

# Technical Services Memo

Volume: 16

Number: 13

Date: September 13, 1994

---

Product Code: B3  
Subject Code: RF  
Part Number: 19D438400  
LBI: 38309

**CATEGORY:** STATIONS

**SUBJECT:** 900 MHz, MASTR-II PA SPURIOUS

**PROBLEM:**

MASTR-II 900 MHz Power Amplifier (19D438400) produces spurious output.

**SOLUTION:**

Improve the low frequency bypassing to the RF module (U2) pins 2 & 3.

On the 19D438337 PA board, add two capacitors (19A702534P4, 1  $\mu$ F @ 35 VDC).  
Install one capacitor in parallel with C101 and another in parallel with C102.