CLASSIFICATION	PAGE
	3 of 6

RECEIVER EQUIPMENT CHARACTERISTICS

1. NOMENCLATURE, MANUFACTURER'S MODEL NO. Blighter 202 Portable Radar	**2. MANUFACTURER'S NAME** Plextek Ltd., UK.
3. RECEIVER INSTALLATION Portable	**4. RECEIVER TYPE** Direct Conversion
5. TUNING RANGE 15.7GHz to 17.2GHz	**6. METHOD OF TUNING** Synthesizer
7. RF CHANNELING CAPABILITY 15.706GHz Continuous	**8. EMISSION DESIGNATOR(S)** 17MF8N
9. FREQUENCY TOLERANCE +/-13ppm	

10. IF SELECTIVITY	**1ST**	**2ND**	**3RD**
a. -3 dB	N/A	N/A	N/A
b. -20 dB	N/A	N/A	N/A
c. -60 dB	N/A	N/A	N/A

11. RF SELECTIVITY *(X and complete as applicable)*

[ ] CALCULATED [X] MEASURED

a. -3 dB 15.5MHz
b. -20 dB 17.0MHz
c. -60 dB 20.0MHz
d. PRESELECTION TYPE
Fixed Bandpass Filter

12. IF FREQUENCY

a. 1ST N/A
b. 2ND N/A
c. 3RD N/A

13. MAXIMUM POST DETECTION FREQUENCY
10MHz

14. MINIMUM POST DETECTION FREQUENCY
20kHz

15. OSCILLATOR TUNED	**1ST**	**2ND**	**3RD**
a. ABOVE TUNED FREQUENCY			
b. BELOW TUNED FREQUENCY			
c. EITHER ABOVE OR BELOW TUNED FREQUENCY			

16. MAXIMUM BIT RATE
N/A

17. SENSITIVITY

a. SENSITIVITY	-138	dBm
b. CRITERIA	For Target Detection	
c. NOISE FIG	5	dB
d. NOISE TEMP	N/A	Kelvin

18. DE-EMPHASIS *(X one)*

[ ] a. YES [X] b. NO

19. IMAGE REJECTION
N/A

20. SPURIOUS REJECTION
80dB

21. REMARKS

CLASSIFICATION	

DD FORM 1494, AUG 96