

C. FM External Mod. Input

1a. 5 kHz on meter less than 500 mV RMS _____

D. AM Modulation Distortion

1a. AM Distortion @ 52.35 MHz _____ < 10%

1b. AM Distortion @ 952.35 MHz _____ < 10%

E. AM External Modulation Input

1a. 85% Modulation less than 1.0 VRMS _____

F. Microphone Operation

1a. RF/OFF Operation _____

G. RFI Test

1. Leakage at 252.350 MHz ≤ -137 (.03 μ V)

Leakage at 952.350 MHz ≤ -137 (.03 μ V)

H. Spectral Purity

(+dBm) (-57dBm)

1. 52.35MHz _____

2. 152.35MHz _____

3. 252.35MHz _____

4. 352.35MHz _____

5. 452.35MHz _____

6. 552.35MHz _____

7. 652.35MHz _____

8. 752.35MHz _____

9. 852.35MHz _____

10. 952.35MHz _____

11. 999.35MHz _____

B. Receiver Bandwidth

1a. Narrow band mod acceptance bandwidth

152.35 MHz _____ < 15 kHz

1b. Wide band mod acceptance bandwidth

152.35 MHz _____ < 100 kHz

C. Offset

1a. Disc. Reset on GEN offset (within 1 div zero) _____

D. FM Markers

1a. FM 5 kHz marker (5 kHz) _____

1b. FM 600 Hz marker (600 Hz) _____

E. FM Deviation Accuracy

1a. FM 5 kHz accuracy adjustment (5 kHz) scope

_____ ± 500 Hz $\pm 10\%$

FM 5 kHz accuracy adjustment (5 kHz) meter

_____ ± 500 Hz $\pm 10\%$

F. AM Modulation Accuracy

1a. AM 30% modulation adjustment (30%) scope

_____ $\pm 10\%$

AM 30% modulation adjustment (30%) meter

_____ $\pm 10\%$

G. Relative Signal Strength Accuracy

1a. Low signal adjustment \approx full deflection

High signal adjustment \approx full deflection

VII. RECEIVER - MONITOR MODE

A. Sensitivity

1a. Narrow band sensitivity

152.35 MHz _____ ≤ 2 μ V

452.35 MHz _____ ≤ 2 μ V

852.35 MHz _____ ≤ 2 μ V

VIII. POWER METER AND POWER PROTECTION FUNCTIONS

A. Reverse Power Protection

1a. 200 mW system switch _____