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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 μW/cm^2 to 20 mW/cm^2

LIMITS: 0.3-1.234 MHz: Limit [mW/cm^2] = 100
47 CFR 1.1310 1.34-30 MHz: Limit [mW/cm^2] = (180/f^2)
Table 1, (B) 30-300 MHz: Limit [mW/cm^2] = 0.2
300-1500 MHz Limit [mW/cm^2] = f/1500
1500-100,000 MHz: Limit [mW/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	0.12
1.8	0.27
1.6	0.58
1.4	1.3
1.2	1.6
1.0	0.81
0.8	0.43
0.6	0.21
0.4	0.09
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

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