

EXHIBIT 9 CFR 47, Part 2.1033, c(9)

TUNE-UP PROCEDURE

The power was tuned up by varying the DC voltages applied to several elements of the final radio frequency amplifier.

Refer to the following Block Diagram (Figure 10.1), the switching regulator VR2 converts the DC voltage from +48VDC to +8.4VDC and VR3 converts the DC voltage from +48VDC to -8VDC. The voltage regulator VR1 converts the DC voltage from +8.4V to +5V.

Regulated voltages, +8.4V, +5V, and -8.0V are filtered by pi-section LC lowpass filters. Regulated +8.4VDC is connected to the Drain pin of Q8. The function of the Q8 is to be able to switch on or off of the regulated +8.4V supply voltage for the Power Amp module.

To turn on/off of a Q8 is controlled by TX EN and Modulator Alm signals from U10. These signals are used to tune-up the RF power amplifier thus tune-up the power range.
