

MG105

SAM II Phantom; Left Hand [CRP] Section; Position: (90°,180°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 8.0; Head 1900

MHz: $\sigma = 1.45 \text{ mho/m}$ $\epsilon_r = 38.7$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.650 mW/g, SAR (10g): 0.321 mW/g

Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0

Powerdrift: -0.26 dB

Comment :

MODEL : MG105, B2100

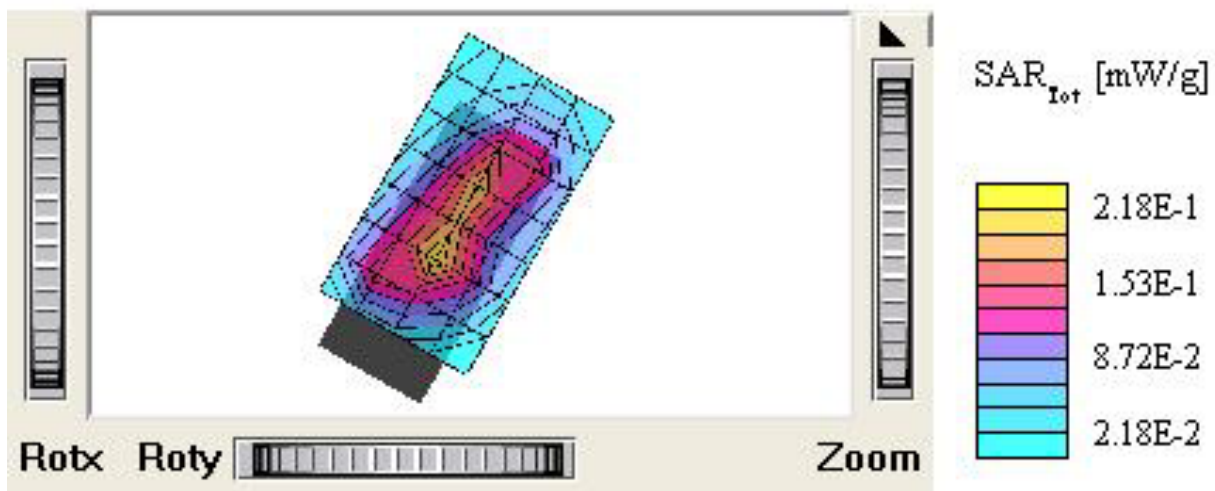
Company : LG Electronics Inc.

Test Position: Left Touch / Antenna: Fixed

Mode: GSM1900 / Channel : 512

Liquid Temperature: 21.9°C

Date Tested : April 28, 2005



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MHz: $\sigma = 1.45$ mho/m $\epsilon_r = 38.7$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR(1g): 0.547 mW/g, SAR(10g): 0.279 mW/g

Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0

Powerdrift: -0.02 dB

Comment :

MODEL : MG105, B2100

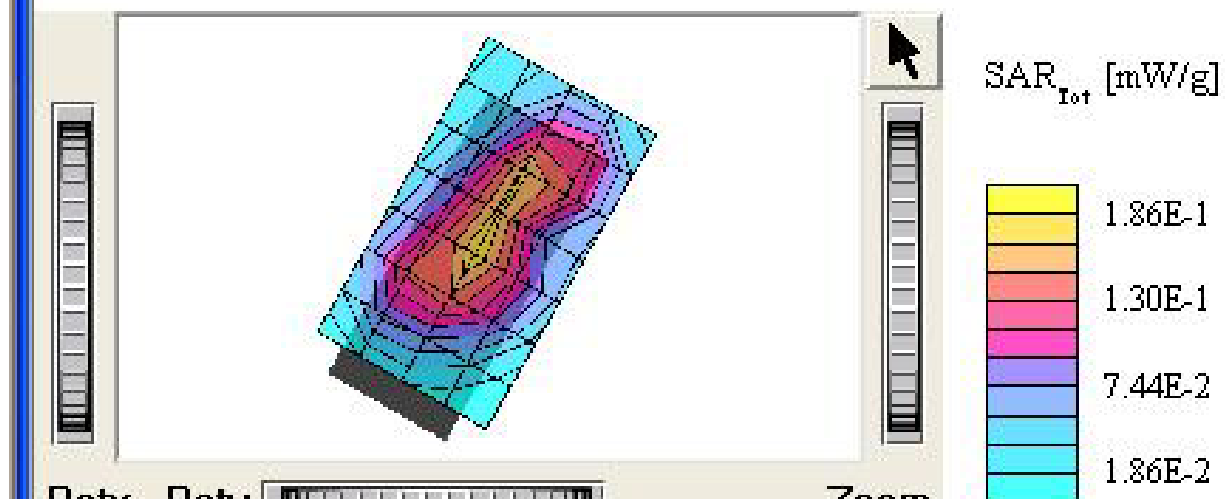
Company : LG Electronics Inc.

Test Position: Left Touch / Antenna: Fixed

Mode: GSM1900 / Channel : 661

Liquid Temperature: 21.9°C

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Frequency: 1900 MHz

Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 8.0; Head

1900 MHz: $\sigma = 1.45$ mho/m $\epsilon_r = 38.7$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.333 mW/g, SAR (10g): 0.183 mW/g

Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0

Powerdrift: 0.03 dB

Comment :

MODEL : MG105, B2100

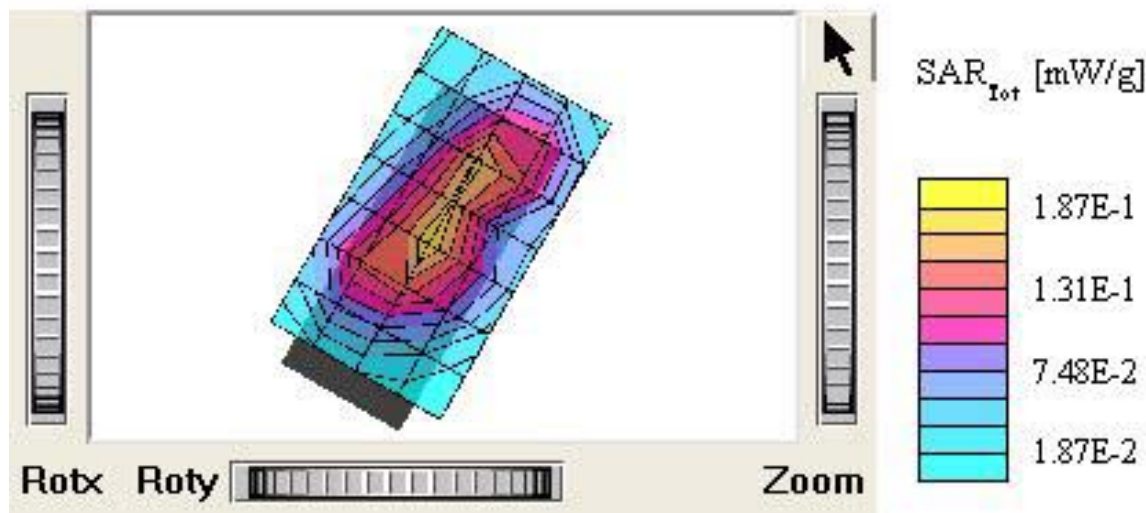
Company : LG Electronics Inc.

Test Position: Left Touch / Antenna: Fixed

Mode: GSM1900 / Channel : 810

Liquid Temperature: 21.9°C

Date Tested : April 28, 2005



MG105

SAM II Phantom; Right Hand [CRP] Section; Position: (90°,180°);

Frequency: 1900 MHz

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1900 MHz: $\sigma = 1.45 \text{ mho/m}$, $\epsilon_r = 38.7$, $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR(1g): 0.639 mW/g, SAR(10g): 0.363 mW/g

Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0

Powerdrift: 0.03 dB

Comment :

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1900 MHz: $\sigma = 1.45 \text{ mho/m}$, $\epsilon_r = 38.7$, $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR(1g): 0.551 mW/g, SAR(10g): 0.316 mW/g

Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0

Powerdrift: -0.02 dB

Comment :

MODEL : MG105, B2100

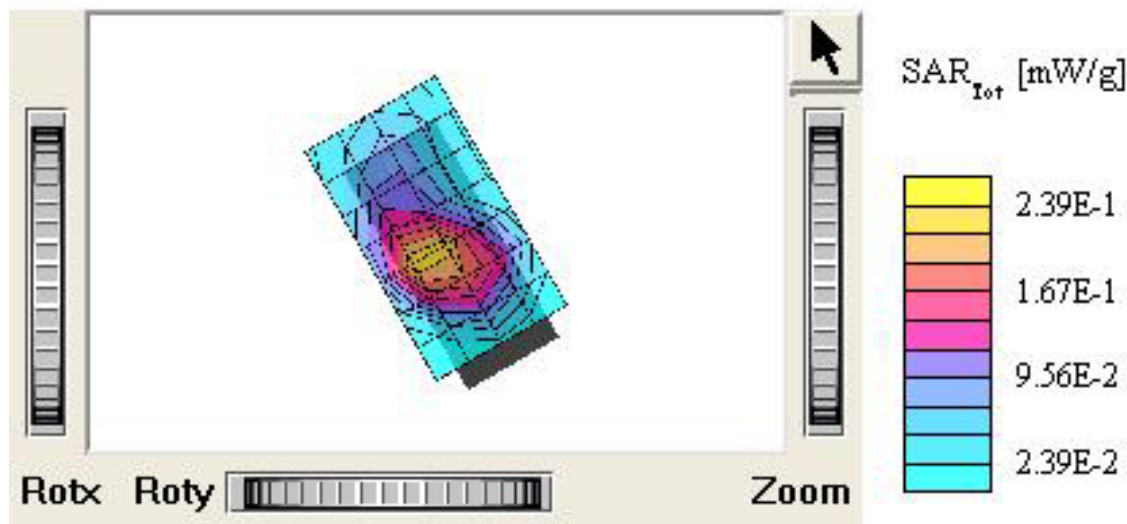
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Frequency: 1900 MHz

Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 8.0; Head

1900 MHz: $\sigma = 1.45 \text{ mho/m}$, $\epsilon_r = 38.7$, $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.338 mW/g, SAR (10g): 0.196 mW/g

Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0

Powerdrift: 0.05 dB

Comment :

MODEL : MG105, B2100

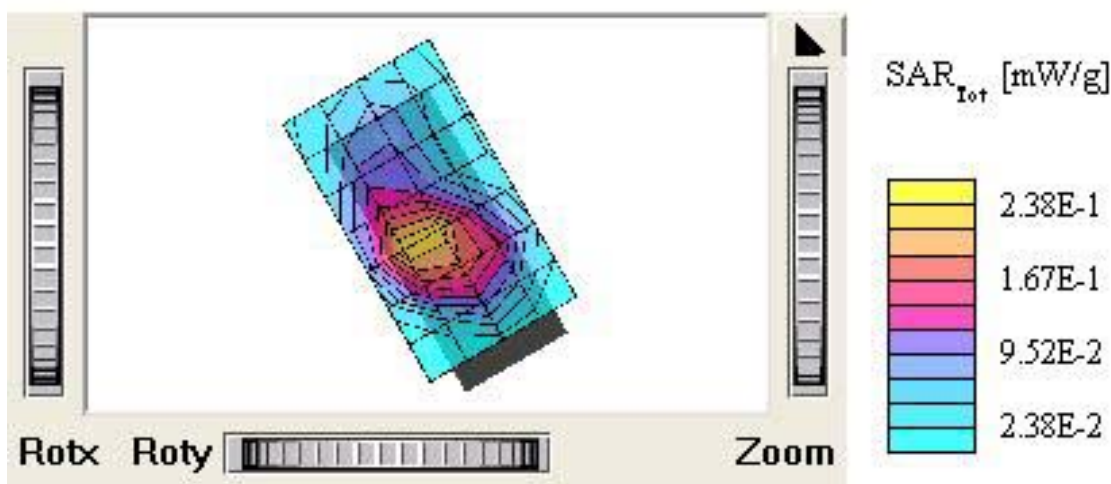
Company : LG Electronics Inc.

Test Position: Right Touch / Antenna: Fixed

Mode: GSM1900 / Channel : 810

Liquid Temperature: 21.9°C

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SAM II Phantom; Left Hand [CRP] Section; Position: (90°,180°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 8.0; Head 1900

MHz: $\sigma = 1.45 \text{ mho/m}$, $\epsilon_r = 38.7$, $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.694 mW/g, SAR (10g): 0.374 mW/g

Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0

Powerdrift: -0.15 dB

Comment :

MODEL : MG105, B2100

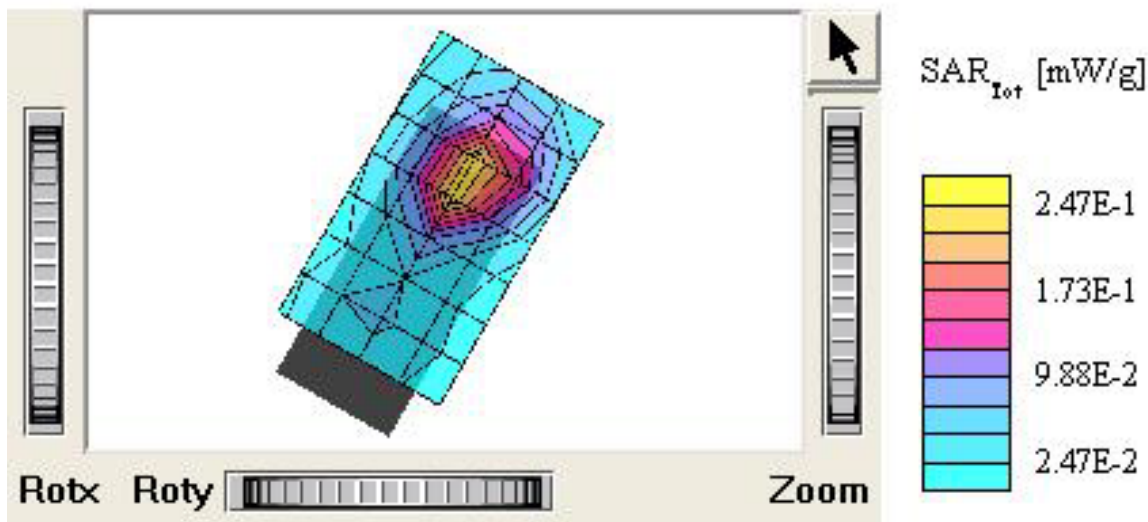
Company : LG Electronics Inc.

Test Position: Left Tilt 15° / Antenna: Fixed

Mode: GSM1900 / Channel : 512

Liquid Temperature: 21.9°C

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SAM II Phantom; Left Hand [CRP] Section; Position: (90°,180°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 8.0; Head 1900

MHz: $\sigma = 1.45 \text{ mho/m}$ $\epsilon_r = 38.7$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.638 mW/g, SAR (10g): 0.342 mW/g

Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0

Powerdrift: -0.14 dB

Comment :

MODEL : MG105, B2100

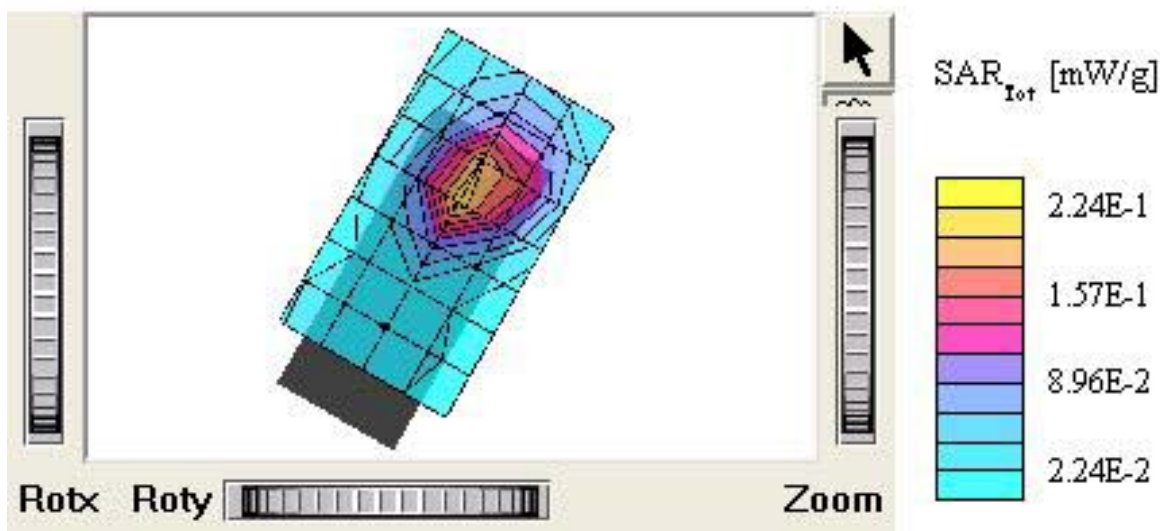
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Liquid Temperature: 21.9°C

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SAM II Phantom; Left Hand [CRP] Section; Position: (90°,180°);

Frequency: 1900 MHz

Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 8.0; Head

1900 MHz: $\sigma = 1.45 \text{ mho/m}$, $\epsilon_r = 38.7$, $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.408 mW/g, SAR (10g): 0.221 mW/g

Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0

Powerdrift: -0.02 dB

Comment :

MODEL : MG105, B2100

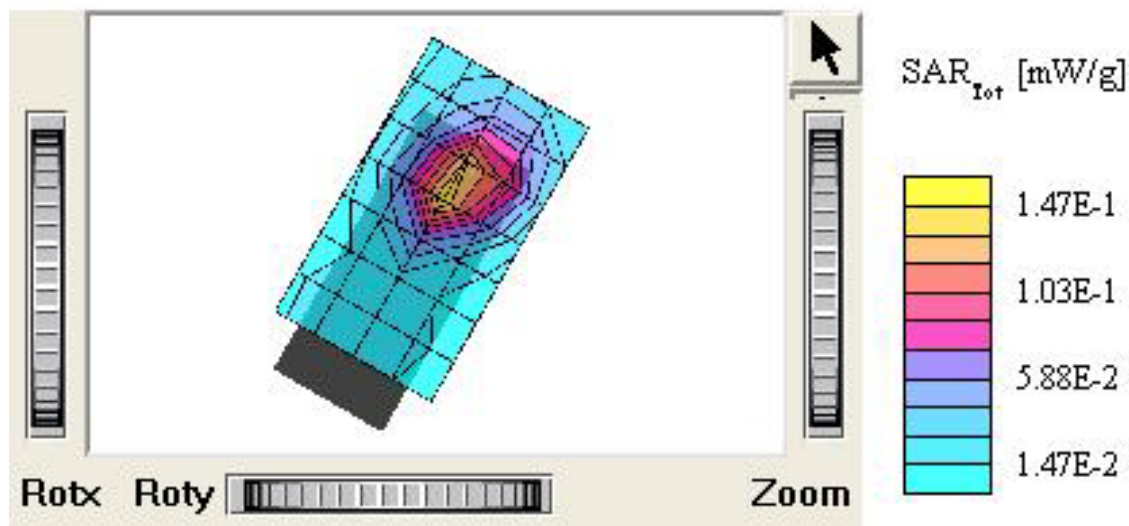
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Frequency: 1900 MHz

Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 8.0; Head 1900

MHz: $\sigma = 1.45 \text{ mho/m}$ $\epsilon_r = 38.7$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.695 mW/g, SAR (10g): 0.379 mW/g

Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0

Powerdrift: -0.00 dB

Comment :

MODEL : MG105, B2100

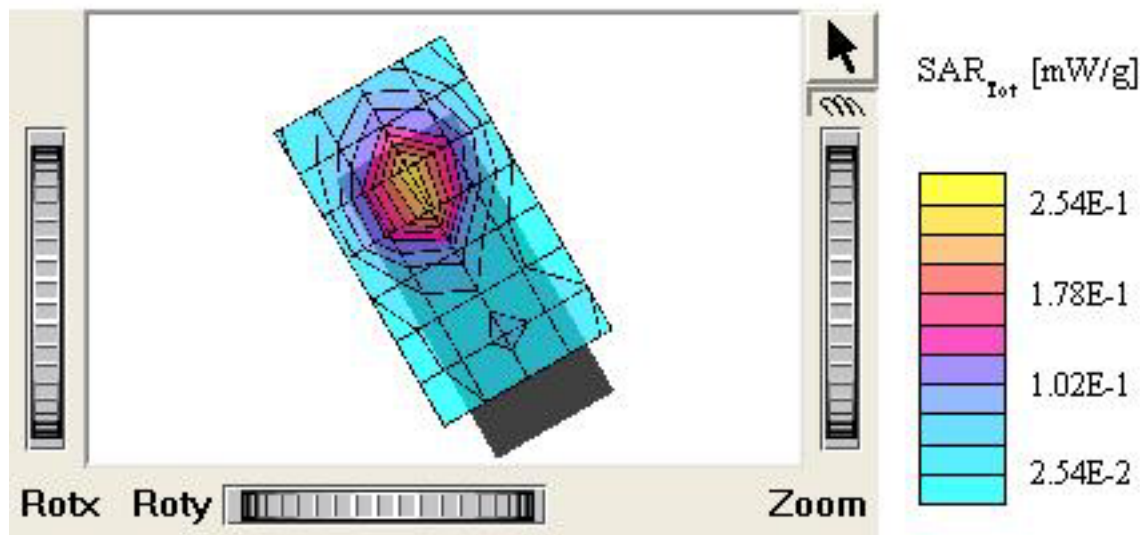
Company : LG Electronics Inc.

Test Position: Right Tilt 15°/ Antenna: Fixed

Mode: GSM1900 / Channel : 512

Liquid Temperature: 21.9°C

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Frequency: 1900 MHz

Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 8.0; Head 1900

MHz: $\sigma = 1.45$ mho/m $\epsilon_r = 38.7$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.627 mW/g, SAR (10g): 0.340 mW/g

Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0

Powerdrift: 0.02 dB

Comment :

MODEL : MG105, B2100

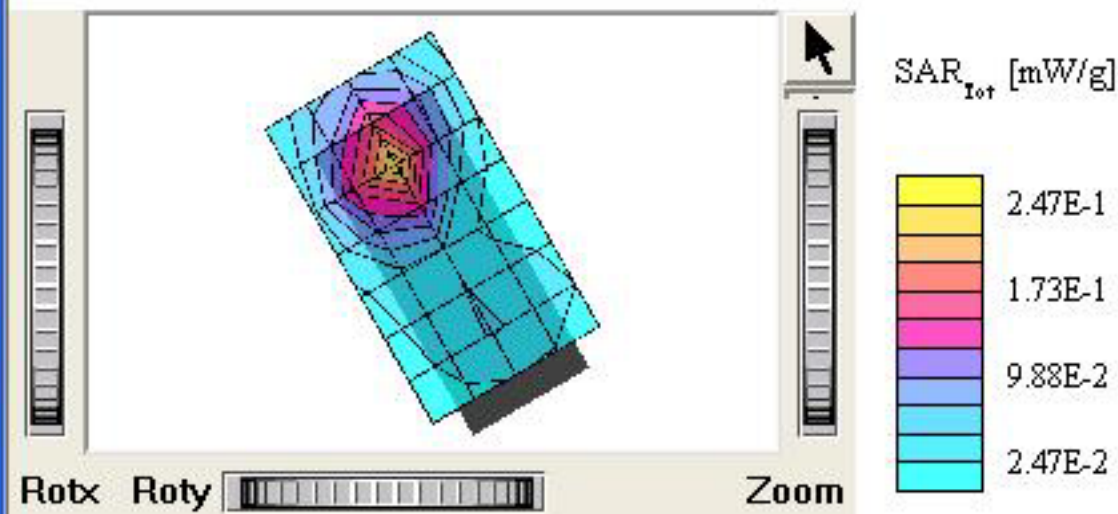
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Frequency: 1900 MHz

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MHz: $\sigma = 1.45 \text{ mho/m}$ $\epsilon_r = 38.7$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR(1g): 0.409 mW/g, SAR(10g): 0.221 mW/g

Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0

Powerdrift: 0.02 dB

Comment :

MODEL : MG105, B2100

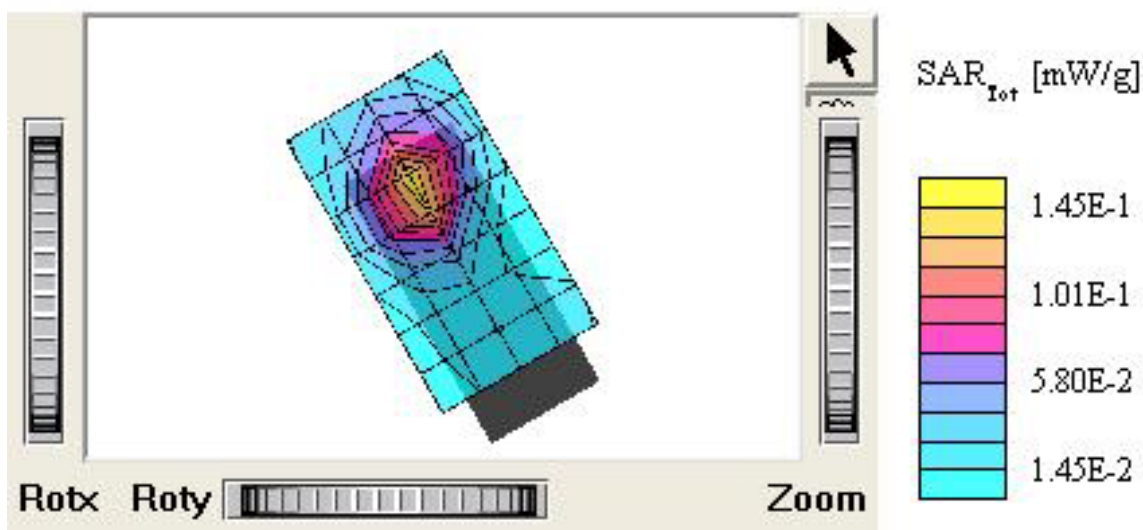
Company : LG Electronics Inc.

Test Position: Right Tilt 15° / Antenna: Fixed

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MG105 (body)

SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1609; ConvF(4.60,4.60,4.60); Crest factor: 4.0; Body 1900

MHz: $\sigma = 1.51$ mho/m $\epsilon_r = 52.5$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.444 mW/g, SAR (10g): 0.279 mW/g

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

Powerdrift: -0.03 dB

Comment :

MODEL : MG105, B2100

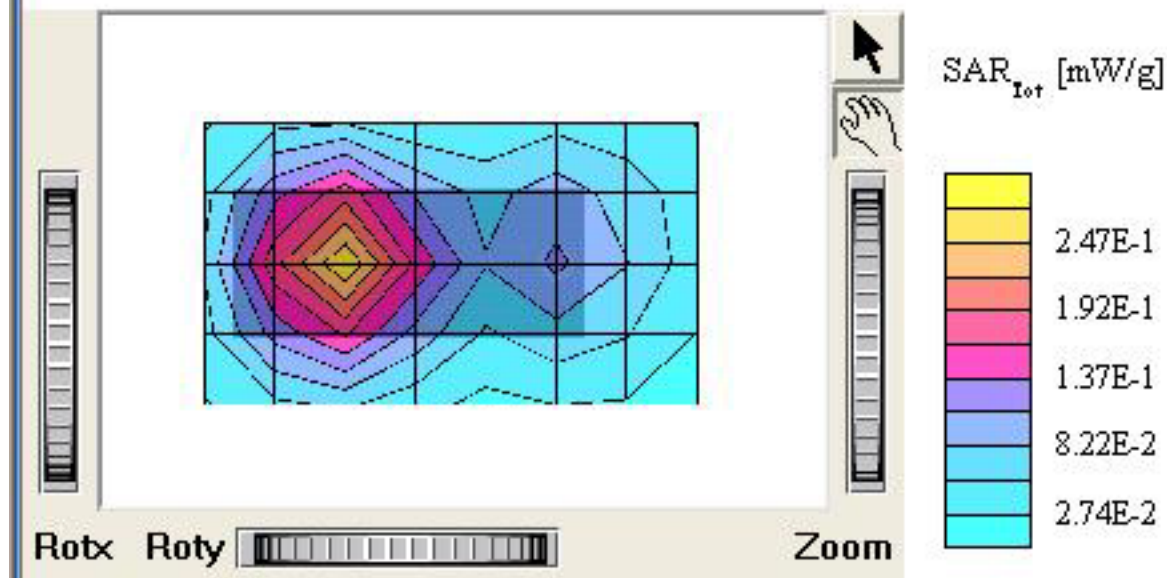
Company : LG Electronics Inc.

Test Position: Body / Antenna: Fixed

Mode: GSM1900 / Channel : 512

Liquid Temperature: 21.9°C

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SAM II Phantom; Section; Position: ; Frequency: 1900 MHz

Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 8.0; Head 1900

MHz: $\sigma = 1.45 \text{ mho/m}$ $\epsilon_r = 38.7$ $\rho = 1.00 \text{ g/cm}^3$

:

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

Comment :

MODEL : MG105, B2100

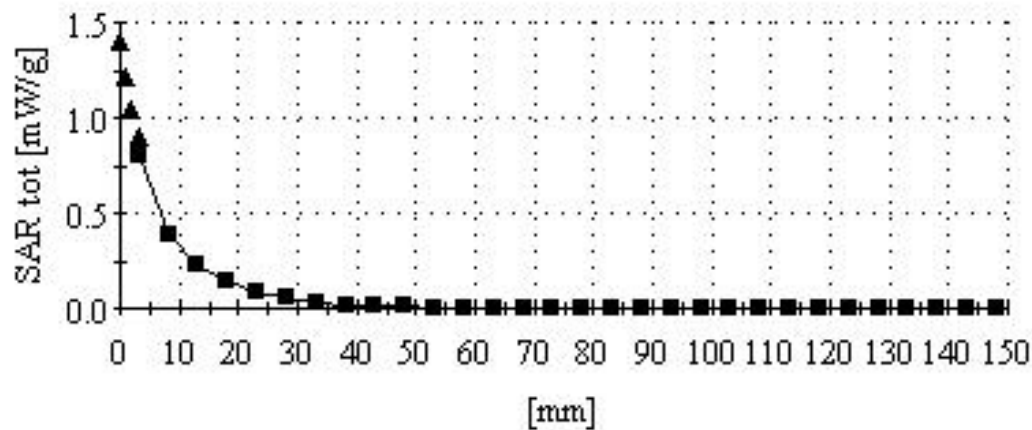
Company : LG Electronics Inc.

Test Position: Right Tilt 15°/ Antenna: Fixed

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MG105 (body)

SAM II Phantom; Section; Position: ; Frequency: 1900 MHz

Probe: ET3DV6 - SN1609; ConvF(4.60,4.60,4.60); Crest factor:4.0; Body 1900

MHz: $\sigma = 1.51 \text{ mho/m}$ $\epsilon_r = 52.5$ $\rho = 1.00 \text{ g/cm}^3$

:

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

Comment :

MODEL : MG105, B2100

Company : LG Electronics Inc.

Test Position: Body / Antenna: Fixed

Mode: GSM1900 / Channel : 512

Liquid Temperature: 21.9°C

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