

## ELECTRICAL TEST REPORT

DATE: 02/27/2006

PART NO. ATC-06-004

| SPEC & SAMPLE NO.                                                            | SAMPLE #1 | SAMPLE #2 | SAMPLE #3 | SAMPLE #4 | SAMPLE #5 |
|------------------------------------------------------------------------------|-----------|-----------|-----------|-----------|-----------|
| DCR:mOHM<br>1-3=355 MAX.                                                     | 300       | 293       | 297       | 295       |           |
| 4-5=496 MAX.                                                                 | 419       | 408       | 414       | 413       |           |
| 5-6=560 MAX.                                                                 | 471       | 459       | 471       | 465       |           |
| INDUCTANCE<br>(@1KHZ, 0.1Vrms)<br>1-3=1.5mH MIN.                             | 3.76      | 3.17      | 3.58      | 2.14      |           |
| INSERTION LOSS<br>(@0dBm W/H 1-3<br>=50OHM, 4-5=100OHM)<br>1.5MHZ=0.5dB MAX. | 0.3       | 0.42      | 0.22      | 0.28      |           |
| (@0dBm, W/H 1-3<br>=50OHM, 5-6=120OHM)<br>2MHZ=0.5dB MAX.                    | 0.3       | 0.38      | 0.26      | 0.36      |           |
| FREQ RESP.<br>(@REF 1.5MHZ)<br>20KHZ=+/-0.25dB                               | 0.02      | 0.04      | 0.02      | 0.04      |           |
| 3MHZ=+/-0.25dB                                                               | 0.04      | 0.08      | 0.04      | 0.04      |           |
| REF 2MHZ<br>20KHZ=+/-0.25dB                                                  | 0.02      | 0.04      | 0.02      | 0.04      |           |
| 3MHZ=+/-0.25dB                                                               | 0.10      | 0.02      | 0.06      | 0.02      |           |
| RETURN LOSS<br>(@-10dBm W/H 4-5<br>=100 OHM)<br>1.5MHZ=20dB MIN.             | 23.38     | 21.50     | 21.16     | 23.48     |           |
| (@-10dBm, W/H 5-6<br>=120OHM)<br>2MHZ=20dB MIN.                              | 21.04     | 22.04     | 22.84     | 22.36     |           |
| TURN RATIO<br>(@10KHZ, 0.1Vrms)<br>5-4:1-3=1.35 +/-1%                        | 1.35      | 1.35      | 1.35      | 1.35      |           |
| 6-5:1-3=1.5 +/-1%                                                            | 1.5       | 1.5       | 1.5       | 1.5       |           |
| HI-POT<br>(@500VAC,1mA,2S)<br>PRI-SEC                                        | OK        | OK        | OK        | OK        |           |