

Worst Case SAR Test Plot

Face held configuration (25mm separation), low channel frequency

12/20/01

TTI TECH CO., LTD. (MODEL GMRS 1200)

Face held configuration (25 mm separation), low channel

Generic Twin Phantom; Flat Section; Position: (90°, 270°); Frequency: 450 MHz

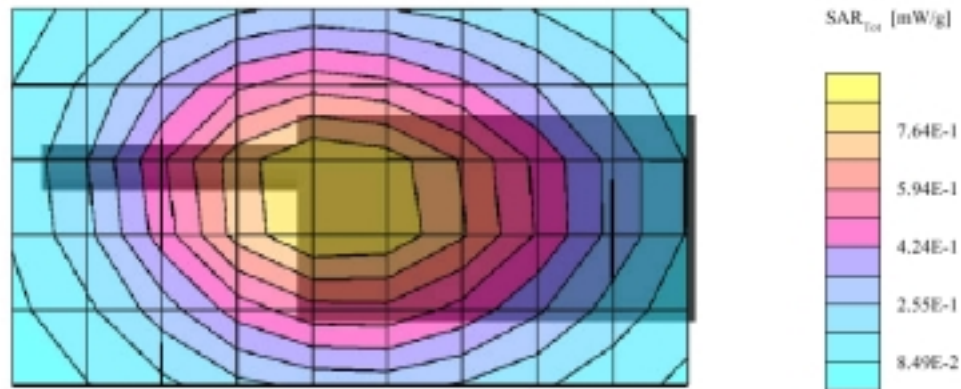
Probe: ET3DV6 - SN1577; ConvF(7.44, 7.44, 7.44); Crest factor: 1.0; Head 450 MHz: $\sigma = 0.83 \text{ mho/m}$, $\epsilon_r = 44.0$, $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.799 mW/g, SAR (10g): 0.584 mW/g, (Worst-case extrapolation)

Coarse: $D_x = 20.0$, $D_y = 20.0$, $D_z = 10.0$

Powerdrift: -1.64 dB

Liquid Temperature: 21.7°C



COMPLIANCE CERTIFICATION SERVICES

Worst Case SAR vs. Z-Axis Plot

Face held configuration (25mm separation), low channel frequency

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TTI TECH CO., LTD. (MODEL GMRS 1200)

Face held configuration (25 mm separation), low channel

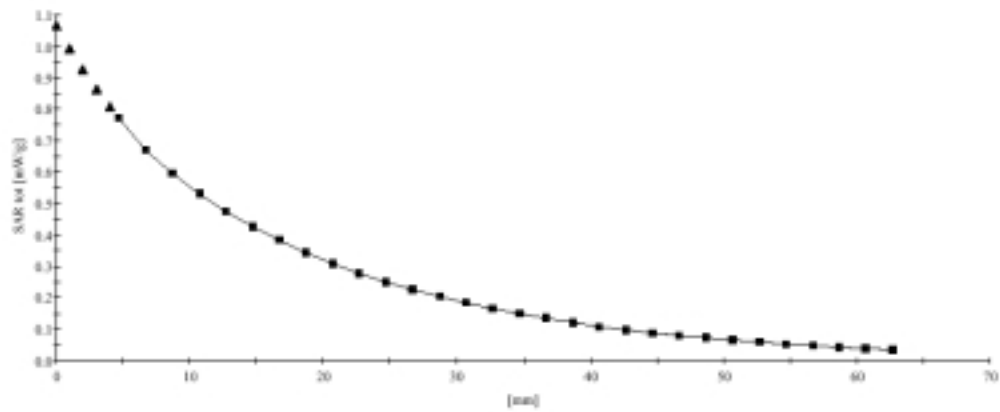
Generic Twin Phantom; Section; Position: ; Frequency: 450 MHz

Probe: ET3DV6 - SN1577; ConvF(7.44,7.44,7.44); Crest factor: 1.0; Head 450 MHz: $\sigma = 0.83 \text{ mho/m}$, $\epsilon_r = 44.0$, $\rho = 1.00 \text{ g/cm}^3$

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Z-Axis: $Dx = 0.0$, $Dy = 0.0$, $Dz = 2.0$

Liquid Temperature: 21.7°C



COMPLIANCE CERTIFICATION SERVICES

SAR Test Plot

Face held configuration (25mm separation), high channel frequency

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TTI TECH CO., LTD. (MODEL GMRS 1200)

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Generic Twin Phantom; Flat Section; Position: (90°,270°); Frequency: 450 MHz

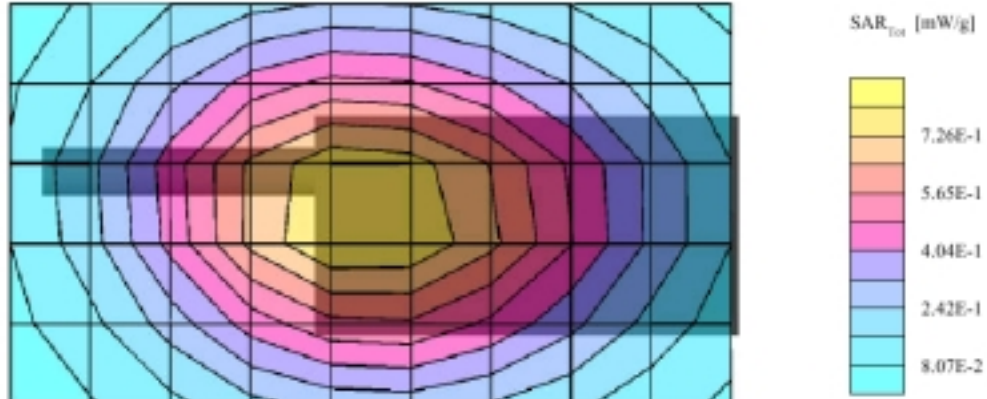
Probe: ET3DV6 - SN1577; ConvF(7.44,7.44,7.44); Crest factor: 1.0; Head 450 MHz: $\sigma = 0.83 \text{ mho/m}$, $\epsilon_r = 44.0$, $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.777 mW/g, SAR (10g): 0.568 mW/g, (Worst-case extrapolation)

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: -1.25 dB

Liquid Temperature: 21.8°C



COMPLIANCE CERTIFICATION SERVICES

SAR vs. Z-Axis Plot

Face held configuration (25mm separation), high channel frequency

12/20/01

TTI TECH CO., LTD. (MODEL GMRS 1200)

Face held configuration (25 mm separation), high channel

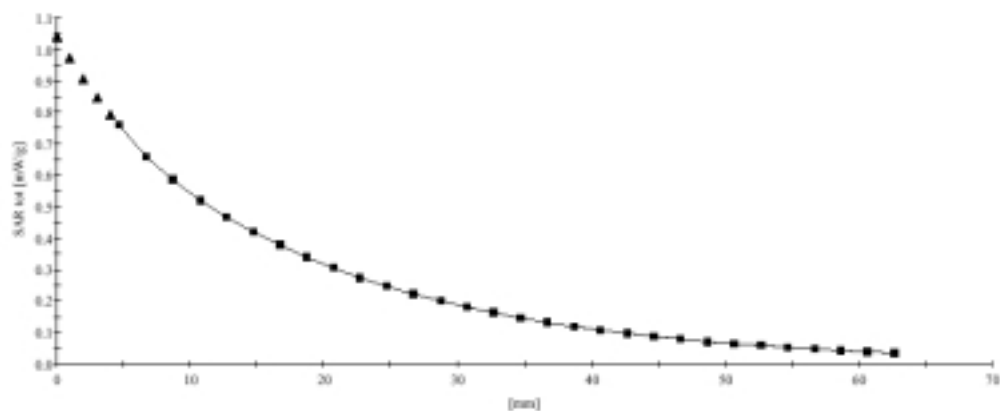
Generic Twin Phantom; Section; Position ; Frequency: 450 MHz

Probe: ET3DV6 - SN1577; ConvF(7.44,7.44,7.44); Crest factor: 1.0; Head 450 MHz: $\sigma = 0.83 \text{ mho/m}$, $\epsilon_r = 44.0$, $\rho = 1.00 \text{ g/cm}^3$

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Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 2.0

Liquid Temperature: 21.8°C



COMPLIANCE CERTIFICATION SERVICES

Worst Case SAR Test Plot

Body-worn configuration (2mm Phantom Thickness Separation), low channel frequency

12/17/01

TTI TECH CO., LTD. (MODEL GMRS 1200)

Body worn configuration (0 mm separation), low channel

Generic Twin Phantom; Flat Section; Position: (270°, 90°); Frequency: 450 MHz

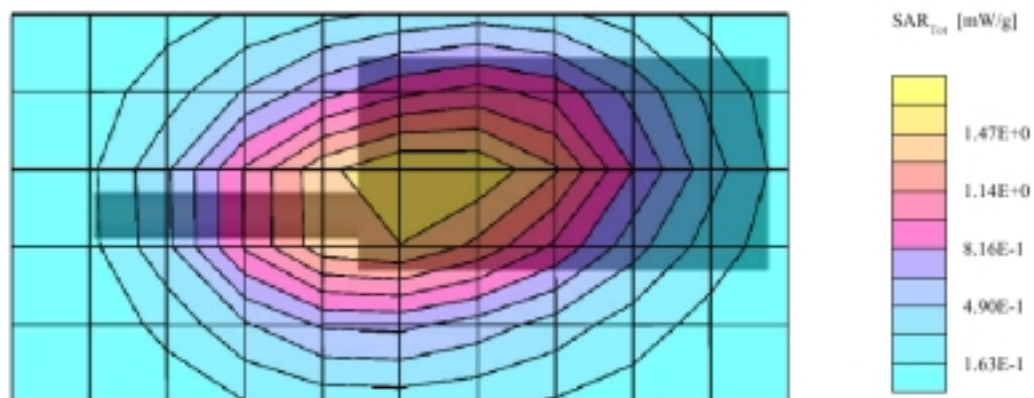
Probe: ET3DV6 - SN1577M; ConvF(7.22,7.22,7.22); Crest factor: 1.0; Muscle 450 MHz: $\sigma = 0.95$ mho/m $\epsilon_r = 56.9$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 1.55 mW/g, SAR (10g): 1.10 mW/g, (Worst-case extrapolation)

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: -1.27 dB

Liquid Temperature: 21.1°C



COMPLIANCE CERTIFICATION SERVICES

Worst Case SAR vs. Z-Axis Plot

Body-worn configuration (2mm Phantom Thickness Separation), low channel frequency

12/17/01

TTI TECH CO., LTD. (MODEL GMRS 1200)

Body worn configuration (0 mm separation), low channel

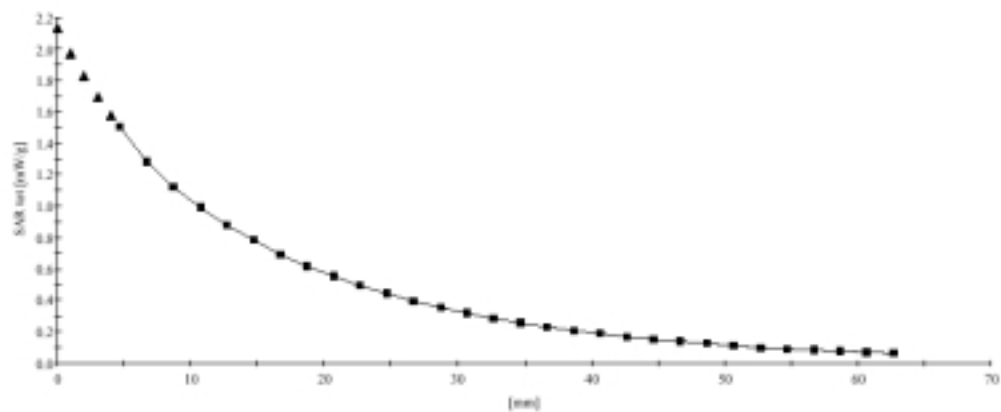
Generic Twin Phantom; Section; Position: ; Frequency: 450 MHz

Probe: ET3DV6 - SN1577M; ConvF(7.22,7.22,7.22); Crest factor: 1.0; Muscle 450 MHz: $\sigma = 0.95 \text{ mho/m}$ $\epsilon_r = 56.9$ $\rho = 1.00 \text{ g/cm}^3$

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Z-Axis: $Dx = 0.0$, $Dy = 0.0$, $Dz = 2.0$

Liquid Temperature: 21.1°C



COMPLIANCE CERTIFICATION SERVICES

SAR Test Plot

Body-worn configuration (2mm phantom thickness Separation), high channel frequency

12/17/01

TTI TECH CO., LTD. (MODEL GMRS 1200)

Body worn configuration (0 mm separation), high channel

Generic Twin Phantom; Flat Section; Position: (270°,90°); Frequency: 450 MHz

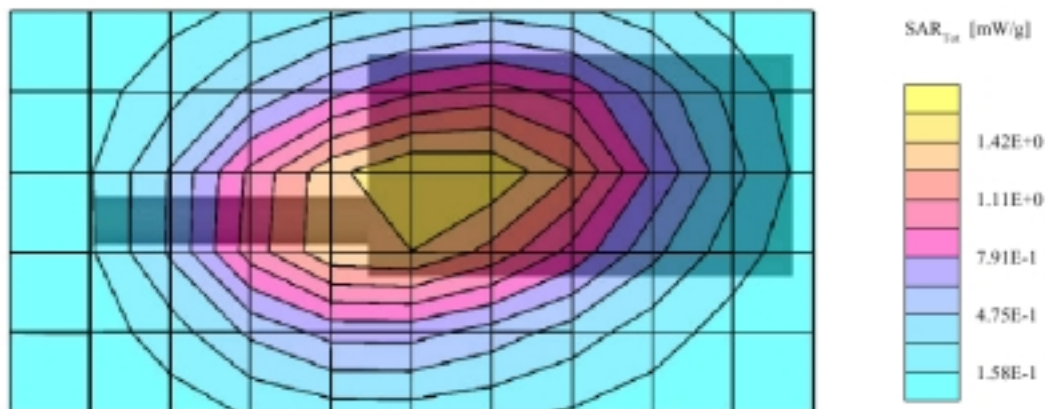
Probe: ET3DV6 - SN1577M; ConvF(7.22,7.22,7.22); Crest factor: 1.0; Muscle 450 MHz: $\sigma = 0.95 \text{ mho/m}$, $\epsilon_r = 56.9$, $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 1.50 mW/g, SAR (10g): 1.06 mW/g, (Worst-case extrapolation)

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: -1.11 dB

Liquid Temperature: 21.0°C



COMPLIANCE CERTIFICATION SERVICES

SAR vs. Z-Axis Plot

Body-worn configuration (2mm Phantom Thickness Separation), high channel frequency

12/17/01

TTI TECH CO., LTD. (MODEL GMRS 1200)

Body worn configuration (0 mm separation), high channel

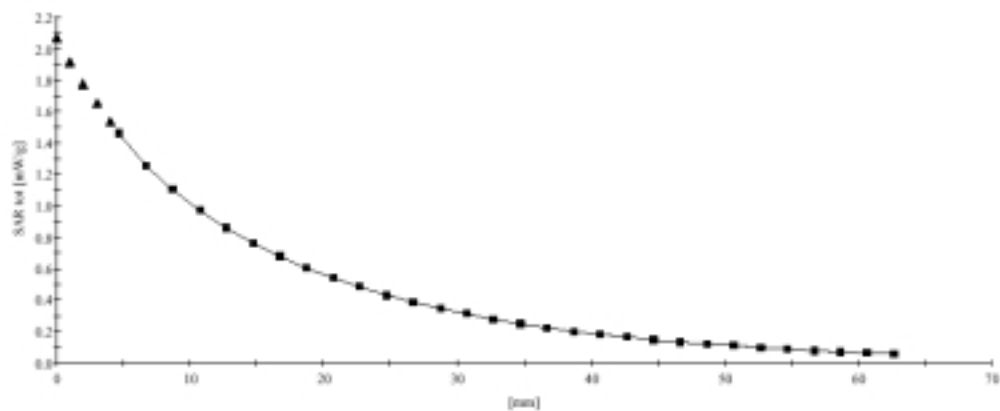
Generic Twin Phantom; Section; Position ; Frequency: 450 MHz

Probe: ET3DV6 - SN1577M; ConvF(7.22,7.22,7.22); Crest factor: 1.0; Muscle 450 MHz: $\sigma = 0.95$ mho/m $\epsilon_r = 56.9$ $\rho = 1.00$ g/cm³

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Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 2.0

Liquid Temperature: 21.0°C



COMPLIANCE CERTIFICATION SERVICES

