

EB-TX210A / EB-TX220A
(FCC ID NWJ10A002A)
Plot data of muscle SAR AMPS mode

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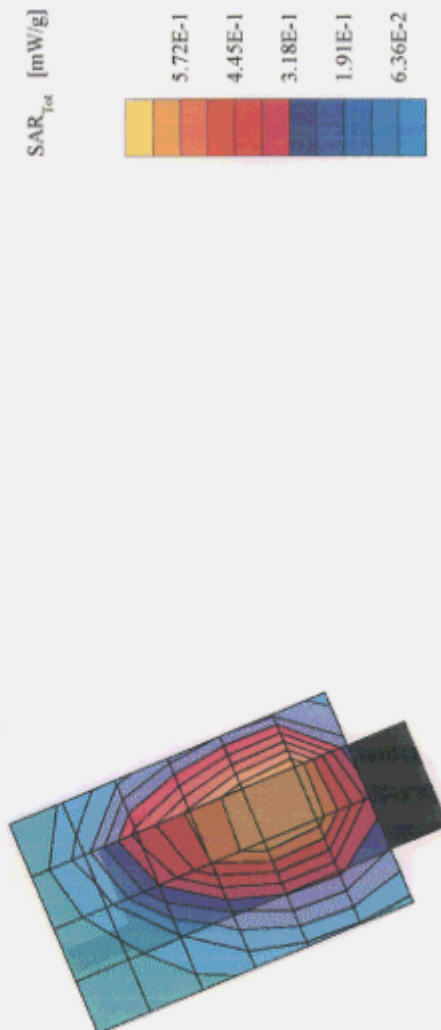
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MUS_std_991.DA3 05/27/00

NWJ10A002A

Generic Twin Phantom; Flat Section; Position: (90°, 270°); Frequency: 835 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5.83, 5.83); Crest factor: 1.0; Brain 900 MHz; $\sigma = 1.24$ [mho/m] $\epsilon_r = 54.0$ $\rho = 1.00$ [g/cm³]
Cube 5x5x7; SAR (1g): 0.946 [mW/g], SAR (10g): 0.645 [mW/g], SAR (10g): 0.645 [mW/g], (Worst-case extrapolation)
Course: Dx = 20.0, Dy = 20.0, Dz = 10.0

Muscle EB-TX210 standard battery AMPS mode 991ch



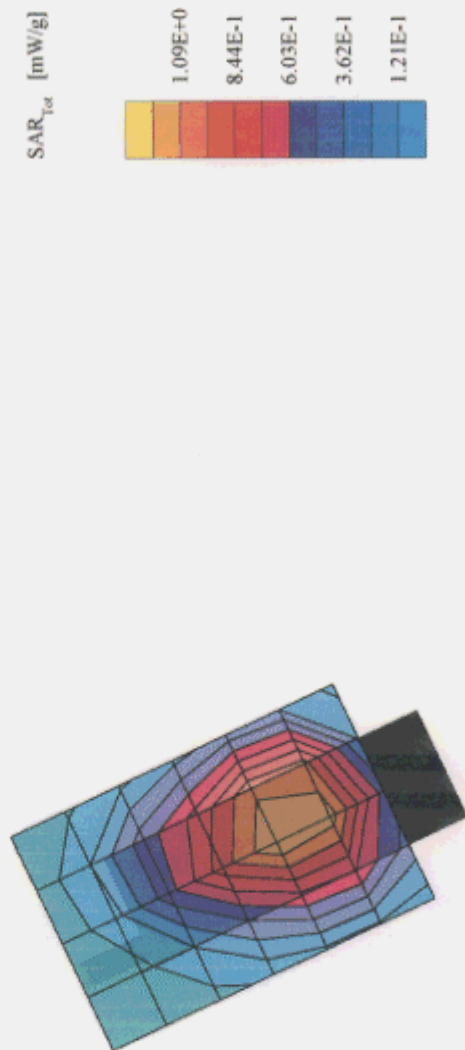
Matsushita Communication Industrial Co., Ltd.

Mus_std_380.DA3 05/31/00

NWJ10A002A

Generic Twin Phantom; Flat Section; Position: (90°, 270°); Frequency: 835 [MHz]
Probe: ET3DV5 - SNI303; ConvF(5.83,5.83,5.83); Crest factor: 1.0; Brain 900 MHz; $\sigma = 1.24$ [mho/m] $\epsilon_r = 54.0$ $\rho = 1.00$ [g/cm³]
Cube 5x5x7; SAR (1g): 1.29 [mW/g], SAR (10g): 0.893 [mW/g], SAR (10g): 0.893 [mW/g], (Worst-case extrapolation)
Course: Dx = 20.0, Dy = 20.0, Dz = 10.0

Muscle EB-TX210 standard battery AMIPS mode:380ch



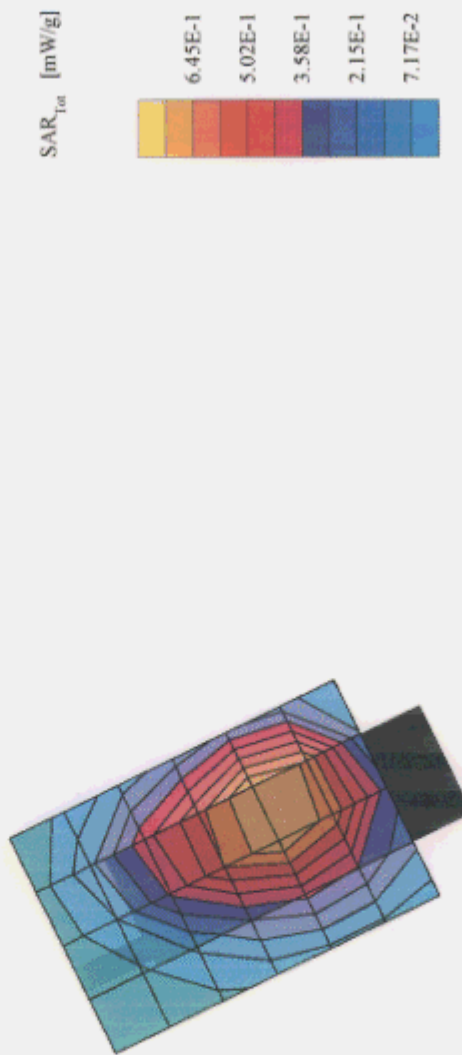
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Mus_std_799.DA3 05/27/00

NWJ10A002A

Generic Twin Phantom; Flat Section; Position: (90°, 270°); Frequency: 835 [MHz]
Probe: ET3DV5 - SNI303; ConvF(5.83,5.83,5.83); Crest factor: 1.0; Brain 900 MHz); $\sigma = 1.24$ [mho/m] $\epsilon_r = 54.0$ $\rho = 1.00$ [g/cm³]
Cube 5x5x7; SAR (1g): 1.04 [mW/g], SAR (10g): 0.710 [mW/g], SAR (10g): 0.710 [mW/g], (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Muscle EB-TX210 standard battery AMPS mode 799ch



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Mus_ext_991.DA3 05/27/00

NWJ10A002A

Generic Twin Phantom; Flat Section; Position: (90°, 270°); Frequency: 835 [MHz]
Probe: ET3DV5 - SNI303; ConvF(5.83,5.83,5.83); Crest factor: 1.0; Brain 900 MHz; $\sigma = 1.24$ [mho/m] $\epsilon_r = 54.0$ $\rho = 1.00$ [g/cm³]
Cube 5x5x7; SAR (1g): 1.03 [mW/g], SAR (10g): 0.705 [mW/g], SAR (10g): 0.705 [mW/g], (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Muscle EB-TX210 extended battery AMPS mode 991ch



Matsushita Communication Industrial Co., Ltd.

Mus_ext_380.DA3 05/31/00

NWJ10A002A

Generic Twin Phantom; Flat Section; Position: (90°, 270°); Frequency: 835 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83); Crest factor: 1.0; Brain 900 MHz; $\sigma = 1.24$ [mho/m] $\epsilon_r = 54.0$ $\rho = 1.00$ [g/cm³]
Cube 5x5x7: SAR (1g): 1.36 [mW/g], SAR (10g): 0.947 [mW/g], SAR (10g): 0.947 [mW/g], (Worst-case extrapolation)
Course: Dx = 20.0, Dy = 20.0, Dz = 10.0

Muscle EB-TX210 extended battery AMPS mode380ch



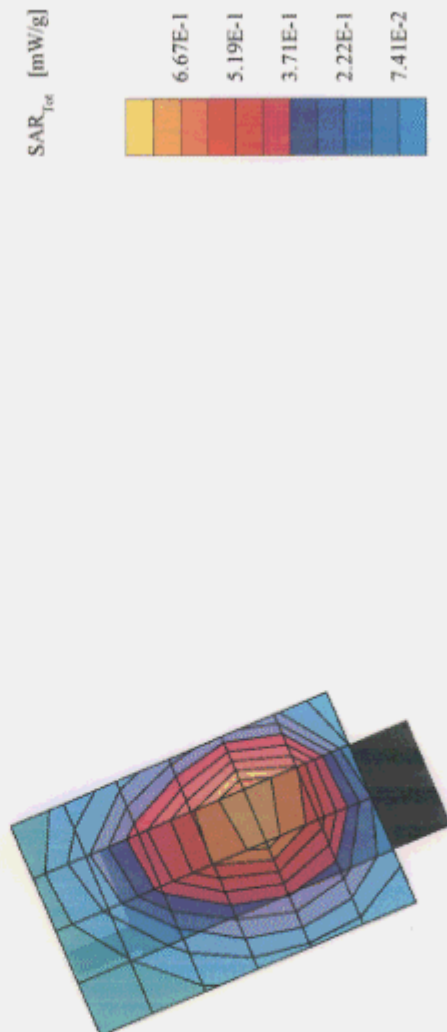
Matsushita Communication Industrial Co., Ltd.

Mus_ext_799.DA3 05/27/00

NWJ10A002A

Generic Twin Phantom; Flat Section; Position: (90°, 270°); Frequency: 835 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83); Crest factor: 1.0; Brain 900 MHz; $\sigma = 1.24$ [mho/m] $\epsilon_r = 54.0$ $\rho = 1.00$ [g/cm³]
Cube 5x5x7: SAR (1g): 1.02 [mW/g], SAR (10g): 0.699 [mW/g], SAR (10g): 0.699 [mW/g], (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Muscle EB-TX210 extended battery AMPS mode 799ch



Matsushita Communication Industrial Co., Ltd.

Durable hip_991.DA3 04/28/00

NWJ10A002A

Generic Twin Phantom; Flat Section; Position: (90°, 270°); Frequency: 835 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83); Crest factor: 1.0; Brain 900 MHz; $\sigma = 1.24$ [mho/m] $\epsilon_r = 54.0$ $\rho = 1.00$ [g/cm³]
Cube 5x5x7; SAR (1g): 1.03 [mW/g], SAR (10g): 0.679 [mW/g], SAR (10g): 0.679 [mW/g], (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Muscle EB-TX220 AMPS mode 991ch



Matsushita Communication Industrial Co., Ltd.

Durable hip_380.DA3 04/28/00

NWJ10A002A

Generic Twin Phantom; Flat Section; Position: (90°, 270°); Frequency: 835 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83); Crest factor: 1.0; Brain 900 MHz; $\sigma = 1.24$ [mho/m] $\epsilon_r = 54.0$ $\rho = 1.00$ [g/cm³]
Cube 5x5x7; SAR (1g): 1.29 [mW/g], SAR (10g): 0.865 [mW/g], SAR (10g): 0.865 [mW/g], (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Muscle EB-TX220 AMPS mode 380ch



Matsushita Communication Industrial Co., Ltd.

Durable hip_799.DA3 04/28/00

NWJ10A002A

Generic Twin Phantom; Flat Section; Position: (90°, 270°); Frequency: 835 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83); Crest factor: 1.0; Brain 900 MHz; $\sigma = 1.24$ [mho/m] $\epsilon_r = 54.0$ $\rho = 1.00$ [g/cm³]
Cube 5x5x7; SAR (1g): 0.823 [mW/g], SAR (10g): 0.538 [mW/g] * Max outside, (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Muscle EB-TX220 AMPS mode: 799ch



Matsushita Communication Industrial Co., Ltd.

EB-TX210A / EB-TX220A

(FCC ID NWJ10A002A)

Plot data of muscle SAR 800MHz TDMA mode

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Mus_std_991.DA3 05/28/00

NWJ10A002A

Generic Twin Phantom; Flat Section; Position: (90°, 270°); Frequency: 835 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5.83,5.83); Crest factor: 3.0; Brain 900 MHz; $\sigma = 1.24$ [mho/m] $\epsilon_r = 54.0$ $\rho = 1.00$ [g/cm³]
Cube 5x5x7; SAR (1g): 0.414 [mW/g], SAR (10g): 0.285 [mW/g], (Worst-case extrapolation)
Course: Dx = 20.0, Dy = 20.0, Dz = 10.0

Muscle EB-TX210 standard battery 800MHz TDMA mode 991ch



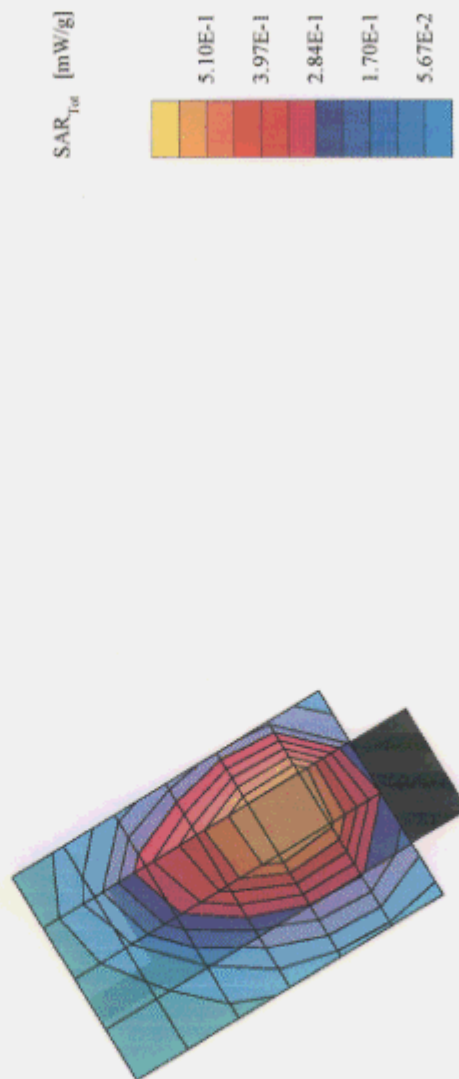
Matsushita Communication Industrial Co., Ltd.

Mus_srd_380.DA3 05/28/00

NWJ10A002A

Generic Twin Phantom; Flat Section; Position: (90° ,270°); Frequency: 835 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83); Crest factor: 3.0; Brain 900 MHz; $\sigma = 1.24$ [mho/m] $\epsilon_r = 54.0$ $\rho = 1.00$ [g/cm³]
Cube 5x5x7: SAR (1g): 0.630 [mW/g], SAR (10g): 0.429 [mW/g], SAR (10g): 0.429 [mW/g], (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Muscle EB-TX210 standard battery 800MHz TDMA mode 380:ch



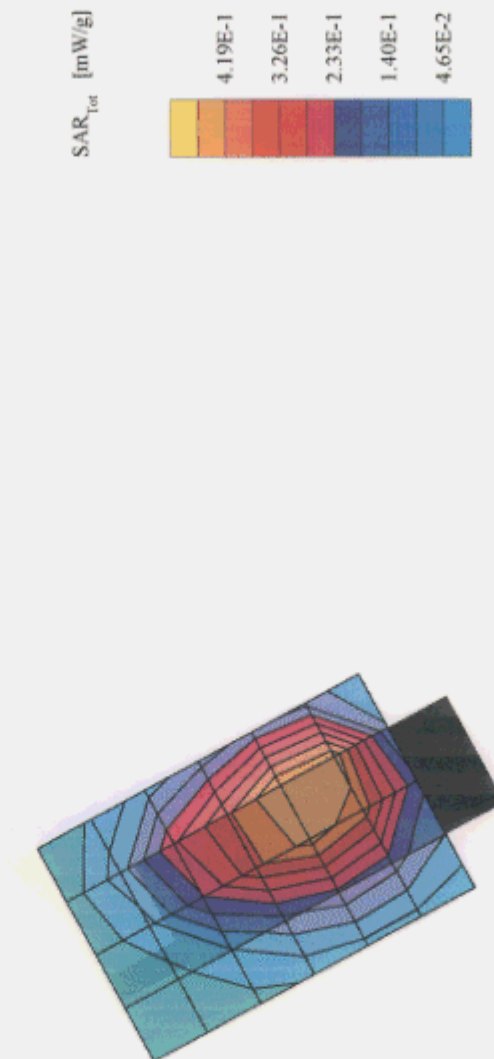
Matsushita Communication Industrial Co., Ltd.

Mus_std_799.DA3 05/28/00

NWJ10A002A

Generic Twin Phantom; Flat Section; Position: (90°, 270°); Frequency: 835 [MHz]
Probe: ET3DV5 - SNI303; ConvF(5.83,5.83,5.83); Crest factor: 3.0; Brain 900 MHz; $\sigma = 1.24$ [mho/m] $\epsilon_r = 54.0$ $\rho = 1.00$ [g/cm³]
Cube: 5x5x7; SAR (1g): 0.504 [mW/g], SAR (10g): 0.343 [mW/g], SAR (10g): 0.343 [mW/g], (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Muscle EB-TX210 standard battery 800MHz TDMA mode799ch



Matsushita Communication Industrial Co., Ltd.

Mus_ext_991.DA3 05/28/00

NWJ10A002A

Generic Twin Phantom; Flat Section; Position: (90°, 270°); Frequency: 835 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83); Crest factor: 3.0; Brain 900 MHz; $\sigma = 1.24$ [mho/m] $\epsilon_r = 54.0$ $\rho = 1.00$ [g/cm³]
Cube 5x5x7; SAR (1g): 0.461 [mW/g], SAR (10g): 0.316 [mW/g], SAR (10g): 0.316 [mW/g], (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Muscle EB-TX210 extended battery 800MHz TDMA mode 991ch



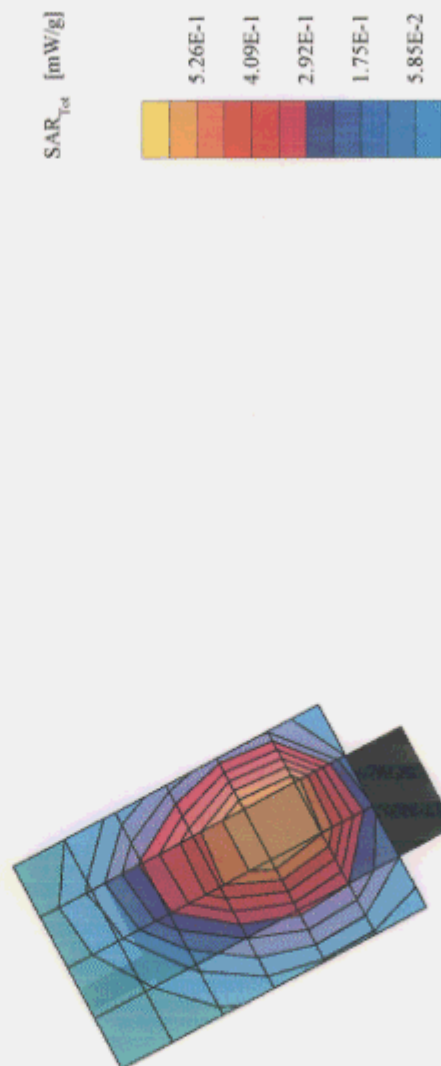
Matsushita Communication Industrial Co., Ltd.

Mus_ext_380.DA3 05/28/00

NWJ10A002A

Generic Twin Phantom; Flat Section; Position: (90°, 270°); Frequency: 835 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83); Crest factor: 3.0; Drain 900 MHz; $\sigma = 1.24$ [mho/m] $\epsilon_r = 54.0$ $\rho = 1.00$ [g/cm³]
Cube 5x5x7: SAR (1g): 0.660 [mW/g], SAR (10g): 0.448 [mW/g], SAR (10g): 0.448 [mW/g], (Worst-case extrapolation)
Course: Dx = 20.0, Dy = 20.0, Dz = 10.0

Muscle EB-TX210 extended battery 800MHz TDMA mode 380ch



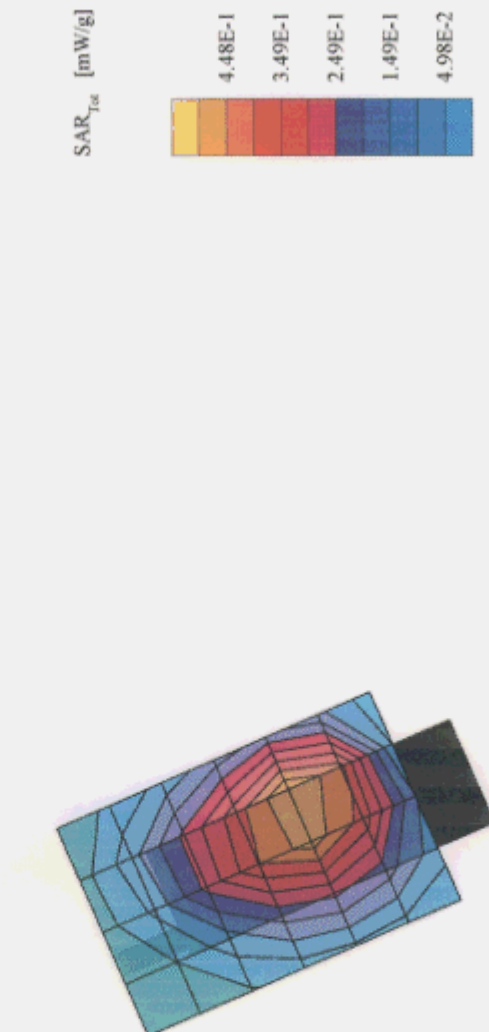
Matsushita Communication Industrial Co., Ltd.

Mus_ext_799.DA3 05/28/00

NWJ10A002A

Generic Twin Phantom; Flat Section; Position: (90°, 270°); Frequency: 835 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83); Crest factor: 3.0; Brain 900 MHz); $\sigma = 1.24$ [mho/m] $\epsilon_r = 54.0$ $\rho = 1.00$ [g/cm³]
Cube 5x5x7: SAR (1g): 0.537 [mW/g], SAR (10g): 0.363 [mW/g], (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Muscle EB-TX210 extended battery 800MHz TDMA mode 799ch



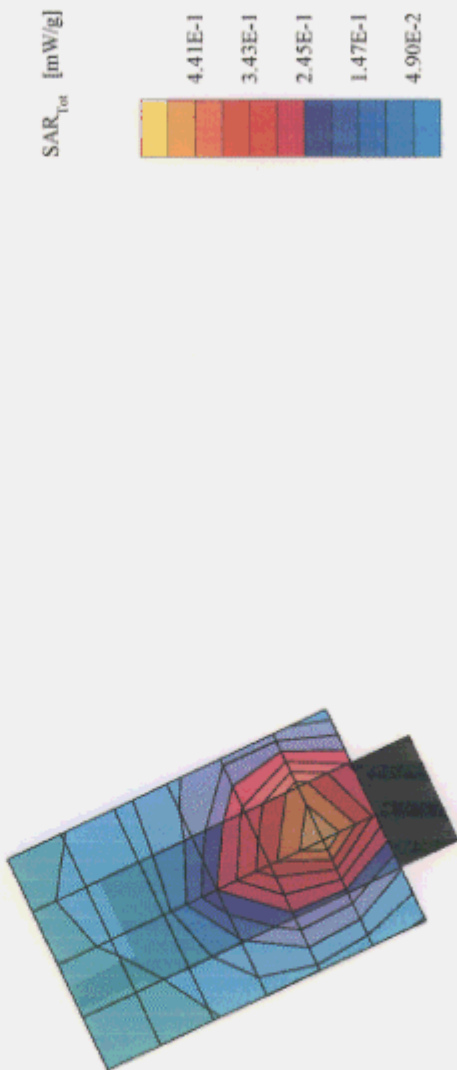
Matsushita Communication Industrial Co., Ltd.

Durable hip_991.DA3 04/28/00

NWJ10A002A

Generic Twin Phantom; Flat Section; Position: (90°, 270°); Frequency: 835 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5.83,5.83,5.83); Crust factor: 3.0; Brain 900 MHz: $\sigma = 1.24$ [mho/m] $\epsilon_r = 51.0$ $\rho = 1.00$ [g/cm³]
Cube 5x5x7: SAR (1g): 0.526 [mW/g], SAR (10g): 0.345 [mW/g], SAR (10g): 0.345 [mW/g]. (Worst-case extrapolation)
Course: Dx = 20.0, Dy = 20.0, Dz = 10.0

Brain EB-TX220 800MHz TDMA mode 991.ch



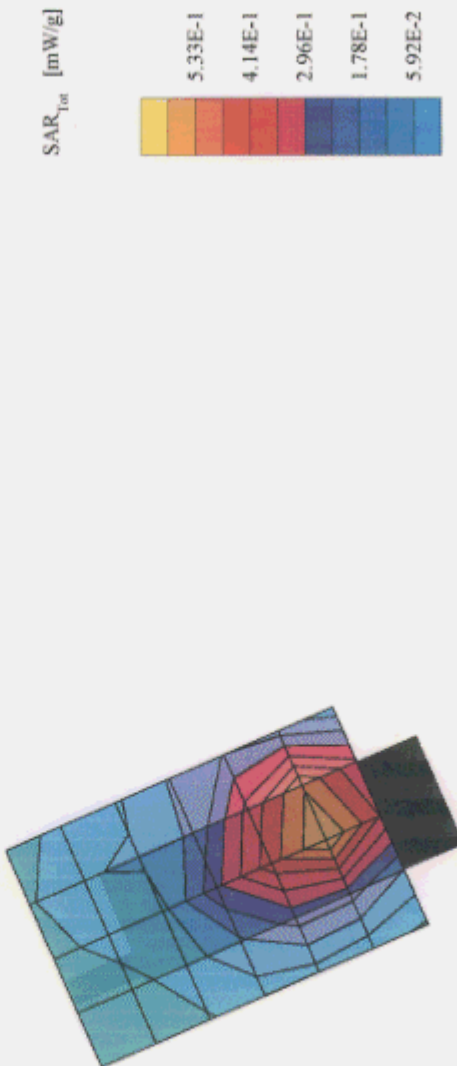
Matsushita Communication Industrial Co., Ltd.

Durable hip_380.DA3 04/28/00

NWJ10A002A

Generic Twin Phantom; Flat Section; Position: (90°, 270°); Frequency: 835 [MHz]
Probe: ET3DV5 - SNI303; ConvF(5.83, 5.83, 5.83); Crest factor: 3.0; Brain 900 MHz; $\sigma = 1.24$ [mho/m] $\epsilon_r = 54.0$ $\rho = 1.00$ [g/cm³]
Cube 5x5x7; SAR (1g): 0.624 [mW/g], SAR (10g): 0.414 [mW/g], SAR (10g): 0.414 [mW/g], (Worst-case extrapolation)
Course: Dx = 20.0, Dy = 20.0, Dz = 10.0

Muscle EB-TX220 800MHz TDMA mode 380ch



Matsushita Communication Industrial Co., Ltd.

Durable hip_799.DA3 04/28/00

NWJ10A002A

Generic Twin Phantom; Flat Section; Position: (90°, 270°); Frequency: 835 [MHz]
Probe: ET3DV5 - SNI303; ConvF(5.83, 5.83); Crest factor: 3.0; Brain 900 MHz; $\sigma = 1.24$ [mho/m] $\epsilon_r = 54.0$ $\rho = 1.00$ [g/cm³]
Cube 5x5x7; SAR (1g): 0.494 [mW/g], SAR (10g): 0.322 [mW/g] * Max outside, (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Muscle EB-TX220 800MHz TDMA mode 799ch



Mitsubishi Communication Industrial Co., Ltd.

EB-TX210A / EB-TX220A

(FCC ID NWJ10A002A)

Plot data of muscle SAR PCS mode

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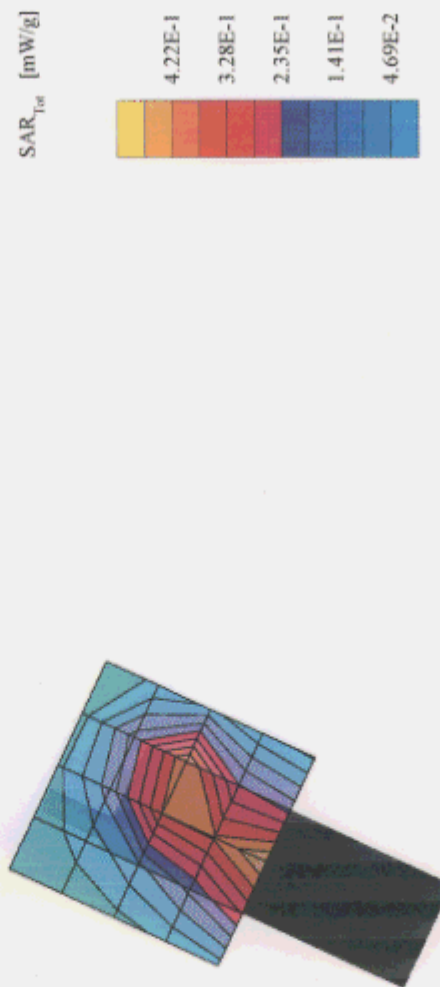
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Hipext_2.DA3 05/26/00

NWJ10A002A

Generic Twin Phantom; Flat Section; Position: (90°, 90°); Frequency: 1880 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5.15,5.15,5.15); Crest factor: 3.0; Brain 1800 MHz; $\sigma = 1.67$ [mho/m] $\epsilon_r = 52.5$ $\rho = 1.00$ [g/cm³]
Cube: 5x5x7; SAR (1g): 0.466 [mW/g], SAR (10g): 0.284 [mW/g], (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Muscle EB-TX210 standard battery PCS mode 2ch



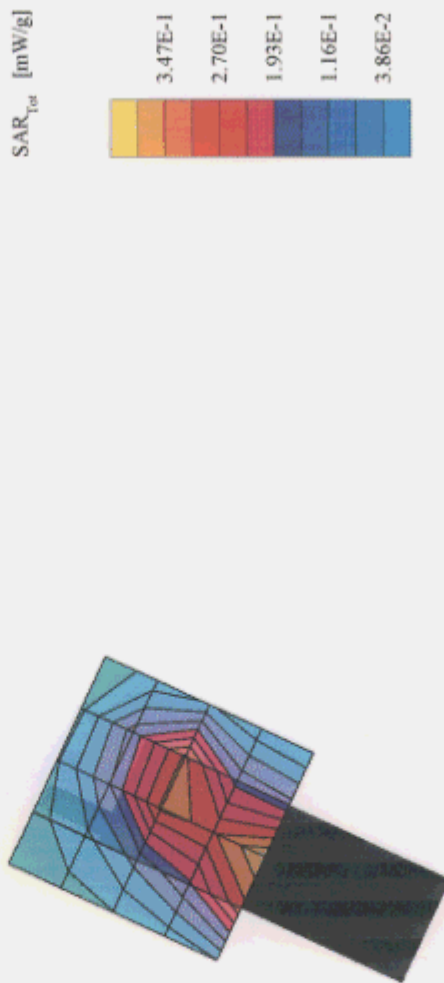
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Mus_std_1000.DA3 05/26/00

NWJ10A002A

Generic Twin Phantom; Flat Section; Position: (90°, 90°); Frequency: 1880 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5,15,5,15,5,15); Crest factor: 3.0; Brain 1800 MHz; $\sigma = 1.67$ [mho/m] $\epsilon_r = 52.5$ $\rho = 1.00$ [g/cm³]
Cube 5x5x7; SAR (1g): 0.387 [mW/g], SAR (10g): 0.233 [mW/g], (Worst-case extrapolation)
Course: Dx = 20.0, Dy = 20.0, Dz = 10.0

Muscle EB-TX210 standard battery PCS mode 1000ch



Matsushita Communication Industrial Co., Ltd.

Mus_std_1998.DA3 05/26/00

NWJ10A002A

Generic Twin Phantom; Flat Section; Position: (90° ,90°); Frequency: 1880 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5,15,5,15,5,15); Crest factor: 3.0; Brain 1800 MHz); $\sigma = 1.66$ [mho/m] $\epsilon_r = 39.6$ $\rho = 1.00$ [g/cm³]
Cube 5x5x7; SAR (1g): 0.383 [mW/g], SAR (10g): 0.215 [mW/g], (Worst-case extrapolation)
Course: Dx = 20.0, Dy = 20.0, Dz = 10.0

Muscle EB-TX210 standard battery PCS mode 1998ch



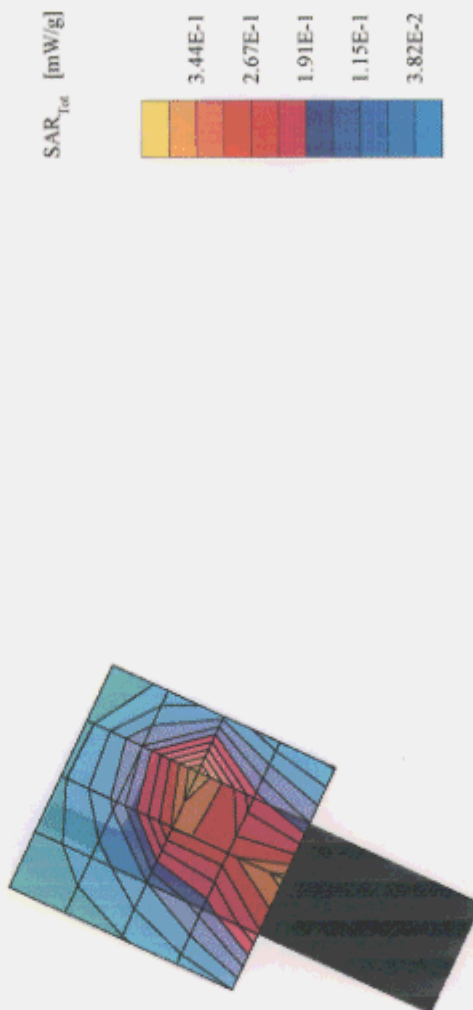
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Mus_ext_2.DA3 05/27/00

NWJ10A002A

Generic Twin Phantom; Flat Section; Position: (90°, 90°); Frequency: 1880 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5.15,5.15,5.15); Crest factor: 3.0; Brain 1800 MHz; $\sigma = 1.66$ [mho/m] $\epsilon_r = 39.6$ $\rho = 1.00$ [g/cm³]
Cube 5x5x7; SAR (1g): 0.407 [mW/g], SAR (10g): 0.233 [mW/g], SAR (10g): 0.233 [mW/g], (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Muscle EB-TX210 extended battery PCS mode 2ch



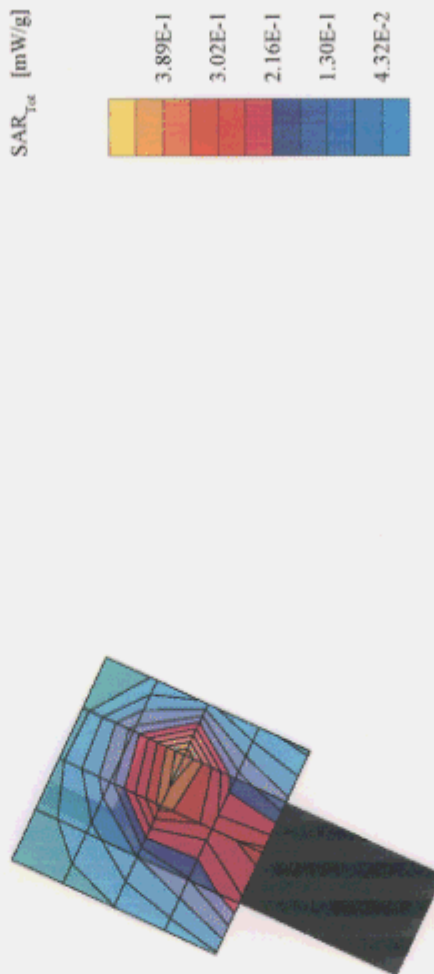
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Mus_ext_1000.DA3 05/27/00

NWJ10A002A

Generic Twin Phantom; Flat Section; Position: (90°, 90°); Frequency: 1880 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5.15,5.15,5.15); Crest factor: 3.0; Brain 1800 MHz; $\sigma = 39.6$ [mho/m] $\epsilon_r = 1.00$ [g/cm³]
Course: Dx = 20.0, Dy = 20.0, Dz = 10.0

Muscle EB-TX210 extended battery PCS mode 1000ch



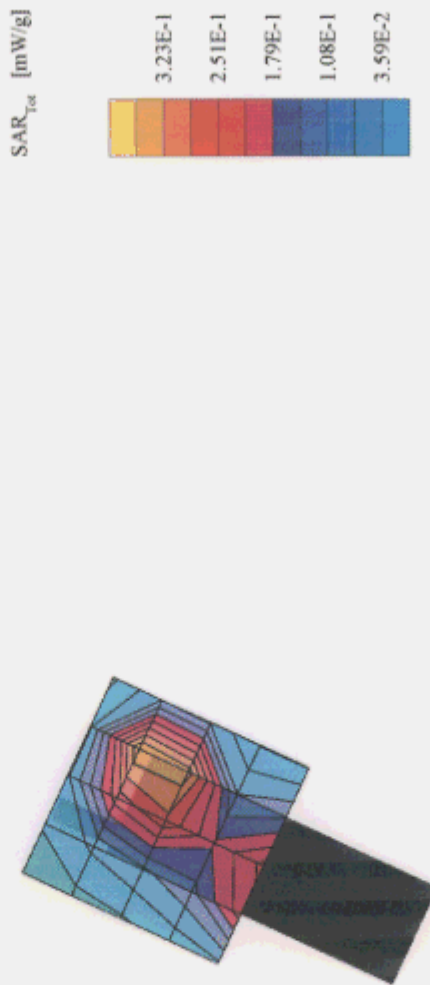
Matsushita Communication Industrial Co., Ltd.

Mus_ext_1998.DA3 05/27/00

NWJ10A002A

Generic Twin Phantom; Flat Section; Position: (90°, 90°); Frequency: 1880 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5,15,5,15,5,15); Crest factor: 3.0; Brain 1800 MHz; $\sigma = 1.66$ [mho/m] $\epsilon_r = 39.6$ $\rho = 1.00$ [g/cm³]
Cube 5x5x7: SAR (1g): 0.440 [mW/g], SAR (10g): 0.244 [mW/g], SAR (10g): 0.244 [mW/g], (Worst-case extrapolation)
Course: Dx = 20.0, Dy = 20.0, Dz = 10.0

Muscle EB-TX210 extended battery PCS mode 1998ch



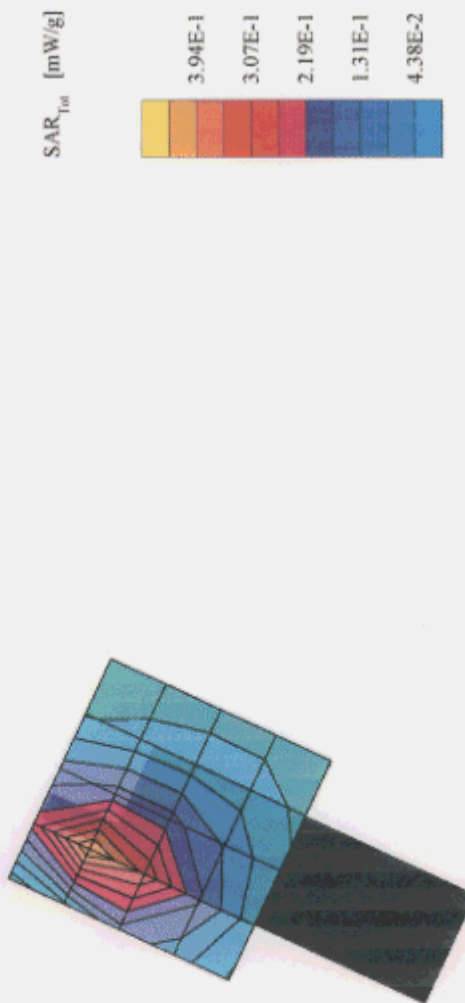
Matsushita Communication Industrial Co., Ltd.

Durable hip_2.DA3 04/27/00

NWJ10A002A

Generic Twin Phantom; Flat Section; Position: (90°, 90°); Frequency: 1880 [MHz]
Probe: ET3DV5 - SN1303; ConvF(5.15,5.15,5.15); Crest factor: 3.0; Brain 1800 MHz; $\sigma = 1.67$ [mho/m] $\epsilon_r = 52.5$ $\rho = 1.00$ [g/cm³]
Cube 5x5x7; SAR (1g): 0.422 [mW/g], SAR (10g): 0.238 [mW/g], SAR (10g): 0.238 [mW/g], (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Muscle EB-TX220 PCS mode 2ch



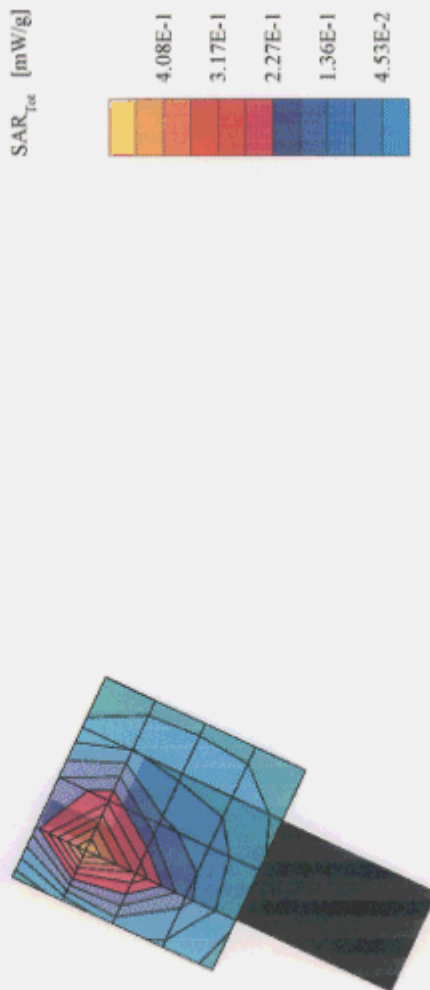
Matsushita Communication Industrial Co., Ltd.

Durable hip_1000.DA3 04/27/00

NWJ10A002A

Generic Twin Phantom; Flat Section; Position: (90°, 90°); Frequency: 1880 [MHz]
Probe: ET3DV5 - SNI303; ConvF(5,15,5,15,5,15); Crest factor: 3.0; Brain 1800 MHz; $\sigma = 1.67$ [mho/m] $\epsilon_r = 52.5$ $\rho = 1.00$ [g/cm³]
Cube 5x5x7: SAR (1g): 0.470 [mW/g], SAR (10g): 0.260 [mW/g], (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Muscle EB-TX220 PCS mode 1000ch



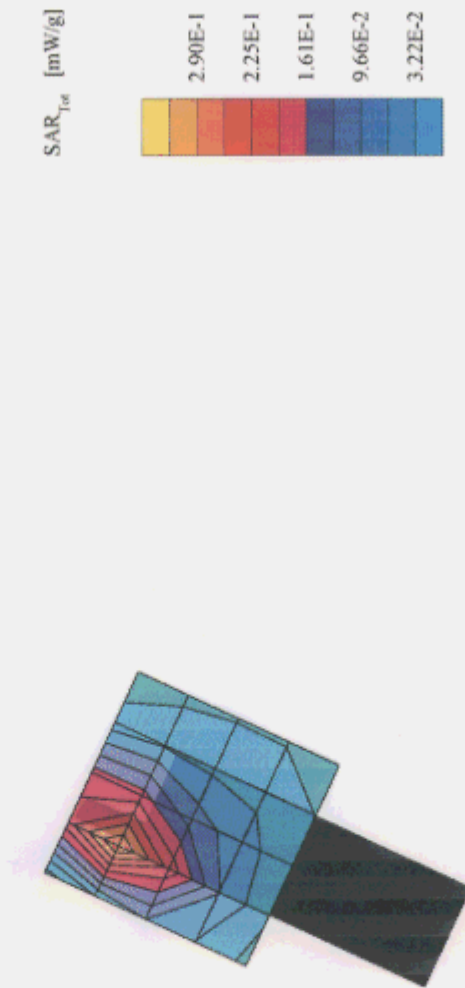
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Durable hip_1998.DA3 04/27/00

NWJ10A002A

Generic Twin Phantom; Flat Section; Position: (90° ,90°); Frequency: 1880 [MHz]
Probe: ET3DV5 - SNI303; ConvF(5.15,5.15,5.15); Crest factor: 3.0; Brain 1800 MHz; $\sigma = 1.67$ [mho/m] $\epsilon_r = 52.5$ $\rho = 1.00$ [g/cm³]
Cube: 5x5x7; SAR (1g): 0.356 [mW/g], SAR (10g): 0.194 [mW/g] * Max outside, (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Muscle EB-TX220 PCS mode 1998ch



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