

NAME OF TEST:

Transmitter Rated Power Output

RULE PART NUMBER: 2.1046 (a), 90.541,27.50(a)(2)

UNIT UNDER TEST Prototype unit

TEST RESULTS: $\leq 30\text{W}$, Meets minimum standard, see data below

TEST CONDITIONS: Standard Test Conditions, 25 C

TEST EQUIPMENT:

Digital Voltmeter, Fluke 77 series II multimeter
 DC Power Supply , Astron Model VS-20M
 True RMS clamp multimeter, EXTECH instrument model 380947
 IFR COM-120B
 Spectrum Analyzer, Model HP E4401

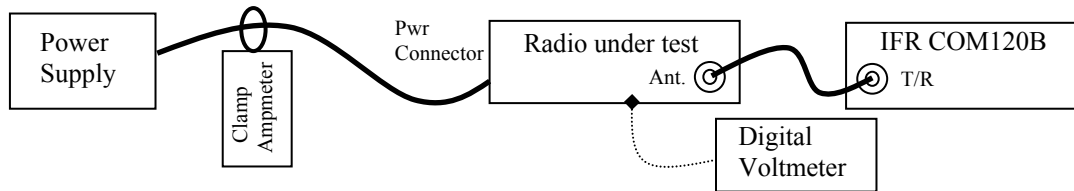
PERFORMED BY:

Constantin Pintilei

DATE: 12/04/02

Constantin Pintilei

TEST SET-UP:



TEST RESULTS:

Frequency (ch 180)	DC Voltage at	DC Current into	DC Power into	RF Power Output
<u>(MHz)</u>	<u>Final (VDC)</u>	<u>Final (ADC)</u>	<u>Final (W)</u>	<u>(W)</u>
800.025	13.78	5.28	72.76	29.9
800.025	13.79	4.15	57.19	10.1