

Date/Time: 2/15/2011 2:07:12 PM, Date/Time: 2/15/2011 2:16:02 PM

P1528_OET65_EN62209- towards ground- GSM1900 EGPRS 2TS Middle

DUT: U6150-5; Type: Handset; Serial: 9UA4CB10C0800084

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DAS Y5 (IEEE/IEC/ANSI C63.19-2007)

DAS Y5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.61, 4.61, 4.61); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DAS Y5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.769 mW/g

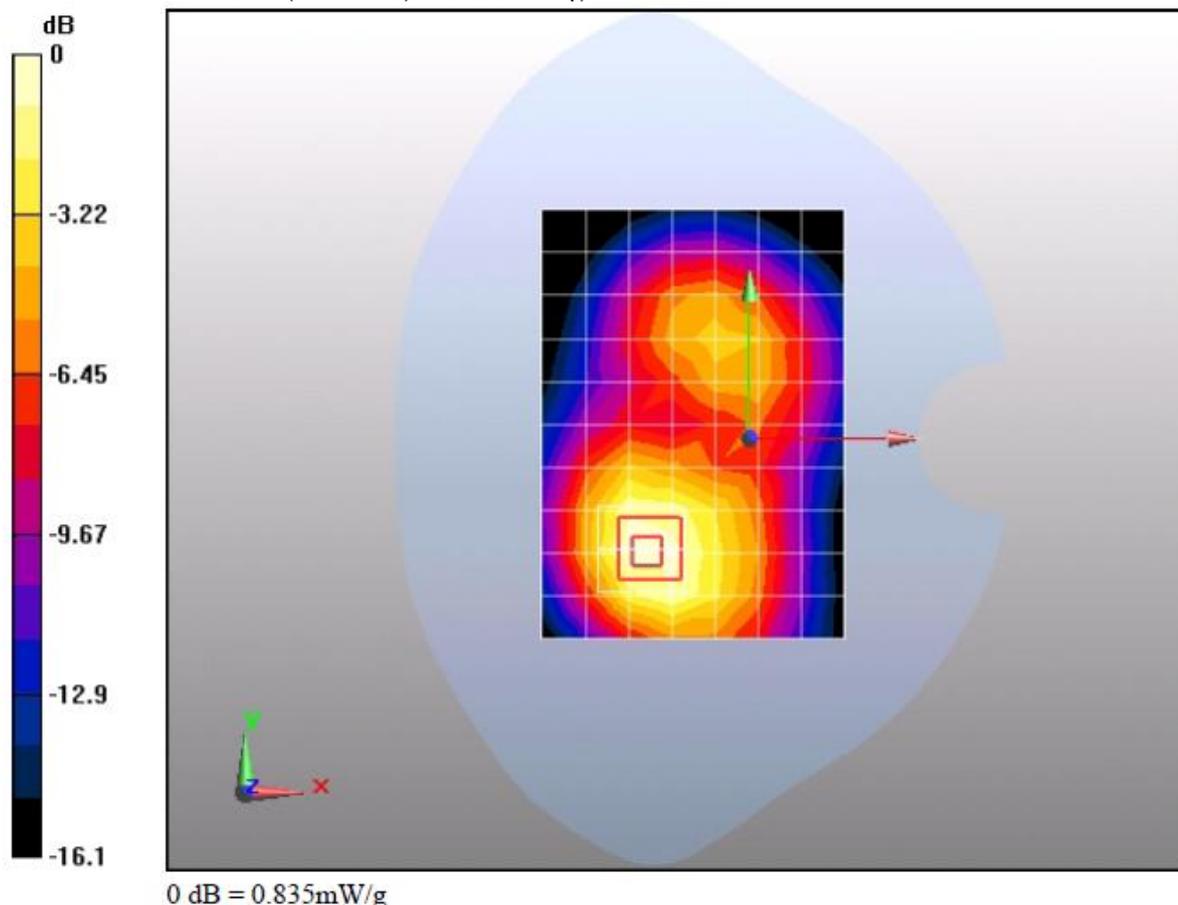
Configuration/body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.42 V/m; Power Drift = -0.116 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.771 mW/g; SAR(10 g) = 0.466 mW/g

Maximum value of SAR (measured) = 0.835 mW/g



Additional information:

position or distance of DUT to SAM (if not standard head positions) : 15 mm

ambient temperature: 22.3°C; liquid temperature: 21.8°C

Date/Time: 2/15/2011 2:32:26 PM, Date/Time: 2/15/2011 2:41:15 PM

P1528_OET65_EN62209- towards ground- GSM1900 EGPRS 2TS High

DUT: U6150-5; Type: Handset; Serial: 9UA4CB10C0800084

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 1909.8 MHz

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DAS Y5 (IEEE/IEC/ANSI C63.19-2007)

DAS Y5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.61, 4.61, 4.61); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DAS Y5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.709 mW/g

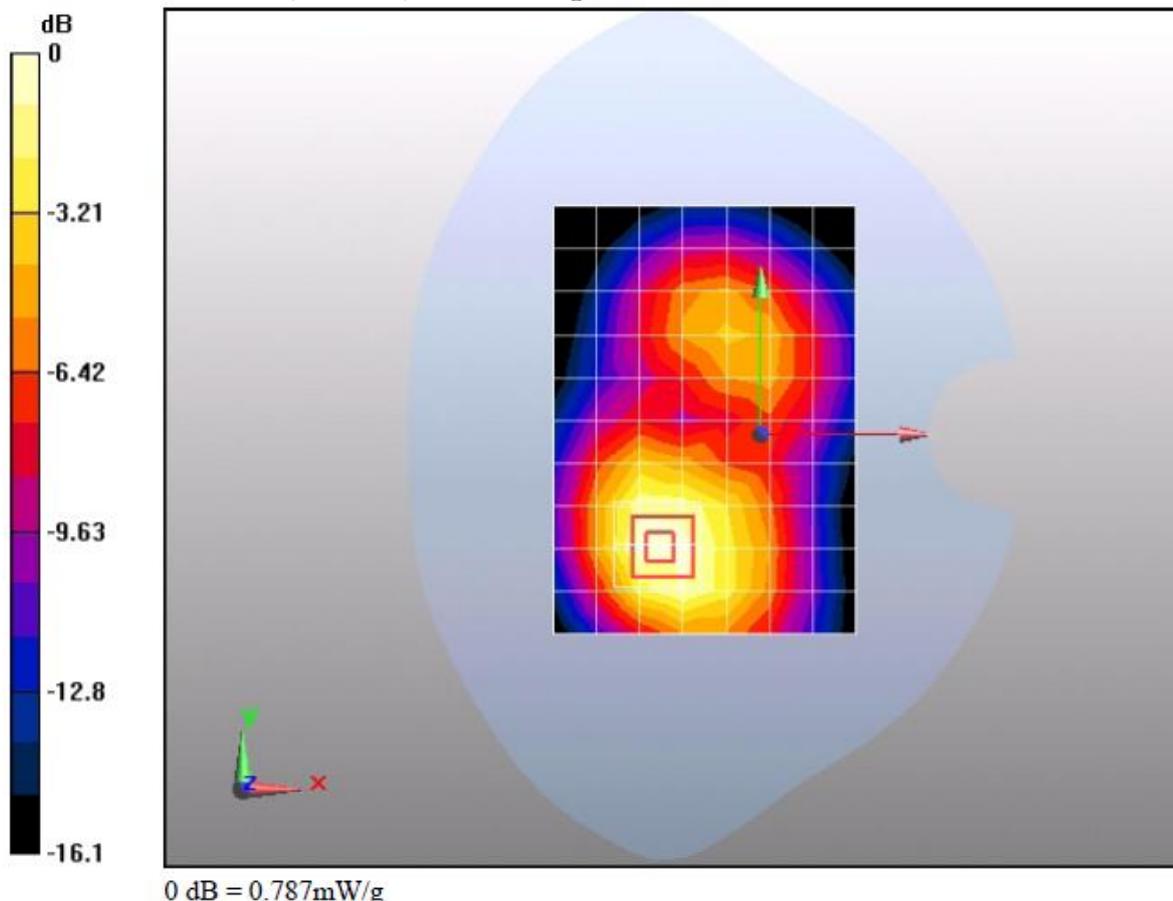
Configuration/body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.45 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 1.2 W/kg

SAR(1 g) = 0.724 mW/g; SAR(10 g) = 0.436 mW/g

Maximum value of SAR (measured) = 0.787 mW/g



Additional information:

position or distance of DUT to SAM (if not standard head positions) : 15 mm

ambient temperature: 22.3°C; liquid temperature: 21.8°C

Date/Time: 2/15/2011 2:57:12 PM, Date/Time: 2/15/2011 3:05:58 PM

P1528_OET65_EN62209- towards ground- GSM1900 EGPRS 2TS Low

DUT: U6150-5; Type: Handset; Serial: 9UA4CB10C0800084

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 1850.2 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DAS Y5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.61, 4.61, 4.61); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DAS Y5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.695 mW/g

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

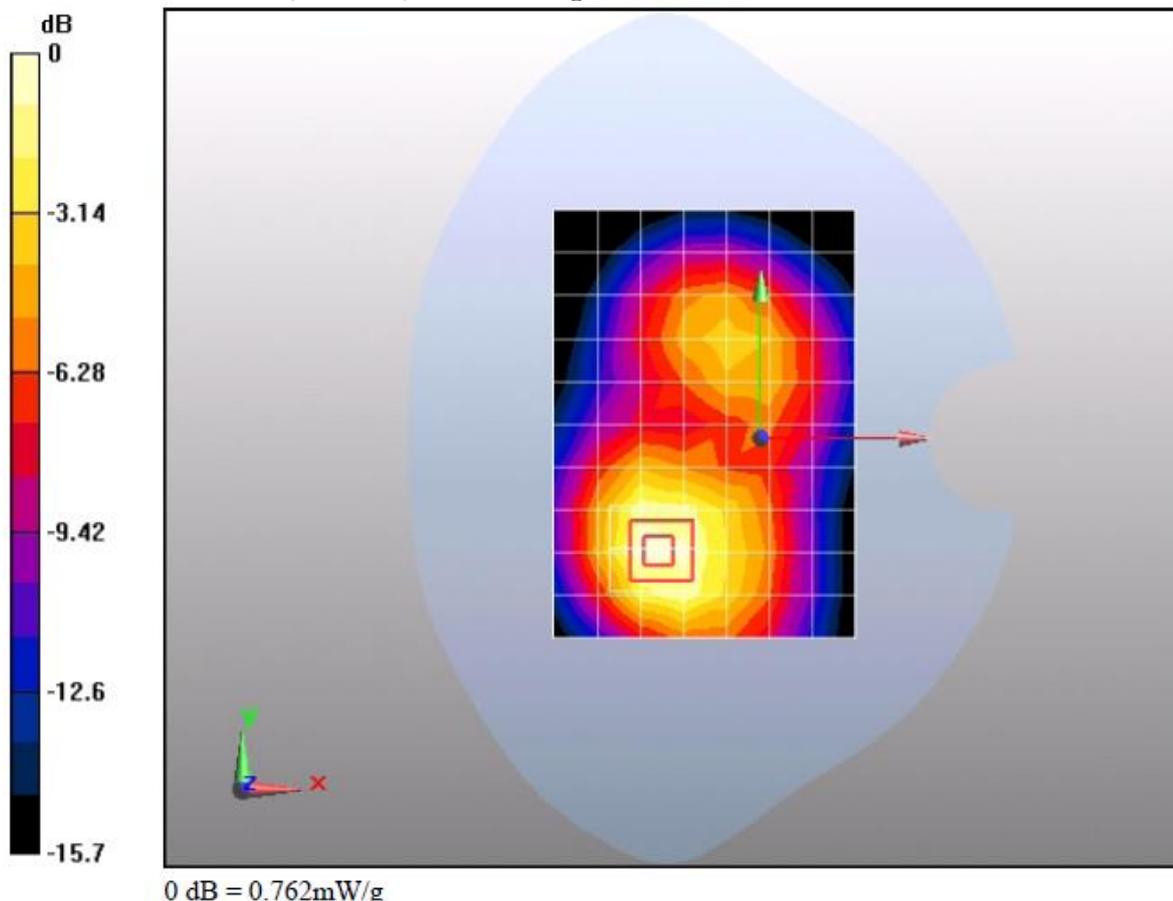
Reference Value = 9.43 V/m; Power Drift = 0.015 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.700 mW/g; SAR(10 g) = 0.421 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.762 mW/g



Additional information:

position or distance of DUT to SAM (if not standard head positions) :15 mm

ambient temperature: 22.3°C; liquid temperature: 21.8°C

P1528_OET65_EN62209- towards ground- GSM1900 with Headset Middle

DUT: U6150-5; Type: Handset; Serial: 9UA4CB10C0800084

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DAS Y5 (IEEE/IEC/ANSI C63.19-2007)

DAS Y5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.61, 4.61, 4.61); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DAS Y5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.371 mW/g

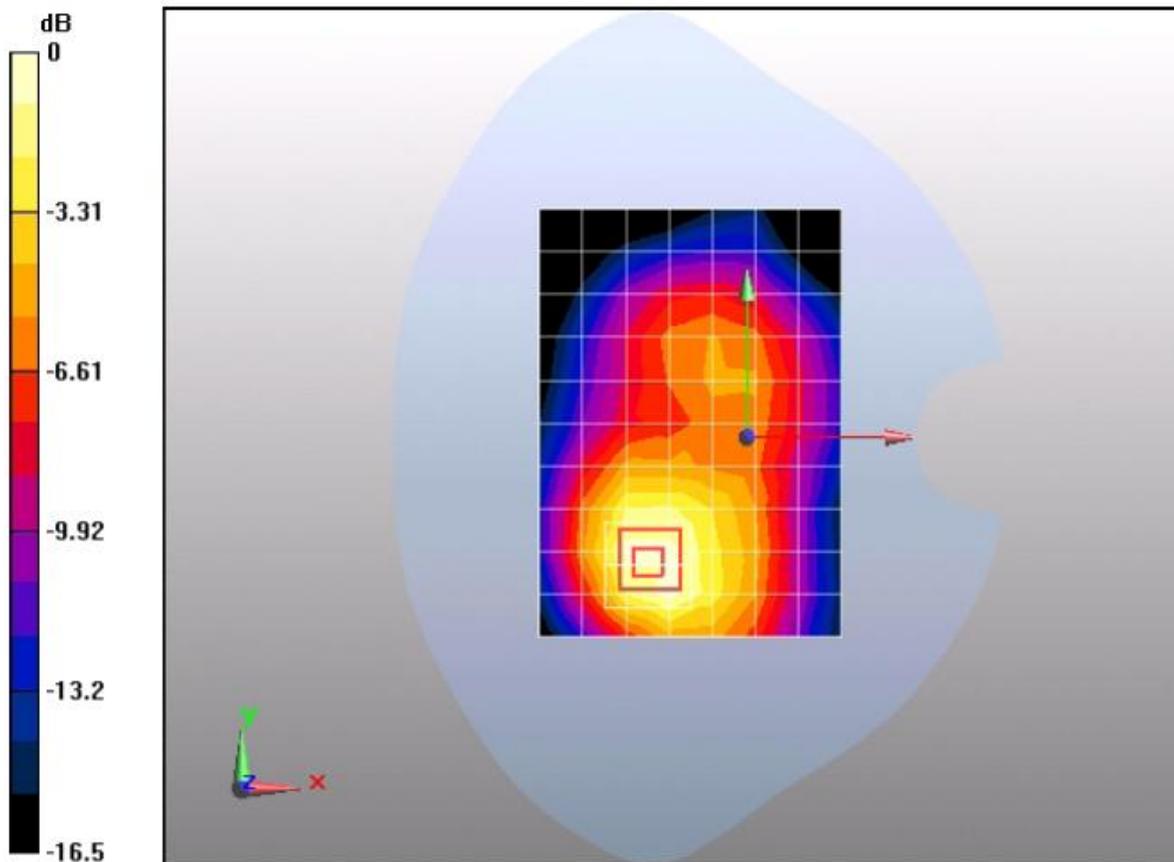
Configuration/body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.03 V/m; Power Drift = 0.129 dB

Peak SAR (extrapolated) = 0.644 W/kg

SAR(1 g) = 0.399 mW/g; SAR(10 g) = 0.237 mW/g

Maximum value of SAR (measured) = 0.431 mW/g



0 dB = 0.431mW/g

Additional information:

position or distance of DUT to SAM (if not standard head positions) : 15 mm

ambient temperature: 22.3°C; liquid temperature: 21.8°C

Date/Time: 2/15/2011 4:14:27 PM, Date/Time: 2/15/2011 4:23:15 PM

P1528_OET65_EN62209- towards ground- GSM1900 with Bluetooth Headset Middle

DUT: U6150-5; Type: Handset; Serial: 9UA4CB10C0800084

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DAS Y5 (IEEE/IEC/ANSI C63.19-2007)

DAS Y5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.61, 4.61, 4.61); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DAS Y5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.425 mW/g

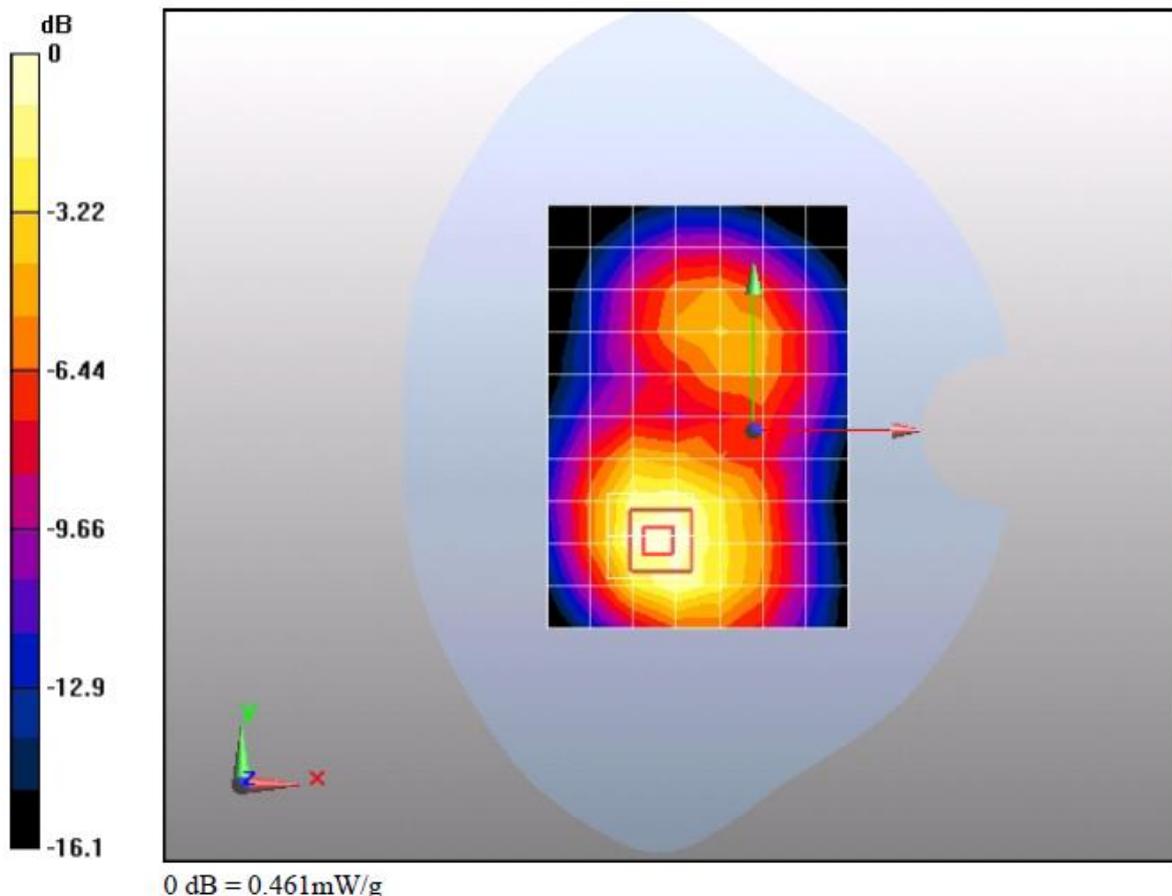
Configuration/body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.78 V/m; Power Drift = 0.020 dB

Peak SAR (extrapolated) = 0.706 W/kg

SAR(1 g) = 0.432 mW/g; SAR(10 g) = 0.259 mW/g

Maximum value of SAR (measured) = 0.461 mW/g



Additional information:

position or distance of DUT to SAM (if not standard head positions) : 15 mm

ambient temperature: 22.3°C; liquid temperature: 21.8°C

Annex 2.3 GSM 850 MHz Head

Date/Time: 2/16/2011 9:15:19 AM, Date/Time: 2/16/2011 9:24:04 AM

P1528_OET65_EN62209- LeftHandSide touched –GSM850 Middle

DUT: U6150-5; Type: Handset; Serial: 9UA4CB10C0800084

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.877$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DAS Y5 (IEEE/IEC/ANSI C63.19-2007)

DAS Y5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.98, 5.98, 5.98); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DAS Y5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.515 mW/g

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

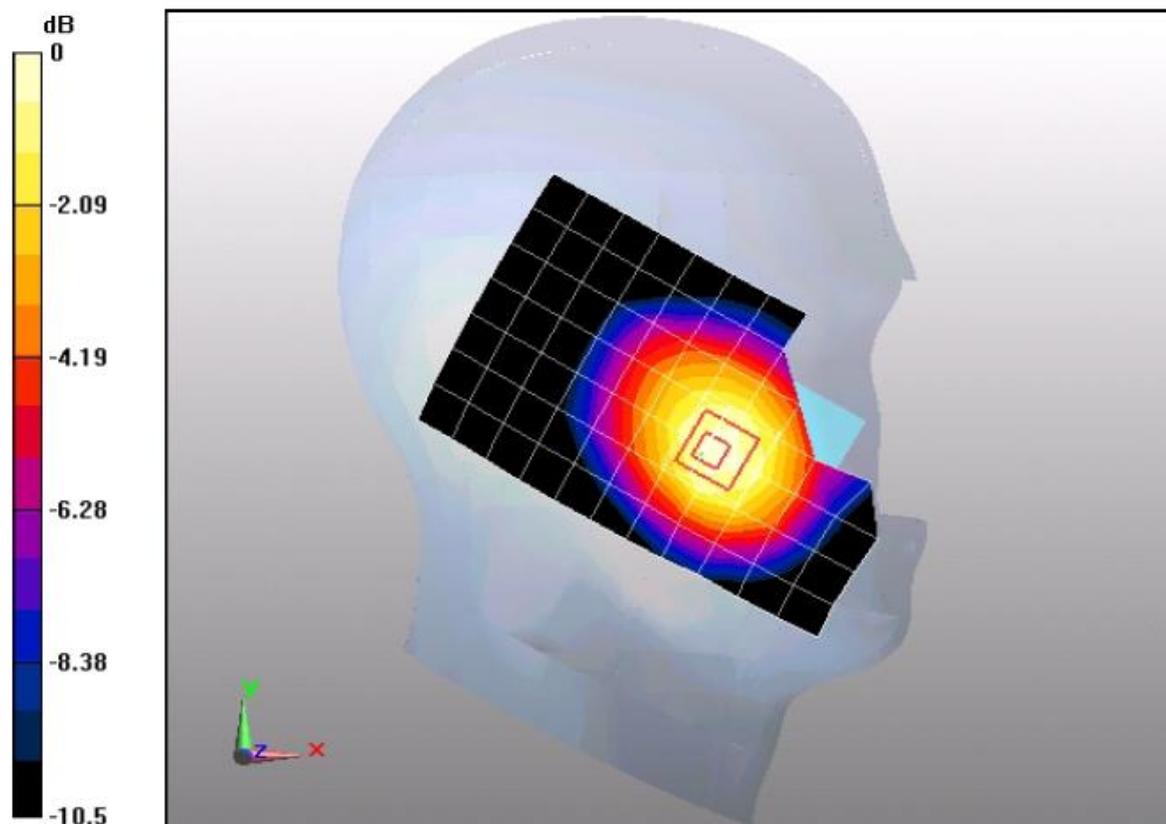
Reference Value = 6.73 V/m; Power Drift = 0.018 dB

Peak SAR (extrapolated) = 0.634 W/kg

SAR(1 g) = 0.492 mW/g; SAR(10 g) = 0.362 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.517 mW/g



0 dB = 0.517mW/g

Additional information:

position or distance of DUT to SAM (if not standard head positions) :

ambient temperature: 22.0°C; liquid temperature: 21.6°C

Date/Time: 2/16/2011 9:44:27 AM, Date/Time: 2/16/2011 9:53:13 AM

P1528_OET65_EN62209- LeftHandSide tilted 15° –GSM850 Middle

DUT: U6150-5; Type: Handset; Serial: 9UA4CB10C0800084

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.877$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DAS Y5 (IEEE/IEC/ANSI C63.19-2007)

DAS Y5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.98, 5.98, 5.98); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DAS Y5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.320 mW/g

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

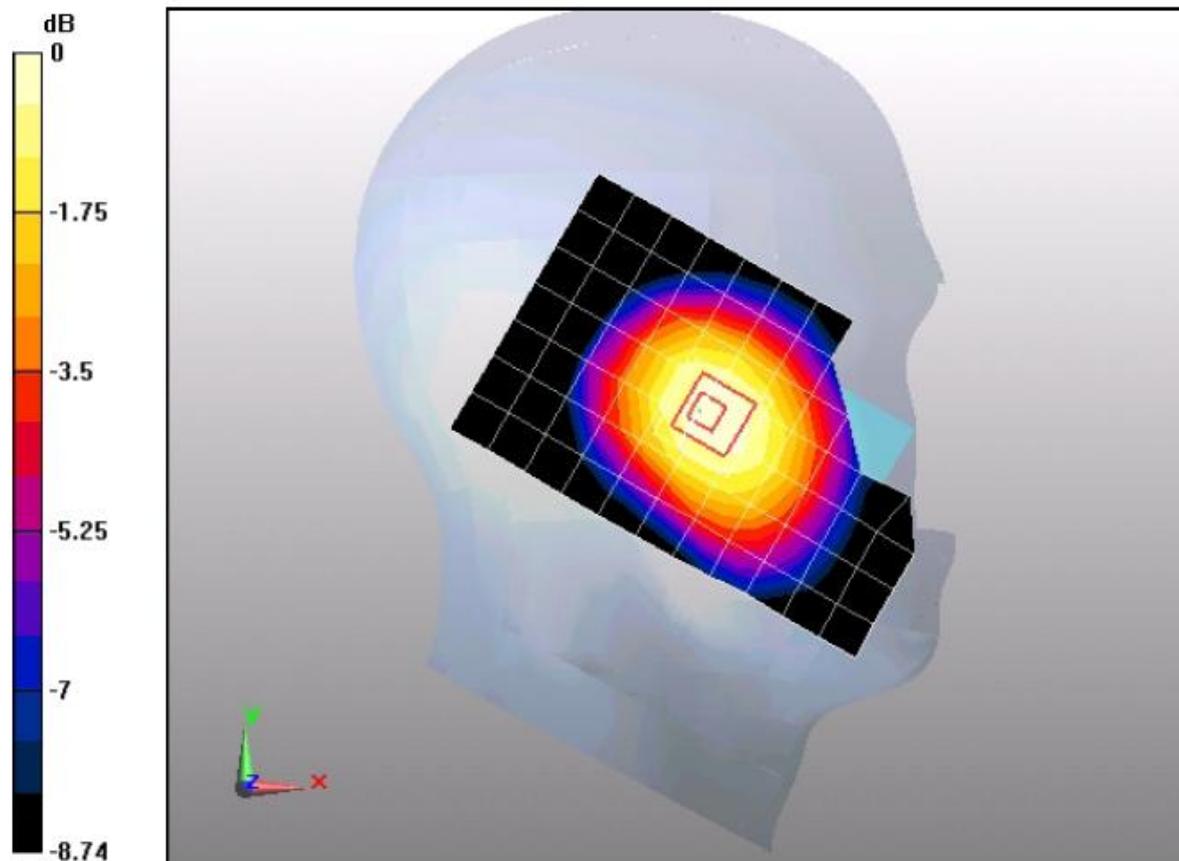
Reference Value = 12.4 V/m; Power Drift = 0.014 dB

Peak SAR (extrapolated) = 0.384 W/kg

SAR(1 g) = 0.311 mW/g; SAR(10 g) = 0.238 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.325 mW/g



0 dB = 0.325mW/g

Additional information:

position or distance of DUT to SAM (if not standard head positions) :

ambient temperature: 22.0°C; liquid temperature: 21.6°C

Date/Time: 2/16/2011 10:31:29 AM, Date/Time: 2/16/2011 10:40:02 AM

P1528_OET65_EN62209- RightHandSide touched -GSM850 Middle

DUT: U6150-5; Type: Handset; Serial: 9UA4CB10C0800084

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.877$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DAS Y5 (IEEE/IEC/ANSI C63.19-2007)

DAS Y5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.98, 5.98, 5.98); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DAS Y5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.439 mW/g

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

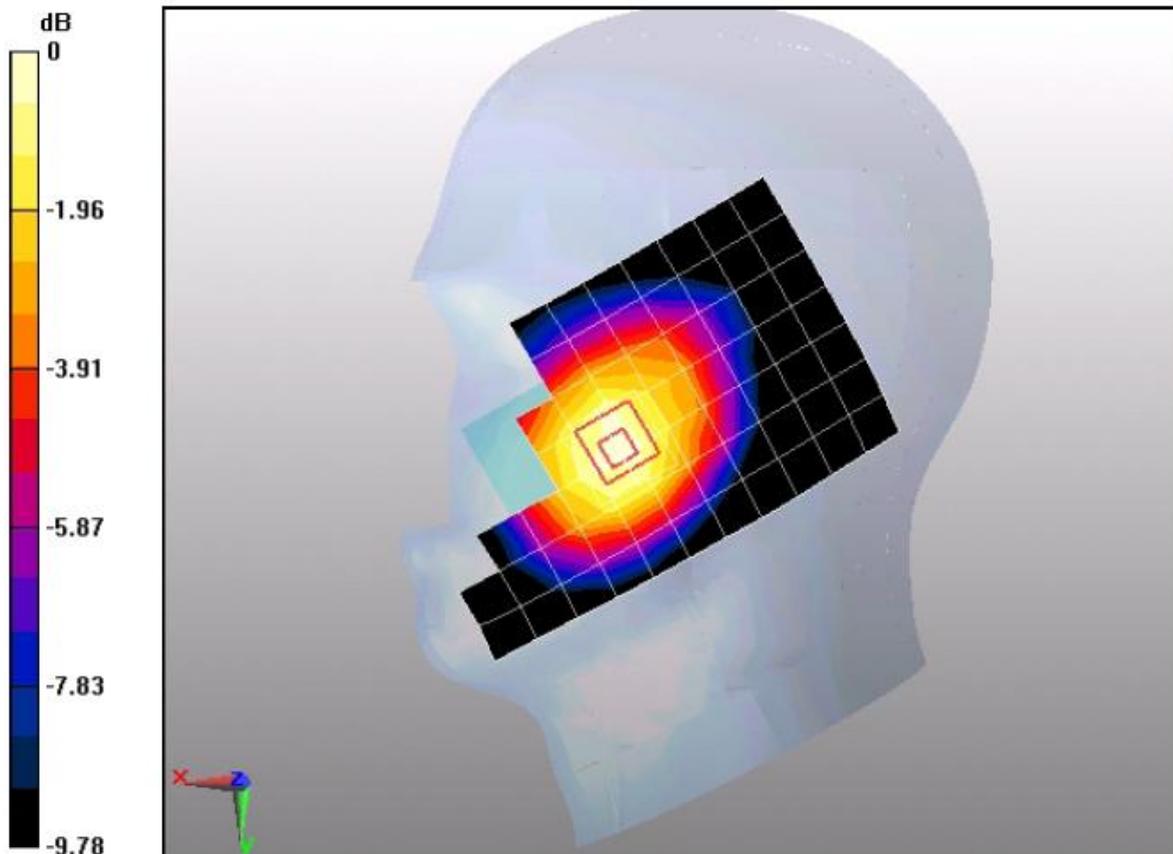
Reference Value = 7.42 V/m; Power Drift = -0.108 dB

Peak SAR (extrapolated) = 0.560 W/kg

SAR(1 g) = 0.431 mW/g; SAR(10 g) = 0.314 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.458 mW/g



0 dB = 0.458mW/g

Additional information:

position or distance of DUT to SAM (if not standard head positions) :

ambient temperature: 22.0°C; liquid temperature: 21.6°C

Date/Time: 2/16/2011 3:07:56 PM, Date/Time: 2/16/2011 3:18:50 PM

P1528_OET65_EN62209- RightHandSide tilted 15° –GSM850 Middle

DUT: U6150-5; Type: Handset; Serial: 9UA4CB10C0800084

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.877$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DAS Y5 (IEEE/IEC/ANSI C63.19-2007)

DAS Y5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.98, 5.98, 5.98); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DAS Y5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.310 mW/g

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

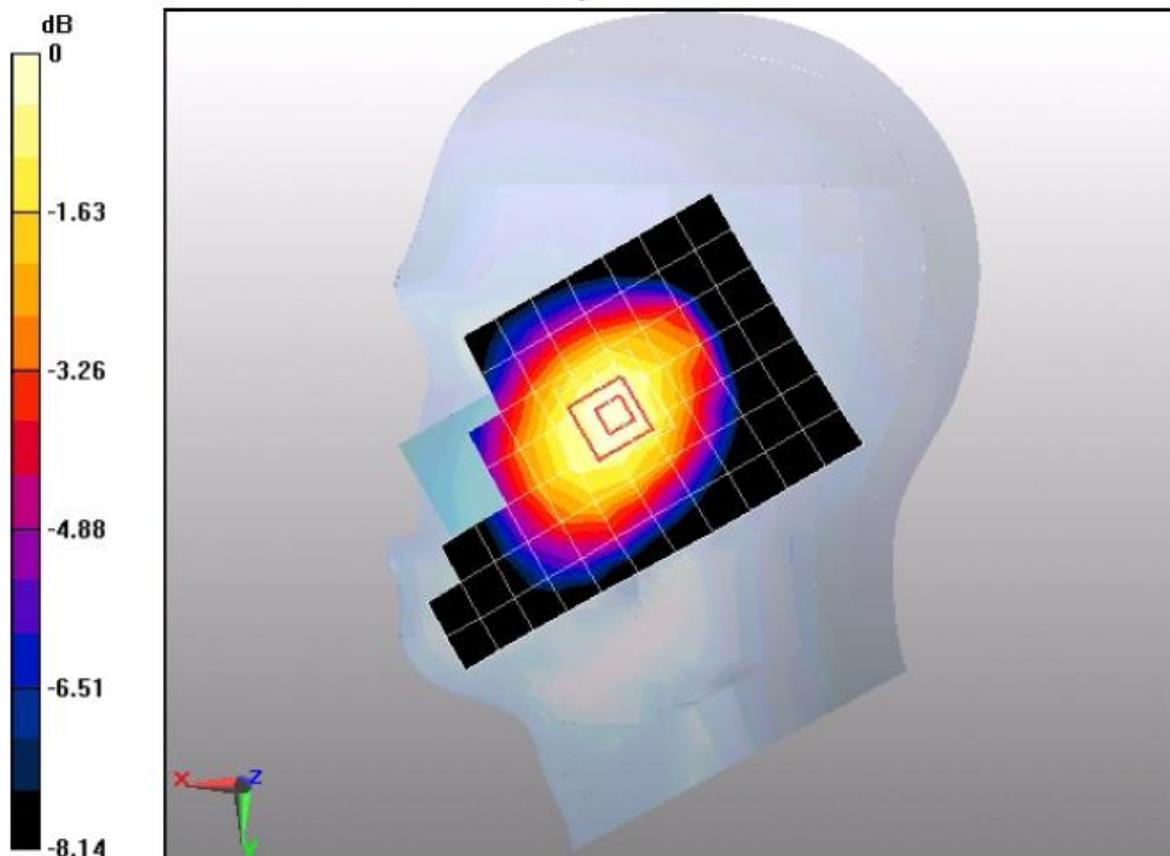
Reference Value = 12.7 V/m; Power Drift = 0.094 dB

Peak SAR (extrapolated) = 0.382 W/kg

SAR(1 g) = 0.314 mW/g; SAR(10 g) = 0.241 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.328 mW/g



0 dB = 0.328mW/g

Additional information:

position or distance of DUT to SAM (if not standard head positions) :

ambient temperature: 22.0°C; liquid temperature: 21.6°C

Date/Time: 2/16/2011 2:09:30 PM, Date/Time: 2/16/2011 2:18:15 PM

P1528_OET65_EN62209- LeftHandSide touched –GSM850 High

DUT: U6150–5; Type: Handset; Serial: 9UA4CB10C0800084

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 848.8 MHz

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.875$ mho/m; $\epsilon_r = 41.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DAS Y5 (IEEE/IEC/ANSI C63.19-2007)

DAS Y5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.98, 5.98, 5.98); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DAS Y5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.474 mW/g

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

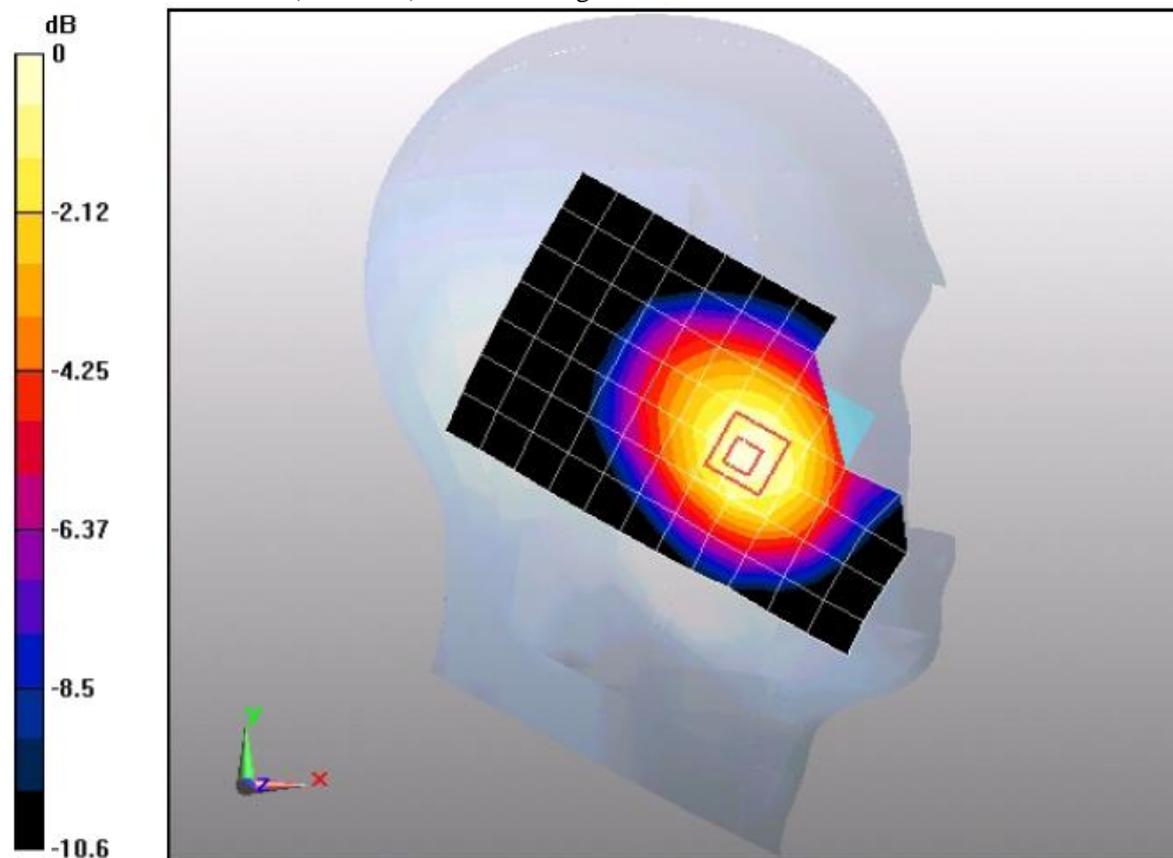
Reference Value = 7.24 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 0.572 W/kg

SAR(1 g) = 0.446 mW/g; SAR(10 g) = 0.325 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.469 mW/g



0 dB = 0.469mW/g

Additional information:

position or distance of DUT to SAM (if not standard head positions) :

ambient temperature: 22.0°C; liquid temperature: 21.6°C

P1528_OET65_EN62209- LeftHandSide touched –GSM850 Low

DUT: U6150-5; Type: Handset; Serial: 9UA4CB10C0800084

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 824.2 MHz

Medium parameters used: $f = 825$ MHz; $\sigma = 0.874$ mho/m; $\epsilon_r = 41.9$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DAS Y5 (IEEE/IEC/ANSI C63.19-2007)

DAS Y5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.98, 5.98, 5.98); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DAS Y5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.475 mW/g

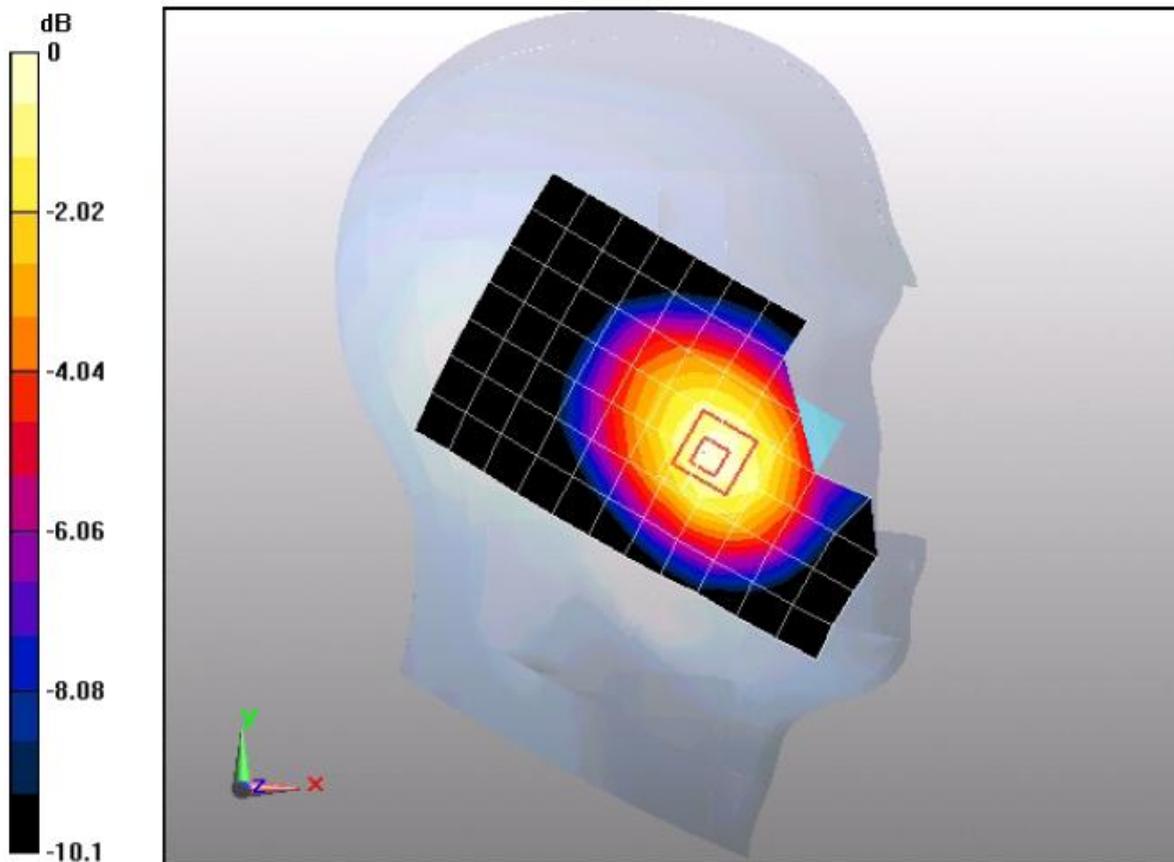
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.61 V/m; Power Drift = -0.094 dB

Peak SAR (extrapolated) = 0.584 W/kg

SAR(1 g) = 0.450 mW/g; SAR(10 g) = 0.330 mW/g

Maximum value of SAR (measured) = 0.480 mW/g



0 dB = 0.480mW/g

Additional information:

position or distance of DUT to SAM (if not standard head positions) :

ambient temperature: 22.0°C; liquid temperature: 21.6°C

Annex 2.4 GSM 850 MHz Body

Date/Time: 2/14/2011 10:16:16 AM, Date/Time: 2/14/2011 10:25:13 AM

P1528_OET65_EN62209- towards phantom- GSM850 GPRS 1TS Middle

DUT: U6150-5; Type: Handset; Serial: 9UA4CB10C0800084

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DAS Y5 (IEEE/IEC/ANSI C63.19-2007)

DAS Y5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.92, 5.92, 5.92); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DAS Y5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.461 mW/g

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

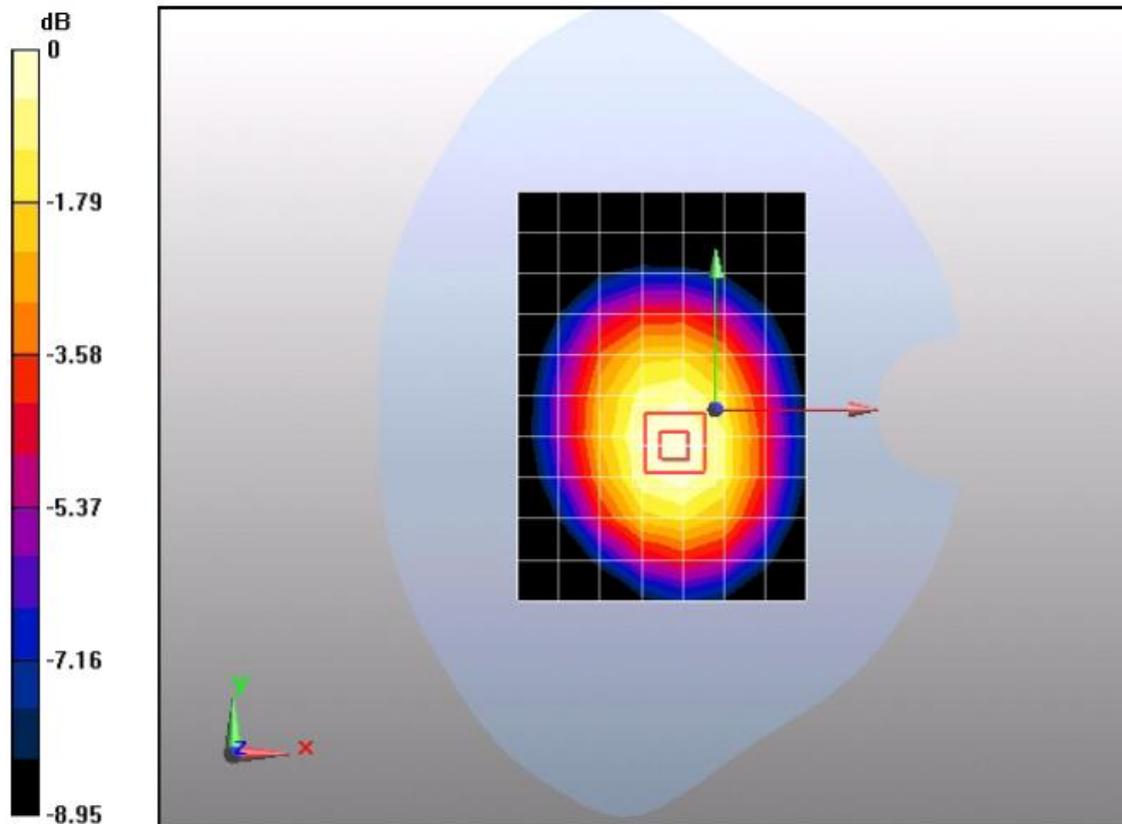
Reference Value = 21.4 V/m; Power Drift = -0.015 dB

Peak SAR (extrapolated) = 0.554 W/kg

SAR(1 g) = 0.439 mW/g; SAR(10 g) = 0.328 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)

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



0 dB = 0.463mW/g

Additional information:

position or distance of DUT to SAM (if not standard head positions) :15 mm

ambient temperature: 22.0°C; liquid temperature: 21.6°C

Date/Time: 2/14/2011 10:43:15 AM, Date/Time: 2/14/2011 10:52:13 AM

P1528_OET65_EN62209- towards ground- GSM850 GPRS 1TS Middle

DUT: U6150-5; Type: Handset; Serial: 9UA4CB10C0800084

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DAS Y5 (IEEE/IEC/ANSI C63.19-2007)

DAS Y5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.92, 5.92, 5.92); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DAS Y5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.583 mW/g

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

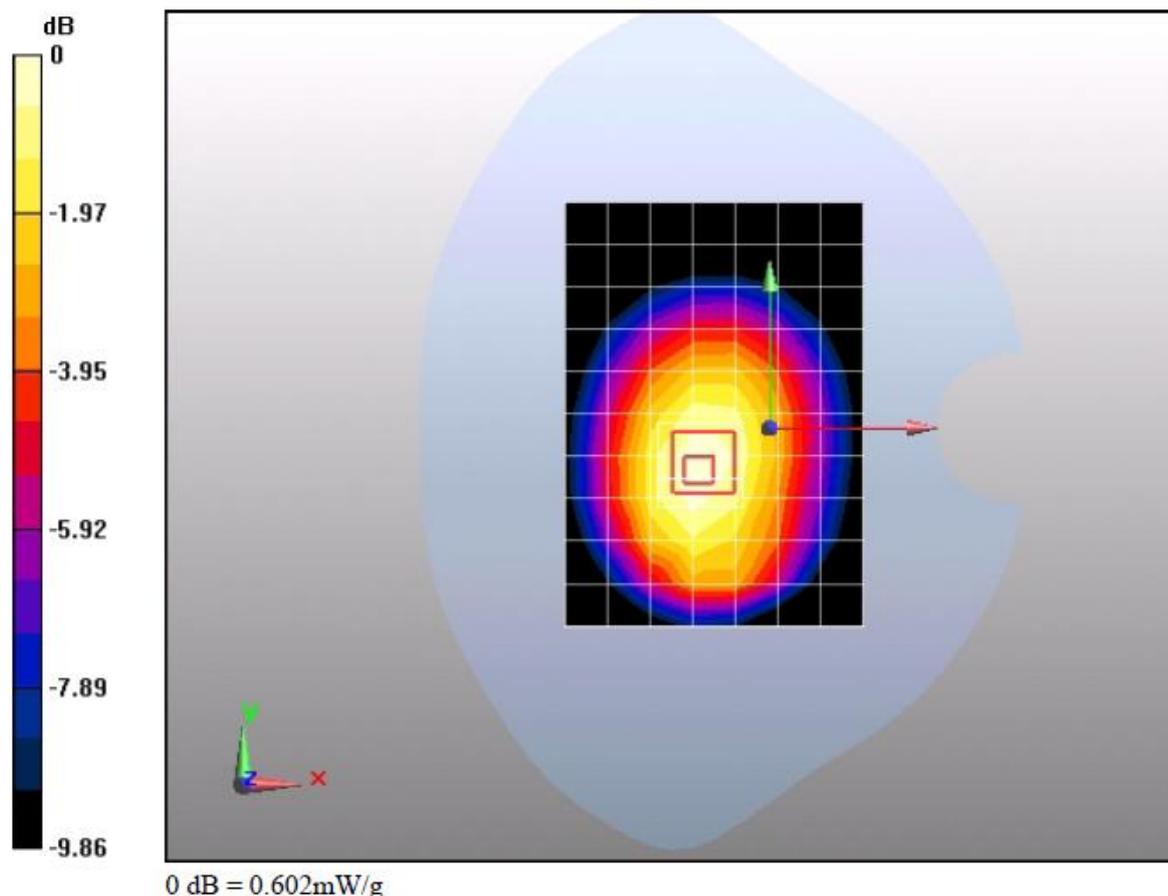
Reference Value = 23.8 V/m; Power Drift = 0.042 dB

Peak SAR (extrapolated) = 0.752 W/kg

SAR(1 g) = 0.568 mW/g; SAR(10 g) = 0.415 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.602 mW/g



Additional information:

position or distance of DUT to SAM (if not standard head positions) : 15 mm

ambient temperature: 22.0°C; liquid temperature: 21.6°C

Date/Time: 2/14/2011 11:08:10 AM, Date/Time: 2/14/2011 11:17:08 AM

P1528_OET65_EN62209- towards ground- GSM850 GPRS 2TS Middle

DUT: U6150-5; Type: Handset; Serial: 9UA4CB10C0800084

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 836.6 MHz

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DAS Y5 (IEEE/IEC/ANSI C63.19-2007)

DAS Y5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.92, 5.92, 5.92); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DAS Y5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Info: [Interpolated medium parameters used for SAR evaluation.](#)

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

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

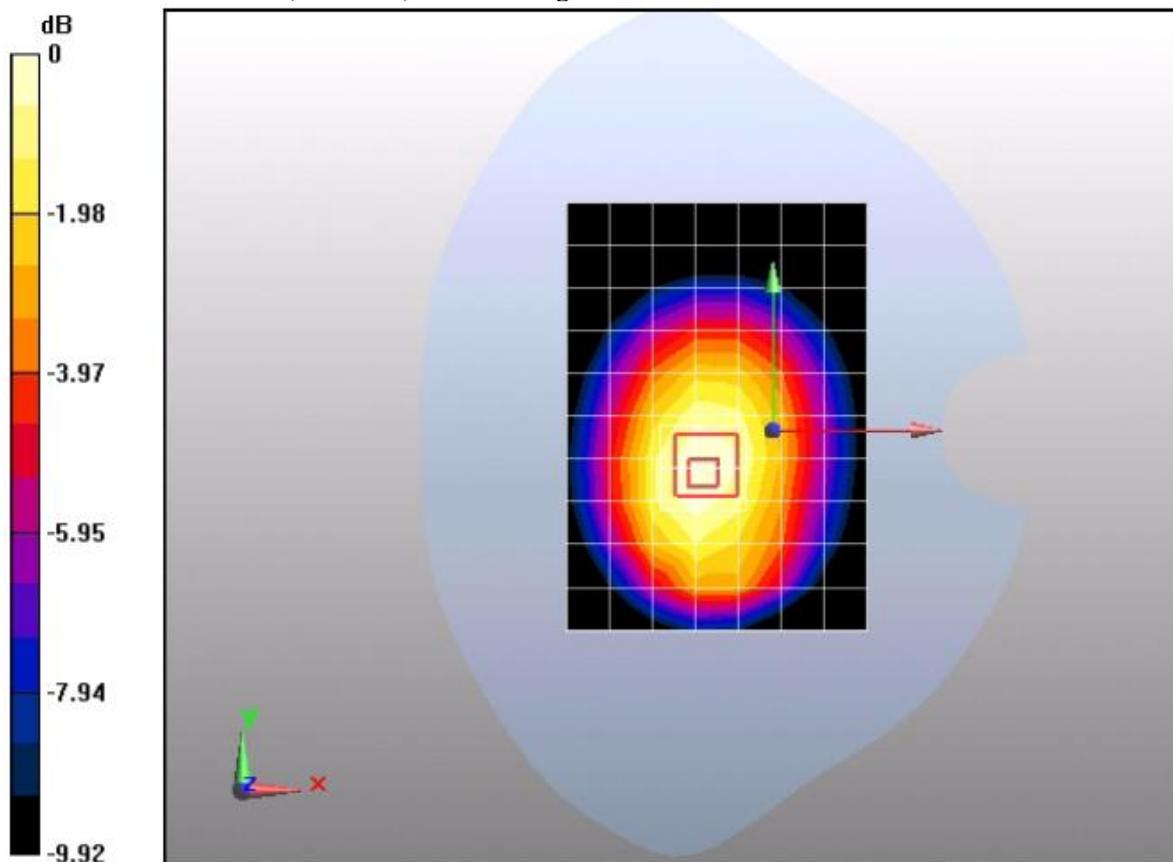
Reference Value = 33.3 V/m; Power Drift = -0.137 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.790 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.15 mW/g



0 dB = 1.15mW/g

Additional information:

position or distance of DUT to SAM (if not standard head positions) :15 mm

ambient temperature: 22.0°C; liquid temperature: 21.6°C

Date/Time: 2/14/2011 11:33:27 AM, Date/Time: 2/14/2011 11:42:25 AM

P1528_OET65_EN62209- towards ground- GSM850 GPRS 2TS High

DUT: U6150-5; Type: Handset; Serial: 9UA4CB10C0800084

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 848.8 MHz

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.994$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DAS Y5 (IEEE/IEC/ANSI C63.19-2007)

DAS Y5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.92, 5.92, 5.92); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DAS Y5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.998 mW/g

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

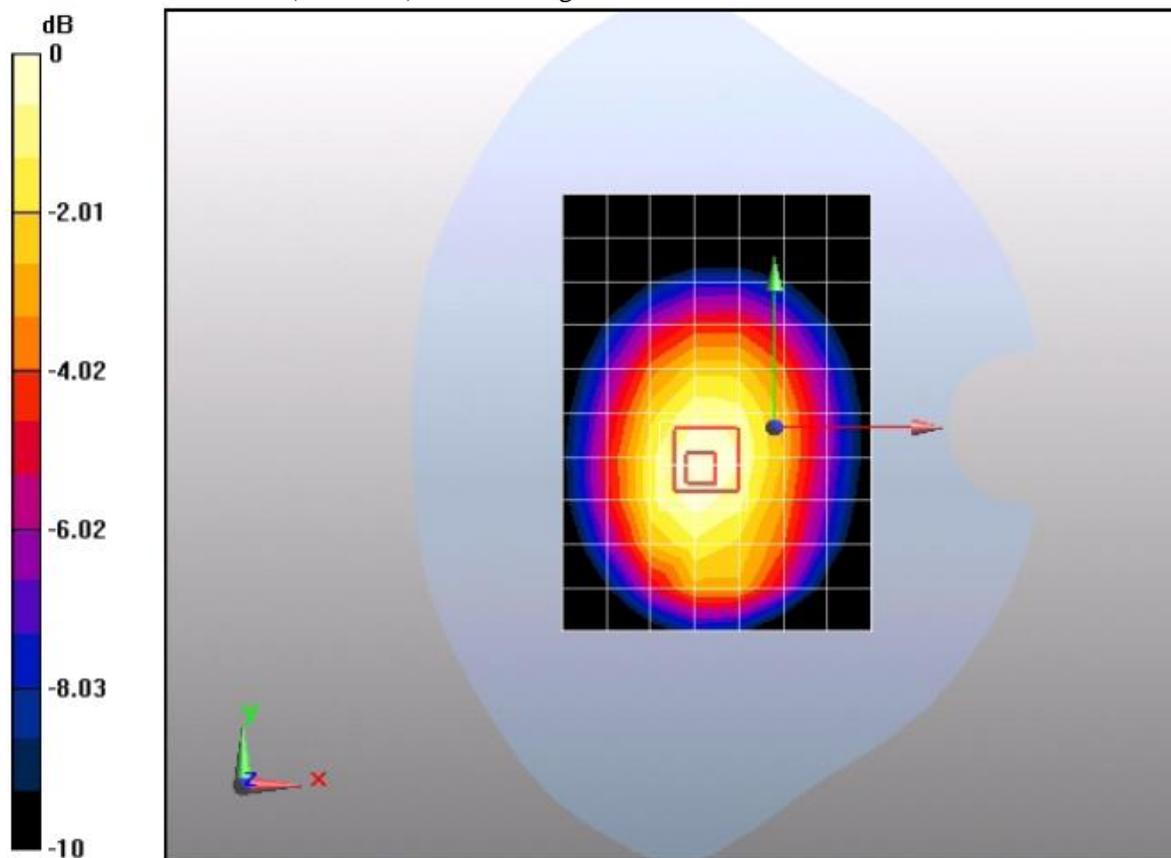
Reference Value = 30.4 V/m; Power Drift = 0.114 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.957 mW/g; SAR(10 g) = 0.694 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.01 mW/g



0 dB = 1.01mW/g

Additional information:

position or distance of DUT to SAM (if not standard head positions) :15 mm

ambient temperature: 22.0°C; liquid temperature: 21.6°C

P1528_OET65_EN62209- towards ground- GSM850 GPRS 2TS Low

DUT: U6150-5; Type: Handset; Serial: 9UA4CB10C0800084

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 824.2 MHz

Medium parameters used: $f = 825$ MHz; $\sigma = 0.961$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DAS Y5 (IEEE/IEC/ANSI C63.19-2007)

DAS Y5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.92, 5.92, 5.92); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DAS Y5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

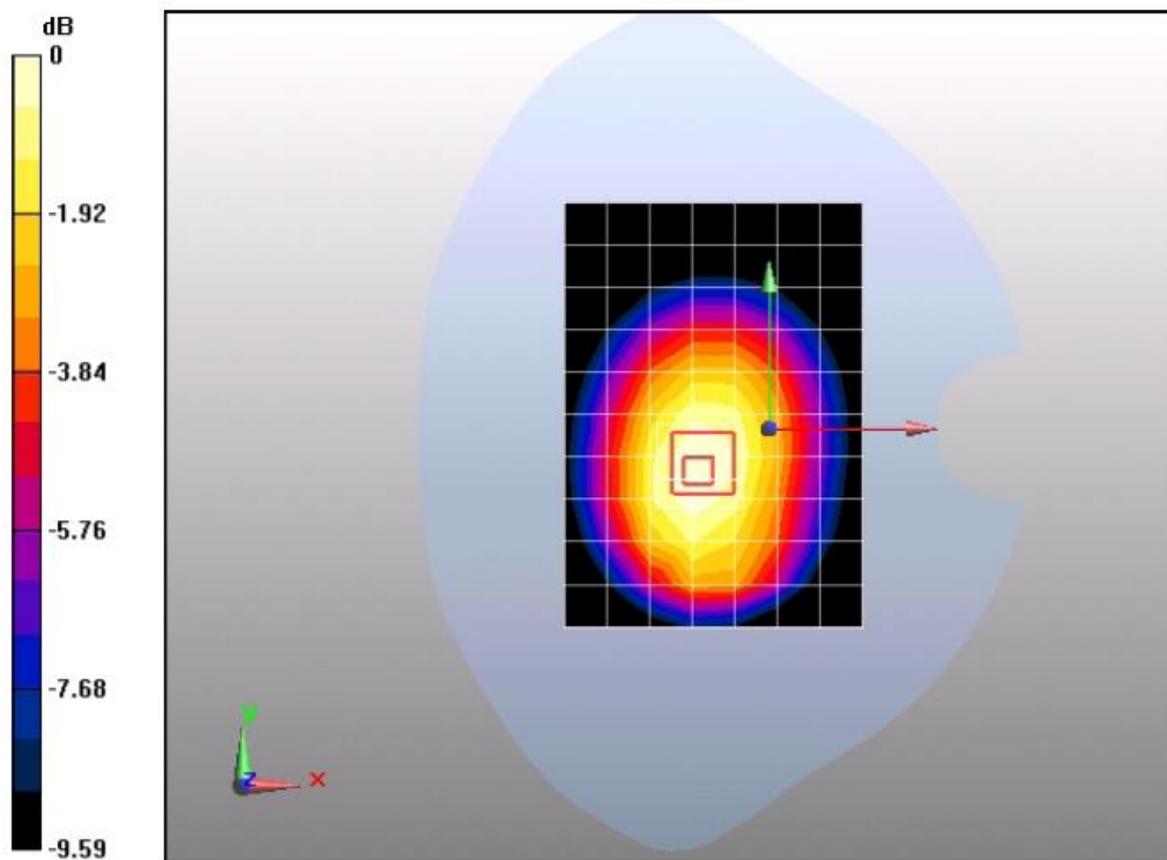
Maximum value of SAR (measured) = 1.17 mW/g

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

Reference Value = 33.9 V/m; Power Drift = -0.105 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.809 mW/g



0 dB = 1.17mW/g

Additional information:

position or distance of DUT to SAM (if not standard head positions) : 15 mm

ambient temperature: 22.0°C; liquid temperature: 21.6°C

P1528_OET65_EN62209- towards ground- GSM850 EGPRS 1TS Middle

DUT: U6150-5; Type: Handset; Serial: 9UA4CB10C0800084

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DAS Y5 (IEEE/IEC/ANSI C63.19-2007)

DAS Y5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.92, 5.92, 5.92); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DAS Y5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.575 mW/g

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

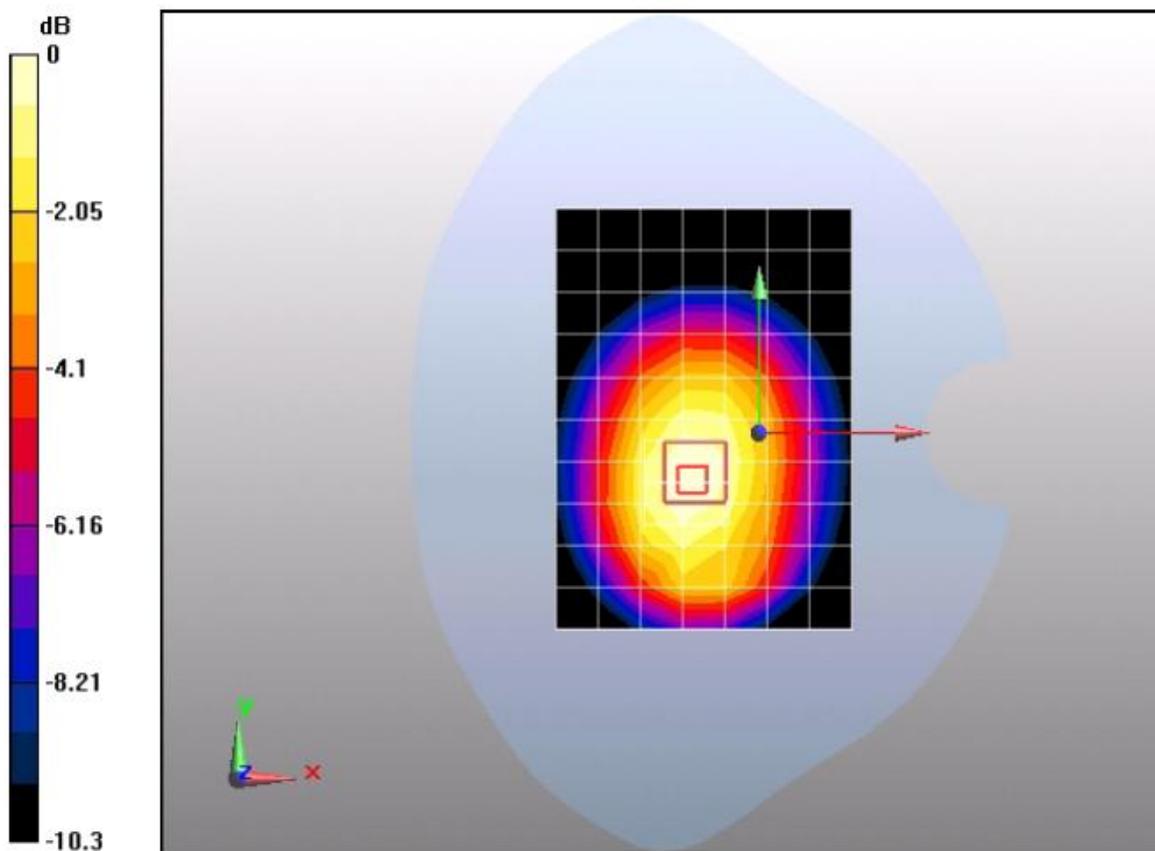
Reference Value = 23.4 V/m; Power Drift = -0.049 dB

Peak SAR (extrapolated) = 0.728 W/kg

SAR(1 g) = 0.557 mW/g; SAR(10 g) = 0.406 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.591 mW/g



0 dB = 0.591mW/g

Additional information:

position or distance of DUT to SAM (if not standard head positions) : 15 mm

ambient temperature: 22.0°C; liquid temperature: 21.6°C

Date/Time: 2/14/2011 3:14:44 PM, Date/Time: 2/14/2011 3:23:36 PM

P1528_OET65_EN62209- towards ground- GSM850 EGPRS 2TS Middle

DUT: U6150-5; Type: Handset; Serial: 9UA4CB10C0800084

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 836.6 MHz

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DAS Y5 (IEEE/IEC/ANSI C63.19-2007)

DAS Y5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.92, 5.92, 5.92); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DAS Y5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.1 mW/g

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

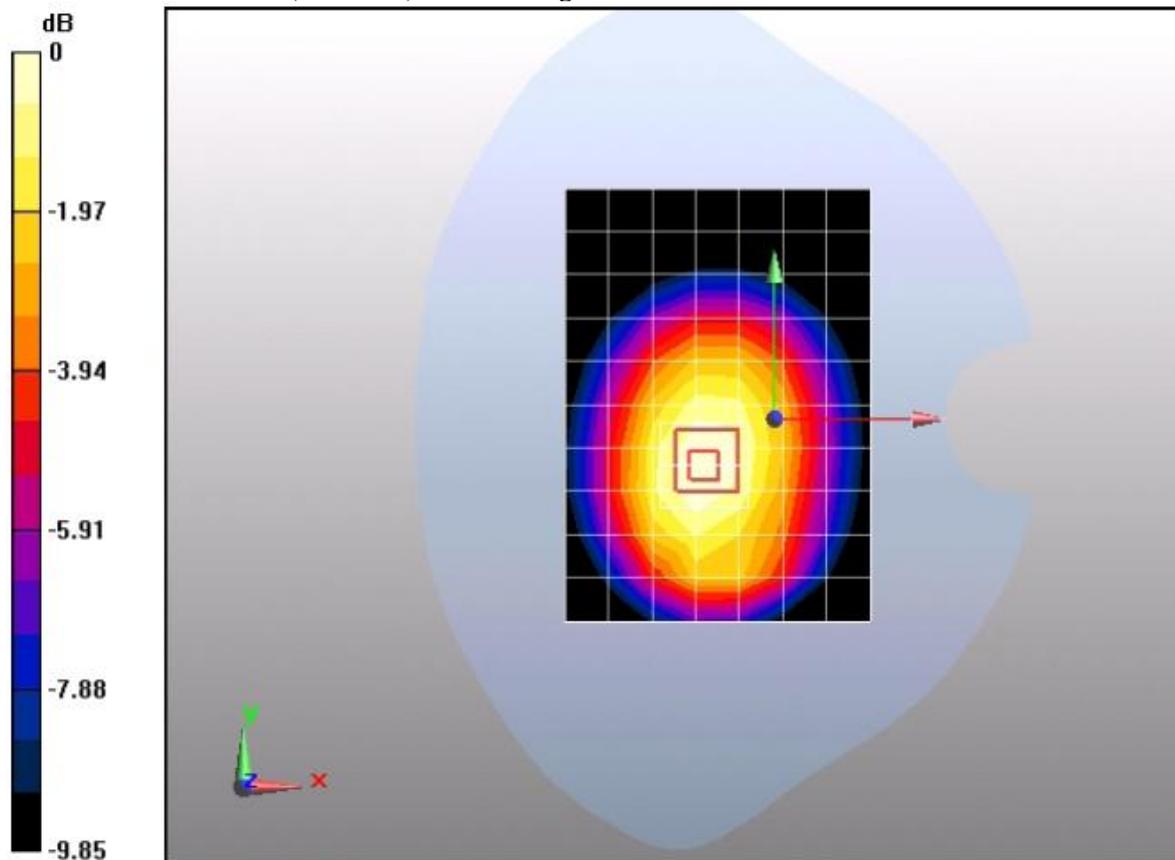
Reference Value = 32.4 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.778 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.12 mW/g



0 dB = 1.12mW/g

Additional information:

position or distance of DUT to SAM (if not standard head positions) :15 mm

ambient temperature: 22.0°C; liquid temperature: 21.6°C

Date/Time: 2/15/2011 12:36:06 AM, Date/Time: 2/15/2011 12:45:01 AM

**P1528_OET65_EN62209- towards ground- GSM850 EGPRS 2TS High
DUT: HUAWEI U6150-5/U6150-5**

DUT: U6150-5; Type: Handset; Serial: 9UA4CB10C0800084

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 848.8 MHz

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.994$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DAS Y5 (IEEE/IEC/ANSI C63.19-2007)

DAS Y5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.92, 5.92, 5.92); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DAS Y5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.02 mW/g

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

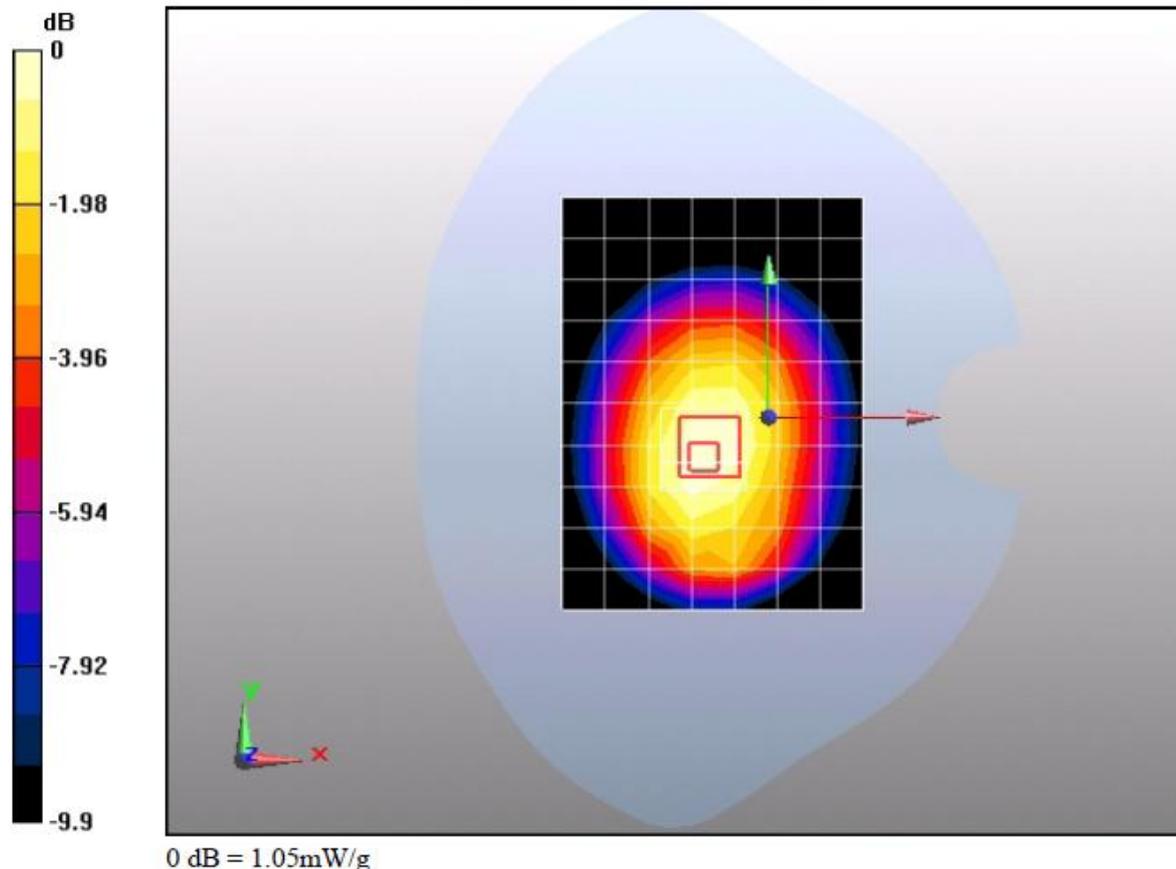
Reference Value = 31.7 V/m; Power Drift = -0.033 dB

Peak SAR (extrapolated) = 1.3 W/kg

SAR(1 g) = 0.993 mW/g; SAR(10 g) = 0.723 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.05 mW/g



0 dB = 1.05mW/g

Additional information:

position or distance of DUT to SAM (if not standard head positions) :15 mm

ambient temperature: 22.0°C; liquid temperature: 21.6°C

Date/Time: 2/14/2011 4:17:15 PM, Date/Time: 2/14/2011 4:26:07 PM

P1528_OET65_EN62209- towards ground- GSM850 EGPRS 2TS Low

DUT: U6150-5; Type: Handset; Serial: 9UA4CB10C0800084

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 824.2 MHz

Medium parameters used: $f = 825$ MHz; $\sigma = 0.961$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DAS Y5 (IEEE/IEC/ANSI C63.19-2007)

DAS Y5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.92, 5.92, 5.92); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DAS Y5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.18 mW/g

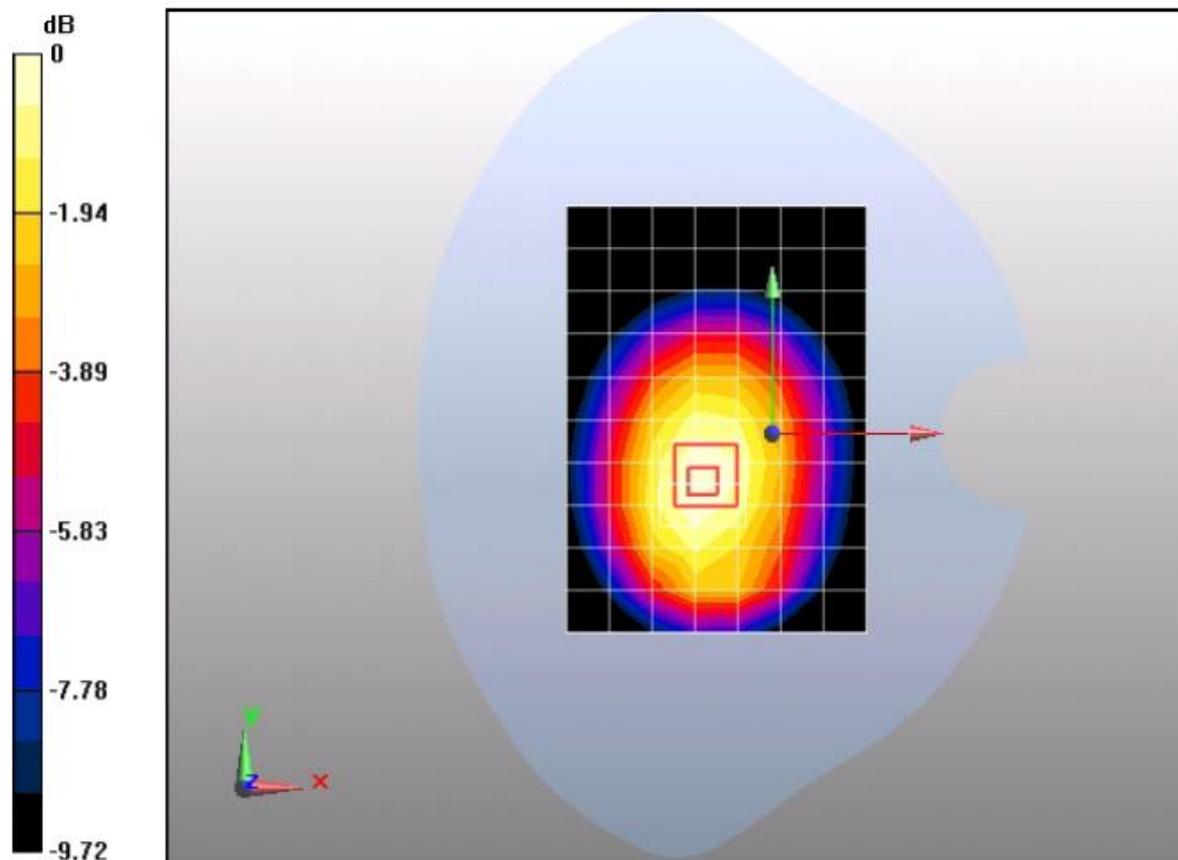
Configuration/body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 34 V/m; Power Drift = -0.171 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.842 mW/g

Maximum value of SAR (measured) = 1.22 mW/g



0 dB = 1.22mW/g

Additional information:

position or distance of DUT to SAM (if not standard head positions) : 15 mm

ambient temperature: 22.0°C; liquid temperature: 21.6°C

P1528_OET65_EN62209- towards ground- GSM850 with Headset Low

DUT: U6150-5; Type: Handset; Serial: 9UA4CB10C0800084

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 824.2 MHz

Medium parameters used: $f = 825$ MHz; $\sigma = 0.961$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DAS Y5 (IEEE/IEC/ANSI C63.19-2007)

DAS Y5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.92, 5.92, 5.92); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DAS Y5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

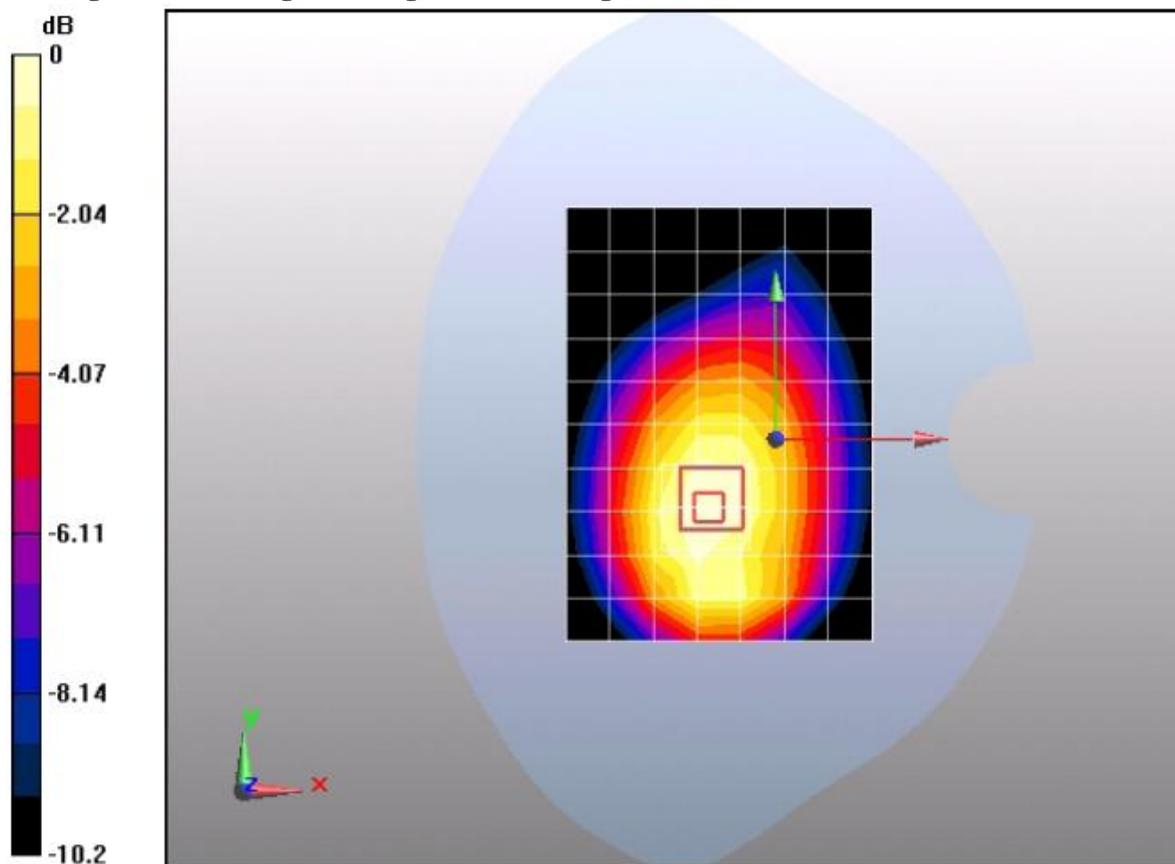
Maximum value of SAR (measured) = 0.354 mW/g

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

Reference Value = 17.3 V/m; Power Drift = 0.043 dB

Peak SAR (extrapolated) = 0.443 W/kg

SAR(1 g) = 0.336 mW/g; SAR(10 g) = 0.243 mW/g



0 dB = 0.354mW/g

Additional information:

position or distance of DUT to SAM (if not standard head positions) : 15 mm

ambient temperature: 22.0°C; liquid temperature: 21.6°C

Date/Time: 2/15/2011 12:08:20 AM, Date/Time: 2/15/2011 12:17:19 AM

P1528_OET65_EN62209- towards ground- GSM850 with Bluetooth Headset Low

DUT: U6150-5; Type: Handset; Serial: 9UA4CB10C0800084

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 824.2 MHz

Medium parameters used: $f = 825$ MHz; $\sigma = 0.961$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DAS Y5 (IEEE/IEC/ANSI C63.19-2007)

DAS Y5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.92, 5.92, 5.92); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DAS Y5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.685 mW/g

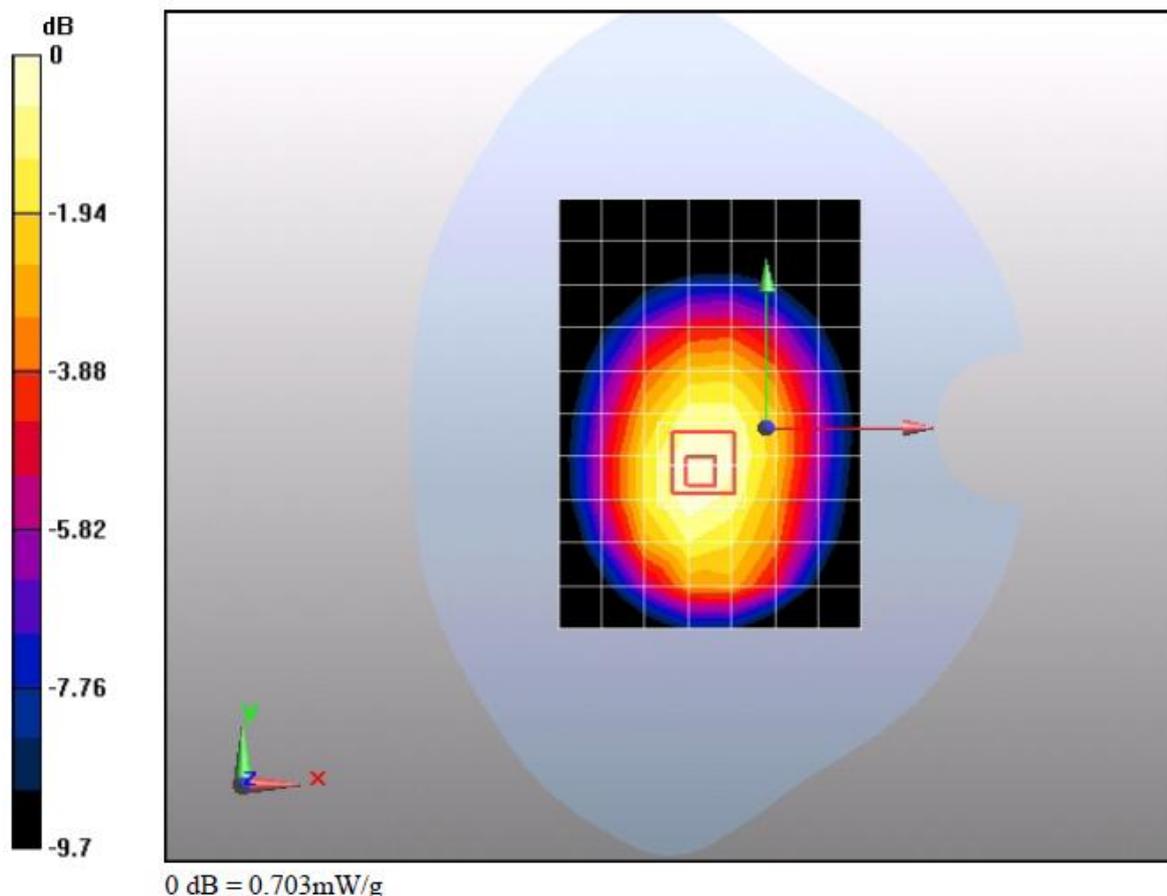
Configuration/body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.3 V/m; Power Drift = -0.077 dB

Peak SAR (extrapolated) = 0.854 W/kg

SAR(1 g) = 0.662 mW/g; SAR(10 g) = 0.483 mW/g

Maximum value of SAR (measured) = 0.703 mW/g



Additional information:

position or distance of DUT to SAM (if not standard head positions) : 15 mm

ambient temperature: 22.0°C; liquid temperature: 21.6°C

Annex 2.5 WCDMA 1900 MHz Head

Date/Time: 2/13/2011 1:58:24 AM, Date/Time: 2/13/2011 2:07:21 AM

P1528_OET65_EN62209- LeftHandSide touched -WCDMA1900 Middle

DUT: U6150-5; Type: Handset; Serial: 9UA4CB10C0800084

Communication System: HW -UMTS-FDD; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DAS Y5 (IEEE/IEC/ANSI C63.19-2007)

DAS Y5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.97, 4.97, 4.97); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DAS Y5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.636 mW/g

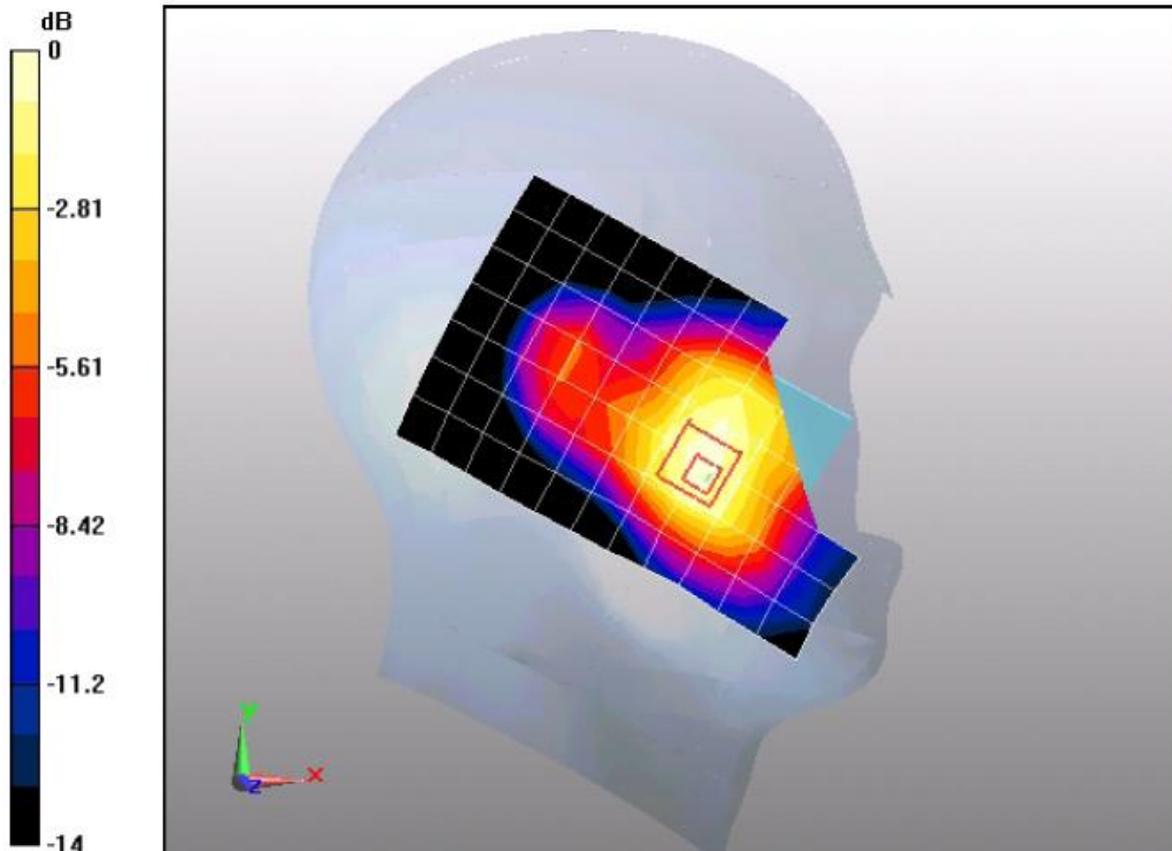
Configuration/head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.2 V/m; Power Drift = -0.069 dB

Peak SAR (extrapolated) = 0.895 W/kg

SAR(1 g) = 0.605 mW/g; SAR(10 g) = 0.376 mW/g

Maximum value of SAR (measured) = 0.651 mW/g



0 dB = 0.651mW/g

Additional information:

position or distance of DUT to SAM (if not standard head positions) :

ambient temperature: 22.2°C; liquid temperature: 21.7°C

P1528_OET65_EN62209- LeftHandSide tilted 15° -WCDMA1900 Middle

DUT: U6150-5; Type: Handset; Serial: 9UA4CB10C0800084

Communication System: HW -UMTS-FDD; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DAS Y5 (IEEE/IEC/ANSI C63.19-2007)

DAS Y5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.97, 4.97, 4.97); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DAS Y5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.247 mW/g

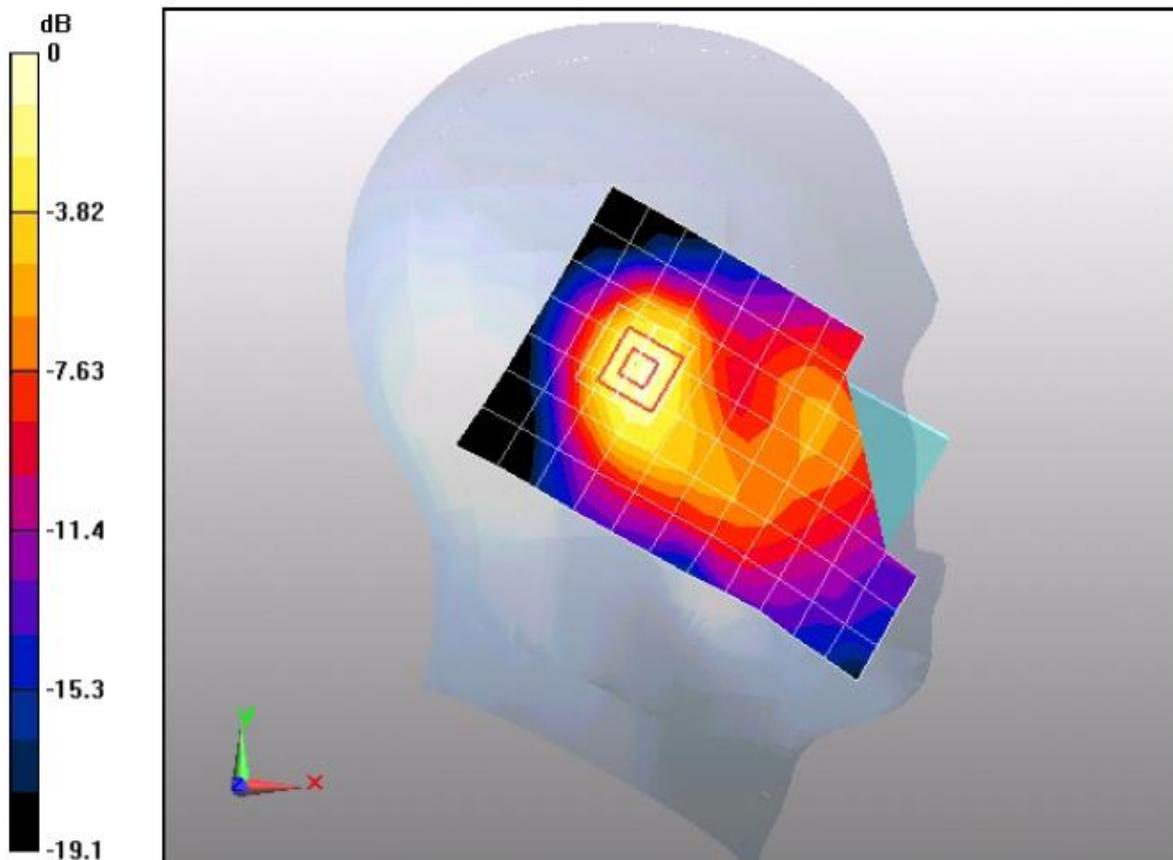
Configuration/head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.6 V/m; Power Drift = -0.039 dB

Peak SAR (extrapolated) = 0.462 W/kg

SAR(1 g) = 0.279 mW/g; SAR(10 g) = 0.156 mW/g

Maximum value of SAR (measured) = 0.308 mW/g



0 dB = 0.308mW/g

Additional information:

position or distance of DUT to SAM (if not standard head positions) :

ambient temperature: 22.2°C; liquid temperature: 21.7°C

P1528_OET65_EN62209- RightHandSide touched -WCDMA1900 Middle

DUT: U6150-5; Type: Handset; Serial: 9UA4CB10C0800084

Communication System: HW -UMTS-FDD; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DAS Y5 (IEEE/IEC/ANSI C63.19-2007)

DAS Y5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.97, 4.97, 4.97); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DAS Y5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.720 mW/g

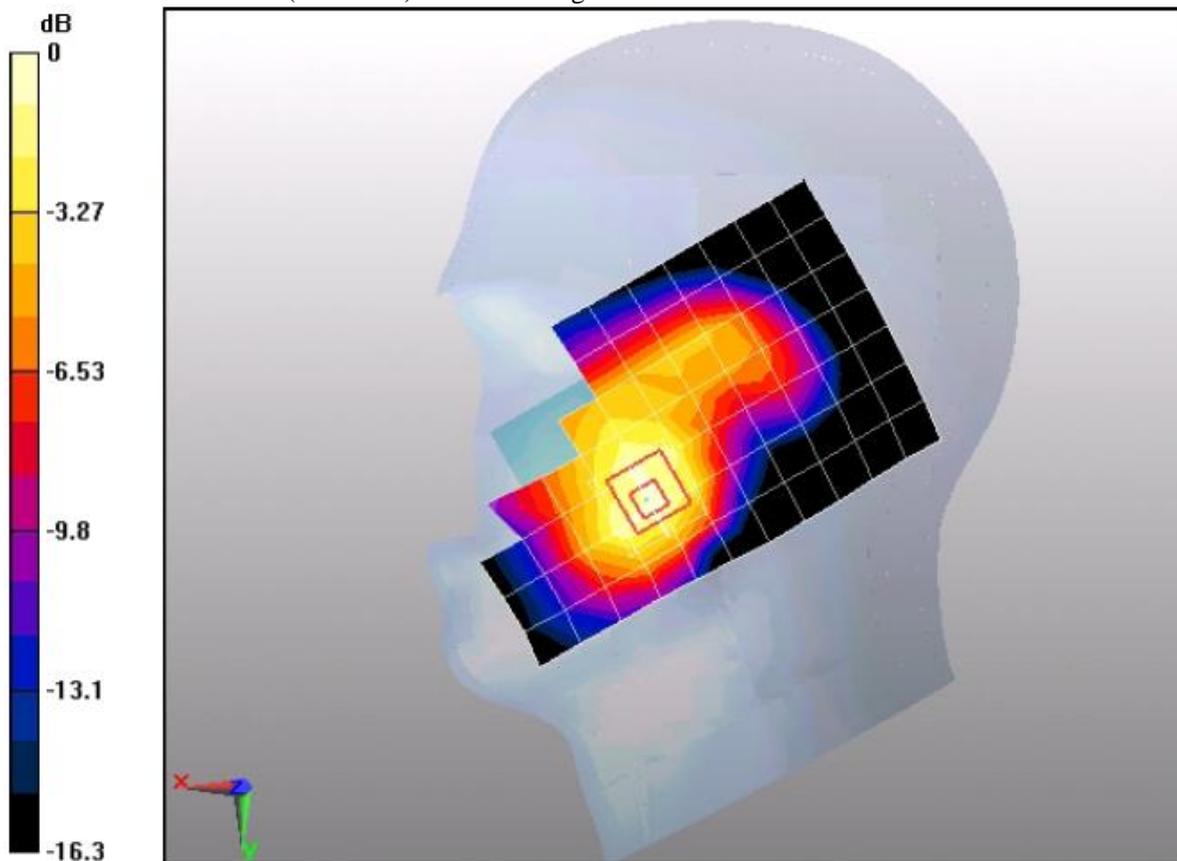
Configuration/head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.1 V/m; Power Drift = -0.065 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.710 mW/g; SAR(10 g) = 0.432 mW/g

Maximum value of SAR (measured) = 0.777 mW/g



0 dB = 0.777mW/g

Additional information:

position or distance of DUT to SAM (if not standard head positions) :

ambient temperature: 22.2°C; liquid temperature: 21.7°C

P1528_OET65_EN62209- RightHandSide tilted 15° -WCDMA1900 Middle

DUT: U6150-5; Type: Handset; Serial: 9UA4CB10C0800084

Communication System: HW -UMTS-FDD; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DAS Y5 (IEEE/IEC/ANSI C63.19-2007)

DAS Y5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.97, 4.97, 4.97); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DAS Y5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.312 mW/g

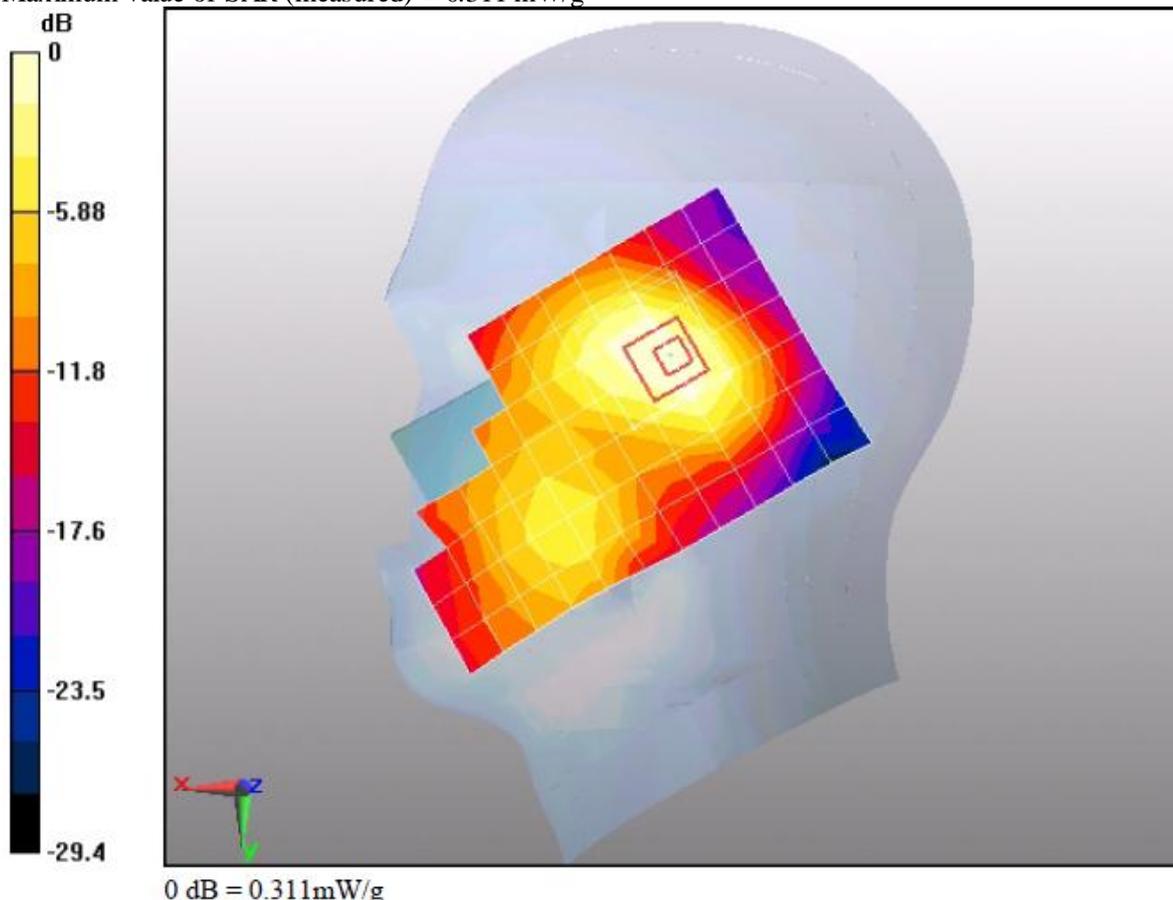
Configuration/head/Zoom Scan (6x6x6)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=8mm

Reference Value = 13.4 V/m; Power Drift = 0.031 dB

Peak SAR (extrapolated) = 0.463 W/kg

SAR(1 g) = 0.290 mW/g; SAR(10 g) = 0.175 mW/g

Maximum value of SAR (measured) = 0.311 mW/g



Additional information:

position or distance of DUT to SAM (if not standard head positions) :

ambient temperature: 22.2°C; liquid temperature: 21.7°C

P1528_OET65_EN62209- RightHandSide touched -WCDMA1900 High

DUT: U6150-5; Type: Handset; Serial: 9UA4CB10C0800084

Communication System: HW -UMTS-FDD; Frequency: 1907.6 MHz

Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DAS Y5 (IEEE/IEC/ANSI C63.19-2007)

DAS Y5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.97, 4.97, 4.97); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DAS Y5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.663 mW/g

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

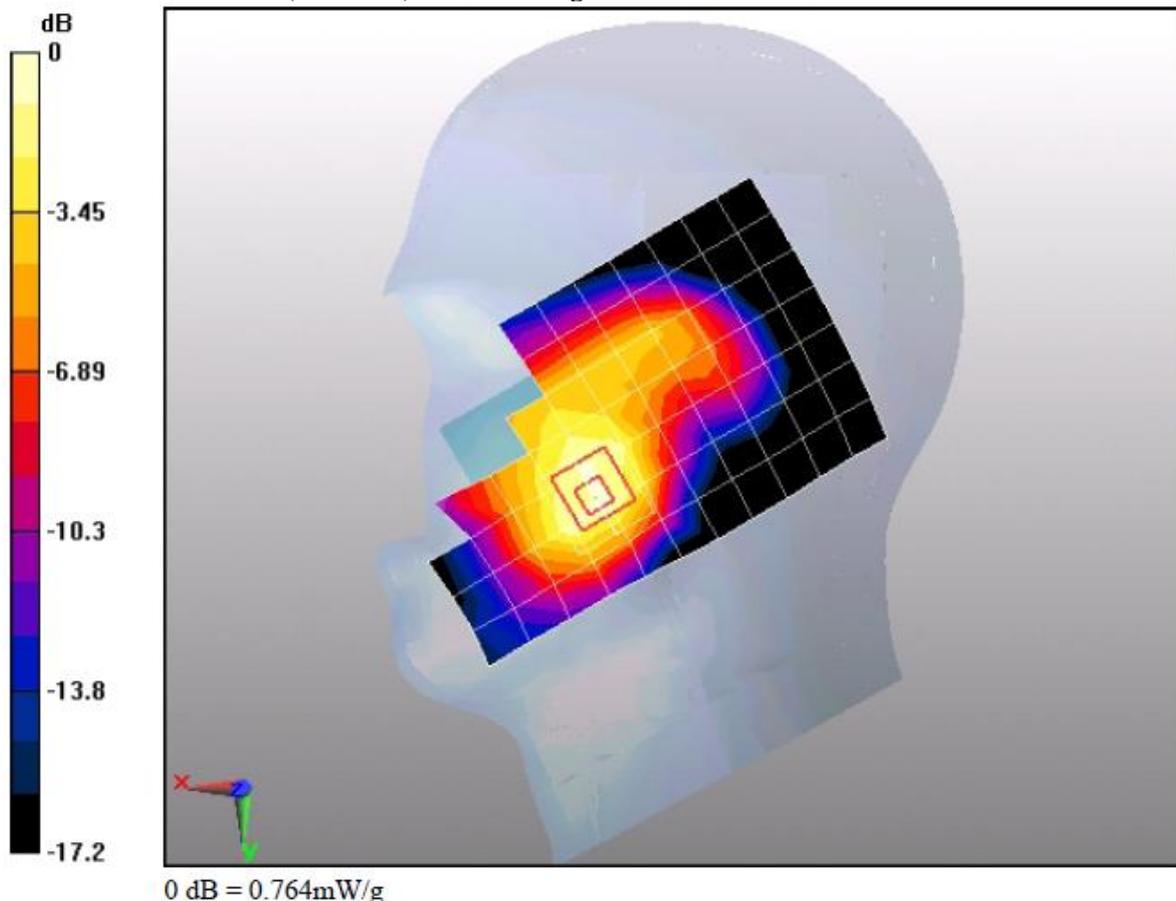
Reference Value = 9.13 V/m; Power Drift = 0.156 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.700 mW/g; SAR(10 g) = 0.422 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)

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



Additional information:

position or distance of DUT to SAM (if not standard head positions) :

ambient temperature: 22.2°C; liquid temperature: 21.7°C

**P1528_OET65_EN62209- RightHandSide touched -WCDMA1900 Low
DUT: HUAWEI U6150-5/U6150-5**

DUT: U6150-5; Type: Handset; Serial: 9UA4CB10C0800084

Communication System: HW -UMTS-FDD; Frequency: 1852.4 MHz

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DAS Y5 (IEEE/IEC/ANSI C63.19-2007)

DAS Y5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.97, 4.97, 4.97); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DAS Y5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.762 mW/g

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

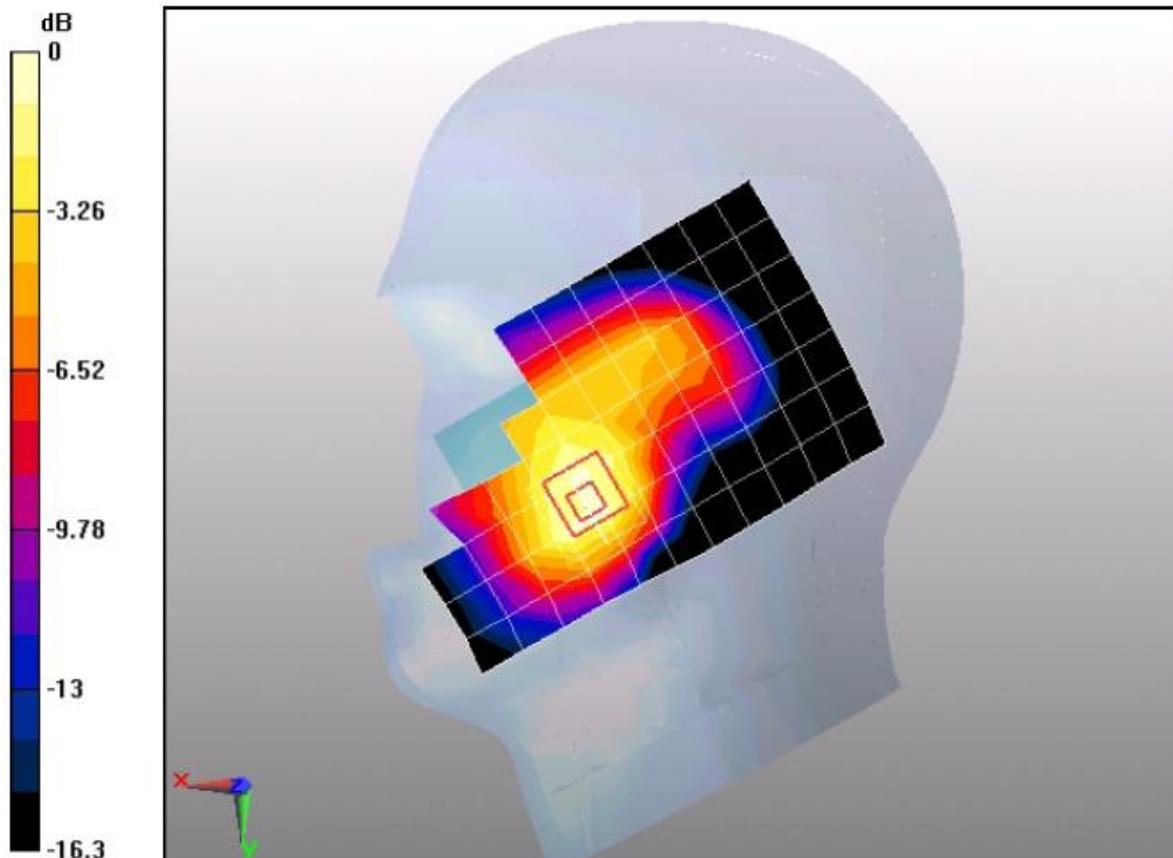
Reference Value = 9.67 V/m; Power Drift = -0.038 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.804 mW/g; SAR(10 g) = 0.486 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.887 mW/g



0 dB = 0.887mW/g

Additional information:

position or distance of DUT to SAM (if not standard head positions) :

ambient temperature: 22.2°C; liquid temperature: 21.7°C

Annex 2.6 WCDMA 1900 MHz Body

Date/Time: 2/15/2011 4:55:01 PM, Date/Time: 2/15/2011 5:03:54 PM

**P1528_OET65_EN62209- towards phantom- WCDMA1900 Middle
DUT: HUAWEI U6150-5/U6150-5**

DUT: U6150-5; Type: Handset; Serial: 9UA4CB10C0800084

Communication System: HW -UMTS-FDD; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DAS Y5 (IEEE/IEC/ANSI C63.19-2007)

DAS Y5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.61, 4.61, 4.61); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DAS Y5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.458 mW/g

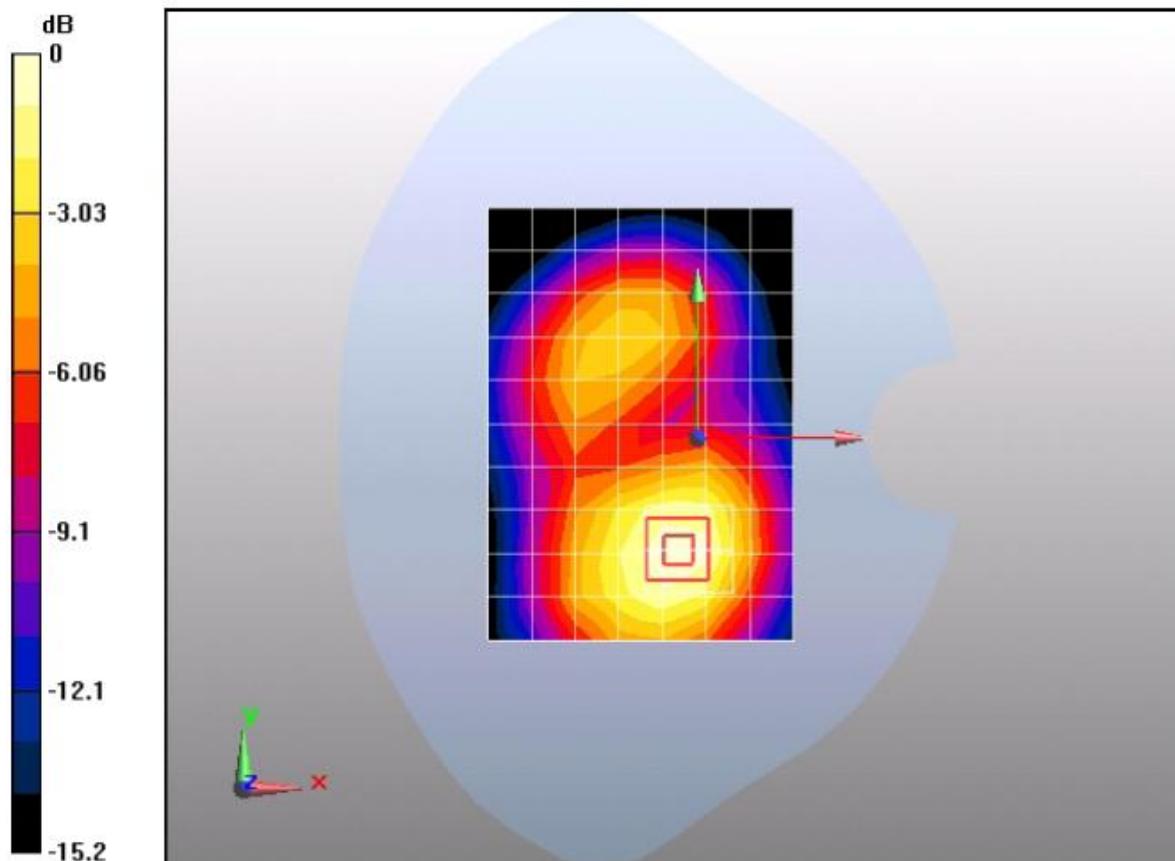
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.53 V/m; Power Drift = -0.033 dB

Peak SAR (extrapolated) = 0.724 W/kg

SAR(1 g) = 0.454 mW/g; SAR(10 g) = 0.276 mW/g

Maximum value of SAR (measured) = 0.491 mW/g



0 dB = 0.491mW/g

Additional information:

position or distance of DUT to SAM (if not standard head positions) : 15 mm

ambient temperature: 22.3°C; liquid temperature: 21.6°C

P1528_OET65_EN62209- towards ground- WCDMA1900 Middle

DUT: U6150-5; Type: Handset; Serial: 9UA4CB10C0800084

Communication System: HW -UMTS-FDD; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DAS Y5 (IEEE/IEC/ANSI C63.19-2007)

DAS Y5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.61, 4.61, 4.61); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DAS Y5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.539 mW/g

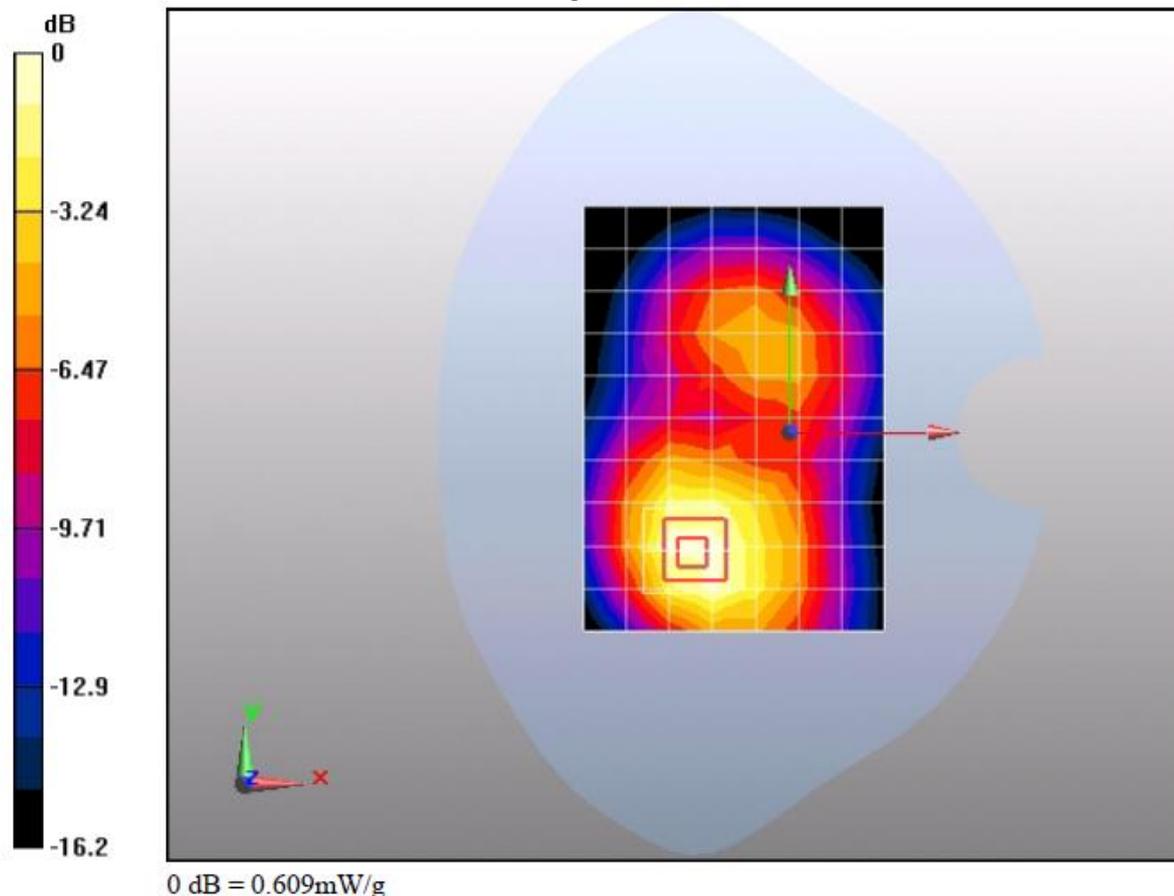
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.54 V/m; Power Drift = 0.106 dB

Peak SAR (extrapolated) = 0.912 W/kg

SAR(1 g) = 0.562 mW/g; SAR(10 g) = 0.338 mW/g

Maximum value of SAR (measured) = 0.609 mW/g



Additional information:

position or distance of DUT to SAM (if not standard head positions) : 15 mm

ambient temperature: 22.3°C; liquid temperature: 21.6°C

P1528_OET65_EN62209- towards ground- WCDMA1900 High

DUT: U6150-5; Type: Handset; Serial: 9UA4CB10C0800084

Communication System: HW -UMTS-FDD; Frequency: 1907.6 MHz

Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DAS Y5 (IEEE/IEC/ANSI C63.19-2007)

DAS Y5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.61, 4.61, 4.61); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DAS Y5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.563 mW/g

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

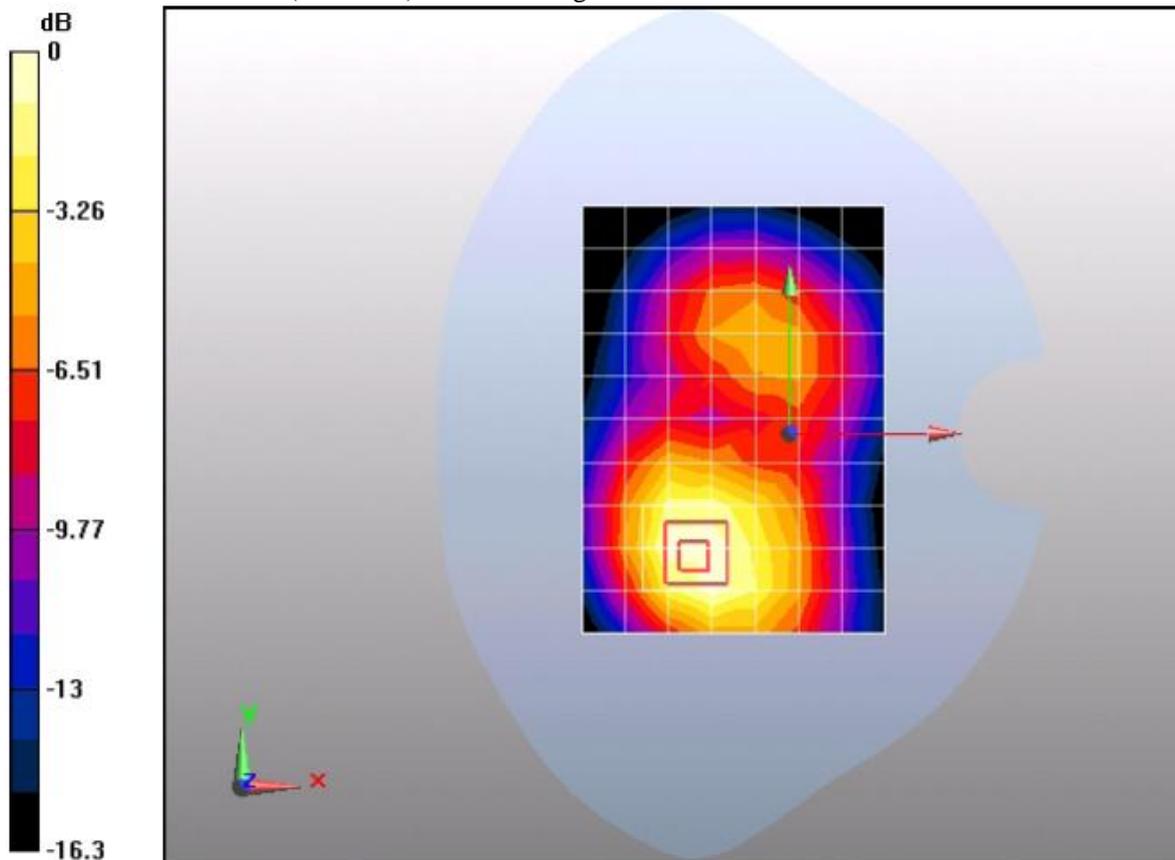
Reference Value = 7.26 V/m; Power Drift = 0.049 dB

Peak SAR (extrapolated) = 0.944 W/kg

SAR(1 g) = 0.573 mW/g; SAR(10 g) = 0.346 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.614 mW/g



0 dB = 0.614mW/g

Additional information:

position or distance of DUT to SAM (if not standard head positions) : 15 mm

ambient temperature: 22.3°C; liquid temperature: 21.6°C

P1528_OET65_EN62209- towards ground- WCDMA1900 Low

DUT: U6150-5; Type: Handset; Serial: 9UA4CB10C0800084
 Communication System: HW -UMTS-FDD; Frequency: 1852.4 MHz
 Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DAS Y5 (IEEE/IEC/ANSI C63.19-2007)

DAS Y5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.61, 4.61, 4.61); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DAS Y5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.578 mW/g

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

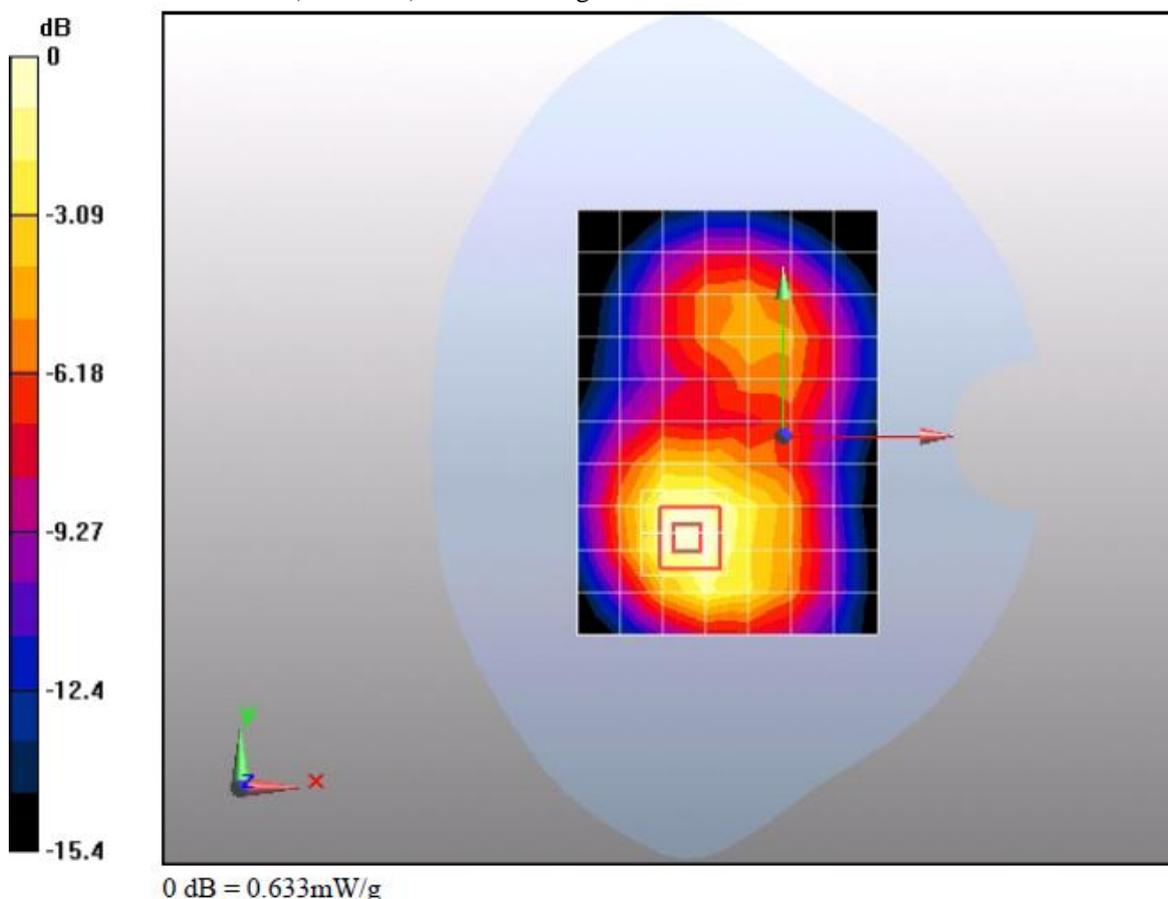
Reference Value = 9.1 V/m; Power Drift = -0.172 dB

Peak SAR (extrapolated) = 0.947 W/kg

SAR(1 g) = 0.585 mW/g; SAR(10 g) = 0.352 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.633 mW/g



Additional information:

position or distance of DUT to SAM (if not standard head positions) : 15 mm

ambient temperature: 22.3°C; liquid temperature: 21.6°C

P1528_OET65_EN62209- towards ground with Headset – WCDMA1900 Low

DUT: U6150-5; Type: Handset; Serial: 9UA4CB10C0800084

Communication System: HW -UMTS-FDD; Frequency: 1852.4 MHz

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DAS Y5 (IEEE/IEC/ANSI C63.19-2007)

DAS Y5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.61, 4.61, 4.61); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DAS Y5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.558 mW/g

Configuration/Body/Zoom Scan (6x6x6)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=8mm

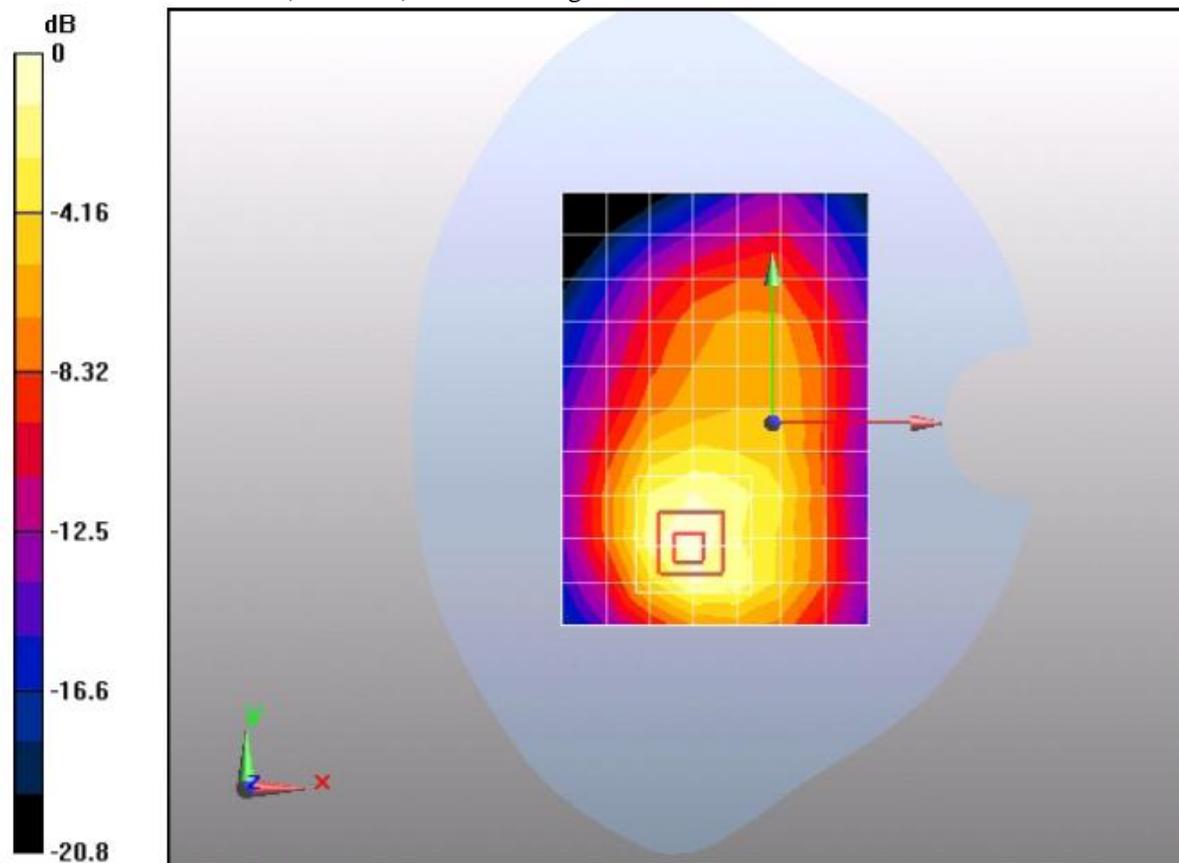
Reference Value = 10.8 V/m; Power Drift = 0.055 dB

Peak SAR (extrapolated) = 0.865 W/kg

SAR(1 g) = 0.531 mW/g; SAR(10 g) = 0.316 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.579 mW/g



0 dB = 0.579mW/g

Additional information:

position or distance of DUT to SAM (if not standard head positions) : 15 mm

ambient temperature: 22.3°C; liquid temperature: 21.6°C

P1528_OET65_EN62209- towards ground with Bluetooth Headset – WCDMA1900 Low

DUT: U6150-5; Type: Handset; Serial: 9UA4CB10C0800084

Communication System: HW -UMTS-FDD; Frequency: 1852.4 MHz

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DAS Y5 (IEEE/IEC/ANSI C63.19-2007)

DAS Y5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.61, 4.61, 4.61); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DAS Y5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.661 mW/g

Configuration/Body/Zoom Scan (6x6x6)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=8mm

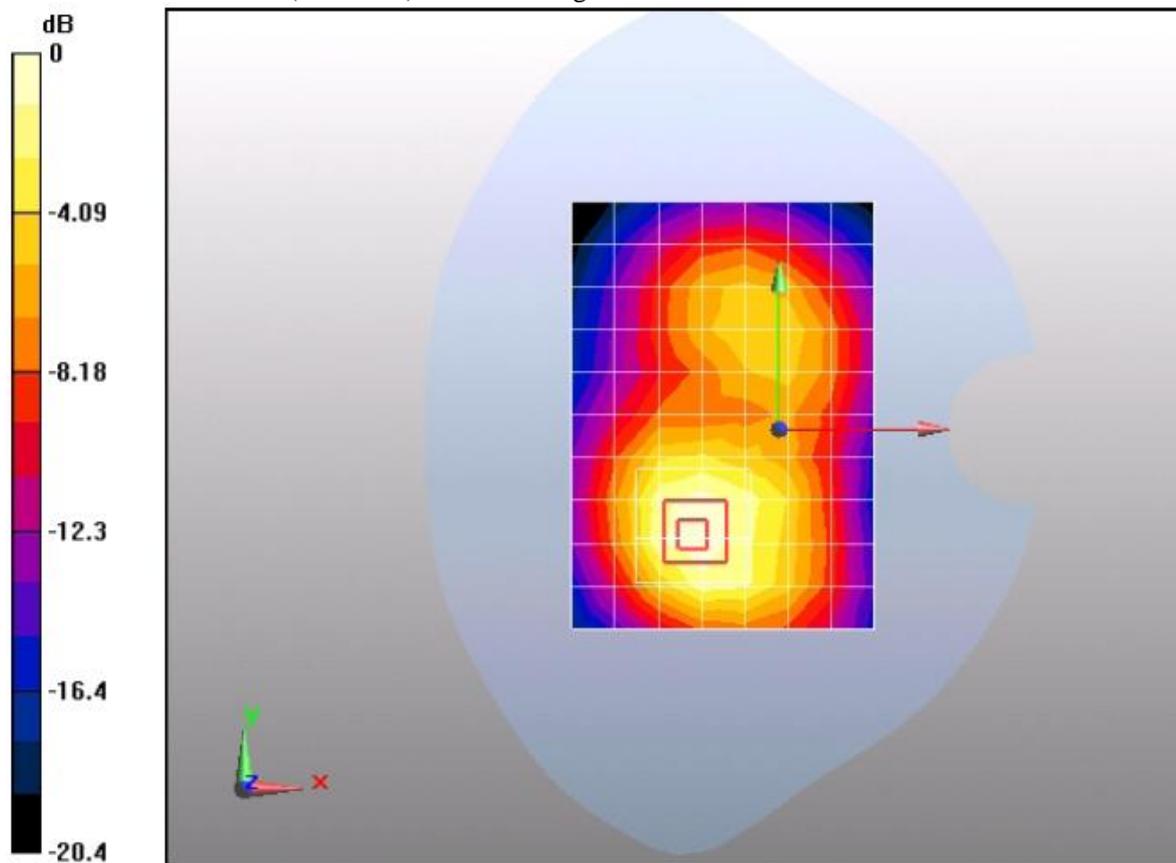
Reference Value = 8.94 V/m; Power Drift = 0.174 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.624 mW/g; SAR(10 g) = 0.375 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.655 mW/g



0 dB = 0.655mW/g

Additional information:

position or distance of DUT to SAM (if not standard head positions) : 15 mm

ambient temperature: 22.3°C; liquid temperature: 21.6°C

Annex 2.7 WCDMA 850 MHz Head

Date/Time: 2/16/2011 12:40:01 AM, Date/Time: 2/16/2011 12:48:46 AM

P1528_OET65_EN62209- LeftHandSide touched -WCDMA850 Middle

DUT: U6150-5; Type: Handset; Serial: 9UA4CB10C0800084

Communication System: HW -UMTS-FDD; Frequency: 836.4 MHz

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.879$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DAS Y5 (IEEE/IEC/ANSI C63.19-2007)

DAS Y5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.98, 5.98, 5.98); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DAS Y5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.282 mW/g

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

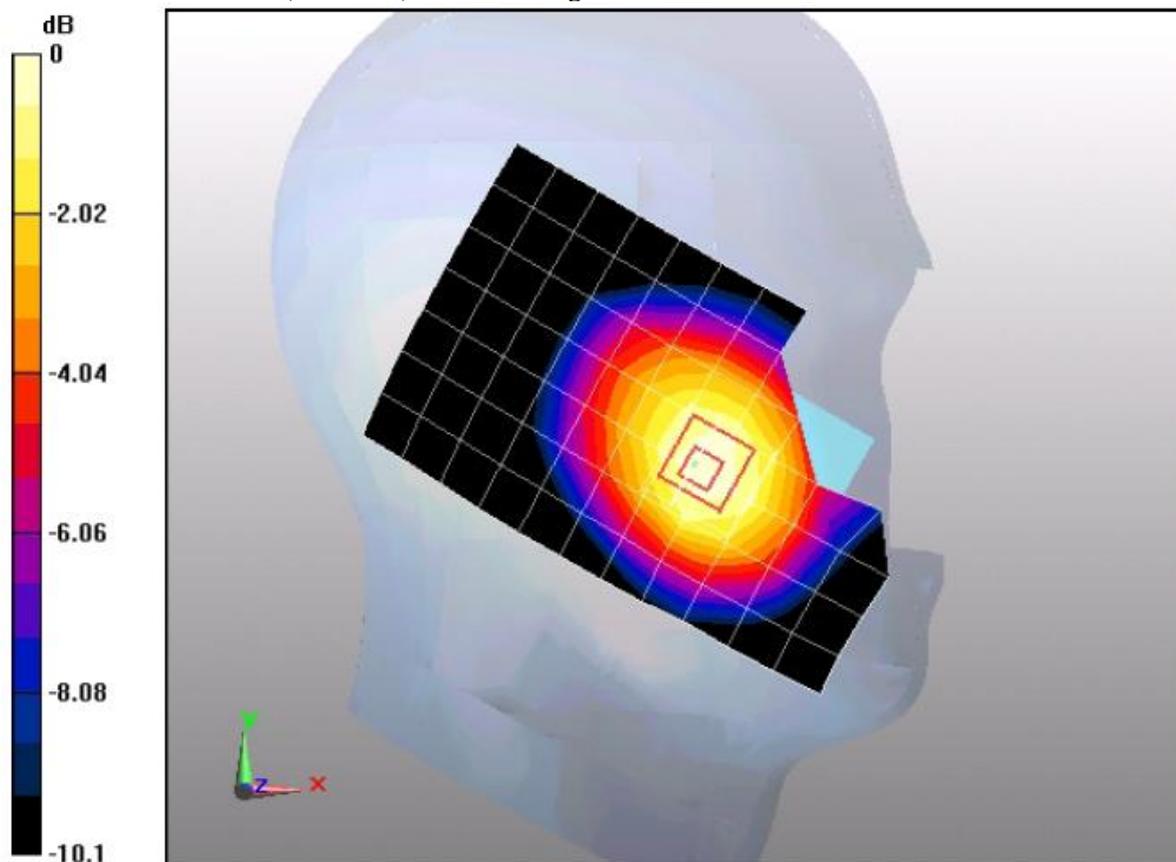
Reference Value = 5.1 V/m; Power Drift = -0.140 dB

Peak SAR (extrapolated) = 0.337 W/kg

SAR(1 g) = 0.264 mW/g; SAR(10 g) = 0.195 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.278 mW/g



0 dB = 0.278mW/g

Additional information:

position or distance of DUT to SAM (if not standard head positions) :

ambient temperature: 22.2°C; liquid temperature: 21.6°C

P1528_OET65_EN62209- LeftHandSide tilted 15° -WCDMA850 Middle

DUT: U6150-5; Type: Handset; Serial: 9UA4CB10C0800084

Communication System: HW -UMTS-FDD; Frequency: 836.4 MHz

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.879$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DAS Y5 (IEEE/IEC/ANSI C63.19-2007)

DAS Y5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.98, 5.98, 5.98); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DAS Y5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.192 mW/g

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

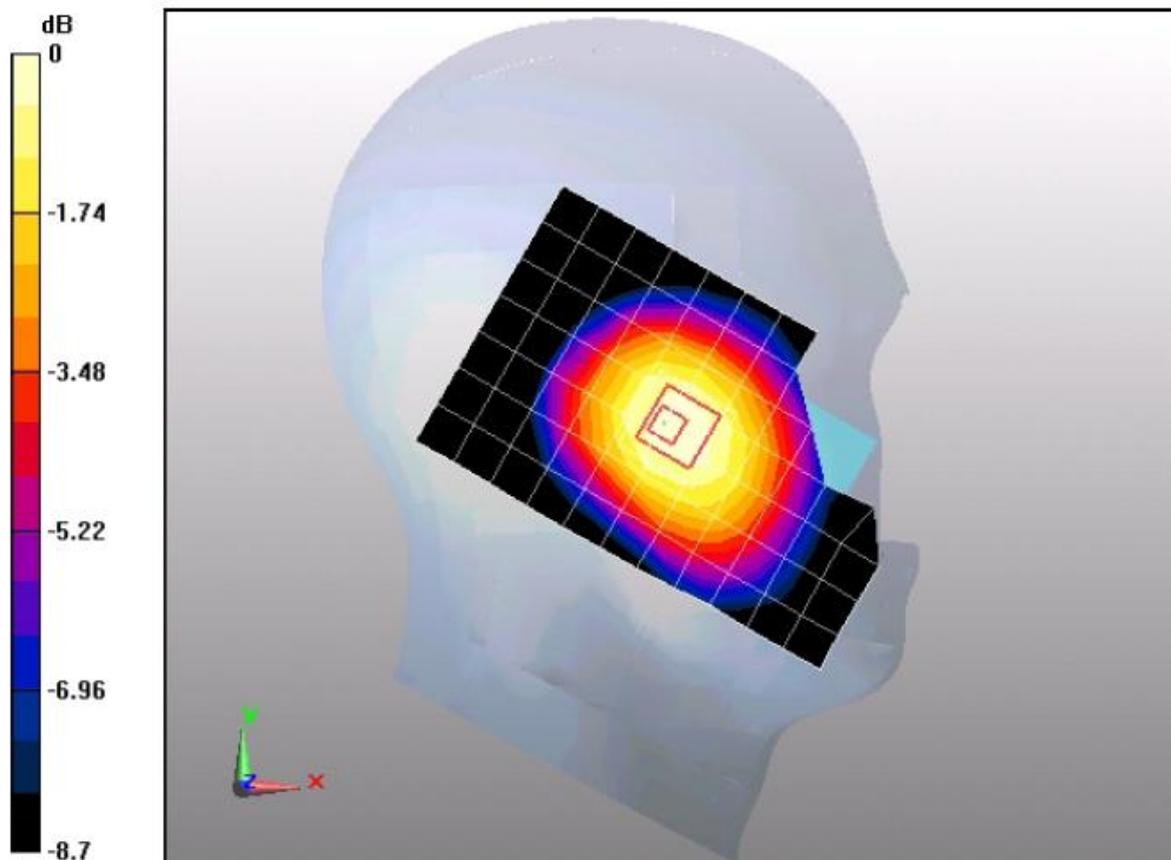
Reference Value = 9.56 V/m; Power Drift = 0.028 dB

Peak SAR (extrapolated) = 0.226 W/kg

SAR(1 g) = 0.186 mW/g; SAR(10 g) = 0.143 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.194 mW/g



0 dB = 0.194mW/g

Additional information:

position or distance of DUT to SAM (if not standard head positions) :

ambient temperature: 22.2°C; liquid temperature: 21.6°C

P1528_OET65_EN62209- RightHandSide touched -WCDMA850 Middle

DUT: U6150-5; Type: Handset; Serial: 9UA4CB10C0800084

Communication System: HW -UMTS-FDD; Frequency: 836.4 MHz

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.879$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DAS Y5 (IEEE/IEC/ANSI C63.19-2007)

DAS Y5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.98, 5.98, 5.98); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DAS Y5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.249 mW/g

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

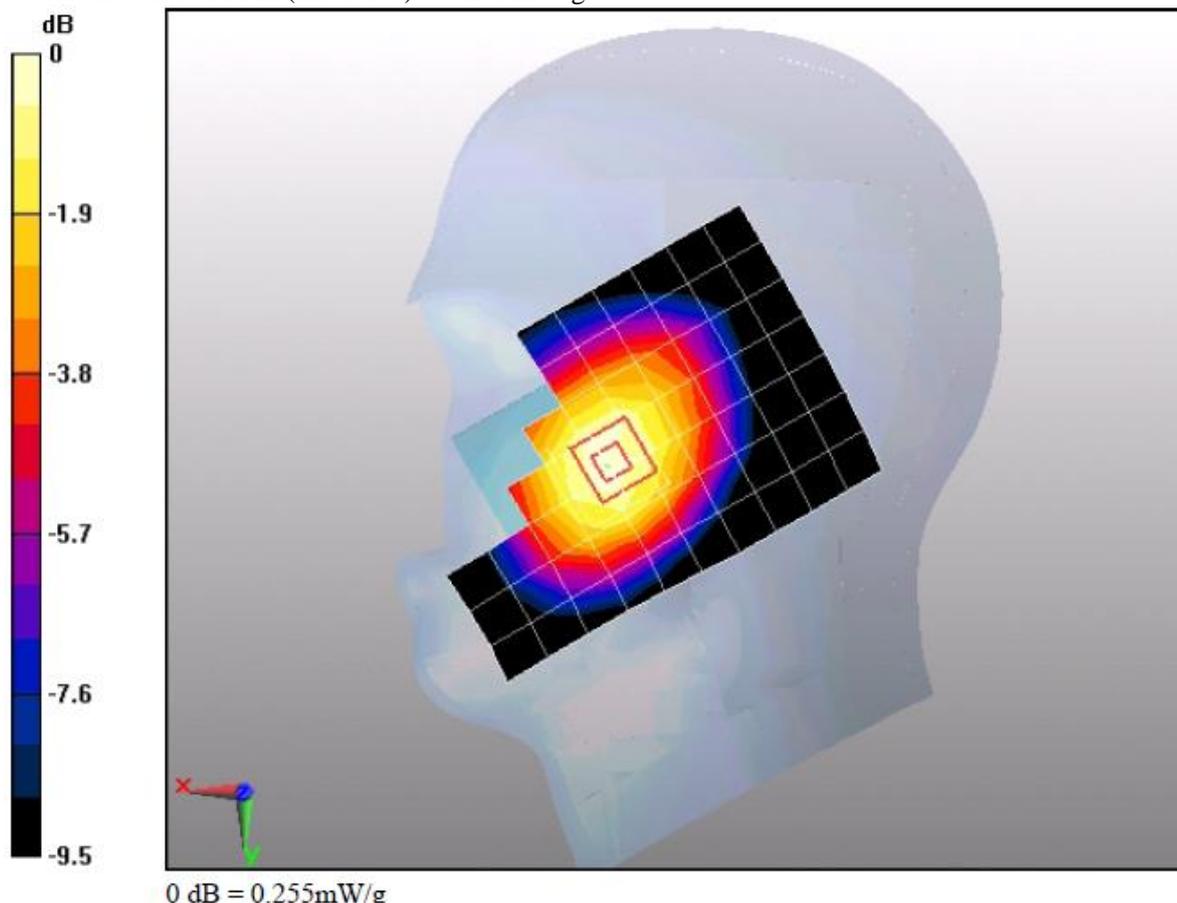
Reference Value = 5.26 V/m; Power Drift = 0.109 dB

Peak SAR (extrapolated) = 0.309 W/kg

SAR(1 g) = 0.241 mW/g; SAR(10 g) = 0.177 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.255 mW/g

**Additional information:**

position or distance of DUT to SAM (if not standard head positions) :

ambient temperature: 22.2°C; liquid temperature: 21.6°C

P1528_OET65_EN62209- RightHandSide tilted 15° -WCDMA850 Middle

DUT: U6150-5; Type: Handset; Serial: 9UA4CB10C0800084

Communication System: HW -UMTS-FDD; Frequency: 836.4 MHz

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.879$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DAS Y5 (IEEE/IEC/ANSI C63.19-2007)

DAS Y5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.98, 5.98, 5.98); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DAS Y5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.202 mW/g

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

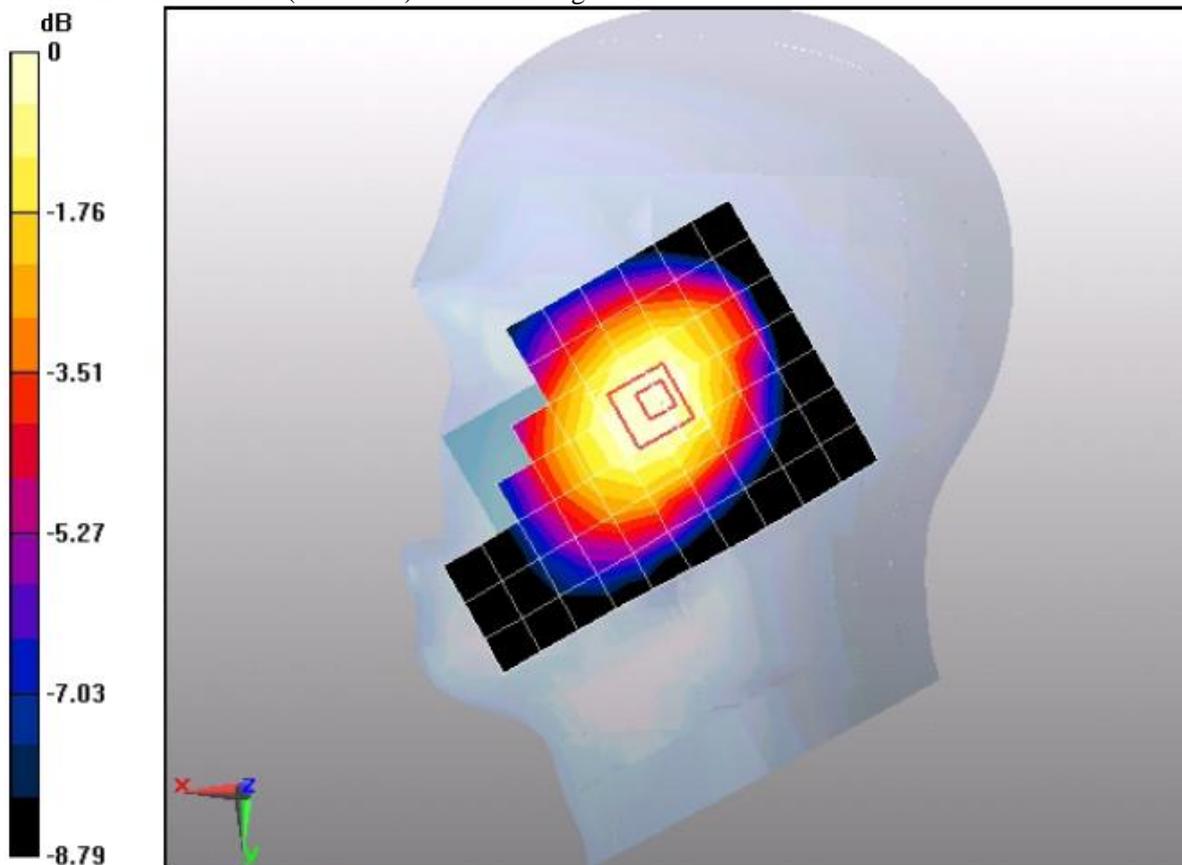
Reference Value = 9.56 V/m; Power Drift = 0.124 dB

Peak SAR (extrapolated) = 0.230 W/kg

SAR(1 g) = 0.188 mW/g; SAR(10 g) = 0.144 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.197 mW/g



0 dB = 0.197mW/g

Additional information:

position or distance of DUT to SAM (if not standard head positions) :

ambient temperature: 22.2°C; liquid temperature: 21.6°C

P1528_OET65_EN62209- LeftHandSide touched –WCDMA850 High

DUT: U6150-5; Type: Handset; Serial: 9UA4CB10C0800084

Communication System: HW -UMTS-FDD; Frequency: 846.6 MHz

Medium parameters used (interpolated): $f = 846.6$ MHz; $\sigma = 0.88$ mho/m; $\epsilon_r = 41.7$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DAS Y5 (IEEE/IEC/ANSI C63.19-2007)

DAS Y5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.98, 5.98, 5.98); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DAS Y5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.398 mW/g

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

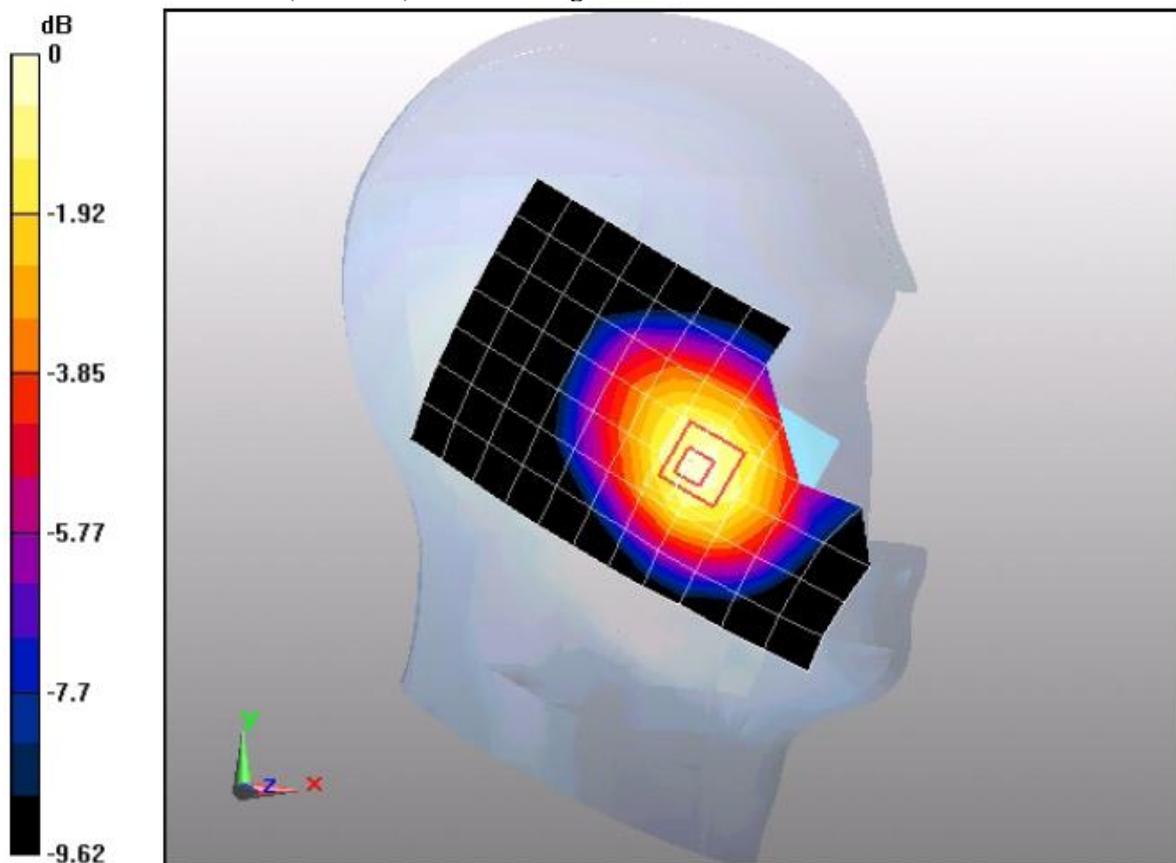
Reference Value = 6.27 V/m; Power Drift = 0.174 dB

Peak SAR (extrapolated) = 0.499 W/kg

SAR(1 g) = 0.385 mW/g; SAR(10 g) = 0.281 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.405 mW/g



0 dB = 0.405mW/g

Additional information:

position or distance of DUT to SAM (if not standard head positions) :

ambient temperature: 22.2°C; liquid temperature: 21.6°C

P1528_OET65_EN62209- LeftHandSide touched -WCDMA850 Low

DUT: U6150-5; Type: Handset; Serial: 9UA4CB10C0800084

Communication System: HW -UMTS-FDD; Frequency: 826.4 MHz

Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.881$ mho/m; $\epsilon_r = 41.9$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DAS Y5 (IEEE/IEC/ANSI C63.19-2007)

DAS Y5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.98, 5.98, 5.98); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DAS Y5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.360 mW/g

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

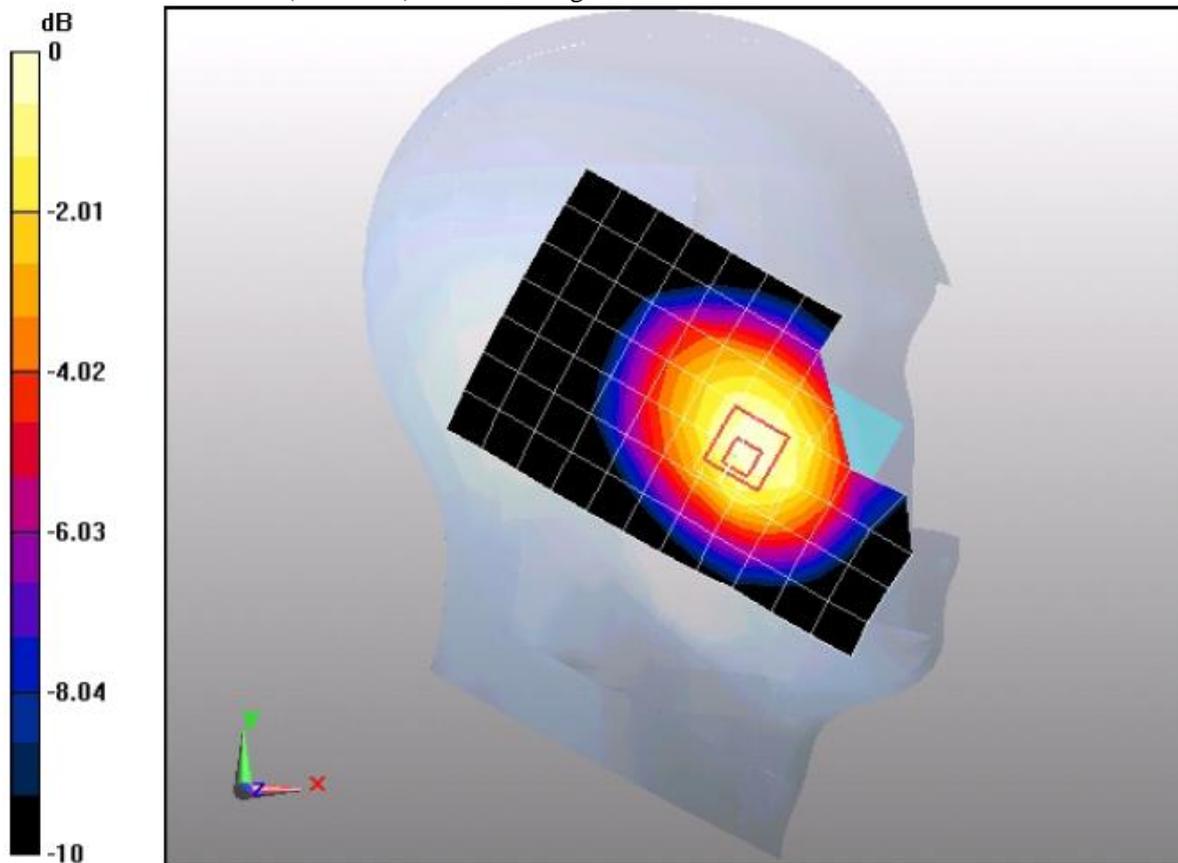
Reference Value = 6.59 V/m; Power Drift = 0.052 dB

Peak SAR (extrapolated) = 0.438 W/kg

SAR(1 g) = 0.332 mW/g; SAR(10 g) = 0.245 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.361 mW/g



0 dB = 0.361mW/g

Additional information:

position or distance of DUT to SAM (if not standard head positions) :

ambient temperature: 22.2°C; liquid temperature: 21.6°C