All field intensity measurements were taken using Potomac Industries FIM-21 Instruments Serial #s 1195 & 1196. These instruments were calibrated to National Bureau of Standard Specifications before use on this project. Internal calibration procedures were used for each measurement.

Field intensity measurements were recorded and analyzed in Tables 1-8.

During the survey some deviation of field in areas of urban development was noted. The average deviation of these readings from the standard was found to be insignificant.

The survey of all 8 radials shows a general close parallel with readings found in the transmitter files over the years. Some conductivity changes are evident due to shifts in climate conditions and water table levels.

3. Detuning Procedures Required for Verizon Equipment.

During the building program at WVLT/WMIZ, it was noted that a Verizon cellular tower located in the main pattern lobe was re-radiating a high interference field. The telco was contacted and re-adjusted the de-tuning skirt on the tower. With the co-operation of Verizon Engineering, this skirt was re-tuned with lump constants to lower the re-radiated field to an acceptable level. The WMIZ minima could then be adjusted to licence values in accordance with the Rules.