

## APPENDIX E - TEST EQUIPMENT REQUIREMENTS

This Appendix contains a list of test equipment suitable for performing all testing procedures contained in this manual. Other equipment meeting specifications listed in this Appendix may be substituted in place of recommended models. Equipment listed in this Appendix may exceed minimum required specifications for some procedures contained in this manual.

TYPE	MODEL	EQUIVALENT / SPECS
Digital Multimeter (DMM)	HP 34401A	
Universal Counter	HP 53131A w/ Option 030	Frequency: 30 GHz Resolution: 10 digits
Voltage Calibrator (AC/DC)	Fluke 5100B	
Modulation Analyzer	HP 8901A	
Audio Analyzer	HP 8903A	
Power Meter	HP EPM-441A	HP E4418A HP E4418B
Power Meter Sensor Head	HP 8482A	
Power Meter Sensor Head	HP ECP-18A	HP E4412A
Arbitrary Waveform Generator	HP 33120A	
10 MHz Standard	N/A	
RF Generator	HP ESG-3000A	HP ESG-4000A HP ESG-D3000A HP ESG-D4000A HP E4421B HP E4422B HP E4432B HP E4433B
Personal Computer	N/A	Pentium 166 64 MB RAM Windows 95/98/NT 16-Bit Color GPIB Interface Card Ethernet Card Network Adapter
Attenuator	Weinschel Model 1	10 dB
10 k $\Omega$ Load		
50 $\Omega$ Load	Weinschel Model 1424-4	
MIC/AUDIO Adapter	Aeroflex AC25007	
Power Splitter	HP 11667A	
RF Coaxial Cable	STORM A90-2000-001	
GPIB Cables		
Ethernet Crossover Cable	(See Appendix F)	
Calibration Software CD-ROM	Aeroflex AC25031	