

SAMSUNG FCC ID : A3L708SC GSM1900 Head SAR

DUT: 708SC; Serial: FD-240-B

Program Name: 708SC GSM1900 Right (Job No. : FD-240)

Procedure Name: Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard

Meas.Ambient Temp(celsius)-21.8, Tissue Temp(celsius)-21.4 ;Test Date-12/Dec/2006

Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(8.32, 8.32, 8.32); Calibrated: 2006-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-11-20
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.0 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 1.25 W/kg

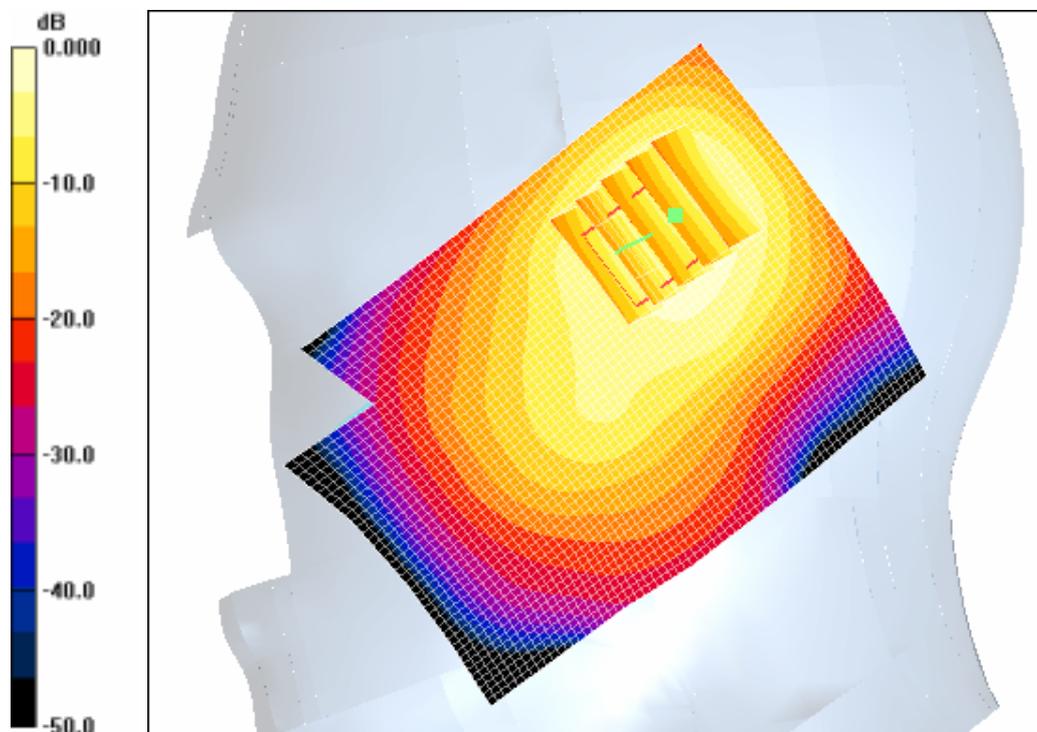
SAR(1 g) = 0.702 mW/g

Maximum value of SAR (measured) = 0.791 mW/g

Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement

grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.935 mW/g



0 dB = 0.935mW/g

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Procedure Name: Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard

Meas.Ambient Temp(celsius)-21.8, Tissue Temp(celsius)-21.4 ;Test Date-12/Dec/2006

Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(8.32, 8.32, 8.32); Calibrated: 2006-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-11-20
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid:

$dx=20$ mm, $dy=20$ mm

Maximum value of SAR (interpolated) = 0.839 mW/g

Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement

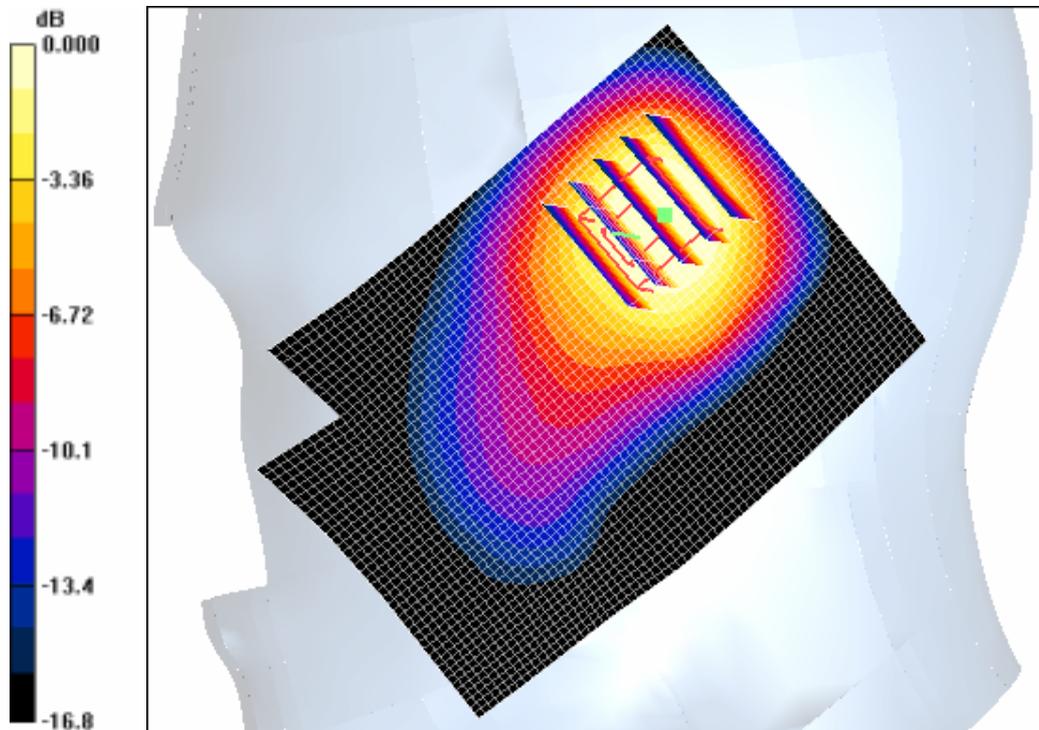
grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.6 V/m; Power Drift = -0.002 dB

Peak SAR (extrapolated) = 0.972 W/kg

SAR(1 g) = 0.542 mW/g

Maximum value of SAR (measured) = 0.604 mW/g



0 dB = 0.604mW/g

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DUT: 708SC; Serial: FD-240-B

Program Name: 708SC GSM1900 Left (Job No. : FD-240)

Procedure Name: Cheek/Touch, Ch.512, Ant.Intenna, Bat.Standard

Meas.Ambient Temp(celsius)-21.8, Tissue Temp(celsius)-21.4 ;Test Date-12/Dec/2006

Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(8.32, 8.32, 8.32); Calibrated: 2006-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-11-20
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.512, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.51 mW/g

Cheek/Touch, Ch.512, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

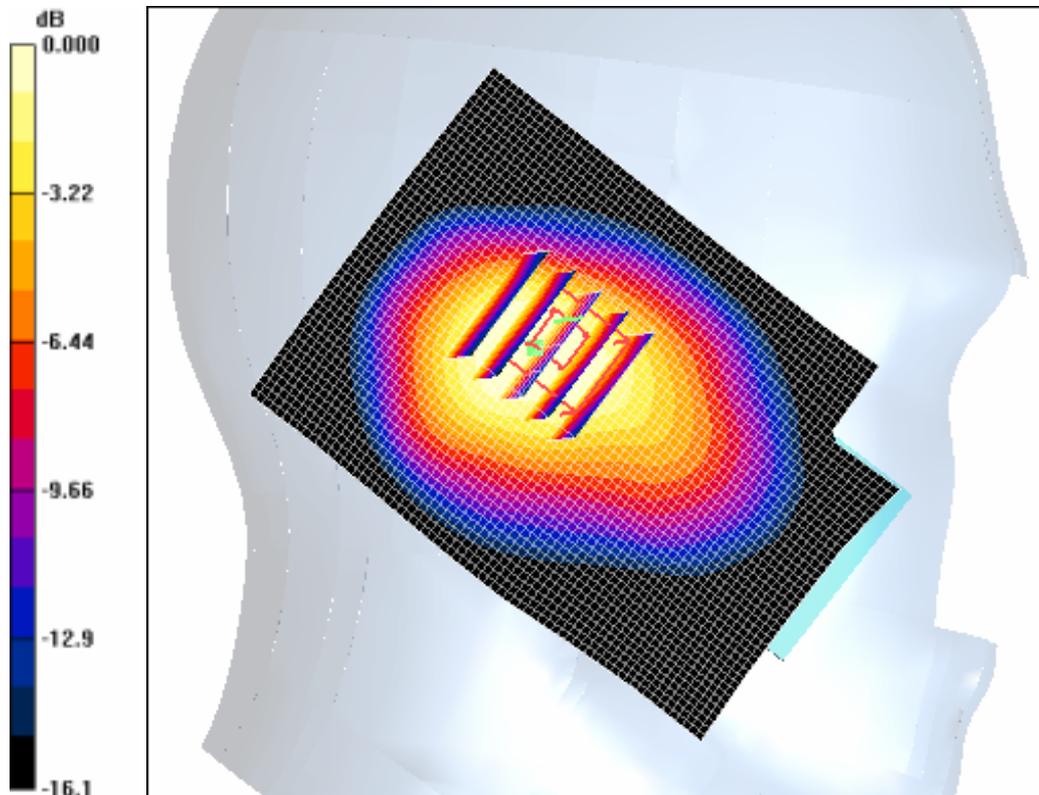
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.3 V/m; Power Drift = 0.025 dB

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 1.06 mW/g

Maximum value of SAR (measured) = 1.14 mW/g



0 dB = 1.14mW/g

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DUT: 708SC; Serial: FD-240-B

Program Name: 708SC GSM1900 Left (Job No. : FD-240)

Procedure Name: Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard

Meas.Ambient Temp(celsius)-21.8, Tissue Temp(celsius)-21.4 ; Test Date- 12/Dec/2006

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(8.32, 8.32, 8.32); Calibrated: 2006-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-11-20
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.9 V/m; Power Drift = -0.040 dB

Peak SAR (extrapolated) = 0.817 W/kg

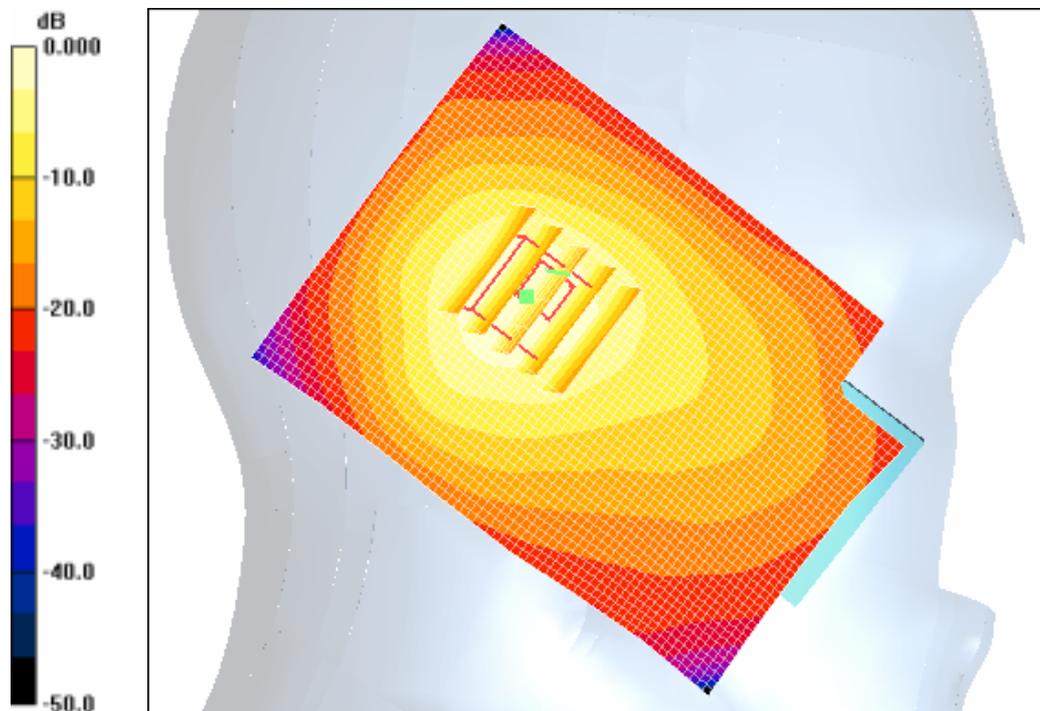
SAR(1 g) = 0.504 mW/g

Maximum value of SAR (measured) = 0.533 mW/g

Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.783 mW/g



0 dB = 0.783mW/g

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DUT: 708SC; Serial: FD-240-B

Program Name: 708SC GSM1900 Left (Job No. : FD-240)

Procedure Name: Cheek/Touch, Ch.512, Ant.Intenna, Bat.Standard

Meas.Ambient Temp(celsius)-21.8, Tissue Temp(celsius)-21.4 ;Test Date-12/Dec/2006

Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(8.32, 8.32, 8.32); Calibrated: 2006-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-11-20
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.512, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.51 mW/g

Cheek/Touch, Ch.512, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

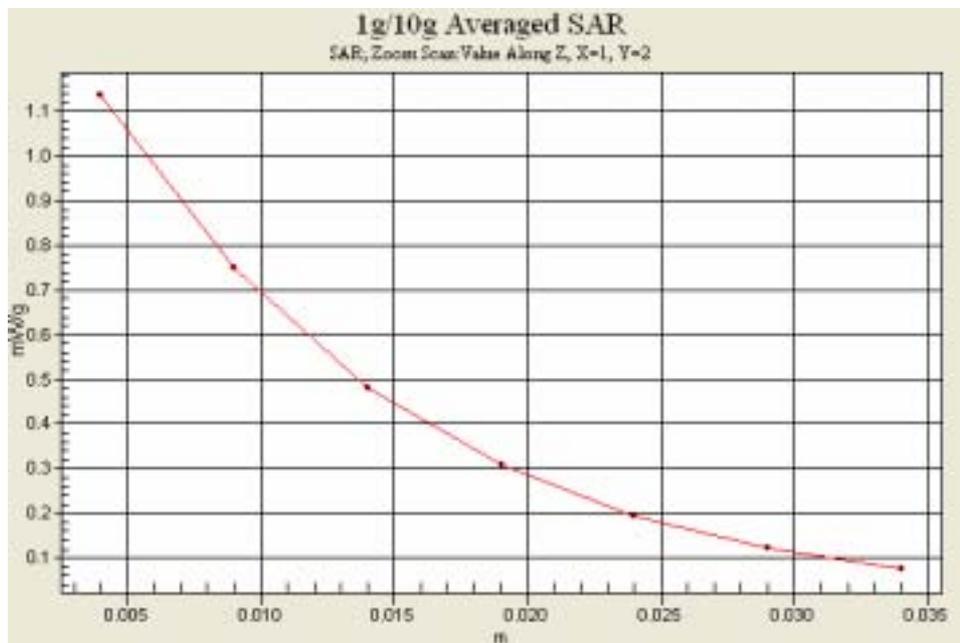
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.3 V/m; Power Drift = 0.025 dB

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 1.06 mW/g

Maximum value of SAR (measured) = 1.14 mW/g



SAMSUNG FCC ID : A3L708SC GPRS1900 Body SAR

DUT: 708SC; Serial: FD-240-B

Program Name: 708SC GPRS1900 Body (Job No. : FD-240)

Procedure Name: Body, Ch.512, Ant.Intenna, Bat.Standard

Meas.Ambient Temp(celsius)-21.9, Tissue Temp(celsius)-21.5 ; Test Date- 12/Dec/2006

Communication System: GSM1900 GPRS; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(7.86, 7.86, 7.86); Calibrated: 2006-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-11-20
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body, Ch.512, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.742 mW/g

Body, Ch.512, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

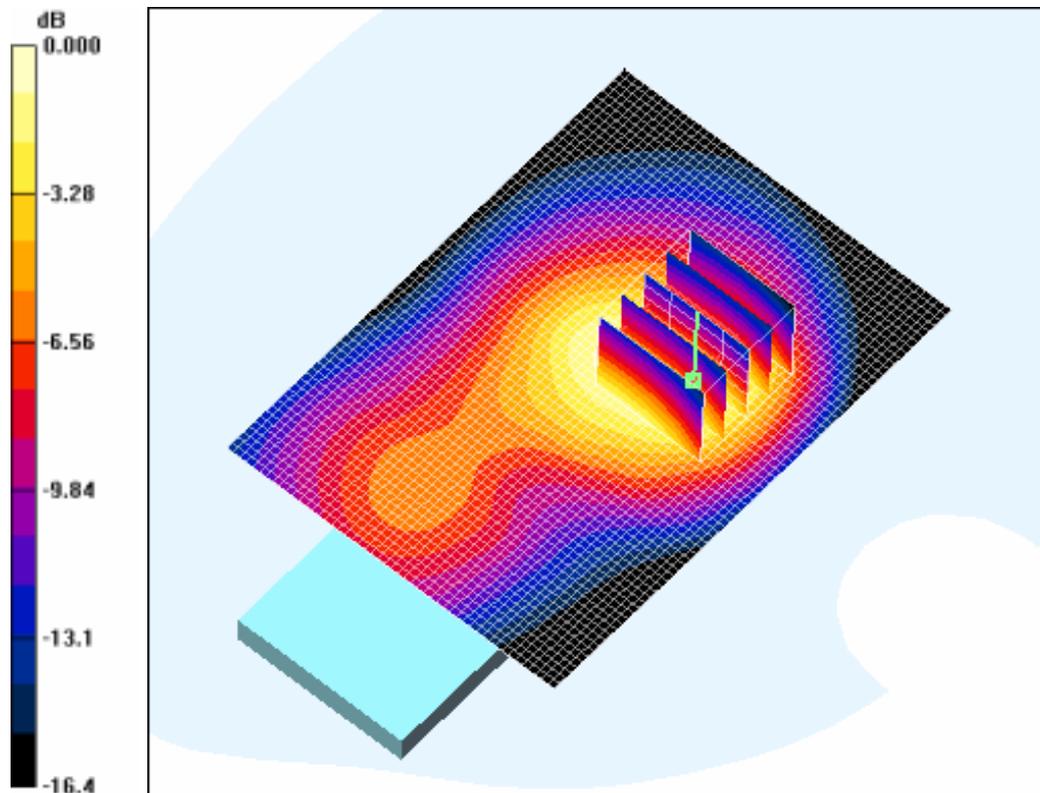
dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.4 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.692 mW/g

Maximum value of SAR (measured) = 0.764 mW/g



0 dB = 0.764mW/g

SAMSUNG FCC ID : A3L708SC GPRS1900 Body SAR

DUT: 708SC; Serial: FD-240-B

Program Name: 708SC GPRS1900 Body (Job No. : FD-240)

Procedure Name: Body, Ch.512, Ant.Intenna, Bat.Standard

Meas.Ambient Temp(celsius)-21.9, Tissue Temp(celsius)-21.5 ; Test Date- 12/Dec/2006

Communication System: GSM1900 GPRS; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(7.86, 7.86, 7.86); Calibrated: 2006-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-11-20
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body, Ch.512, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.742 mW/g

Body, Ch.512, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.4 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.692 mW/g

Maximum value of SAR (measured) = 0.764 mW/g

