

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

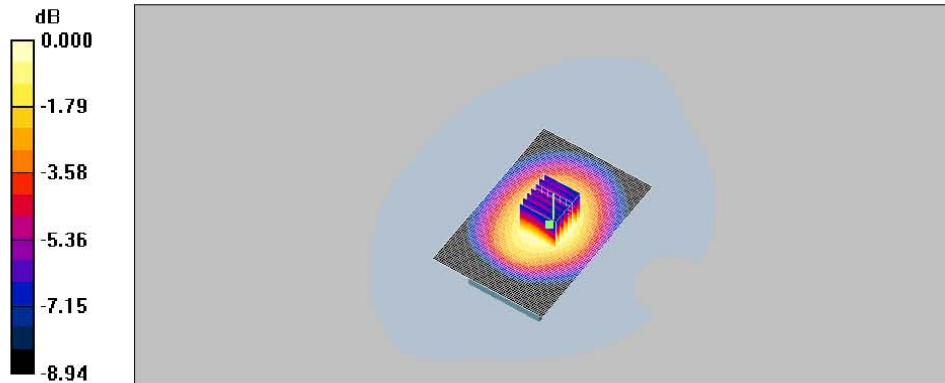
DASY4 Configuration:

- 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_Back/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.595 mW/g

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

Reference Value = 26.1 V/m; Power Drift = 0.025 dB
 Peak SAR (extrapolated) = 0.697 W/kg
SAR(1 g) = 0.564 mW/g; SAR(10 g) = 0.421 mW/g
 Maximum value of SAR (measured) = 0.592 mW/g



0 dB = 0.592mW/g

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_HSDPA_Mid_Back/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.602 mW/g

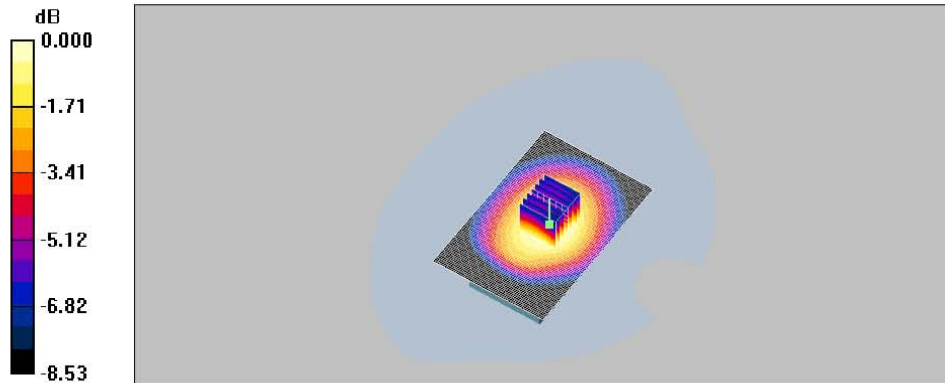
Body_HSDPA_Mid_Back/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.2 V/m; Power Drift = -0.100 dB

Peak SAR (extrapolated) = 0.707 W/kg

SAR(1 g) = 0.557 mW/g; SAR(10 g) = 0.414 mW/g

Maximum value of SAR (measured) = 0.588 mW/g



0 dB = 0.588mW/g

WCDMA II Head SAR Test

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

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

Communication System: W-CDMA II; Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³
 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

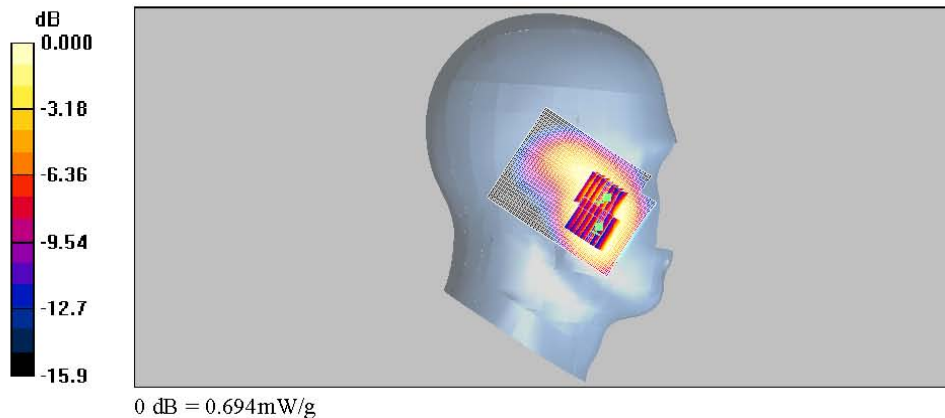
LE_Mid_Cheek/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.844 mW/g

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

Reference Value = 8.23 V/m; Power Drift = 0.034 dB
 Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.782 mW/g; SAR(10 g) = 0.460 mW/g
 Maximum value of SAR (measured) = 0.865 mW/g

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

Reference Value = 8.23 V/m; Power Drift = 0.034 dB
 Peak SAR (extrapolated) = 0.841 W/kg
SAR(1 g) = 0.646 mW/g; SAR(10 g) = 0.436 mW/g
 Maximum value of SAR (measured) = 0.694 mW/g



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

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

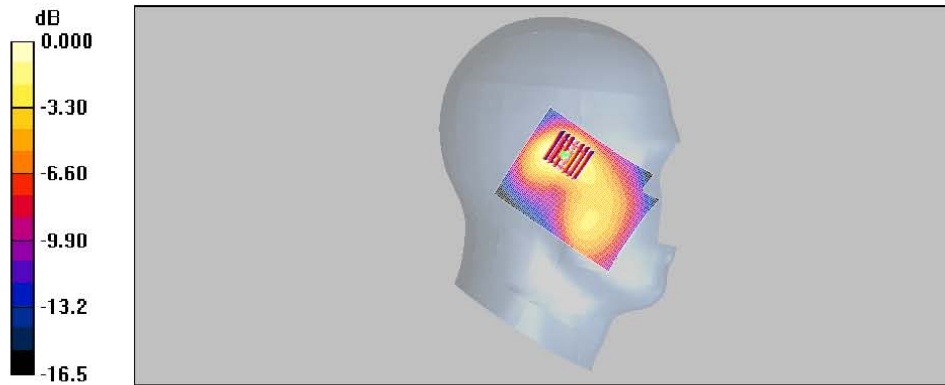
Communication System: W-CDMA II; Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.39 \text{ mho/m}$; $\epsilon_r = 40.3$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section

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) = 0.414 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 = 12.9 V/m; Power Drift = -0.137 dB
 Peak SAR (extrapolated) = 0.545 W/kg
SAR(1 g) = 0.378 mW/g; SAR(10 g) = 0.227 mW/g
 Maximum value of SAR (measured) = 0.417 mW/g



0 dB = 0.417mW/g

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

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

Communication System: W-CDMA II; Frequency: 1852.4 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1852.4 \text{ MHz}$; $\sigma = 1.37 \text{ mho/m}$; $\epsilon_r = 40.4$; $\rho = 1000 \text{ kg/m}^3$
 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_Low_Cheek/Area Scan (61x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 1.13 mW/g

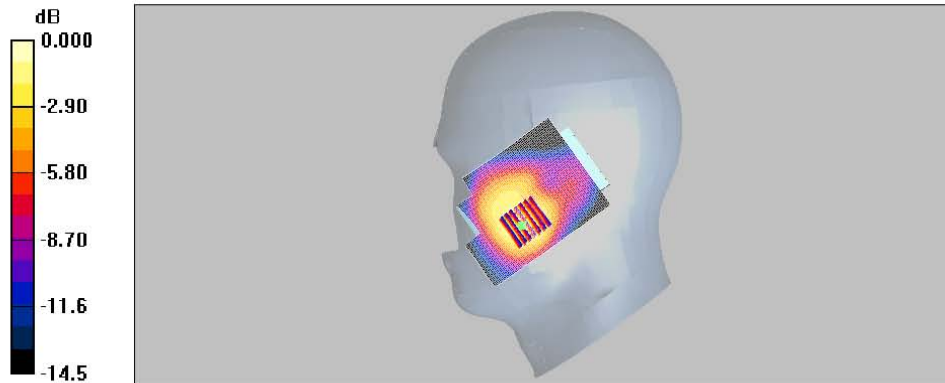
RE_Low_Cheek/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$,
 $dz=5\text{mm}$

Reference Value = 10.3 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 1.40 W/kg

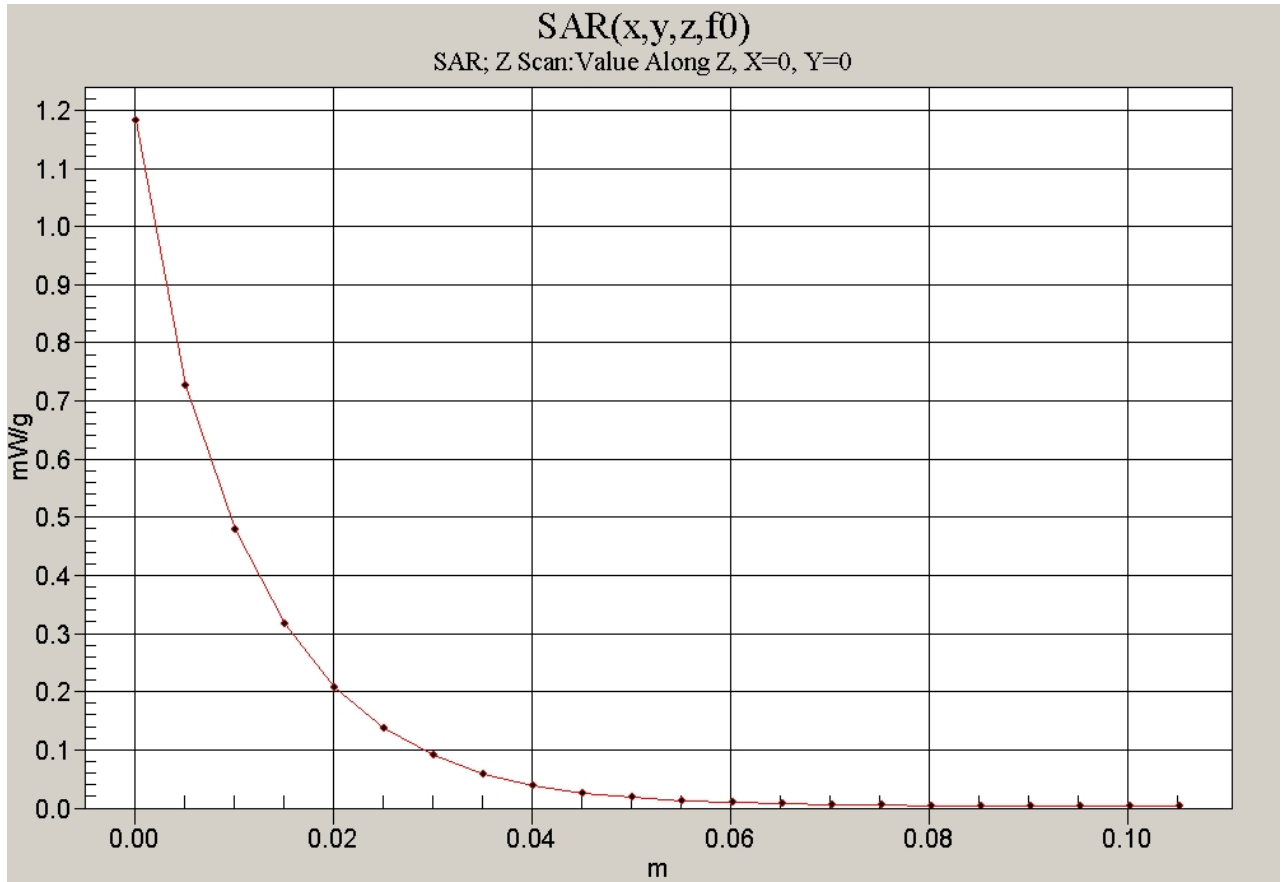
SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.661 mW/g

Maximum value of SAR (measured) = 1.13 mW/g



0 dB = 1.13mW/g

Z Scan



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

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

Communication System: W-CDMA II; Frequency: 1880 MHz; Duty Cycle: 1:1
 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) = 0.900 mW/g

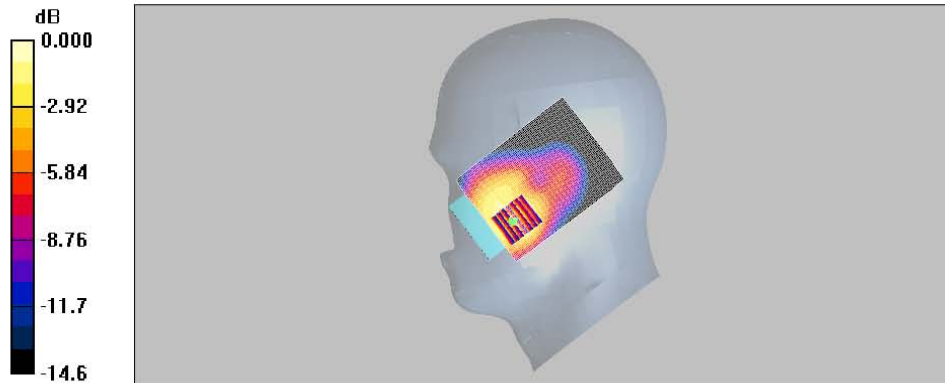
RE_Mid_Cheek/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$,
 $dz=5\text{mm}$

Reference Value = 10.0 V/m ; Power Drift = 0.059 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.825 mW/g ; SAR(10 g) = 0.523 mW/g

Maximum value of SAR (measured) = 0.893 mW/g



0 dB = 0.893 mW/g

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

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

Communication System: W-CDMA II; Frequency: 1907.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.42 \text{ mho/m}$; $\epsilon_r = 40.1$; $\rho = 1000 \text{ kg/m}^3$
 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_High_Cheek/Area Scan (61x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 0.954 mW/g

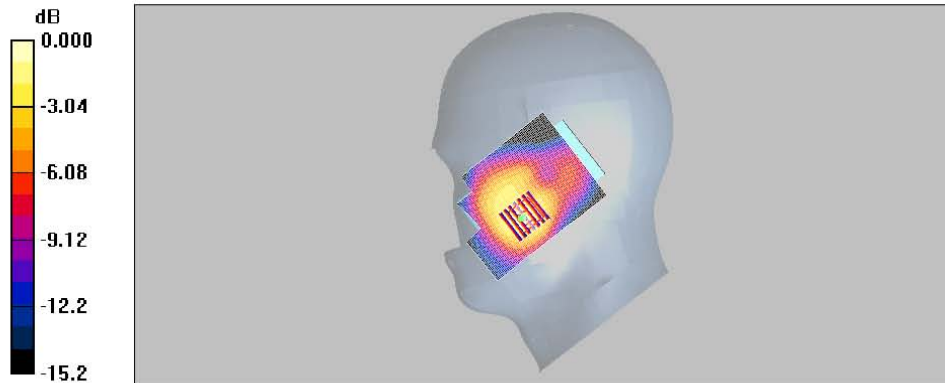
RE_High_Cheek/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$,
 $dz=5\text{mm}$

Reference Value = 10.5 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.879 mW/g; SAR(10 g) = 0.539 mW/g

Maximum value of SAR (measured) = 0.956 mW/g



0 dB = 0.956mW/g

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

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

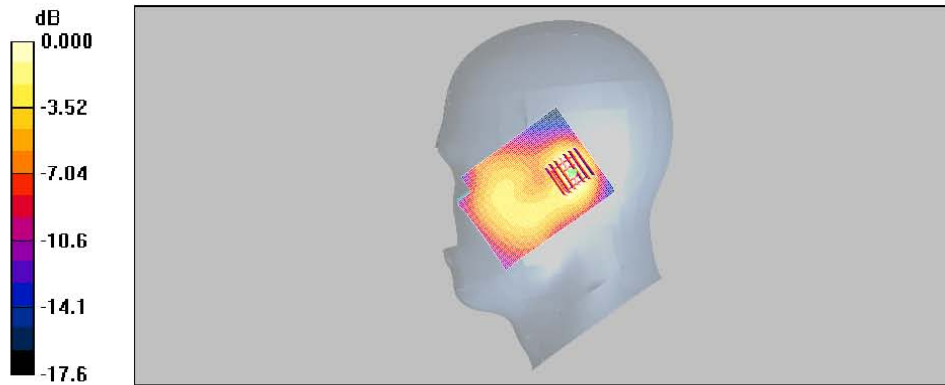
Communication System: W-CDMA II; Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.39 \text{ mho/m}$; $\epsilon_r = 40.3$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Right Section

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) = 0.360 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 = 14.0 V/m ; Power Drift = -0.002 dB
 Peak SAR (extrapolated) = 0.432 W/kg
SAR(1 g) = 0.302 mW/g ; SAR(10 g) = 0.182 mW/g
 Maximum value of SAR (measured) = 0.334 mW/g



0 dB = 0.334 mW/g

WCDMA II Body SAR Test

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

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

Communication System: W-CDMA II; Frequency: 1880 MHz; Duty Cycle: 1:1
 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

Body_Mid_Front/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.427 mW/g

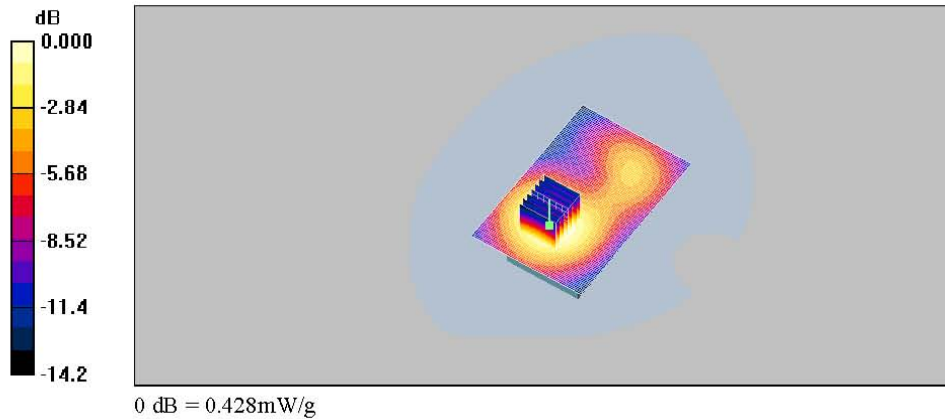
Body_Mid_Front/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.42 V/m; Power Drift = 0.025 dB

Peak SAR (extrapolated) = 0.534 W/kg

SAR(1 g) = 0.393 mW/g; SAR(10 g) = 0.250 mW/g

Maximum value of SAR (measured) = 0.428 mW/g



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

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

Communication System: W-CDMA II; Frequency: 1880 MHz; Duty Cycle: 1:1
 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

Body_Mid_Back/Area Scan (61x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 0.492 mW/g

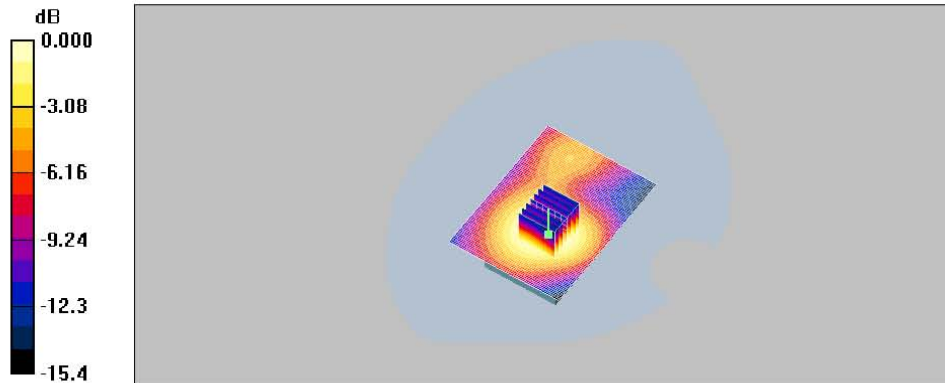
Body_Mid_Back/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$,
 $dz=5\text{mm}$

Reference Value = 10.2 V/m; Power Drift = -0.087 dB

Peak SAR (extrapolated) = 0.616 W/kg

SAR(1 g) = 0.440 mW/g; SAR(10 g) = 0.278 mW/g

Maximum value of SAR (measured) = 0.481 mW/g



0 dB = 0.481mW/g

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

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

Communication System: W-CDMA II; Frequency: 1880 MHz; Duty Cycle: 1:1
 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

Body_HSDPA_Mid_Back/Area Scan (61x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 0.470 mW/g

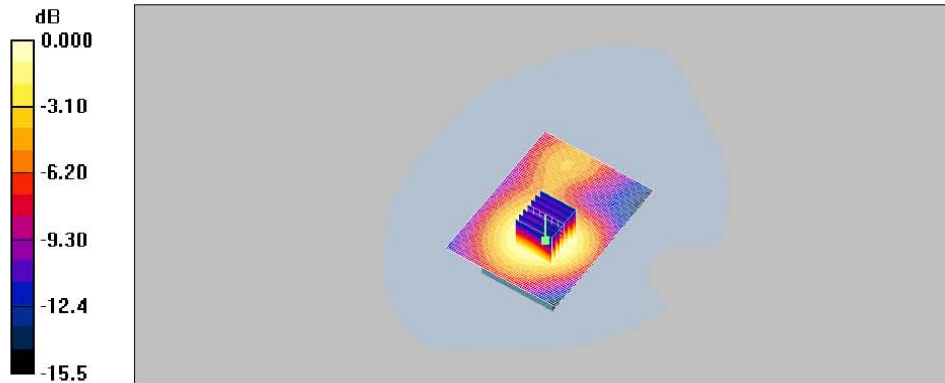
Body_HSDPA_Mid_Back/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$,
 $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.98 V/m ; Power Drift = -0.016 dB

Peak SAR (extrapolated) = 0.591 W/kg

SAR(1 g) = 0.424 mW/g ; SAR(10 g) = 0.268 mW/g

Maximum value of SAR (measured) = 0.463 mW/g



0 dB = 0.463 mW/g

WLAN Head SAR Test

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

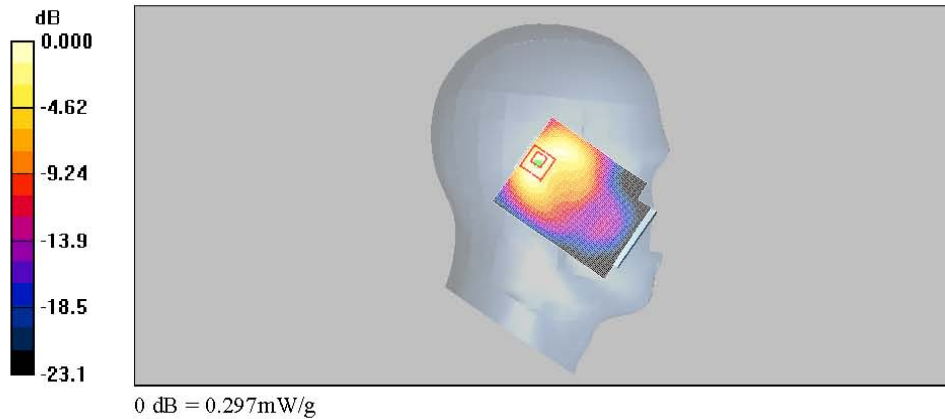
DUT: LG-P500h; Type: Mobile_Bar; Serial: 007KPQJ0810292
Program Name: WLAN_Head

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.8$ mho/m; $\epsilon_r = 38.3$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

DASY4 Configuration:
 - Probe: ET3DV6 - SN1782; ConvF(4.48, 4.48, 4.48); 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_11b_Mid_Cheek/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.276 mW/g

LE_11b_Mid_Cheek/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 13.5 V/m; Power Drift = -0.083 dB
 Peak SAR (extrapolated) = 0.664 W/kg
SAR(1 g) = 0.273 mW/g; SAR(10 g) = 0.130 mW/g
 Maximum value of SAR (measured) = 0.297 mW/g



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

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

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.8$ mho/m; $\epsilon_r = 38.3$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1782; ConvF(4.48, 4.48, 4.48); 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_11b_Mid_Tilt/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.269 mW/g

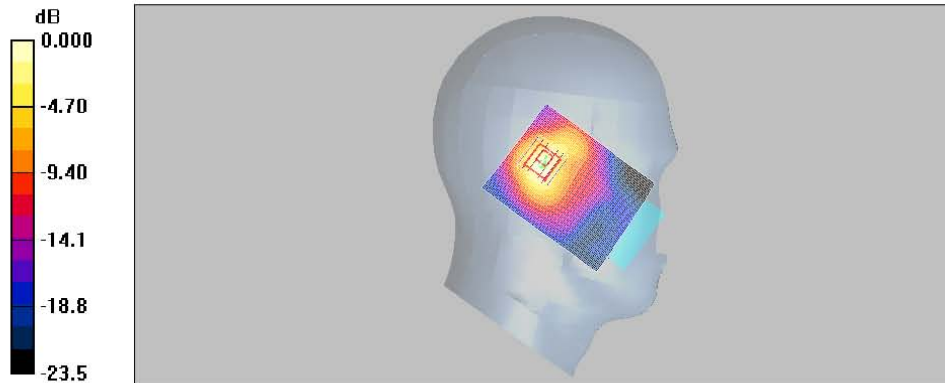
LE_11b_Mid_Tilt/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.8 V/m; Power Drift = -0.038 dB

Peak SAR (extrapolated) = 0.657 W/kg

SAR(1 g) = 0.273 mW/g; SAR(10 g) = 0.126 mW/g

Maximum value of SAR (measured) = 0.317 mW/g



0 dB = 0.317mW/g

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

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

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.8$ mho/m; $\epsilon_r = 38.3$; $\rho = 1000$ kg/m³
 Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1782; ConvF(4.48, 4.48, 4.48); 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_11b_Mid_Cheek/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.375 mW/g

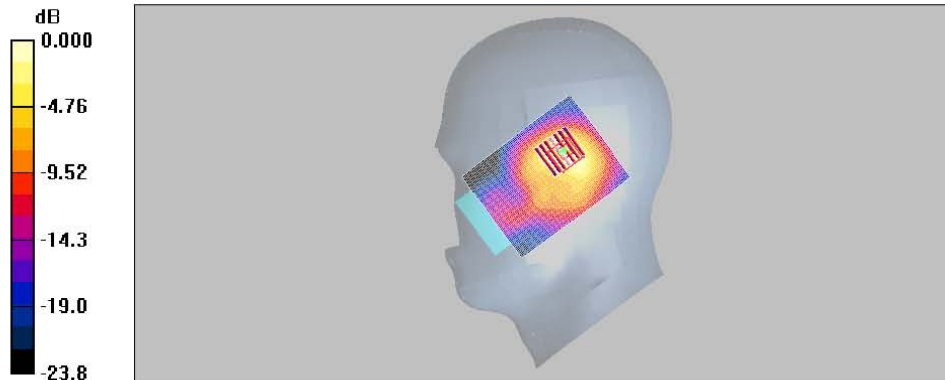
RE_11b_Mid_Cheek/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm,
 dz=5mm

Reference Value = 13.5 V/m; Power Drift = 0.162 dB

Peak SAR (extrapolated) = 0.594 W/kg

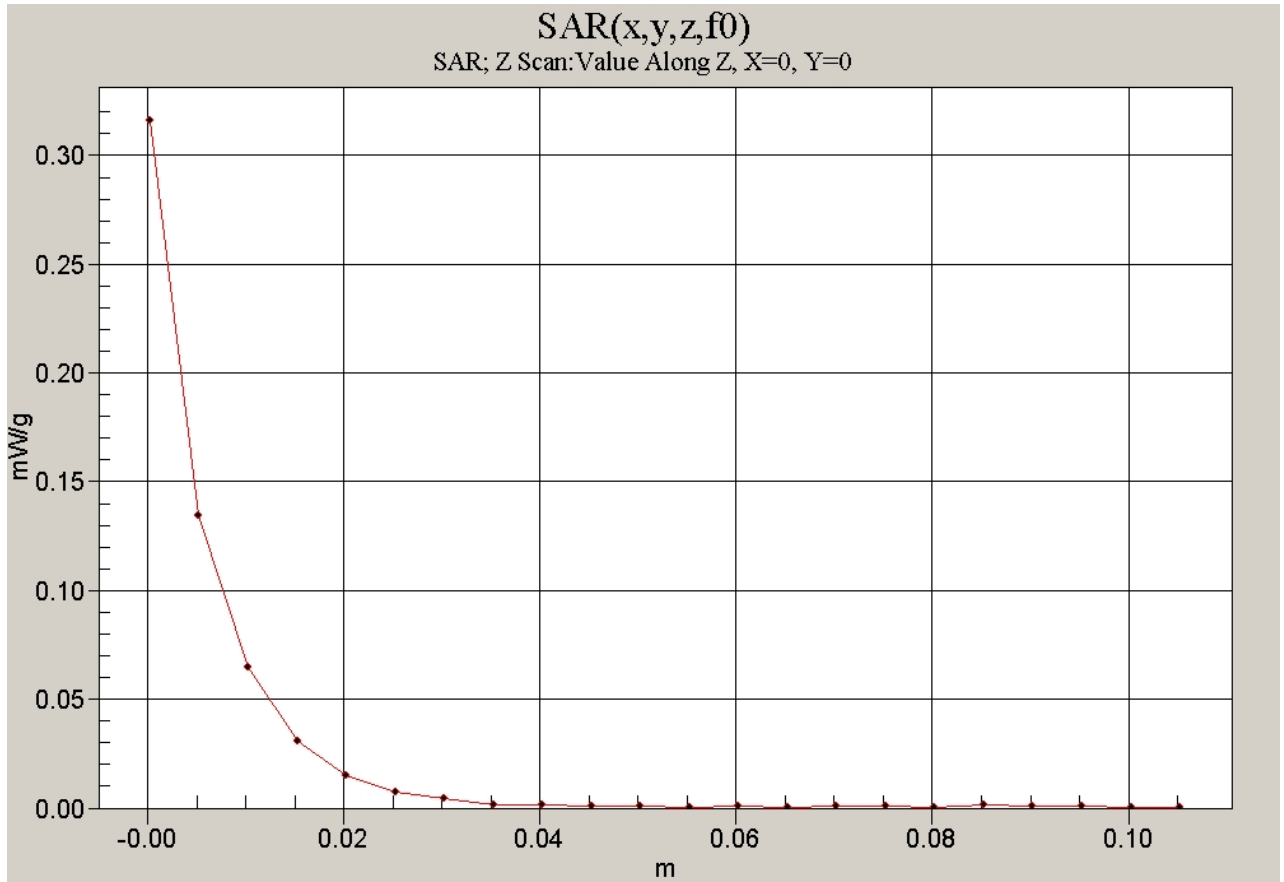
SAR(1 g) = 0.295 mW/g; SAR(10 g) = 0.150 mW/g

Maximum value of SAR (measured) = 0.334 mW/g



0 dB = 0.334mW/g

Z Scan



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

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

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.8$ mho/m; $\epsilon_r = 38.3$; $\rho = 1000$ kg/m³
 Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1782; ConvF(4.48, 4.48, 4.48); 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_11b_Mid_Tilt/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.345 mW/g

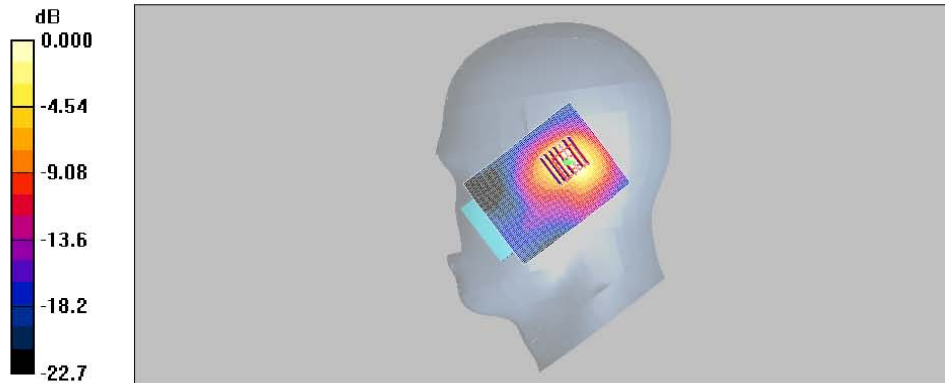
RE_11b_Mid_Tilt/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm,
 dz=5mm

Reference Value = 14.2 V/m; Power Drift = 0.025 dB

Peak SAR (extrapolated) = 0.574 W/kg

SAR(1 g) = 0.290 mW/g; SAR(10 g) = 0.139 mW/g

Maximum value of SAR (measured) = 0.315 mW/g



0 dB = 0.315mW/g

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

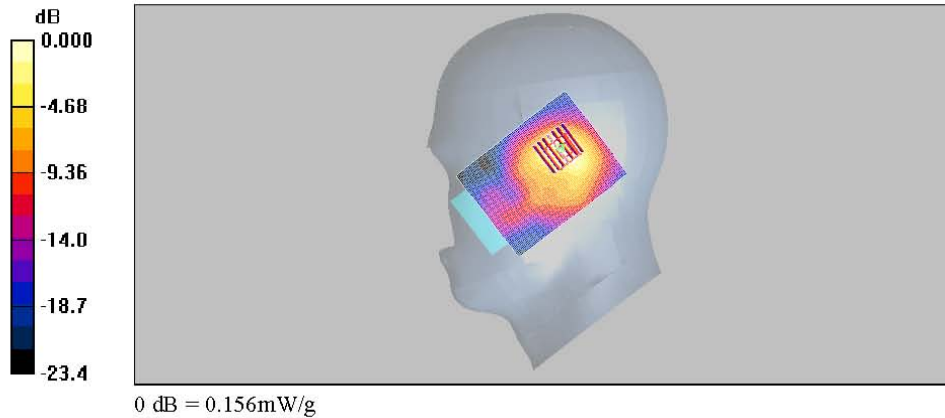
DUT: LG-P500h; Type: Mobile_Bar; Serial: 007KPQJ0810292
Program Name: WLAN_Head

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.8$ mho/m; $\epsilon_r = 38.3$; $\rho = 1000$ kg/m³
 Phantom section: Right Section

DASY4 Configuration:
 - Probe: ET3DV6 - SN1782; ConvF(4.48, 4.48, 4.48); 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_11g_Mid_Cheek/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.172 mW/g

RE_11g_Mid_Cheek/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 9.76 V/m; Power Drift = -0.043 dB
 Peak SAR (extrapolated) = 0.279 W/kg
SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.070 mW/g
 Maximum value of SAR (measured) = 0.156 mW/g



WLAN Body SAR Test

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

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

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 50.5$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1782; ConvF(4.07, 4.07, 4.07); 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

WLAN_11b_Mid_Front/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.052 mW/g

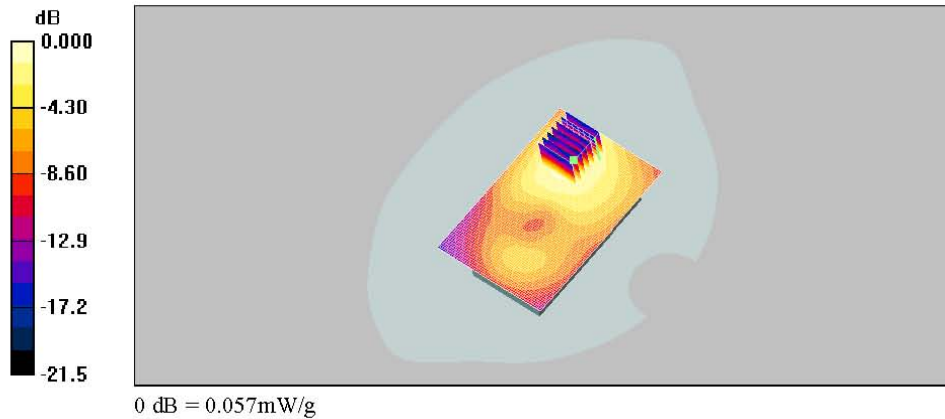
WLAN_11b_Mid_Front/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.80 V/m; Power Drift = -0.060 dB

Peak SAR (extrapolated) = 0.154 W/kg

SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.027 mW/g

Maximum value of SAR (measured) = 0.057 mW/g



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

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

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 50.5$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1782; ConvF(4.07, 4.07, 4.07); 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

WLAN_11b_Mid_Back/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.090 mW/g

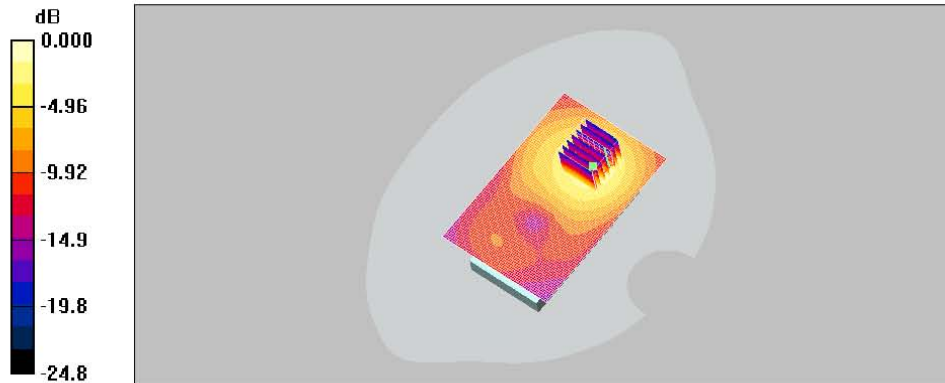
WLAN_11b_Mid_Back/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,
 dy=5mm, dz=5mm

Reference Value = 3.04 V/m; Power Drift = -0.099 dB

Peak SAR (extrapolated) = 0.347 W/kg

SAR(1 g) = 0.093 mW/g; SAR(10 g) = 0.049 mW/g

Maximum value of SAR (measured) = 0.137 mW/g



0 dB = 0.137mW/g