

Test Laboratory: SGS Testing Korea
 File Name: [GSM850_RE.da4](#)

DUT: LG-P500h; Type: Mobile_Bar; Serial: 007KPQJ0810292
Program Name: GSM850_Head

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
 Medium parameters used (interpolated): $f = 836.6 \text{ MHz}$; $\sigma = 0.879 \text{ mho/m}$; $\epsilon_r = 41.9$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1782; ConvF(6.26, 6.26, 6.26); Calibrated: 2010-04-28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn567; Calibrated: 2009-12-09
- Phantom: SAM MIC #2000-93 with CRP_900MHz; Type: SAM MIC #2000-93; Serial: TP-1300
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

RE_Mid_Cheek/Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 0.421 mW/g

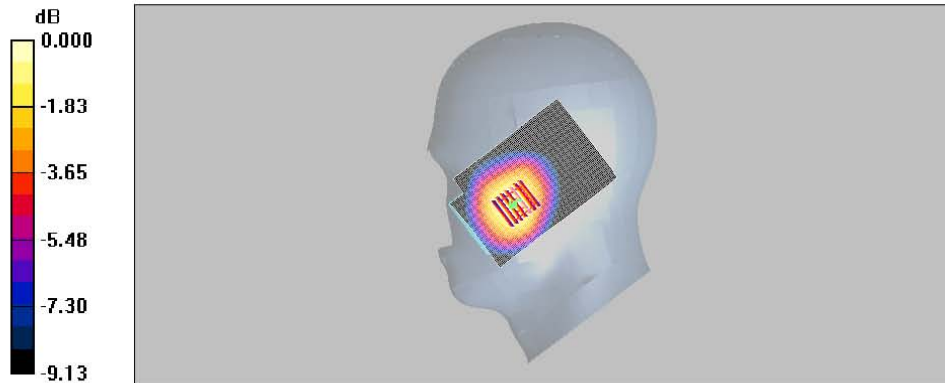
RE_Mid_Cheek/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.34 V/m ; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 0.509 W/kg

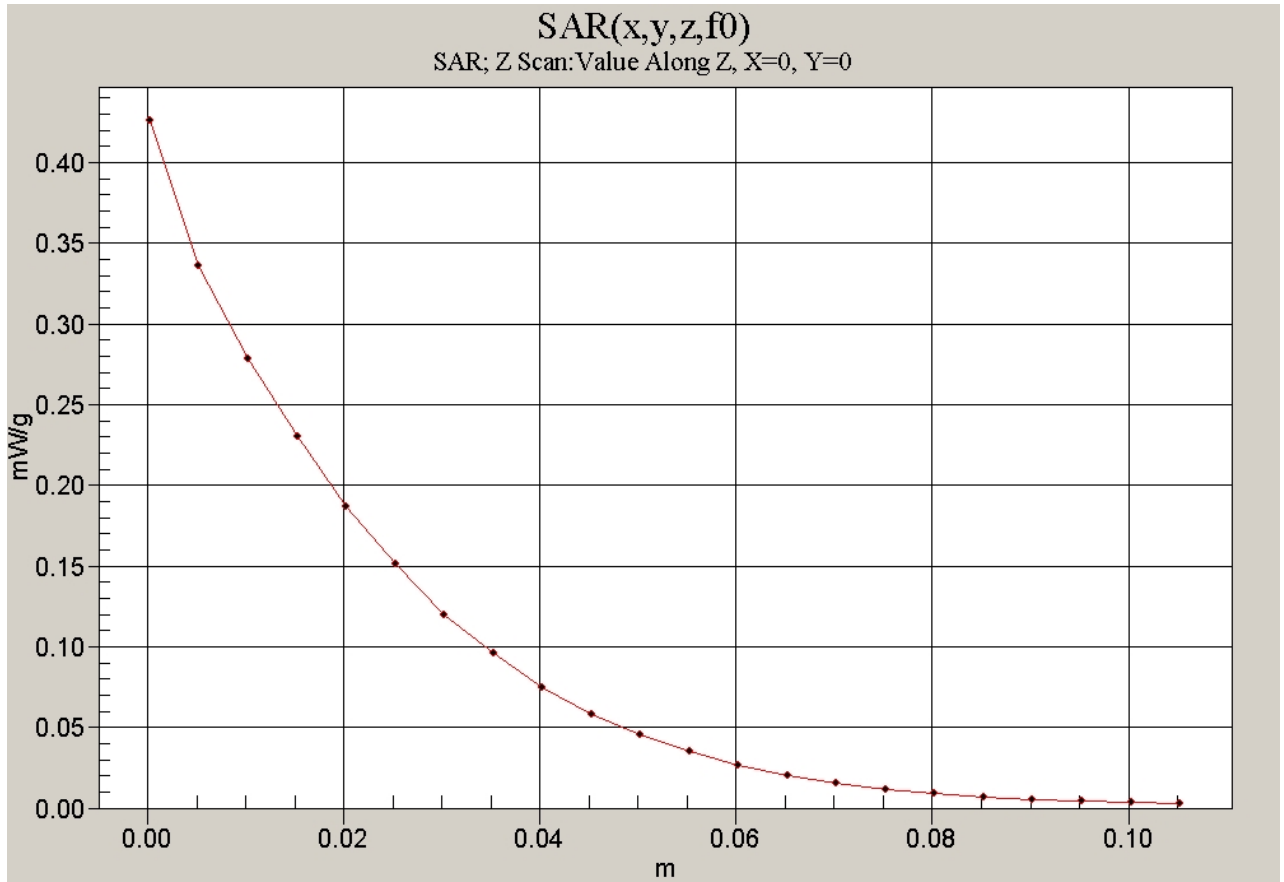
SAR(1 g) = 0.410 mW/g ; SAR(10 g) = 0.313 mW/g

Maximum value of SAR (measured) = 0.440 mW/g



0 dB = 0.440 mW/g

Z Scan



Test Laboratory: SGS Testing Korea
 File Name: [GSM850_RE.da4](#)

DUT: LG-P500h; Type: Mobile_Bar; Serial: 007KPQJ0810292
Program Name: GSM850_Head

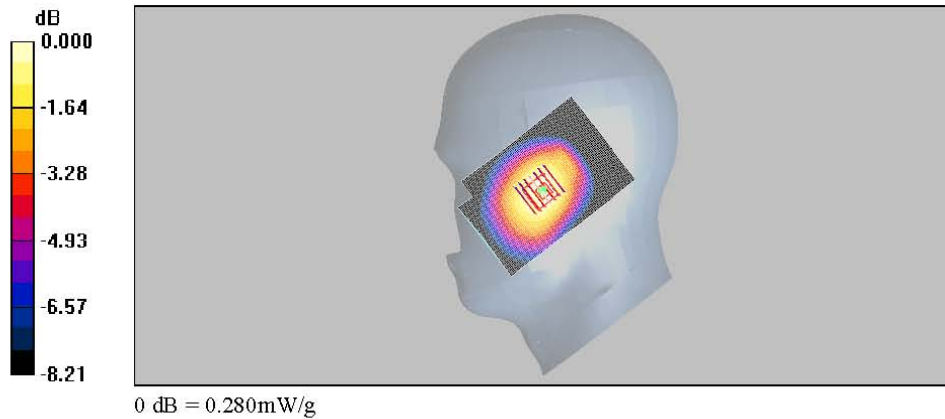
Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
 Medium parameters used (interpolated): $f = 836.6 \text{ MHz}$; $\sigma = 0.879 \text{ mho/m}$; $\epsilon_r = 41.9$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1782; ConvF(6.26, 6.26, 6.26); Calibrated: 2010-04-28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn567; Calibrated: 2009-12-09
- Phantom: SAM MIC #2000-93 with CRP_900MHz; Type: SAM MIC #2000-93; Serial: TP-1300
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

RE_Mid_Tilt/Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 0.278 mW/g

RE_Mid_Tilt/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 11.7 V/m; Power Drift = -0.004 dB
 Peak SAR (extrapolated) = 0.323 W/kg
SAR(1 g) = 0.268 mW/g; SAR(10 g) = 0.205 mW/g
 Maximum value of SAR (measured) = 0.280 mW/g



GSM850 Body SAR Test

Test Laboratory: SGS Testing Korea
 File Name: [GPRS850_Body.da4](#)

DUT: LG-P500h; Type: Mobile_Bar; Serial: 007KPQJ0810292
Program Name: GPRS850_Body

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
 Medium parameters used: $f = 837$ MHz; $\sigma = 0.935$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1782; ConvF(6.11, 6.11, 6.11); Calibrated: 2010-04-28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn567; Calibrated: 2009-12-09
- Phantom: SAM MIC #2000-93 with CRP_900MHz; Type: SAM MIC #2000-93; Serial: TP-1300
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body_Mid_Front/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.253 mW/g

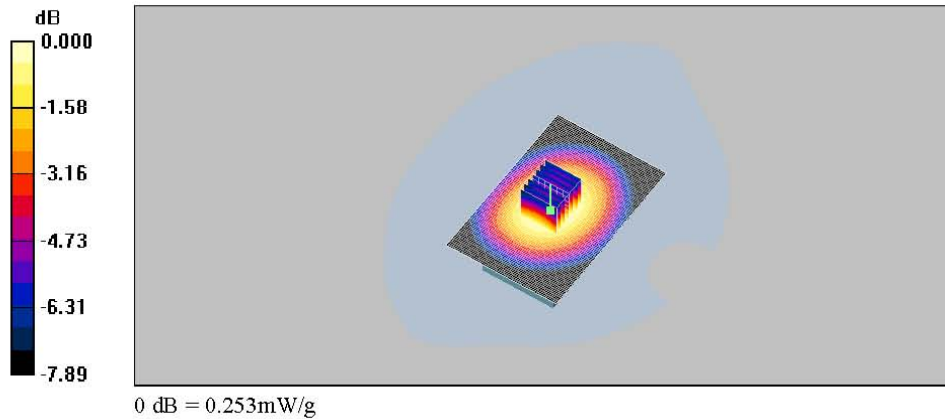
Body_Mid_Front/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.8 V/m; Power Drift = -0.012 dB

Peak SAR (extrapolated) = 0.296 W/kg

SAR(1 g) = 0.239 mW/g; SAR(10 g) = 0.180 mW/g

Maximum value of SAR (measured) = 0.253 mW/g



Test Laboratory: SGS Testing Korea
 File Name: [GPRS850_Body.da4](#)

DUT: LG-P500h; Type: Mobile_Bar; Serial: 007KPQJ0810292
Program Name: GPRS850_Body

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
 Medium parameters used: $f = 837$ MHz; $\sigma = 0.935$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1782; ConvF(6.11, 6.11, 6.11); Calibrated: 2010-04-28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn567; Calibrated: 2009-12-09
- Phantom: SAM MIC #2000-93 with CRP_900MHz; Type: SAM MIC #2000-93; Serial: TP-1300
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body_Mid_Back/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.405 mW/g

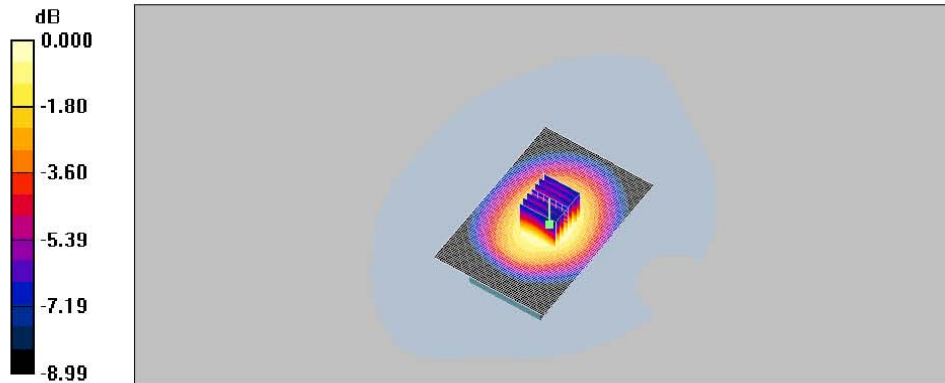
Body_Mid_Back/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.3 V/m; Power Drift = -0.060 dB

Peak SAR (extrapolated) = 0.483 W/kg

SAR(1 g) = 0.383 mW/g; SAR(10 g) = 0.283 mW/g

Maximum value of SAR (measured) = 0.408 mW/g



0 dB = 0.408mW/g

Test Laboratory: SGS Testing Korea
 File Name: [GSM850_Body.da4](#)

DUT: LG-P500h; Type: Mobile_Bar; Serial: 007KPQJ0810292
Program Name: GSM850_Body

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
 Medium parameters used: $f = 837$ MHz; $\sigma = 0.935$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1782; ConvF(6.11, 6.11, 6.11); Calibrated: 2010-04-28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn567; Calibrated: 2009-12-09
- Phantom: SAM MIC #2000-93 with CRP_900MHz; Type: SAM MIC #2000-93; Serial: TP-1300
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body_Mid_Back/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.227 mW/g

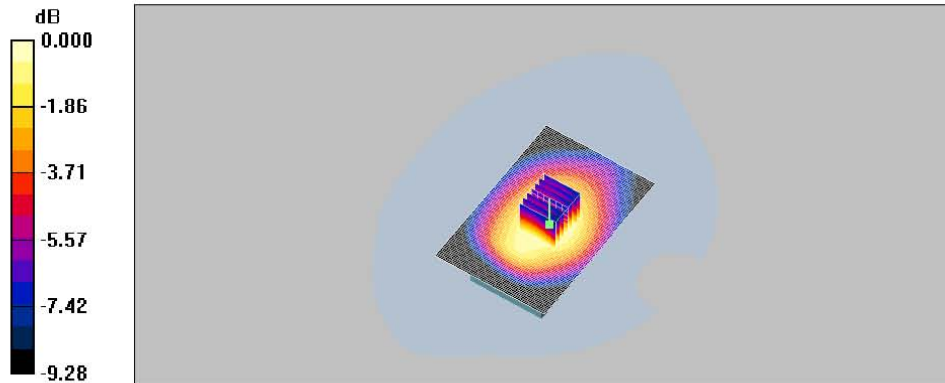
Body_Mid_Back/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.8 V/m; Power Drift = -0.043 dB

Peak SAR (extrapolated) = 0.273 W/kg

SAR(1 g) = 0.215 mW/g; SAR(10 g) = 0.158 mW/g

Maximum value of SAR (measured) = 0.228 mW/g



0 dB = 0.228mW/g

PCS1900 Head SAR Test

Test Laboratory: SGS Testing Korea
 File Name: [PCS1900_LE.da4](#)

DUT: LG-P500h; Type: Mobile_Bar; Serial: 007KPQJ0810292
Program Name: PCS1900_Head

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.39 \text{ mho/m}$; $\epsilon_r = 40.3$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1782; ConvF(5.04, 5.04, 5.04); Calibrated: 2010-04-28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn567; Calibrated: 2009-12-09
- Phantom: SAM MIC #2000-93 with CRP; Type: SAM MIC #2000-93; Serial: TP-1299
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

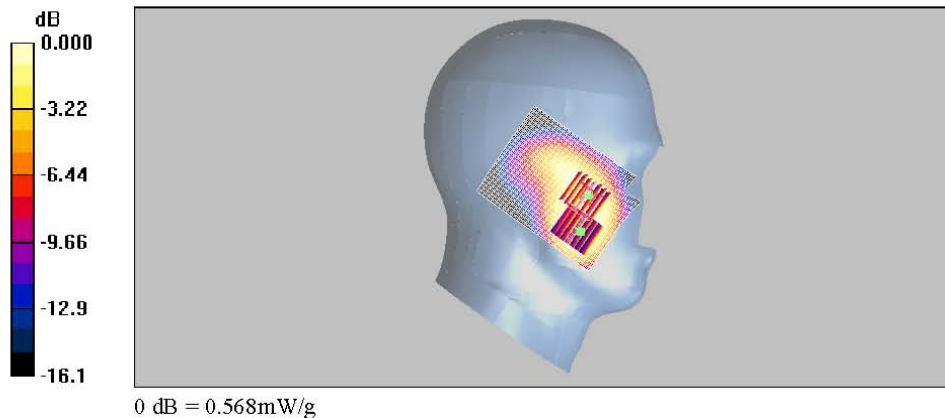
LE_Mid_Cheek/Area Scan (61x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 0.715 mW/g

LE_Mid_Cheek/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$,
 $dz=5\text{mm}$

Reference Value = 7.53 V/m; Power Drift = -0.006 dB
 Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.693 mW/g; SAR(10 g) = 0.393 mW/g
 Maximum value of SAR (measured) = 0.781 mW/g

LE_Mid_Cheek/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$,
 $dz=5\text{mm}$

Reference Value = 7.53 V/m; Power Drift = -0.006 dB
 Peak SAR (extrapolated) = 0.708 W/kg
SAR(1 g) = 0.521 mW/g; SAR(10 g) = 0.351 mW/g
 Maximum value of SAR (measured) = 0.568 mW/g



Test Laboratory: SGS Testing Korea
 File Name: [PCS1900_LE.da4](#)

DUT: LG-P500h; Type: Mobile_Bar; Serial: 007KPQJ0810292
Program Name: PCS1900_Head

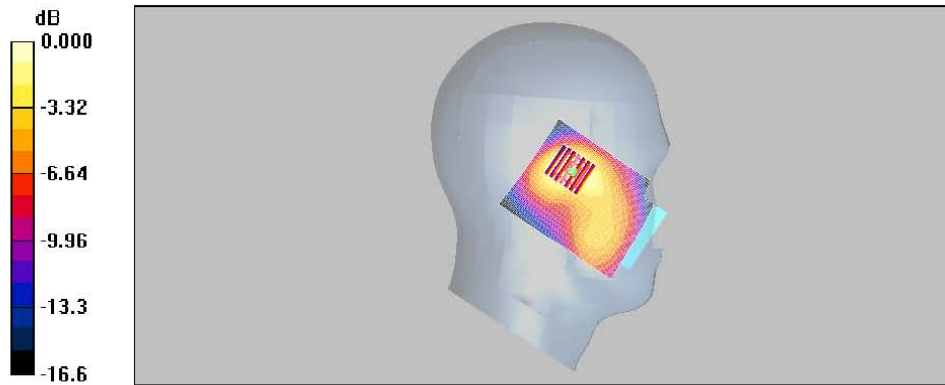
Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.39 \text{ mho/m}$; $\epsilon_r = 40.3$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1782; ConvF(5.04, 5.04, 5.04); Calibrated: 2010-04-28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn567; Calibrated: 2009-12-09
- Phantom: SAM MIC #2000-93 with CRP; Type: SAM MIC #2000-93; Serial: TP-1299
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

LE_Mid_Tilt/Area Scan (61x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 0.347 mW/g

LE_Mid_Tilt/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 11.8 V/m; Power Drift = 0.006 dB
 Peak SAR (extrapolated) = 0.445 W/kg
SAR(1 g) = 0.308 mW/g; SAR(10 g) = 0.186 mW/g
 Maximum value of SAR (measured) = 0.335 mW/g



0 dB = 0.335mW/g

Test Laboratory: SGS Testing Korea
 File Name: [PCS1900_RE.da4](#)

DUT: LG-P500h; Type: Mobile_Bar; Serial: 007KPQJ0810292
Program Name: PCS1900_Head

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.39 \text{ mho/m}$; $\epsilon_r = 40.3$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1782; ConvF(5.04, 5.04, 5.04); Calibrated: 2010-04-28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn567; Calibrated: 2009-12-09
- Phantom: SAM MIC #2000-93 with CRP; Type: SAM MIC #2000-93; Serial: TP-1299
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

RE_Mid_Cheek/Area Scan (61x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 0.793 mW/g

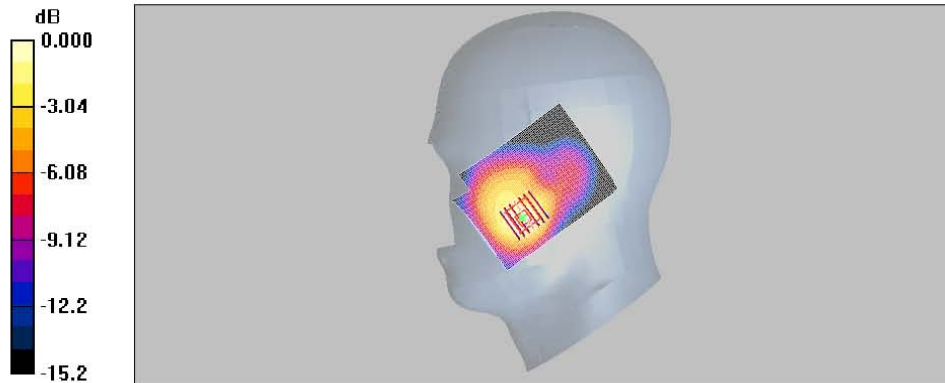
RE_Mid_Cheek/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$,
 $dz=5\text{mm}$

Reference Value = 9.00 V/m; Power Drift = -0.101 dB

Peak SAR (extrapolated) = 1.02 W/kg

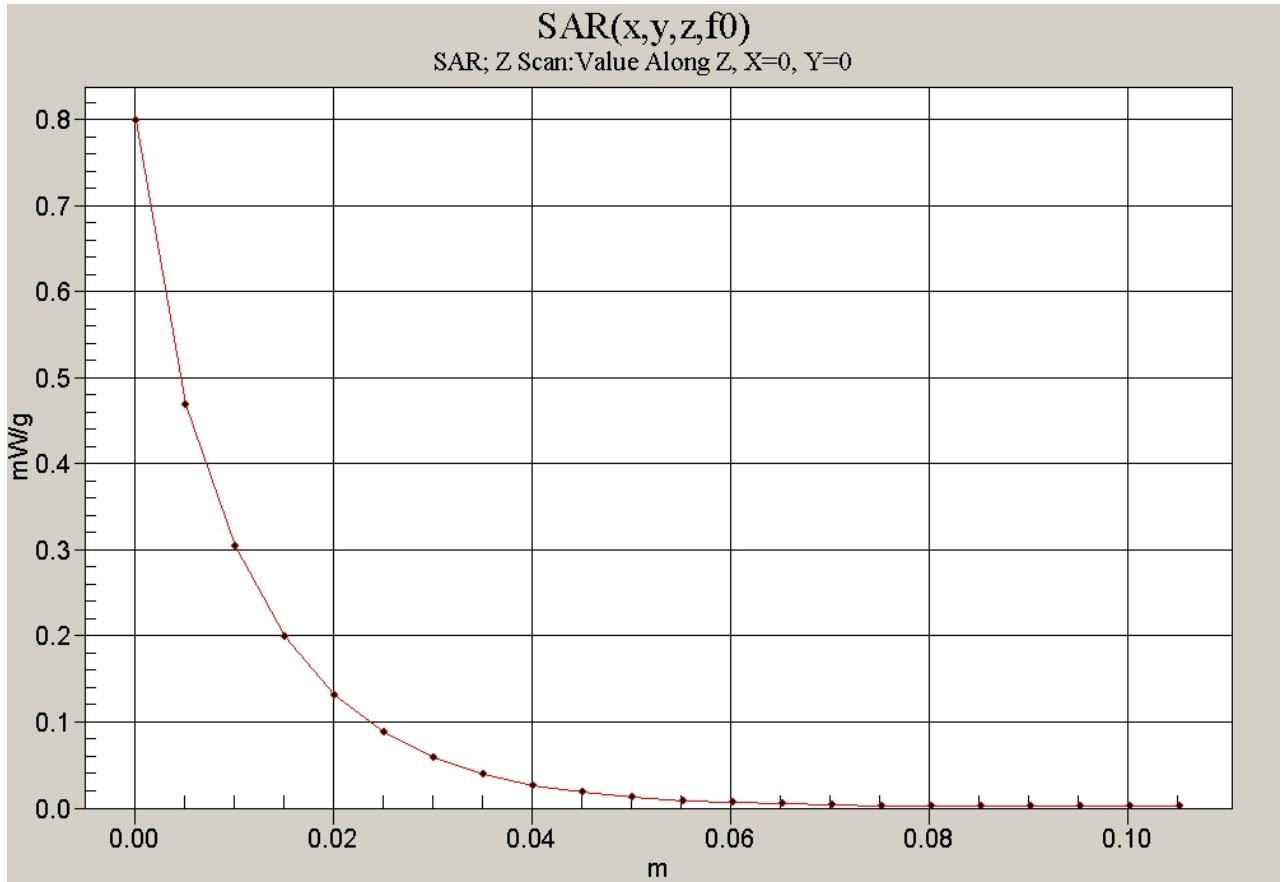
SAR(1 g) = 0.729 mW/g; SAR(10 g) = 0.451 mW/g

Maximum value of SAR (measured) = 0.809 mW/g



0 dB = 0.809mW/g

Z Scan



Test Laboratory: SGS Testing Korea
 File Name: [PCS1900_RE.da4](#)

DUT: LG-P500h; Type: Mobile_Bar; Serial: 007KPQJ0810292
Program Name: PCS1900_Head

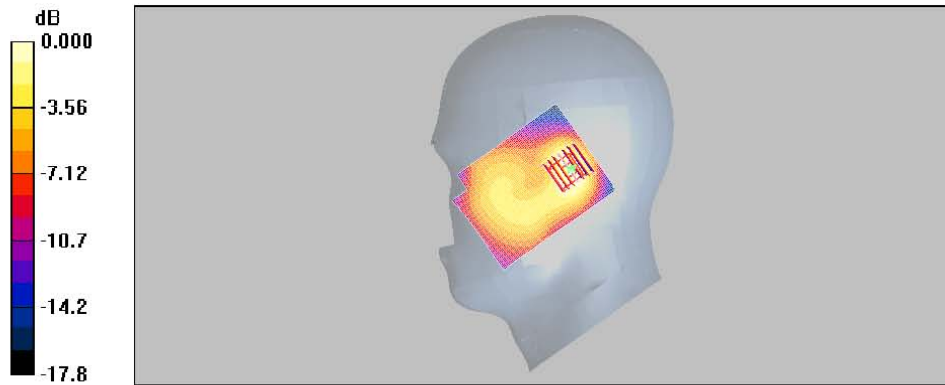
Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.39 \text{ mho/m}$; $\epsilon_r = 40.3$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1782; ConvF(5.04, 5.04, 5.04); Calibrated: 2010-04-28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn567; Calibrated: 2009-12-09
- Phantom: SAM MIC #2000-93 with CRP; Type: SAM MIC #2000-93; Serial: TP-1299
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

RE_Mid_Tilt/Area Scan (61x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 0.282 mW/g

RE_Mid_Tilt/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 12.5 V/m; Power Drift = -0.035 dB
 Peak SAR (extrapolated) = 0.329 W/kg
SAR(1 g) = 0.235 mW/g; SAR(10 g) = 0.144 mW/g
 Maximum value of SAR (measured) = 0.257 mW/g



0 dB = 0.257mW/g

PCS1900 Body SAR Test

Test Laboratory: SGS Testing Korea
 File Name: [GPRS1900_Body.da4](#)

DUT: LG-P500h; Type: Mobile_Bar; Serial: 007KPQJ0810292
Program Name: PCS1900_Body

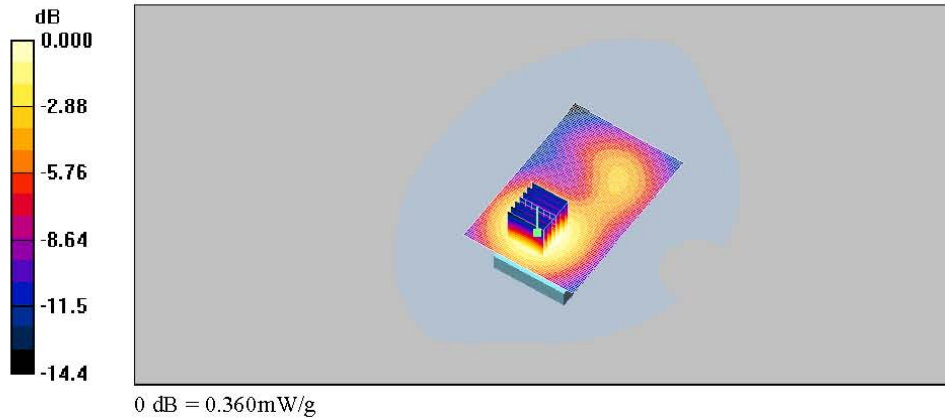
Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1782; ConvF(4.46, 4.46, 4.46); Calibrated: 2010-04-28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn567; Calibrated: 2009-12-09
- Phantom: SAM MIC #2000-93 with CRP; Type: SAM MIC #2000-93; Serial: TP-1299
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

GPRS1900_Mid_Front_1Tx/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.366 mW/g

GPRS1900_Mid_Front_1Tx/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 8.58 V/m; Power Drift = -0.189 dB
 Peak SAR (extrapolated) = 0.449 W/kg
SAR(1 g) = 0.330 mW/g; SAR(10 g) = 0.210 mW/g
 Maximum value of SAR (measured) = 0.360 mW/g



Test Laboratory: SGS Testing Korea
 File Name: [GPRS1900_Body.da4](#)

DUT: LG-P500h; Type: Mobile_Bar; Serial: 007KPQJ0810292
Program Name: PCS1900_Body

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.55 \text{ mho/m}$; $\epsilon_r = 51.5$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1782; ConvF(4.46, 4.46, 4.46); Calibrated: 2010-04-28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn567; Calibrated: 2009-12-09
- Phantom: SAM MIC #2000-93 with CRP; Type: SAM MIC #2000-93; Serial: TP-1299
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

GPRS1900_Mid_Back_1Tx/Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 0.342 mW/g

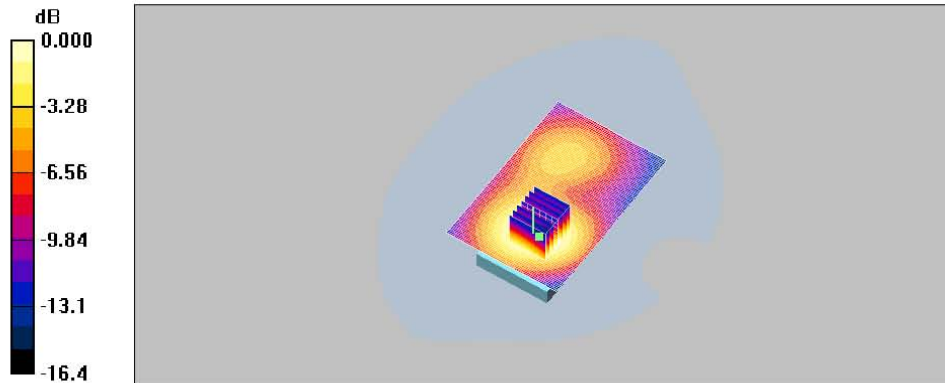
GPRS1900_Mid_Back_1Tx/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$,
 $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.28 V/m; Power Drift = -0.050 dB

Peak SAR (extrapolated) = 0.435 W/kg

SAR(1 g) = 0.304 mW/g; SAR(10 g) = 0.189 mW/g

Maximum value of SAR (measured) = 0.333 mW/g



0 dB = 0.333mW/g

Test Laboratory: SGS Testing Korea
 File Name: [PCS1900_Body.da4](#)

DUT: LG-P500h; Type: Mobile_Bar; Serial: 007KPQJ0810292
Program Name: WLAN_Body

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.55 \text{ mho/m}$; $\epsilon_r = 51.5$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1782; ConvF(4.46, 4.46, 4.46); Calibrated: 2010-04-28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn567; Calibrated: 2009-12-09
- Phantom: SAM MIC #2000-93 with CRP; Type: SAM MIC #2000-93; Serial: TP-1299
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

PCS1900_Mid_Front/Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 0.301 mW/g

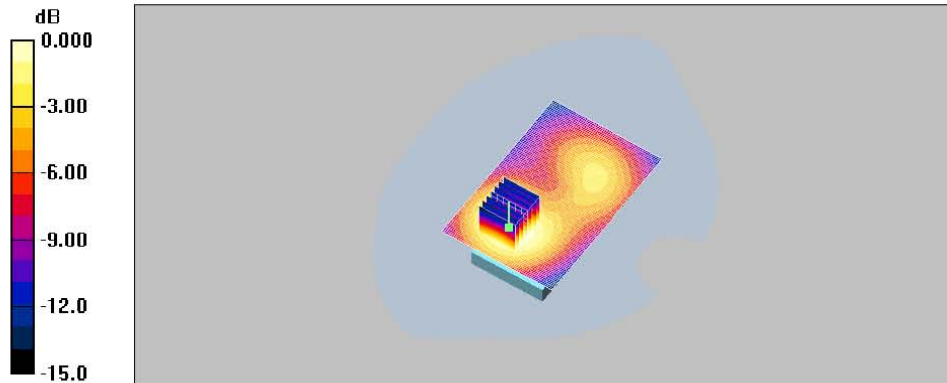
PCS1900_Mid_Front/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$,
 $dz=5\text{mm}$

Reference Value = 7.84 V/m; Power Drift = -0.009 dB

Peak SAR (extrapolated) = 0.385 W/kg

SAR(1 g) = 0.276 mW/g; SAR(10 g) = 0.173 mW/g

Maximum value of SAR (measured) = 0.302 mW/g



0 dB = 0.302mW/g

WCDMA V Head SAR Test

Test Laboratory: SGS Testing Korea
 File Name: [WCDMA_V_LE.da4](#)

DUT: LG-P500h; Type: Mobile_Bar; Serial: 007KPQJ0810292
Program Name: WCDMA V_Head

Communication System: WCDMA V; Frequency: 836.6 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.879$ mho/m; $\epsilon_r = 41.9$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

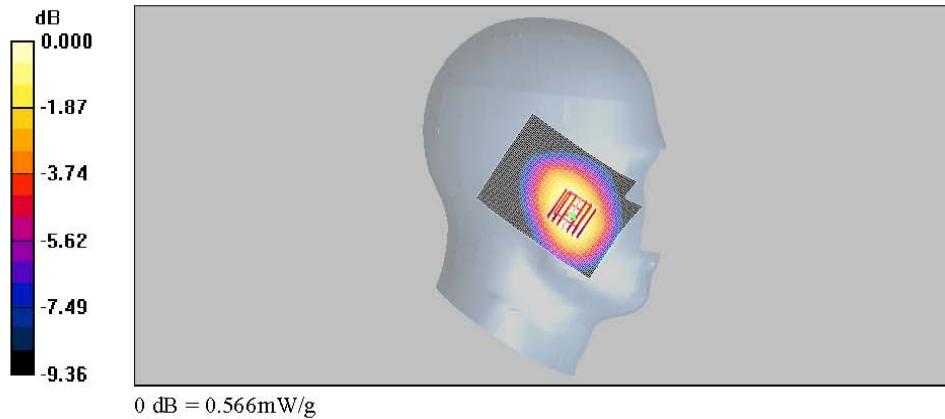
DASY4 Configuration:

- Probe: ET3DV6 - SN1782; ConvF(6.26, 6.26, 6.26); Calibrated: 2010-04-28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn567; Calibrated: 2009-12-09
- Phantom: SAM MIC #2000-93 with CRP_900MHz; Type: SAM MIC #2000-93; Serial: TP-1300
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

LE_Mid_Cheek/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.574 mW/g

LE_Mid_Cheek/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.13 V/m; Power Drift = 0.063 dB
 Peak SAR (extrapolated) = 0.666 W/kg
SAR(1 g) = 0.537 mW/g; SAR(10 g) = 0.407 mW/g
 Maximum value of SAR (measured) = 0.566 mW/g



Test Laboratory: SGS Testing Korea
 File Name: [WCDMA_V_LE.da4](#)

DUT: LG-P500h; Type: Mobile_Bar; Serial: 007KPQJ0810292
Program Name: WCDMA_V_Head

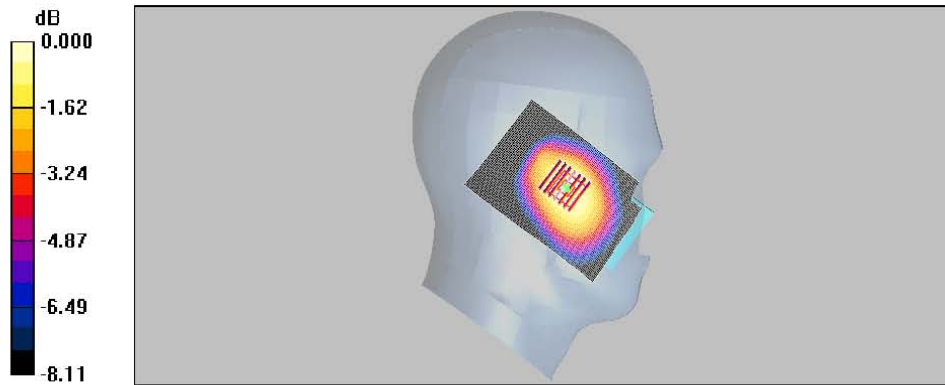
Communication System: WCDMA V; Frequency: 836.6 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 836.6 \text{ MHz}$; $\sigma = 0.879 \text{ mho/m}$; $\epsilon_r = 41.9$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1782; ConvF(6.26, 6.26, 6.26); Calibrated: 2010-04-28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn567; Calibrated: 2009-12-09
- Phantom: SAM MIC #2000-93 with CRP_900MHz; Type: SAM MIC #2000-93; Serial: TP-1300
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

LE_Mid_Tilt/Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 0.395 mW/g

LE_Mid_Tilt/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 13.1 V/m ; Power Drift = -0.119 dB
 Peak SAR (extrapolated) = 0.444 W/kg
SAR(1 g) = 0.375 mW/g ; SAR(10 g) = 0.289 mW/g
 Maximum value of SAR (measured) = 0.395 mW/g



0 dB = 0.395 mW/g

Test Laboratory: SGS Testing Korea
 File Name: [WCDMA V_RE.da4](#)

DUT: LG-P500h; Type: Mobile_Bar; Serial: 007KPQJ0810292
Program Name: WCDMA V_Head

Communication System: WCDMA V; Frequency: 836.6 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 836.6 \text{ MHz}$; $\sigma = 0.879 \text{ mho/m}$; $\epsilon_r = 41.9$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1782; ConvF(6.26, 6.26, 6.26); Calibrated: 2010-04-28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn567; Calibrated: 2009-12-09
- Phantom: SAM MIC #2000-93 with CRP_900MHz; Type: SAM MIC #2000-93; Serial: TP-1300
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

RE_Mid_Cheek/Area Scan (61x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 0.600 mW/g

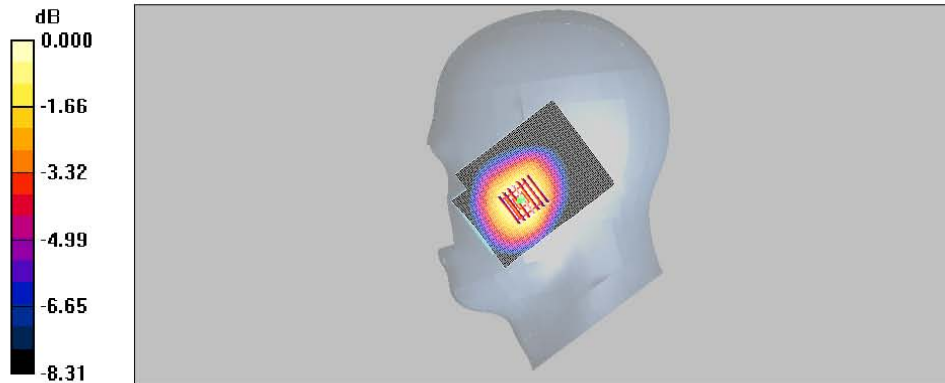
RE_Mid_Cheek/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$,
 $dz=5\text{mm}$

Reference Value = 7.96 V/m ; Power Drift = -0.002 dB

Peak SAR (extrapolated) = 0.676 W/kg

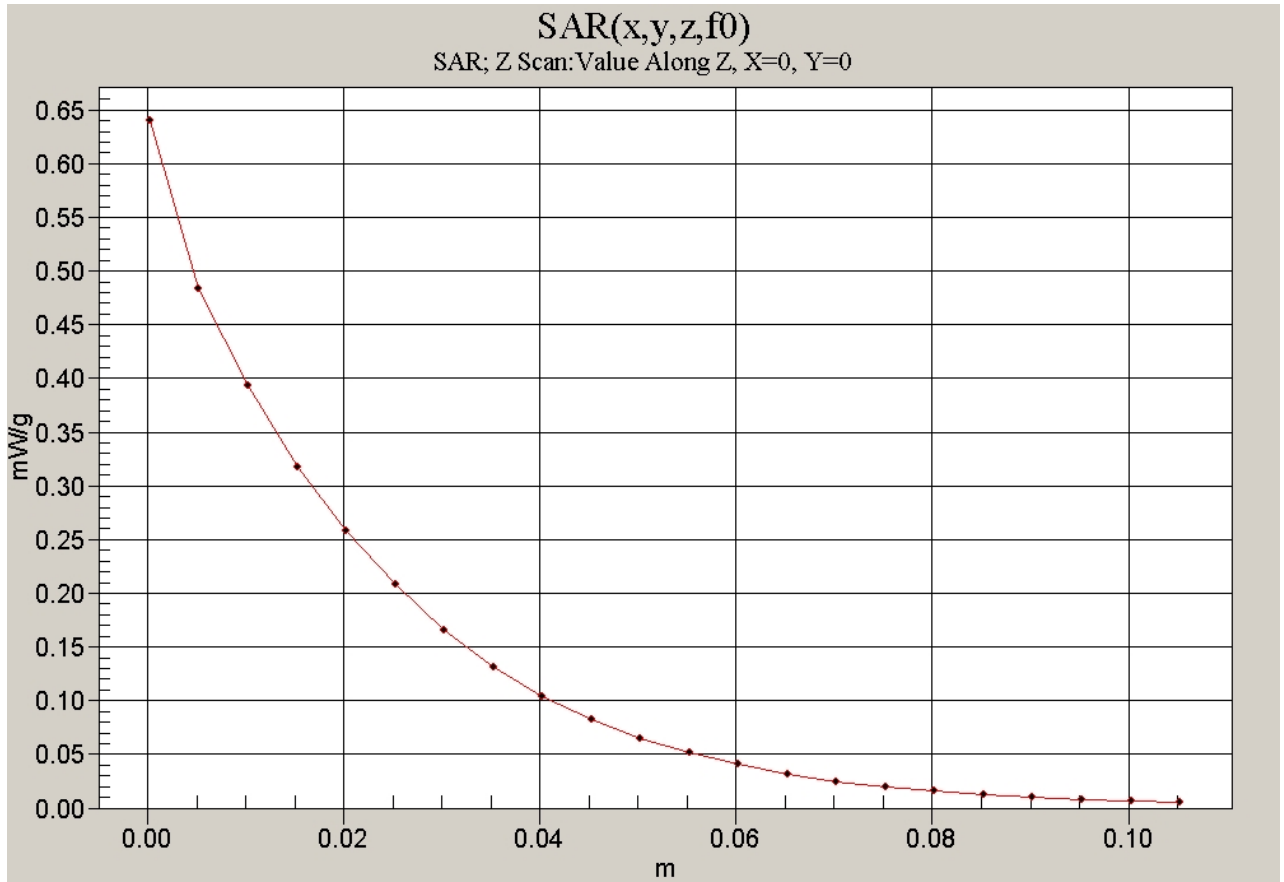
SAR(1 g) = 0.577 mW/g ; SAR(10 g) = 0.447 mW/g

Maximum value of SAR (measured) = 0.603 mW/g



0 dB = 0.603mW/g

Z Scan



Test Laboratory: SGS Testing Korea
 File Name: [WCDMA_V_RE.da4](#)

DUT: LG-P500h; Type: Mobile_Bar; Serial: 007KPQJ0810292
Program Name: WCDMA_V_Head

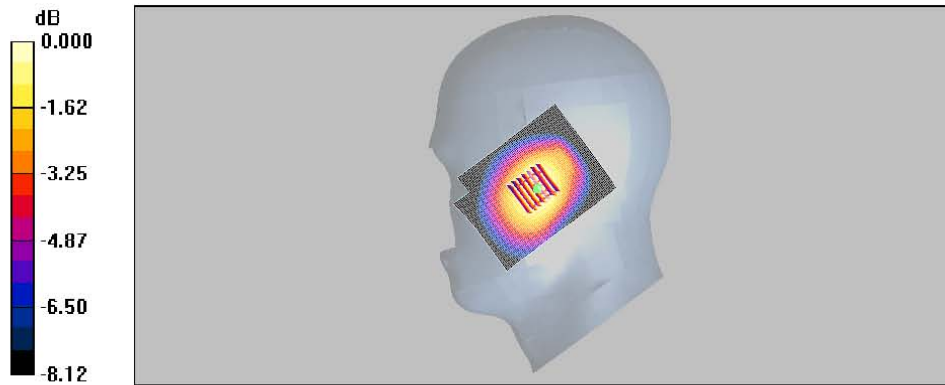
Communication System: WCDMA V; Frequency: 836.6 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 836.6 \text{ MHz}$; $\sigma = 0.879 \text{ mho/m}$; $\epsilon_r = 41.9$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1782; ConvF(6.26, 6.26, 6.26); Calibrated: 2010-04-28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn567; Calibrated: 2009-12-09
- Phantom: SAM MIC #2000-93 with CRP_900MHz; Type: SAM MIC #2000-93; Serial: TP-1300
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

RE_Mid_Tilt/Area Scan (61x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 0.383 mW/g

RE_Mid_Tilt/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 13.0 V/m ; Power Drift = -0.030 dB
 Peak SAR (extrapolated) = 0.434 W/kg
SAR(1 g) = 0.366 mW/g ; SAR(10 g) = 0.283 mW/g
 Maximum value of SAR (measured) = 0.383 mW/g



0 dB = 0.383 mW/g

WCDMA V Body SAR Test

Test Laboratory: SGS Testing Korea
 File Name: [WCDMA V Body.da4](#)

DUT: LG-P500h; Type: Mobile_Bar; Serial: 007KPQJ0810292
Program Name: WCDMA V_Body

Communication System: WCDMA V; Frequency: 836.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 837$ MHz; $\sigma = 0.935$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1782; ConvF(6.11, 6.11, 6.11); Calibrated: 2010-04-28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn567; Calibrated: 2009-12-09
- Phantom: SAM MIC #2000-93 with CRP_900MHz; Type: SAM MIC #2000-93; Serial: TP-1300
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body_Mid_Front/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.398 mW/g

Body_Mid_Front/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.1 V/m; Power Drift = 0.034 dB
 Peak SAR (extrapolated) = 0.464 W/kg
SAR(1 g) = 0.376 mW/g; SAR(10 g) = 0.284 mW/g
 Maximum value of SAR (measured) = 0.396 mW/g

