

CELLTECH RESEARCH INC.
1955 Moss Court, Kelowna,
B.C. CANADA V1Y 9L3

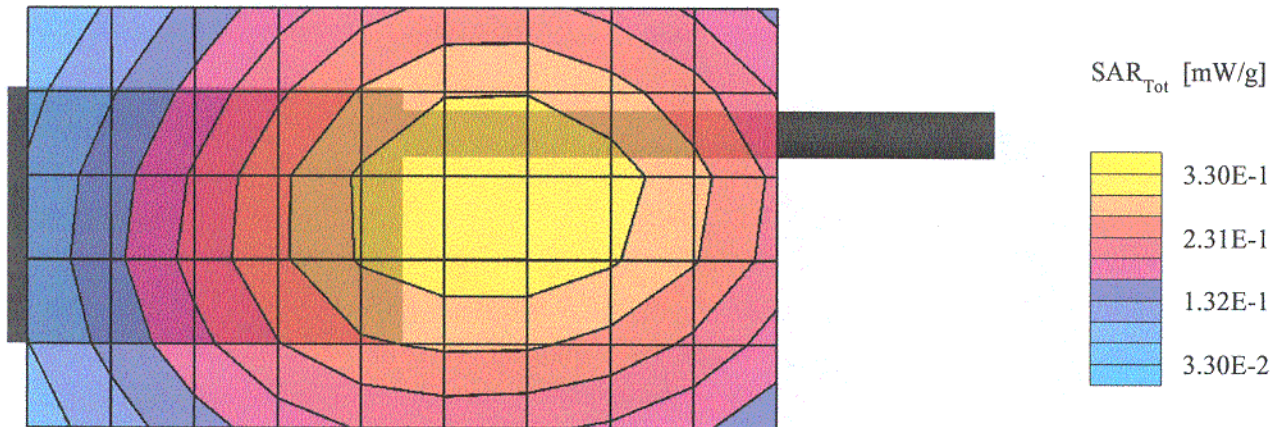
Test Report S/N: 100300-26K66
Date(s) of Tests: October 20, 2000

APPENDIX "A" - SAR MEASUREMENT DATA

YAESU MUSEN CO., LTD.

Generic Twin Phantom; Flat Section; Position: (90°,90°);
Probe: ET3DV6 - SN1387; ConvF(7.04,7.04,7.04); Crest factor: 1.0;
150MHz Brain : $\sigma = 0.48$ mho/m $\epsilon_r = 59.9$ $\rho = 1.00$ g/cm³
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 4x4x7
SAR (1g): 0.324 mW/g, SAR (10g): 0.262 mW/g

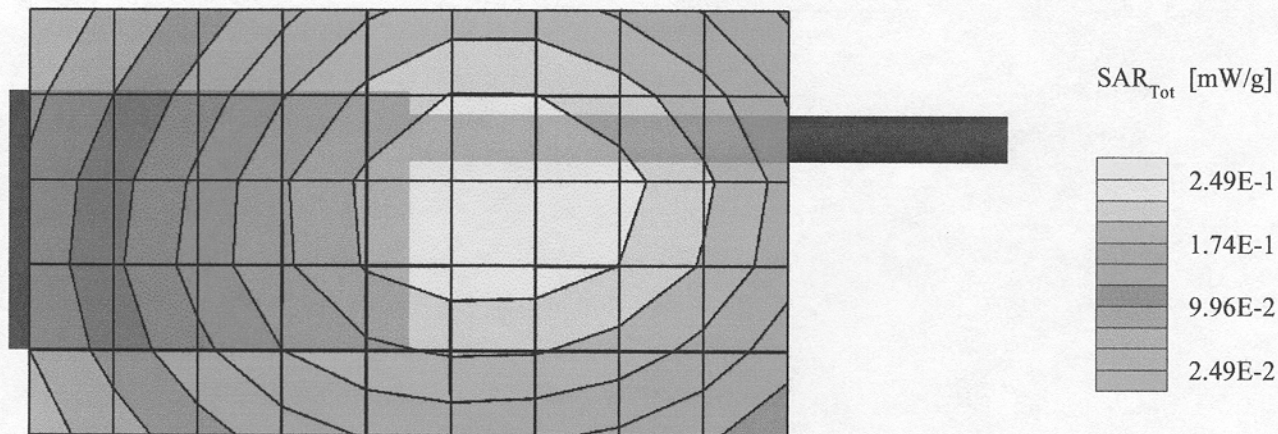
Separation Distance 4.0cm
Marine Radio Transceiver Model: HX460S
Face-Held SAR
Low Channel [156.025MHz]
Conducted Power 37.0dBm
Test Date: Oct 20, 2000



YAESU MUSEN CO., LTD.

Generic Twin Phantom; Flat Section; Position: (90°,90°);
Probe: ET3DV6 - SN1387; ConvF(7.04,7.04,7.04); Crest factor: 1.0;
150MHz Brain : $\sigma = 0.48$ mho/m $\epsilon_r = 59.9$ $\rho = 1.00$ g/cm³
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 4x4x7
SAR (1g): 0.243 mW/g, SAR (10g): 0.197 mW/g

Separation Distance 4.0cm
Marine Radio Transceiver Model: HX460S
Face-Held SAR
High Channel [157.425MHz]
Conducted Power 37.0dBm
Test Date: Oct 20, 2000

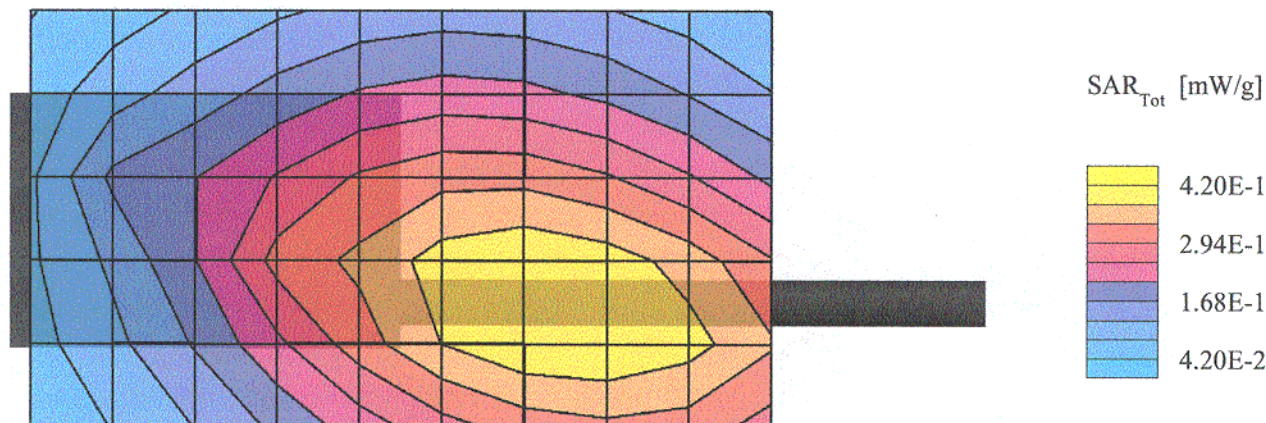


YAESU MUSEN CO., LTD.

Generic Twin Phantom; Flat Section; Position: (270°,270°);
Probe: ET3DV6 - SN1387; ConvF(7.04,7.04,7.04); Crest factor: 1.0;
150MHz Muscle: $\sigma = 0.75$ mho/m $\epsilon_r = 65.7$ $\rho = 1.00$ g/cm³
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 4x4x7
SAR (1g): 0.415 mW/g, SAR (10g): 0.322 mW/g

Body-Worn Using Belt Clip
Separation Distance 23.0mm
Marine Radio Transceiver
Model: HX460S

Low Channel [156.025MHz]
Conducted Power 37.0dBm
Test Date: Oct 20, 2000

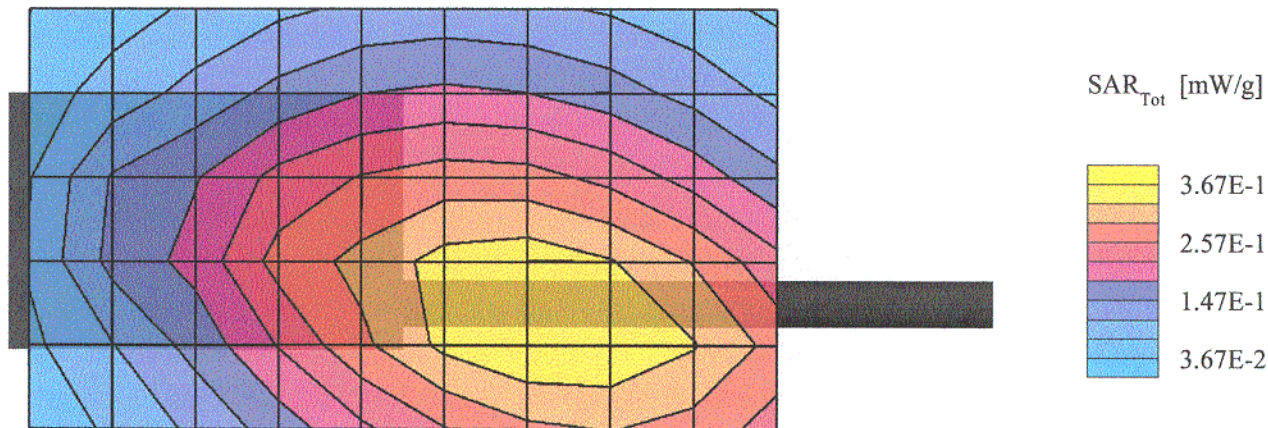


YAESU MUSEN CO., LTD.

Generic Twin Phantom; Flat Section; Position: (270°,270°);
Probe: ET3DV6 - SN1387; ConvF(7.04,7.04,7.04); Crest factor: 1.0;
150MHz Muscle: $\sigma = 0.75$ mho/m $\epsilon_r = 65.7$ $\rho = 1.00$ g/cm³
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 4x4x7
SAR (1g): 0.361 mW/g, SAR (10g): 0.281 mW/g

Body-Worn Using Belt Clip
Separation Distance 23.0mm
Marine Radio Transceiver

Model: HX460S
High Channel [157.425MHz]
Conducted Power 37.0dBm
Test Date: Oct 20, 2000



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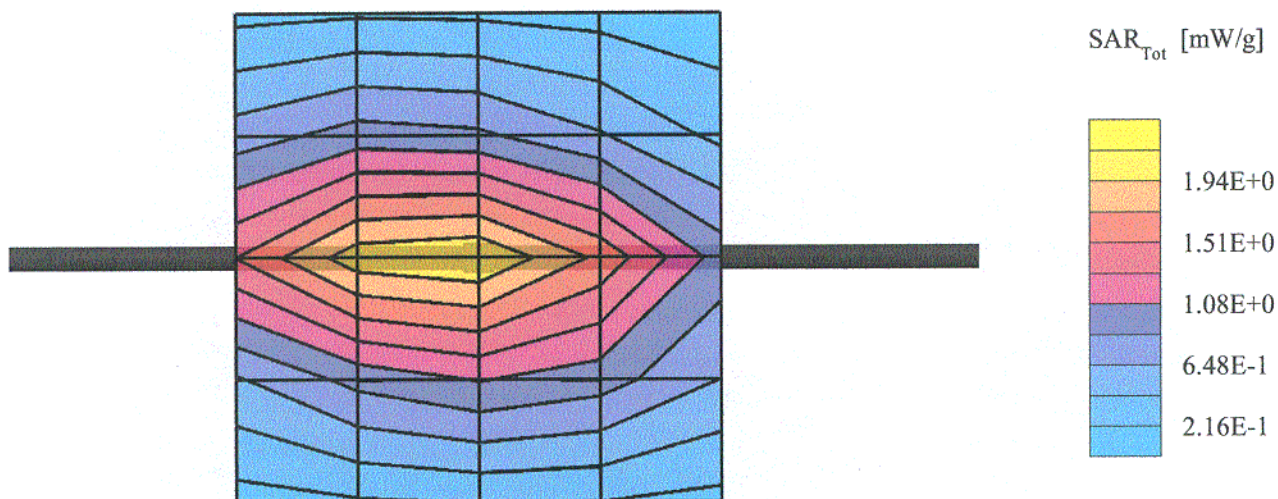
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APPENDIX "B" – DIPOLE VALIDATION

Dipole 835 MHz

Generic Twin Phantom; Flat Section; Position: (90°,90°);
Probe: ET3DV6 - SN1387; ConvF(6.43,6.43,6.43); Crest factor: 1.0;
Brain 835 MHz: $\sigma = 0.80$ mho/m $\epsilon_r = 44.2$ $\rho = 1.00$ g/cm³
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7
SAR (1g): 2.03 mW/g, SAR (10g): 1.34 mW/g

Validation Date: Oct. 20, 2000



Validation Dipole D835V2 SN:411, d = 15mm

Frequency: 835 MHz; Antenna Input Power: 250 [mW]
Generic Twin Phantom; Flat Section; Grid Spacing: Dx = 20.0, Dy = 20.0, Dz = 10.0
Probe: ET3DV5 - SN1342/DAE3; ConvF(5.75,5.75,5.75); Brain 835 MHz: $\sigma = 0.80$ mho/m $\epsilon_r = 44.2$ $\rho = 1.00$ g/cm³
Cubes (2): Peak: 3.07 mW/g ± 0.05 dB, SAR (1g): 2.06 mW/g ± 0.05 dB, SAR (10g): 1.38 mW/g ± 0.05 dB, (Worst-case extrapolation)
Penetration depth: 13.6 (12.7, 14.8) [mm]
Powerdrift: -0.00 dB

