
LAND MOBILE PRODUCT SECTOR PSB # 720 1301 E. ALGONQUIN RD APC #
632,611 SCHAUMBURG, IL 60196 Date: MARCH 1993 (708) 576-0180 EXPIRES : N/A

Subject: MSF 5000/PURC 900 MHZ POWER AMPLIFIERS BECOMING SPURIOUS

MODEL: C65CLB5203A/B & C85CLB5203A/B & C85JLB1101A/C85JLB1106A

KITS AFFECTED: TTF1212A/B & TTF1213A/B AND TTF1242A/B & TTF1243A/B

Due to a Vendor quality problem during the time period from AUGUST,1988

to APRIL,1989 the internal bonding of the leads in the A+ filter

capacitor C521 used on the TLF6633A hybrids under prolonged thermal

stress have the potential to fail. Therefore, noise from the A+

circuits is transmitted through the Power Amplifier stages.

The resolution is to solder a 6.8 ufd capacitor part number 23-11054N10

across the existing C521 on each of the (6) hybrids in the Final and

the (5) hybrids in the Driver Power Amplifier.

Capacitors may be obtained at no cost from the Motorola Communications

Parts Department by referencing this Bulletin.

It is recommended that this procedure be done during the routine

maintenance period of the station.

..POWER AMPLIFIERS SHIPPED AFTER APRIL,1989 DO NOT HAVE THE
PROBLEM..

This bulletin is for informational purposes only. No labor charges to

warranty are implied or intended.