

EXHIBIT G

Paragraph 2.983(d)(9)

Tune Up Procedure



Retlif Testing Laboratories

Test Report Number No. R-7456-4
FCC ID: F3S3K5LTX

Paragraph 2.983(d)(9) Tune Up Procedure:

1. Connect Marconi 2948 Test Box to RF Output Terminals.
2. Switch Transmitter on and check current is < 50 mA.
3. Load the Frequency Synthesizer with Bandswitch Lo to 186 MHz. Check VCO voltage is 2.5 VDC $\pm .5$ VDC.
4. Check that the Output Frequency Tolerance is ± 1.5 kHz.
5. Load the Frequency Synthesizer with Bandswitch Hi to 206 MHz. Check that the VCO Voltage is 2.5 VDC $\pm .5$ VDC.
6. Check that the RF Output at 174.0 to 216.0 MHz is 10 dBm ± 1.5 dB.
7. Connect the AF signal to the Audio Input. Level -10 dBu 1kHz
8. Set the User Gain Control to minimum and adjust the deviation control IC10 so as to show as top show 12 kHz deviation on the modulation meter. Monitor the output to ensure a sinusoidal signal.
9. Increase the modulation frequency to ensure a sinusoidal signal.
10. Set user gain control to max and check maximum deviation < 25 kHz deviation.
11. Connect the spectrum analyzer to the RF output. Set the analyzer to reference level $+ 20$ dBm and Full Span. Check all carrier harmonics are > -45 dB below carrier.
12. End Tune Up.



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