

APPENDIX A – SAR TEST PLOTS

SP 6402

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 450 MHz

Probe: ET3DV6 - SN1798; ConvF(7.72,7.72,7.72); Crest factor: 1.0; Head 450 MHz: $\sigma = 0.85 \text{ mho/m}$, $\epsilon_r = 44.5$, $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 5.10 mW/g, SAR (10g): 3.67 mW/g

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

Peak: 7.85 mW/g; Powerdrift: -0.29 dB

Comment :

FCC ID : RXUSP6402

Company: MAXON TELECOM CO., LTD.

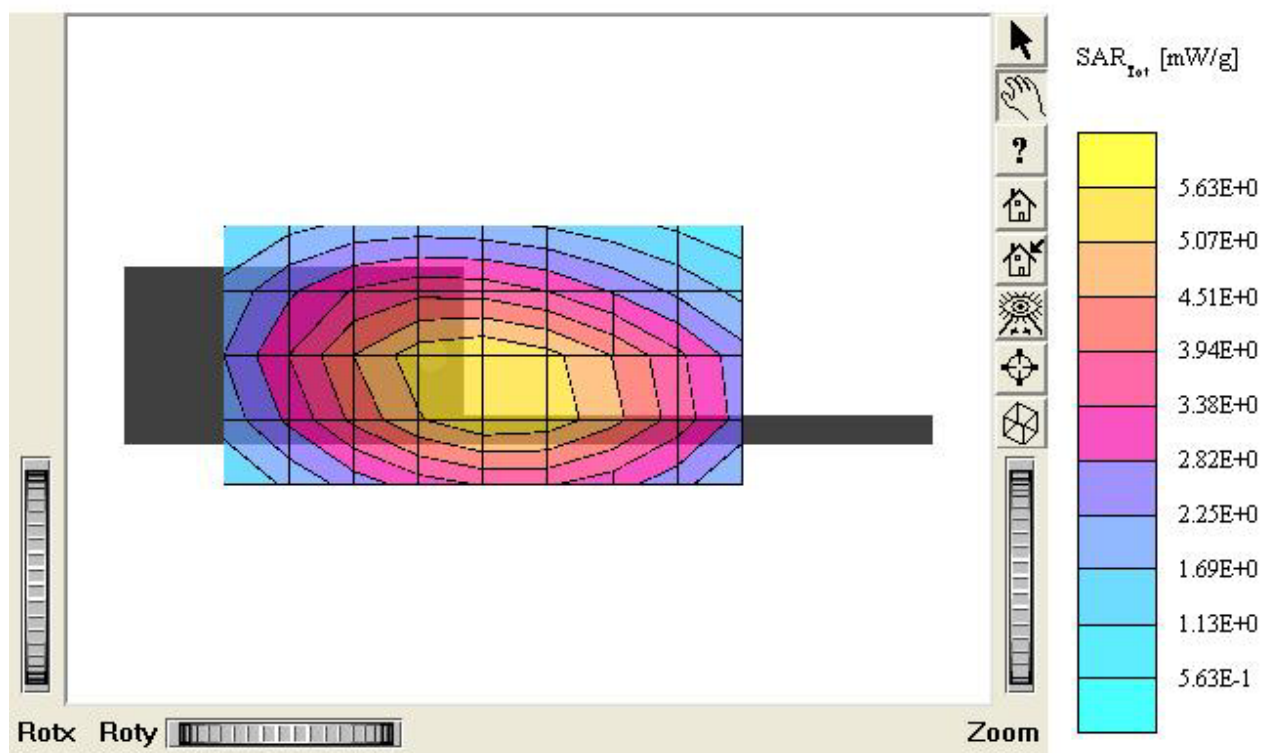
Head / Antenna: fixed

Conducted Power: 5.03W

Mode: FM GMRS Channel: F1 (440.075 MHz)

Liquid Temperature: 21.6 °C

Date Tested: November 2, 2005



SP 6402

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 450 MHz

Probe: ET3DV6 - SN1798; ConvF(7.72,7.72,7.72); Crest factor: 1.0; Head 450 MHz: $\sigma = 0.85$ mho/m $\epsilon_r = 44.5$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 6.39 mW/g, SAR (10g): 4.57 mW/g

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

Peak: 9.94 mW/g; Powerdrift: -0.57 dB

Comment :

FCC ID : RXUSP6402

Company: MAXON TELECOM CO., LTD.

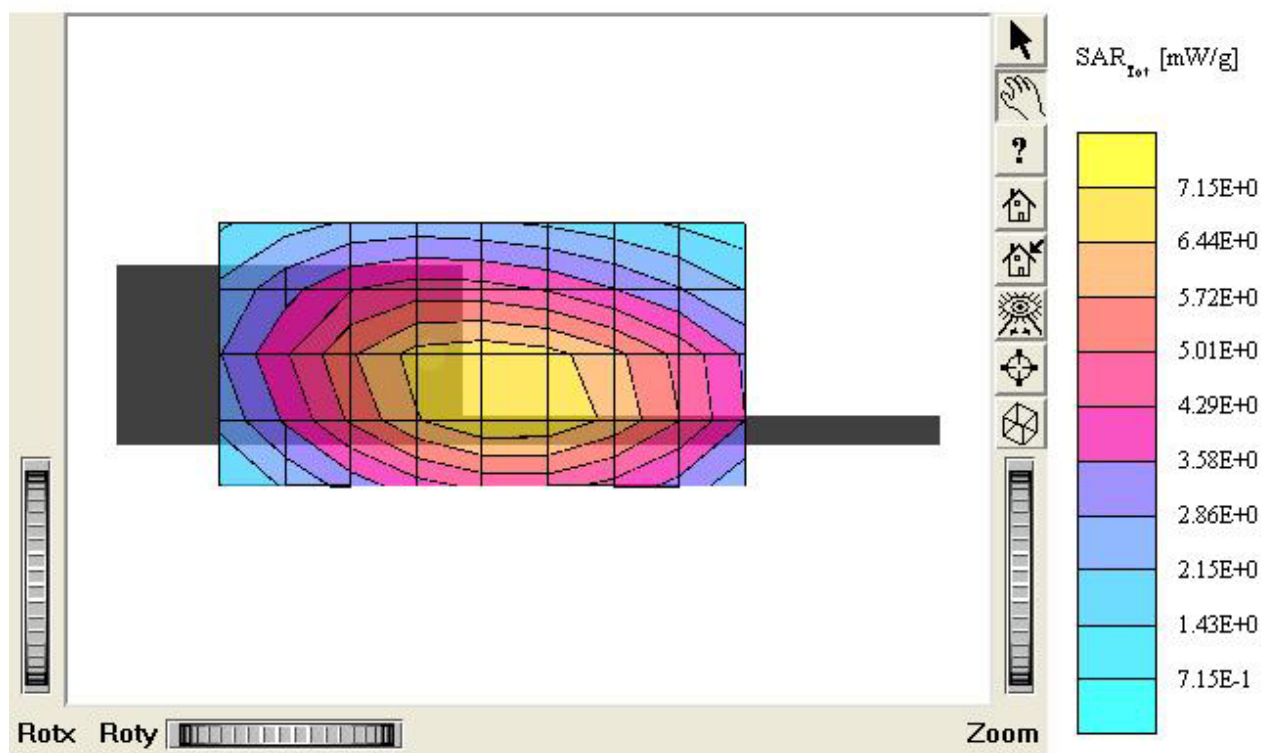
Head / Antenna: fixed

Conducted Power: 5.04W

Mode: FM GMRS Channel: F2 (455.075 MHz)

Liquid Temperature: 21.6 °C

Date Tested: November 2, 2005



SP 6402

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 450 MHz

Probe: ET3DV6 - SN1798; ConvF(7.72,7.72,7.72); Crest factor: 1.0; Head 450 MHz: $\sigma = 0.85 \text{ mho/m}$, $\epsilon_r = 44.5$, $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR(1g): 6.77 mW/g, SAR(10g): 4.83 mW/g

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

Peak: 10.5 mW/g; Powerdrift: -0.75 dB

Comment :

FCC ID : RXUSP6402

Company: MAXON TELECOM CO., LTD.

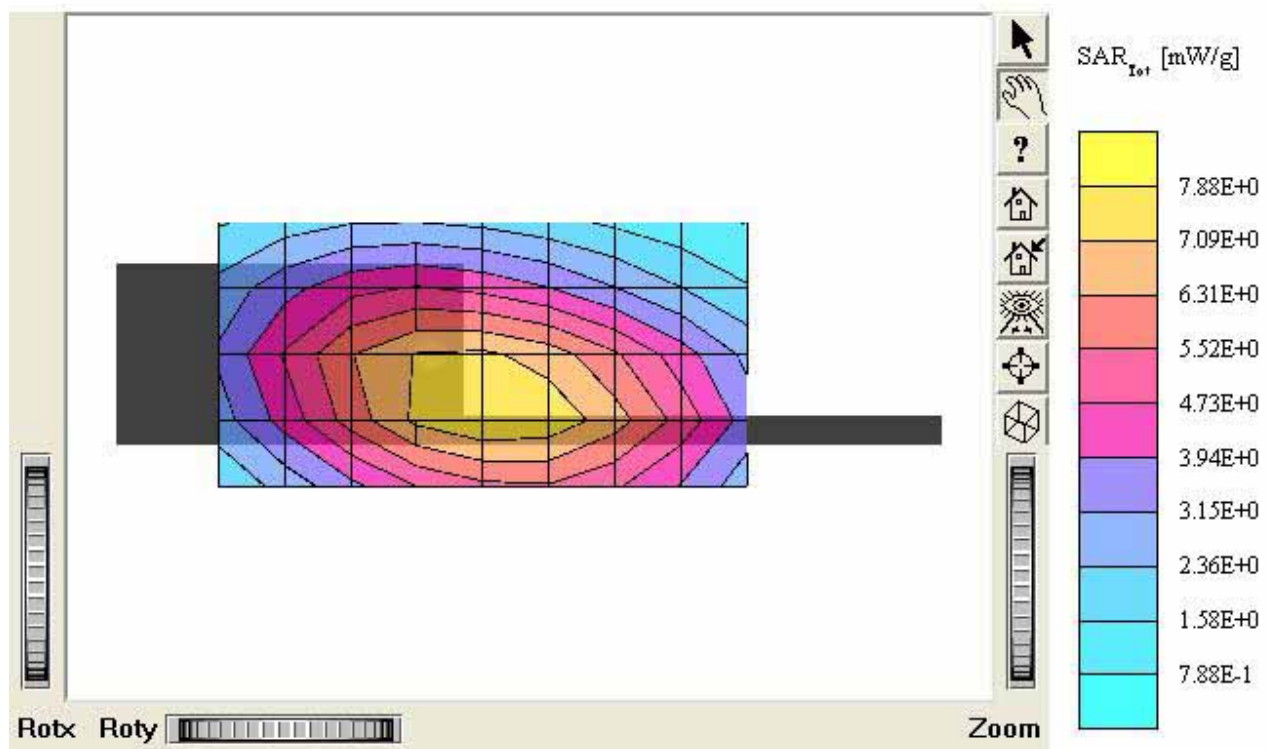
Head / Antenna: fixed

Conducted Power: 5.04W

Mode: FM GMRS Channel: F3 (469.975 MHz)

Liquid Temperature: 21.6 °C

Date Tested: November 2, 2005



SP 6402 (Body)

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 450 MHz

Probe: ET3DV6 - SN1798; ConvF(7.73,7.73,7.73); Crest factor: 1.0; Body 450 MHz: $\sigma = 0.94 \text{ mho/m}$, $\epsilon_r = 55.4$, $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 5.20 mW/g, SAR (10g): 3.66 mW/g

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

Peak: 8.30 mW/g; Powerdrift: -0.43 dB

Comment :

FCC ID : RXUSP6402

Company: MAXON TELECOM CO., LTD.

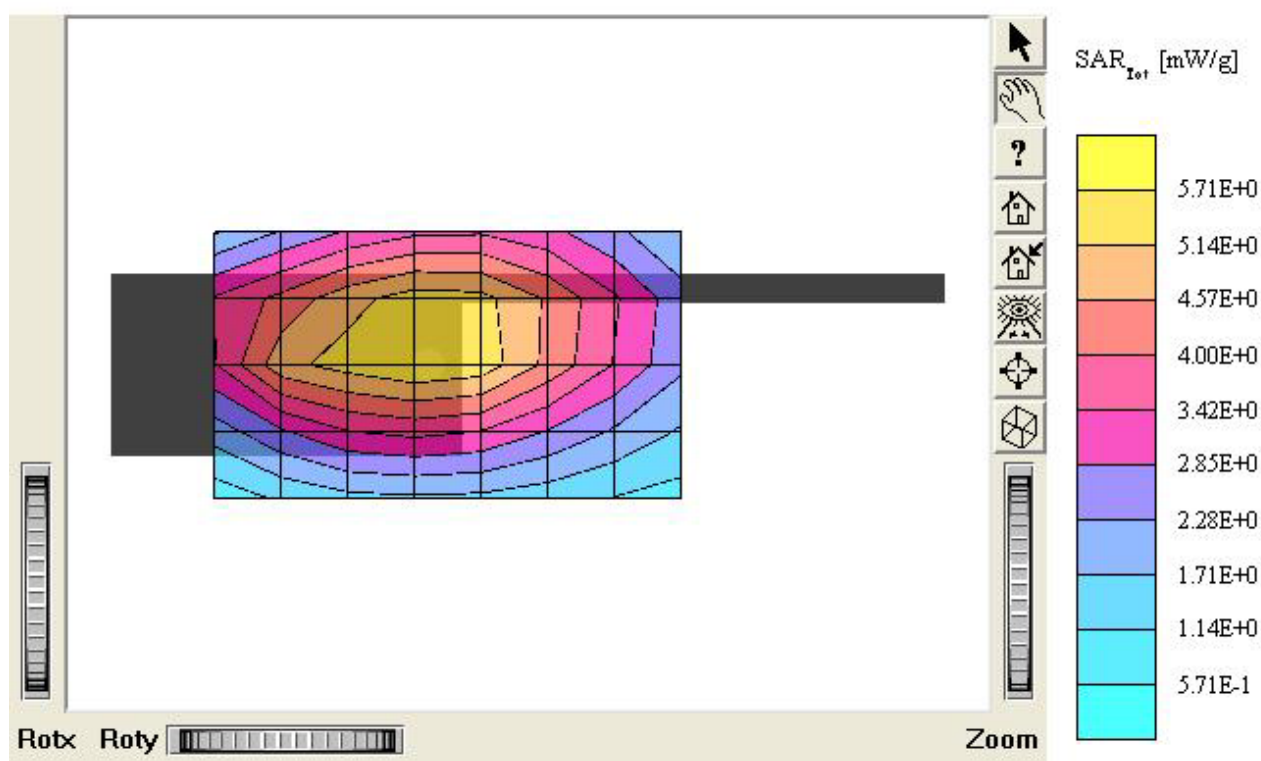
Body / Antenna: fixed

Conducted Power: 5.05W

Mode: FM GMRS Channel: F1 (440.075 MHz)

Liquid Temperature: 21.6 °C

Date Tested: November 2, 2005



SP 6402 (Body)

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 450 MHz

Probe: ET3DV6 - SN1798; ConvF(7.73,7.73,7.73); Crest factor: 1.0; Body 450 MHz: $\sigma = 0.94 \text{ mho/m}$ $\epsilon_r = 55.4$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 6.80 mW/g, SAR (10g): 4.74 mW/g

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

Peak: 11.2 mW/g; Powerdrift: -0.54 dB

Comment :

FCC ID : RXUSP6402

Company: MAXON TELECOM CO., LTD.

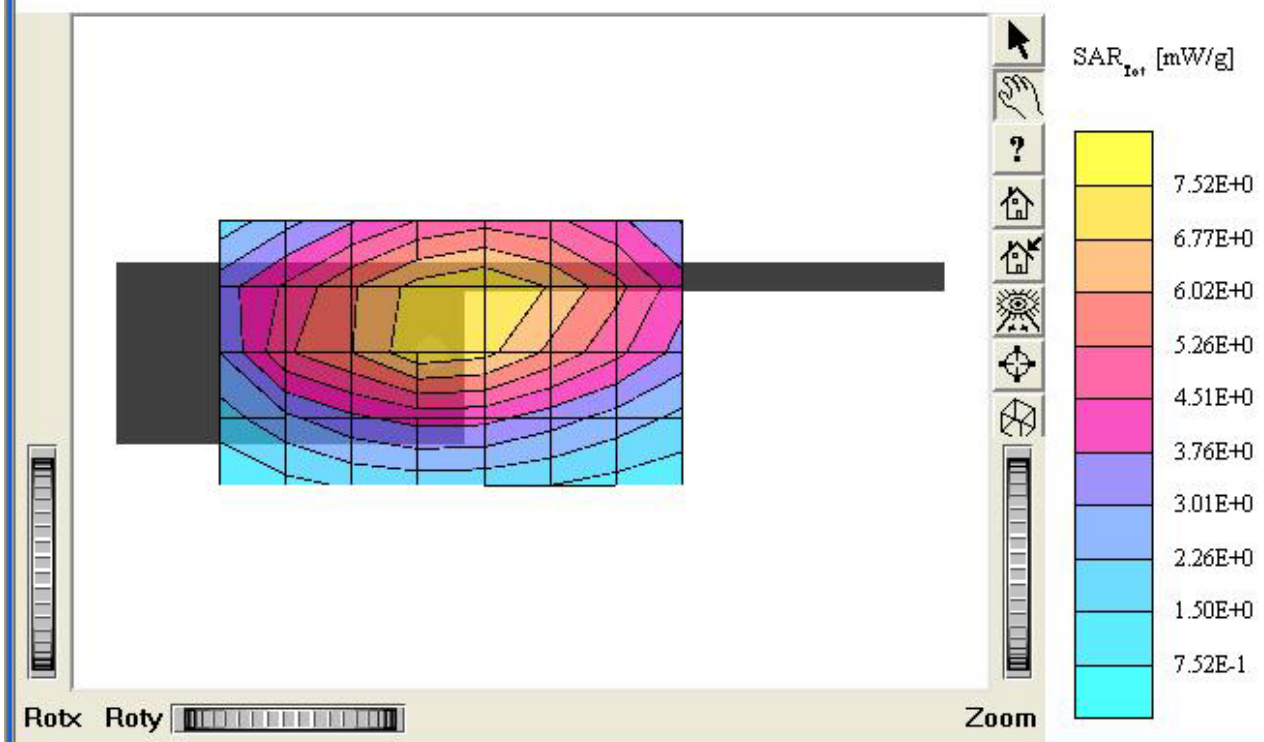
Body / Antenna: fixed

Conducted Power: 5.02W

Mode: FM GMRS Channel: F2 (455.075 MHz)

Liquid Temperature: 21.6 °C

Date Tested: November 2, 2005



SP 6402 (Body)

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 450 MHz

Probe: ET3DV6 - SN1798; ConvF(7.73,7.73,7.73); Crest factor: 1.0; Body 450 MHz: $\sigma = 0.94$ mho/m $\epsilon_r = 55.4$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 6.06 mW/g; SAR (10g): 4.24 mW/g

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

Peak: 9.72 mW/g; Powerdrift: -0.66 dB

Comment :

FCC ID : RXUSP6402

Company: MAXON TELECOM CO., LTD.

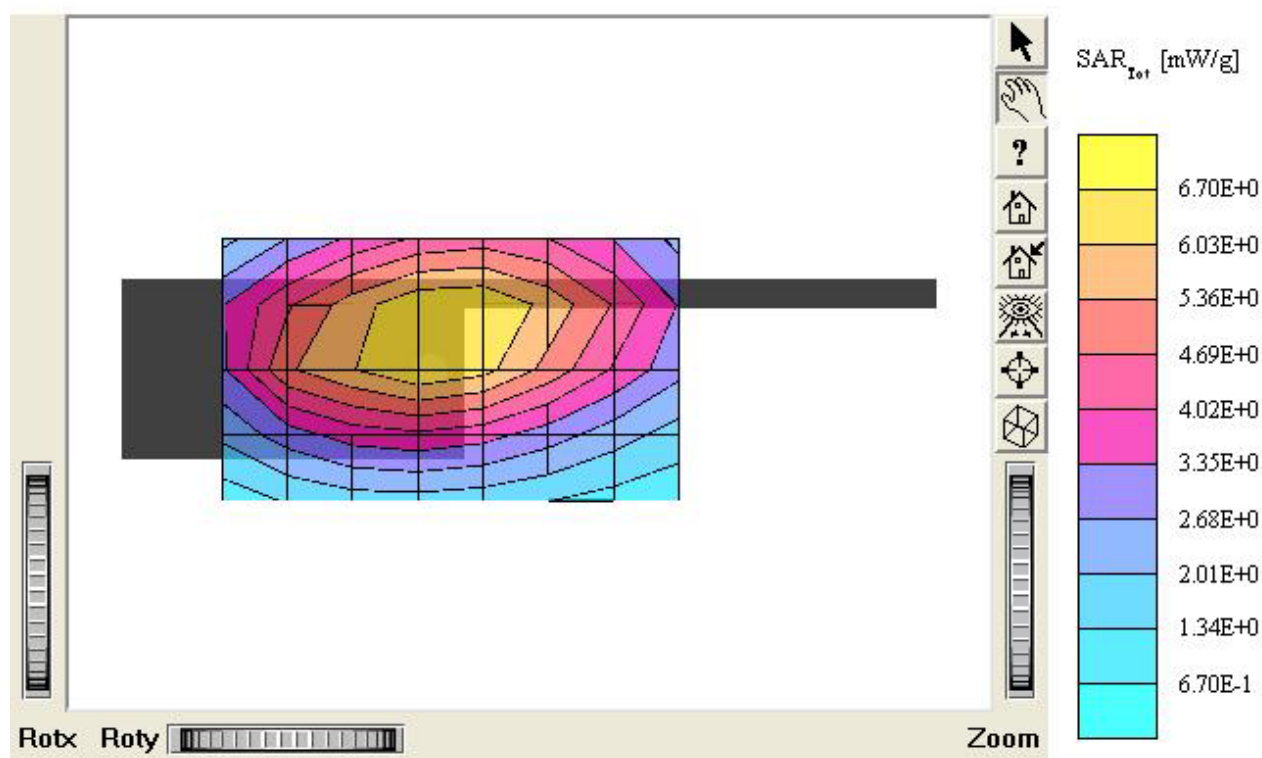
Body / Antenna: fixed

Conducted Power: 5.04W

Mode: FM GMRS Channel: F3 (462.5500 MHz)

Liquid Temperature: 21.6 °C

Date Tested: November 2, 2005



SP 6402

SAM I Phantom; Section; Position: ; Frequency: 450 MHz

Probe: ET3DV6 - SN1798; ConvF(7.72,7.72,7.72); Crest factor: 1.0; Head 450 MHz: $\sigma = 0.85 \text{ mho/m}$ $\epsilon_r = 44.5$ $\rho = 1.00 \text{ g/cm}^3$

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Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 5.0

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Comment :

FCC ID : RXUSP6402

Company: MAXON TELECOM CO., LTD.

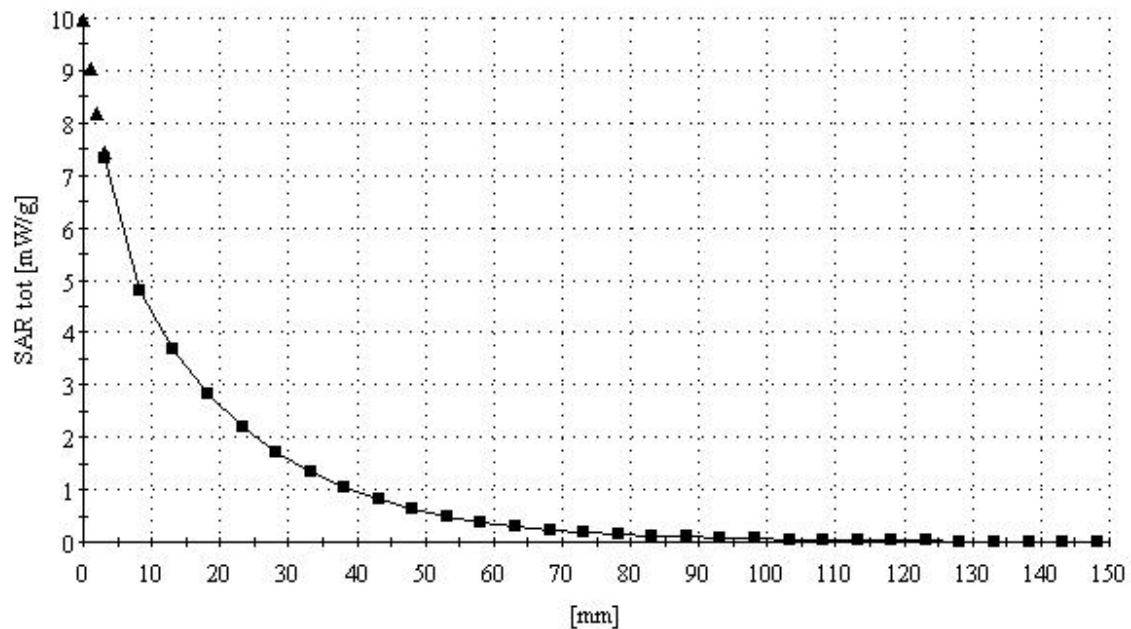
Head / Antenna: fixed

Conducted Power: 5.04W

Mode: FM GMRS Channel: F3 (469.975 MHz)

Liquid Temperature: 21.6 °C

Date Tested: November 2, 2005



SP 6402 (Body)

SAM I Phantom; Section; Position: ; Frequency: 450 MHz

Probe: ET3DV6 - SN1798; ConvF(7.73,7.73,7.73); Crest factor: 1.0; Body 450 MHz: $\sigma = 0.94$ mho/m $\epsilon_r = 55.4$ $\rho = 1.00$ g/cm³

:

Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 5.0

:

Comment :

FCC ID : RXUSP6402

Company: MAXON TELECOM CO., LTD.

Body / Antenna: fixed

Conducted Power: 5.02W

Mode: FM GMRS Channel: F2 (455.075 MHz)

Liquid Temperature: 21.6 °C

Date Tested: November 2, 2005

