

SAMSUNG Single-Mode Cellular Phone (CDMA): SCH-X619

DUT: SCH-X619; Serial: FB-003-B

Program Name: SCH-X619 CDMA Right (Job No. : FB-003)

Procedure Name: Cheek/Touch, Ch.1013, Ant. Fixed, Bat. Standard

Procedure Notes: Meas.Tissue Temp(celsius)-20.8; Test Date-15/Jan/2004 [FCC/OET 65 suppl.C]

Communication System: CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: Head 835 MHz ($\sigma = 0.9$ mho/m, $\epsilon_r = 42.7788$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1617; ConvF(6.3, 6.3, 6.3); Calibrated: 2003-09-18;
- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
- Phantom: SAM 900MHz with CRP; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.1 Build 47;

Cheek/Touch, Ch.1013, Ant. Fixed, Bat. Standard/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 9.38 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.863 mW/g

Cheek/Touch, Ch.1013, Ant. Fixed, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

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

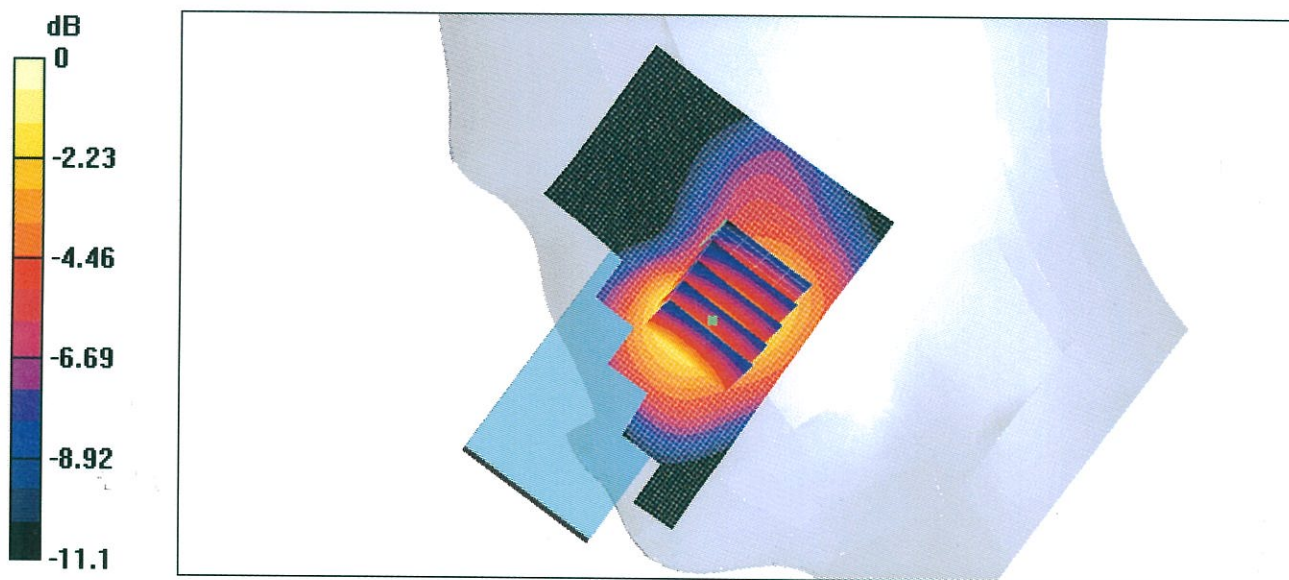
Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.789 mW/g

Reference Value = 9.38 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.84 mW/g



0 dB = 0.84mW/g

SAMSUNG Single-Mode Cellular Phone (CDMA): SCH-X619

DUT: SCH-X619; Serial: FB-003-B

Program Name: SCH-X619 CDMA Right (Job No. : FB-003)

Procedure Name: Ear/Tilt, Ch.777, Ant. Fixed, Bat. Standard

Procedure Notes: Meas.Tissue Temp(celsius)-20.8; Test Date-15/Jan/2004 [FCC/OET 65 suppl.C]

Communication System: CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: Head 835 MHz ($\sigma = 0.9$ mho/m, $\epsilon_r = 42.7788$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1617; ConvF(6.3, 6.3, 6.3); Calibrated: 2003-09-18;
- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
- Phantom: SAM 900MHz with CRP; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.1 Build 47;

Ear/Tilt, Ch.777, Ant. Fixed, Bat. Standard/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 7.1 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.161 mW/g

Ear/Tilt, Ch.777, Ant. Fixed, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

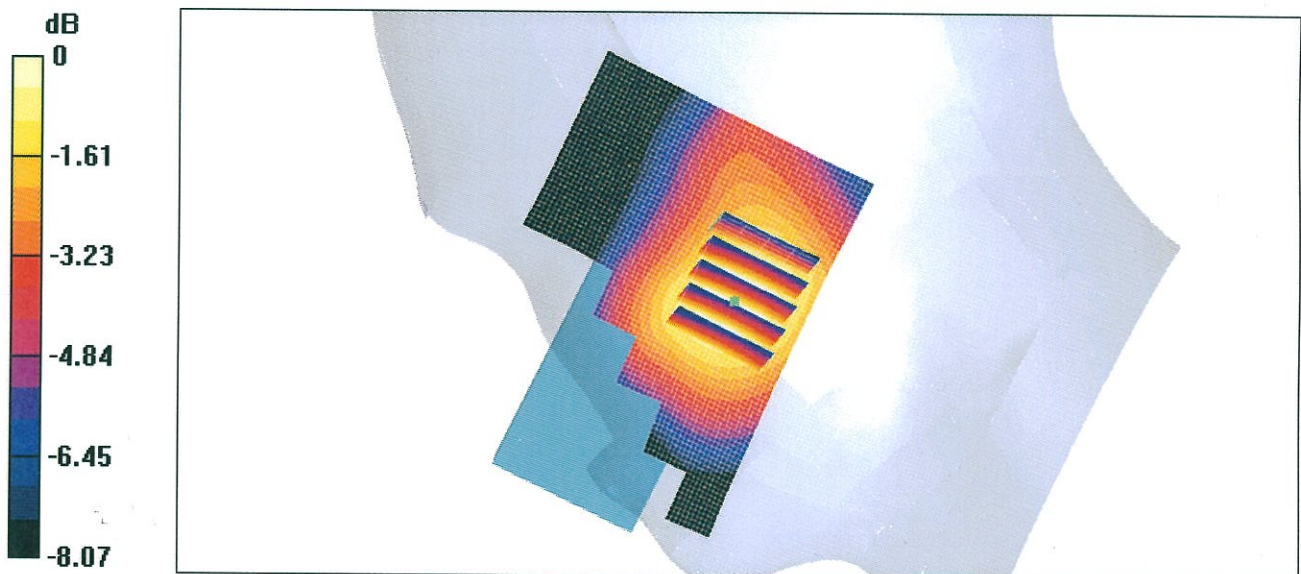
Peak SAR (extrapolated) = 0.197 W/kg

SAR(1 g) = 0.152 mW/g

Reference Value = 7.1 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.161 mW/g



Test Laboratory: SAMSUNG Electronics

SAMSUNG Single-Mode Cellular Phone (CDMA): SCH-X619

DUT: SCH-X619; Serial: FB-003-B

Program Name: SCH-X619 CDMA Left (Job No. : FB-003)

Procedure Name: Cheek/Touch, Ch.1013, Ant. Fixed, Bat. Standard

Procedure Notes: Meas.Tissue Temp(celsius)-20.8; Test Date-15/Jan/2004 [FCC/OET 65 suppl.C]

Communication System: CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: Head 835 MHz ($\sigma = 0.9$ mho/m, $\epsilon_r = 42.7788$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1617; ConvF(6.3, 6.3, 6.3); Calibrated: 2003-09-18;
- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
- Phantom: SAM 900MHz with CRP; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.1 Build 47;

Cheek/Touch, Ch.1013, Ant. Fixed, Bat. Standard/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 7.95 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.727 mW/g

Cheek/Touch, Ch.1013, Ant. Fixed, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

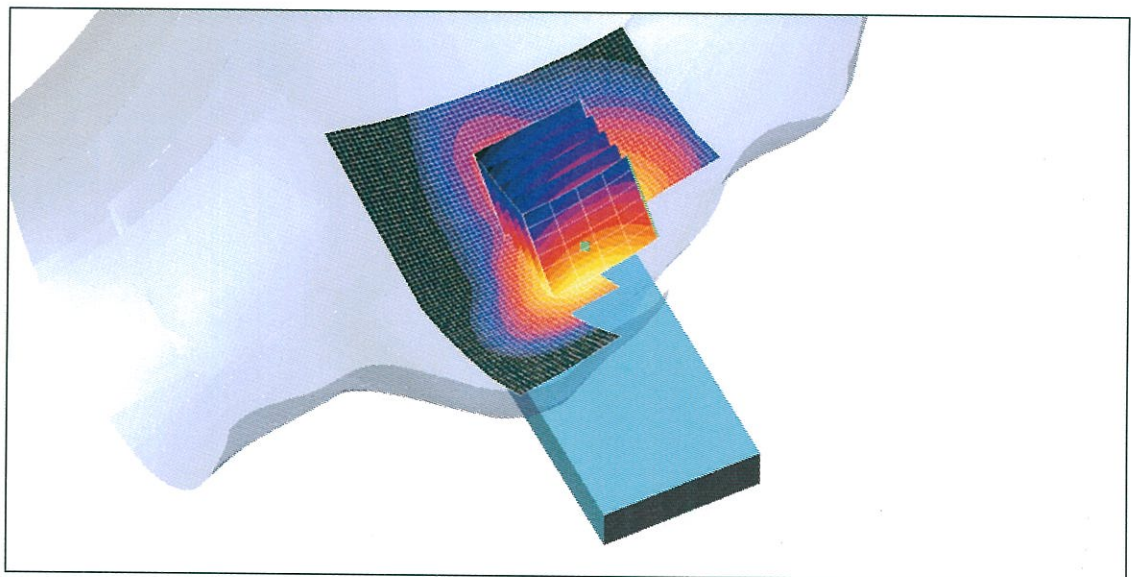
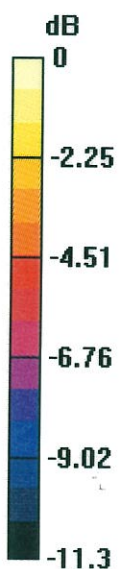
Peak SAR (extrapolated) = 0.988 W/kg

SAR(1 g) = 0.661 mW/g

Reference Value = 7.95 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.713 mW/g



0 dB = 0.713mW/g

SAMSUNG Single-Mode Cellular Phone (CDMA): SCH-X619

DUT: SCH-X619; Serial: FB-003-B

Program Name: SCH-X619 CDMA Left (Job No. : FB-003)

Procedure Name: Ear/Tilt, Ch.777, Ant. Fixed, Bat. Standard

Procedure Notes: Meas.Tissue Temp(celsius)-20.8; Test Date-15/Jan/2004 [FCC/OET 65 suppl.C]

Communication System: CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: Head 835 MHz ($\sigma = 0.9$ mho/m, $\epsilon_r = 42.7788$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1617; ConvF(6.3, 6.3, 6.3); Calibrated: 2003-09-18;
- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
- Phantom: SAM 900MHz with CRP; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.1 Build 47;

Ear/Tilt, Ch.777, Ant. Fixed, Bat. Standard/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 6.59 V/m

Power Drift = -0.05 dB

Maximum value of SAR = 0.142 mW/g

Ear/Tilt, Ch.777, Ant. Fixed, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

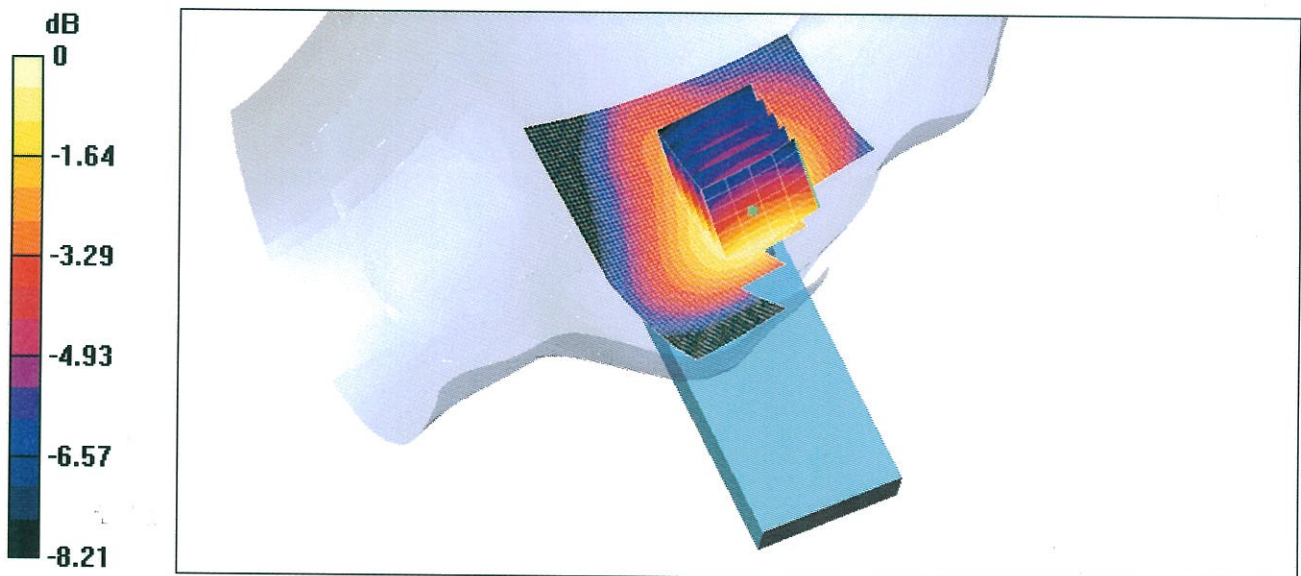
Peak SAR (extrapolated) = 0.17 W/kg

SAR(1 g) = 0.134 mW/g

Reference Value = 6.59 V/m

Power Drift = -0.05 dB

Maximum value of SAR = 0.142 mW/g



0 dB = 0.142mW/g

Test Laboratory: SAMSUNG Electronics

SAMSUNG Single-Mode Cellular Phone (CDMA): SCH-X619

DUT: SCH-X619(Body); Serial: FB-003-B

Program Name: SCH-X619 CDMA Body (Job No. : FB-003)

Procedure Name: Body, Ch.777, Ant. Fixed, Bat. Standard

Procedure Notes: Meas.Tissue Temp(celsius)-20.9; Test Date-16/Jan/2004 [FCC/OET 65 suppl.C]

Communication System: CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: Head 835 (Body)MHz ($\sigma = 0.93$ mho/m, $\epsilon_r = 53.1124$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(6.9, 6.9, 6.9); Calibrated: 2003-08-28;
- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
- Phantom: SAM 900MHz with CRP; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.1 Build 47;

Body, Ch.777, Ant. Fixed, Bat. Standard/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 32.4 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 1.29 mW/g

Body, Ch.777, Ant. Fixed, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

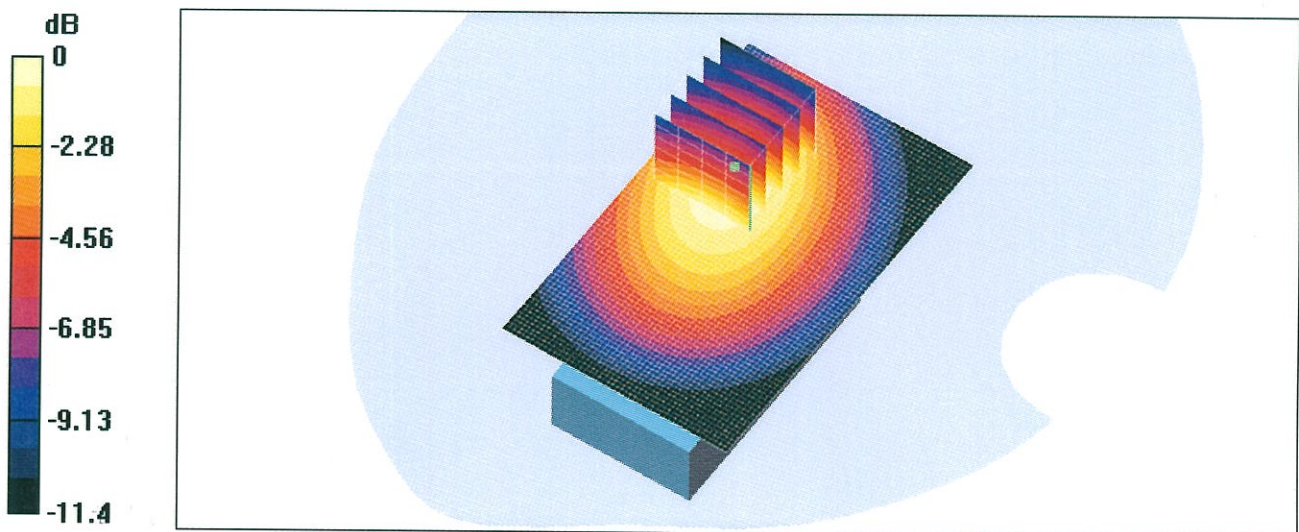
Peak SAR (extrapolated) = 1.61 W/kg

SAR(1 g) = 1.19 mW/g

Reference Value = 32.4 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 1.26 mW/g



0 dB = 1.26mW/g

Test Laboratory: SAMSUNG Eletronics

SAMSUNG Single-Mode Cellular Phone (CDMA): SCH-X619

DUT: SCH-X619; Serial: FB-003-B

Program Name: SCH-X619 CDMA Right (Job No. : FB-003)

Procedure Name: Cheek/Touch, Ch.1013, Ant. Fixed, Bat. Standard

Procedure Notes: Meas.Tissue Temp(celsius)-20.8; Test Date-15/Jan/2004 [FCC/OET 65 suppl.C]

Communication System: CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: Head 835 MHz ($\sigma = 0.9$ mho/m, $\epsilon_r = 42.7788$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1617; ConvF(6.3, 6.3, 6.3); Calibrated: 2003-09-18;
- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
- Phantom: SAM 900MHz with CRP; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.1 Build 47;

Cheek/Touch, Ch.1013, Ant. Fixed, Bat. Standard/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 9.38 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.863 mW/g

Cheek/Touch, Ch.1013, Ant. Fixed, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

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

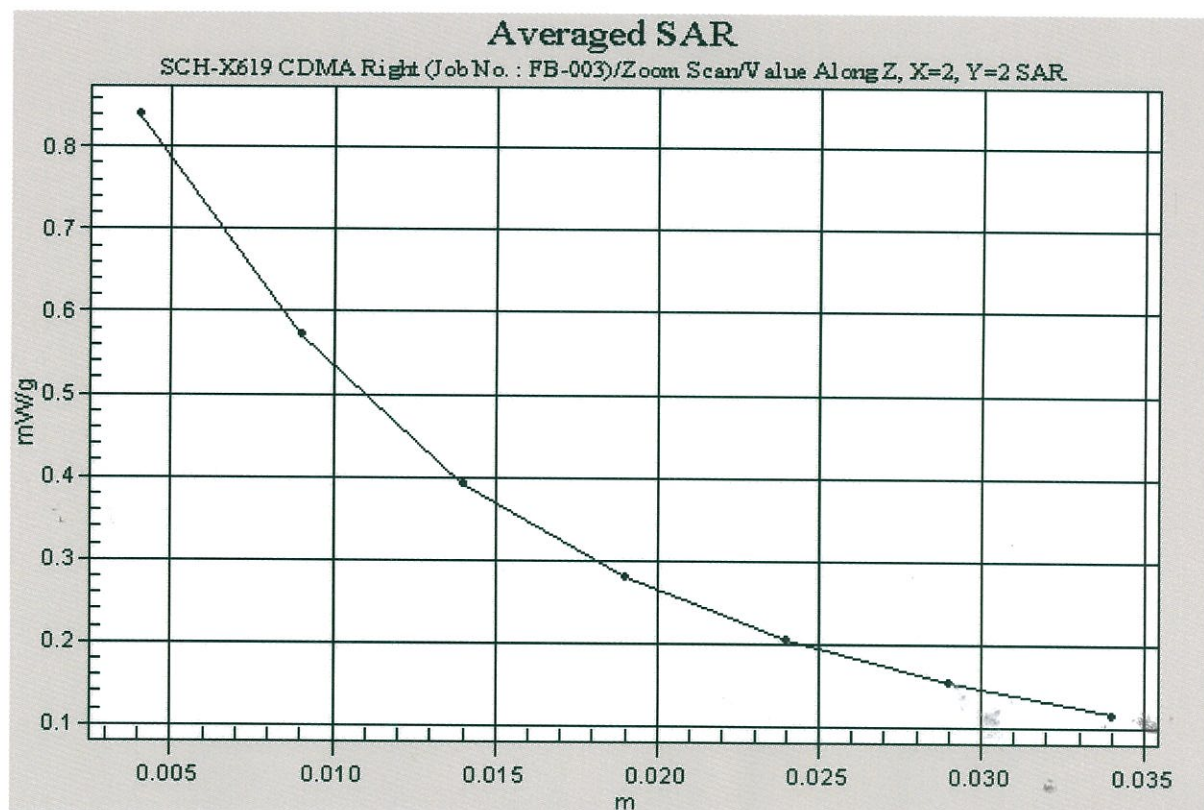
Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.789 mW/g

Reference Value = 9.38 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.84 mW/g



SAMSUNG Single-Mode Cellular Phone (CDMA): SCH-X619

DUT: SCH-X619(Body); Serial: FB-003-B

Program Name: SCH-X619 CDMA Body (Job No. : FB-003)

Procedure Name: Body, Ch.777, Ant. Fixed, Bat. Standard

Procedure Notes: Meas.Tissue Temp(celsius)-20.9; Test Date-16/Jan/2004 [FCC/OET 65 suppl.C]

Communication System: CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: Head 835 (Body)MHz ($\sigma = 0.93$ mho/m, $\epsilon_r = 53.1124$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(6.9, 6.9, 6.9); Calibrated: 2003-08-28;
- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
- Phantom: SAM 900MHz with CRP; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.1 Build 47;

Body, Ch.777, Ant. Fixed, Bat. Standard/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 32.4 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 1.29 mW/g

Body, Ch.777, Ant. Fixed, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Peak SAR (extrapolated) = 1.61 W/kg

SAR(1 g) = 1.19 mW/g

Reference Value = 32.4 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 1.26 mW/g

