

6.4.1. RF power output @ FCC 2.1046 & 90.205

6.4.2. Limits @ FCC 90.205. Please refer to FCC CFR 47, Part 90, Subpart I, Para. 90.205 for specification details.

Please refer to FCC CFR 47, Paragraph 90.205 for power limit for frequency band:

EUT's Operating Frequency Band (MHz)	FCC Allowable Frequency band (MHz)	FCC Rules	FCC Maximum ERP Limits (Watts)
896-901 MHz	896-901	90.635	100 Watts peak ERP for mobile station.

6.4.3. Method of Measurements

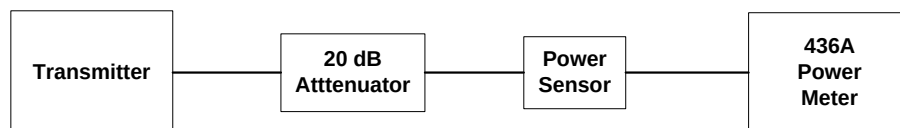
Refer to Exhibit 8, § 8.1 (Conducted) and 8.2 (Radiated) of this report for measurement details

6.4.4. Test Equipment List

Test Instruments	Manufacturer	Model No.	Serial No.	Frequency Range
Attenuator(s)	Bird	...	...	DC – 22 GHz
Attenuator(s)	Weinschel Corp	24-20-34	BJ2357	DC – 8.5 GHz
Power Meter	Hewlett Packard	436A	1725A02249	10 kHz – 50 GHz, sensor dependent
Power Sensor	Hewlett Packard	8481A	2702A68983	10 MHz – 18 GHz

6.4.5. Test Arrangement

- Power at RF Power Output Terminals



6.4.6. Test Data :

Conducted Power

High Power Setting:

Transmitter Channel Output	Fundamental Frequency (MHz)	Measured (Peak) Power (dBm)	Power Rating (dBm)
Lowest	896.0	33.29	33.0
Middle	898.5	33.29	33.0
Highest	901.0	33.31	33.0

Low Power Setting:

Transmitter Channel Output	Fundamental Frequency (MHz)	Measured (Peak) Power (dBm)	Power Rating (dBm)
Lowest	896.0	15.18	15.0
Middle	898.5	15.18	15.0
Highest	901.0	15.18	15.0

ULTRATECH GROUP OF LABS

3000 Bristol Circle, Oakville, Ontario, Canada L6H 6G4
Tel. #: 905-829-1570, Fax. #: 905-829-8050, Email: vic@ultratech-labs.com, Website: <http://www.ultratech-labs.com>

File #: WTP015QFCC90
October 01, 2003

- All test results contained in this engineering test report are traceable to National Institute of Standards and Technology (NIST)