ELECTRONICS DIVISION
Colloquium on
"LOW PROFILE ABSORBERS AND SCATTERERS"

Organised by
Professional Groups
E11 (Antennas and propagation),
E2 (Electromagnetic compatibility),
E12 (Microwave devices and techniques) and E15 (Radar, sonar and navigation)

On Tuesday, 26 May 1992

Digest No: 1992/125
LOW PROFILE ABSORBERS AND SCATTERERS

Colloquium organised by Professional Groups E11 (Antennas and propagation), E12 (Electromagnetic compatibility), E15 (Radar, sonar and navigation systems) held at Savoy Place on Tuesday, 26 May 1992

PROGRAMME

9.30 am Registration and coffee

Chairman: D M Lindley (DRA Maritime)

Part 1: Low profile absorber design

1 10.00 "Modelling of practical Salisbury screen absorbers": P G Lederer (DRA)


3 10.50 "To be advised": S Morris (GEC Sensors)

Part 2: Low profile absorber measurement

4 11.15 "Microwave four parameter material characterisation and its application in the design of wideband radar absorbers": J C Bennett, B Chambers (University of Sheffield) and G E Crossley (BTR Materials Systems)

5 11.40 "The use of impedance standards in free space reflection coefficient measurements": F C Smith, B Chambers and J C Bennett (University of Sheffield)

12.15 LUNCH

Part 3: Low profile absorber applications and measurement of the RCS of platforms

6 2.10 "The application of RAM to armoured fighting vehicles": W Suttie (DRA Fighting Vehicles and Systems Sector)

7 2.35 "Radar absorbing materials and their potential use in aircraft structures": M J Pitkethly (DRA Materials and Structures)

3.00 TEA

8 3.20 "Electromagnetic modelling of coated structures using the FDTD method": D Ellacott, G Wood and G Jepps (Thorn EMI Electronics)

9 3.45 "RAM and helicopters": A J Haggerty (Westland Helicopters)

4.10 DISCUSSION AND CLOSE

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