

SENSITIVE RF FIELD-STRENGTH METER

Prepared by: Allen Chin Sun Boon

ABSTRACT

The Sensitive RF Field-Strength Meter, submitted as a title for the subject DEE, EGE280A, is an electronic circuit that will locate and search for RF hotspots general by a wide range of devices, from low-power transmitters to small surveillance devices. This report will introduce the RF Field-Strength Meter, and also theoretical aspect of the RF and microwave. The circuit and operating principles of this instrument will also be described, followed by a detailed section by section analysis.