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Name of test: R.F. Radiation Exposure

FCC Rules: 1.1307, 1.1310, 1.1311, 2.1091
Description, EUT: See page 2 of Test Report

Test Frequency, MHz = 160.00
Antenna Gain = 0
Antenna Model Mobile Gain Antenna

Rated Probe: Narda 8761D Probe = 10 $\mu\text{W}/\text{cm}^2$ to 20 mW/cm^2

LIMITS:
47 CFR 1.1310
Table 1, (B)

0.3-1.234 MHz:	Limit $[\text{mW}/\text{cm}^2]$	= 100
1.34-30 MHz:	Limit $[\text{mW}/\text{cm}^2]$	= $(180/f^2)$
30-300 MHz:	Limit $[\text{mW}/\text{cm}^2]$	= 0.2
300-1500 MHz:	Limit $[\text{mW}/\text{cm}^2]$	= $f/1500$
1500-100,000 MHz:	Limit $[\text{mW}/\text{cm}^2]$	= 1.0

Power, Conducted, W = 50 Watts = 46.9 dBm
Power + Ant. Gain, W = 46.9 dBm + 0 dBd = 50 Watts, 100% Duty Cycle

Tested Distance: 60 cm Occupational/Controlled

Results: at tested distance	Probe Height, m	Power Density, mW/cm^2
	2.0	0.11
	1.8	0.17
	1.6	0.23
	1.4	0.28
	1.2	0.31
	1.0	0.33
	0.8	0.27
	0.6	0.13
	0.4	0.10
	0.2	0.07

Power Density Calculations: The measured power density readings were summed and the results divided by the number of readings to calculate the average.

For whole body: Average of 0.2 to 2.0 m, mW/cm^2 = 0.200

For lower body: Average of 0.2 to 0.8 m, mW/cm^2 = 0.143

For upper body: Average of 1.0 to 2.0 m, mW/cm^2 = 0.238

NOTE: Rule 1.1310 Table 1, A; OET Bulletin 65 Supplement C
For 160 MHz, Limit = 1.0 mW/cm^2 , whole body average
Test Result = 0.200 mW/cm^2 , whole body average
Separation Distance = 60 cm

SUPERVISED BY:

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