

**ELECTROMAGNETIC EMISSIONS MEASUREMENT
SUMMARY REPORT
ON
SYNTRON POLYSEIS
DATA CONCENTRATOR UNIT (DCU)
AND
REMOTE TELEMETRY UNIT (RTU)**

ELECTROMAGNETIC EMISSIONS MEASUREMENT
REPORT ON
DATA CONCENTRATOR UNIT & REMOTE TELEMETRY UNIT

SUMMARY REPORT

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I. INTRODUCTION

Type Acceptance measurements were performed on the Syntron Polyseis Data Concentrator Unit (DCU) and the Remote Telemetry Unit (RTU) on April 7, 1997 through May 1, 1997 at Southwest Research Institute (SwRI). Measurements were performed in accordance with Federal Communications Commission (FCC) Rules and Regulations, Part 2 and Part 90. Under Part 90, Subpart D reference 90.73, Special Industrial Radio Service, paragraph (17) reference 90.259, special considerations for operating in the band, 216 - 220 MHz.

Section II of this report describes test methodology. Section III covers modifications to the DCU. Section IV delineates test results.