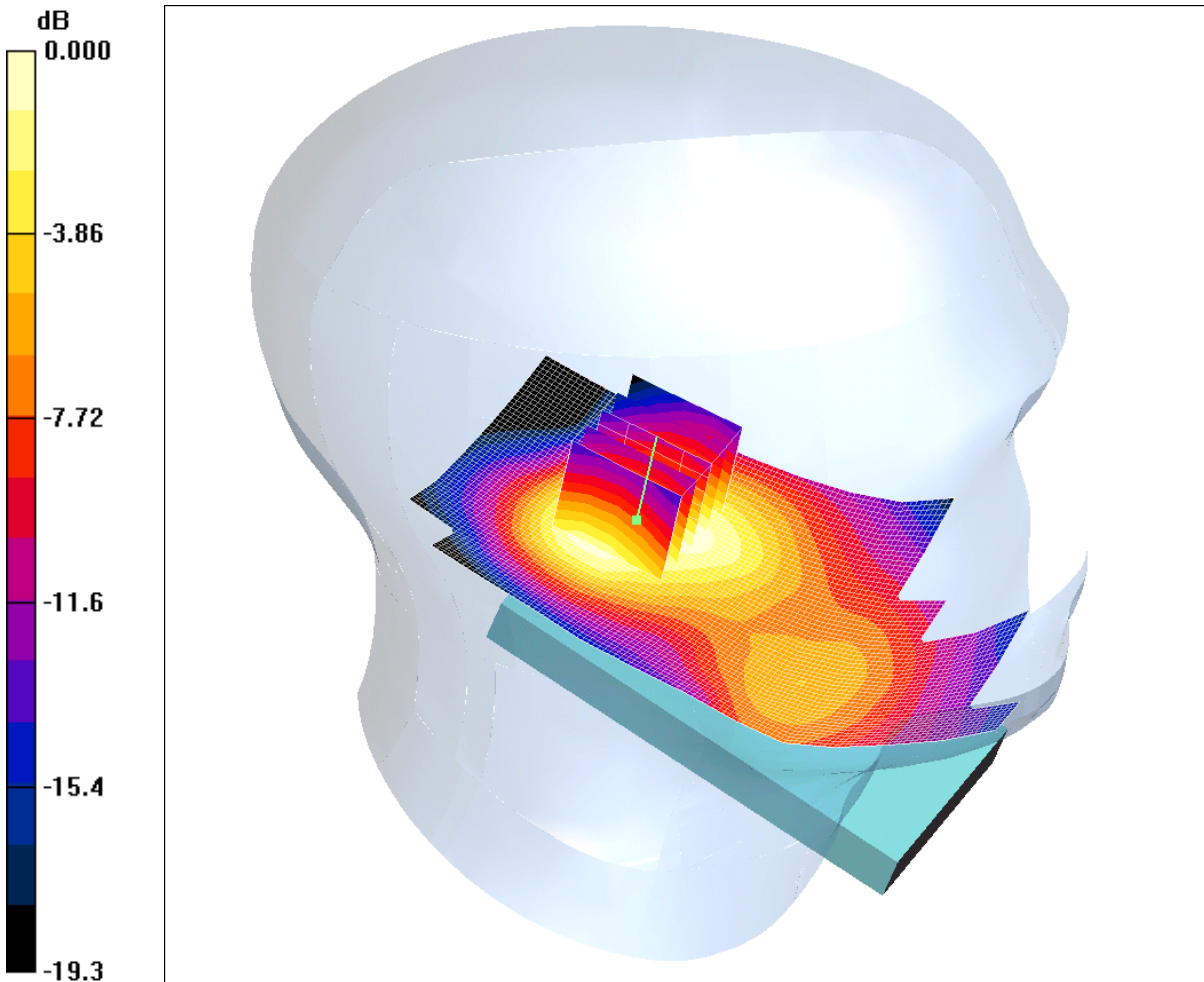


SCN/80763JD01/038: Tilt Left PCS CH660

Date 09/02/2011

DUT: Sony Ericsson Mobile Communications Int AB; Type: XPERIA; Serial: CB5A1CGV9F

IMEI:004402142262330



0 dB = 0.282mW/g

Communication System: PCS 1900; Frequency: 1879.8 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz HSL Medium parameters used (interpolated):  $f = 1879.8$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 38.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1583; ConvF(5.24, 5.24, 5.24); Calibrated: 16/11/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 19/04/2010

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Tilt Left - Middle/Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.329 mW/g

**Tilt Left - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.3 V/m; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 0.419 W/kg

**SAR(1 g) = 0.270 mW/g; SAR(10 g) = 0.171 mW/g**

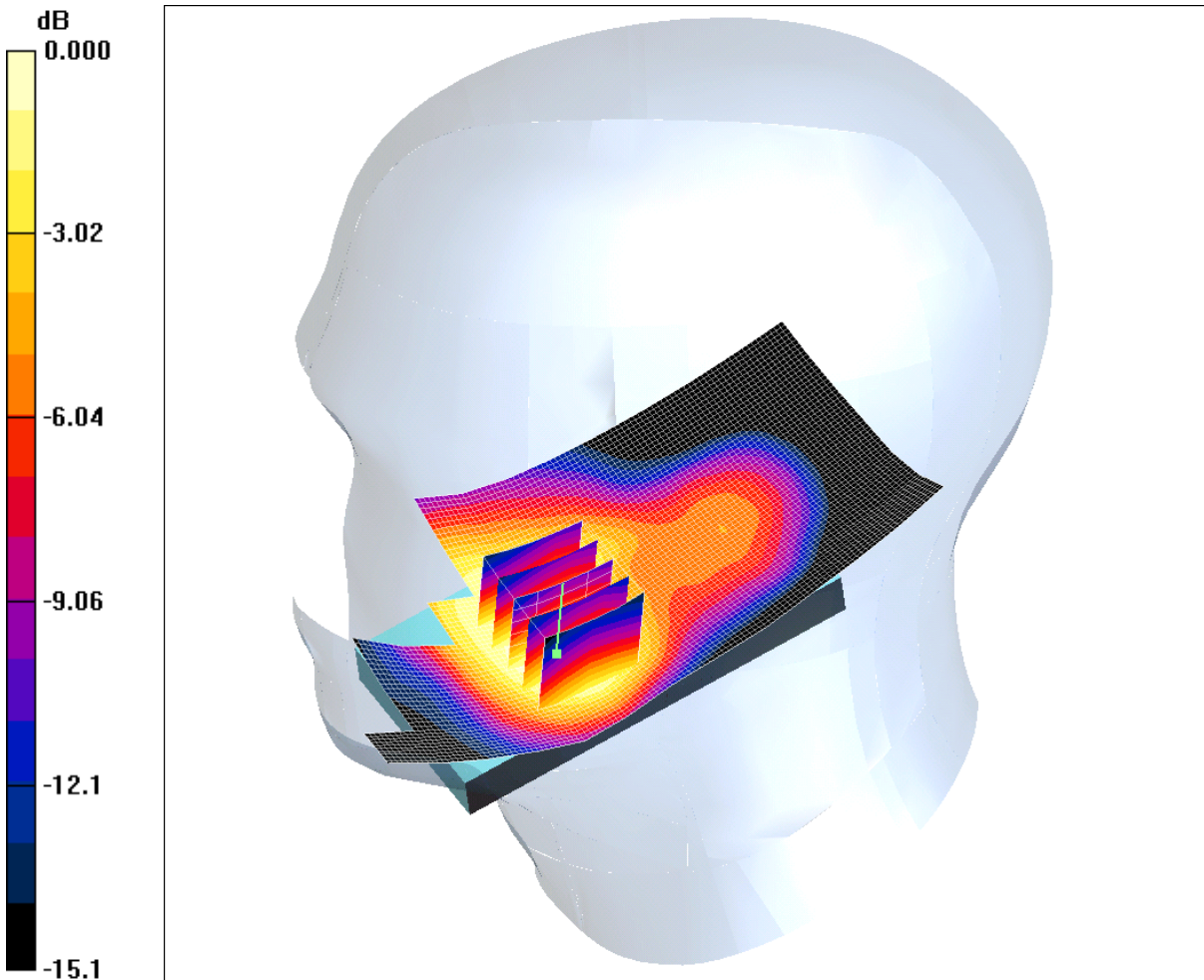
Maximum value of SAR (measured) = 0.282 mW/g

SCN/80763JD01/039: Touch Right PCS CH660

Date 09/02/2011

DUT: Sony Ericsson Mobile Communications Int AB; Type: XPERIA; Serial: CB5A1CGV9F

IMEI:004402142262330



0 dB = 0.453mW/g

Communication System: PCS 1900; Frequency: 1879.8 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz HSL Medium parameters used (interpolated):  $f = 1879.8$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 38.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1583; ConvF(5.24, 5.24, 5.24); Calibrated: 16/11/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 19/04/2010

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Touch Right - Middle/Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.470 mW/g

**Touch Right - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.0 V/m; Power Drift = -0.029 dB

Peak SAR (extrapolated) = 0.567 W/kg

**SAR(1 g) = 0.420 mW/g; SAR(10 g) = 0.280 mW/g**

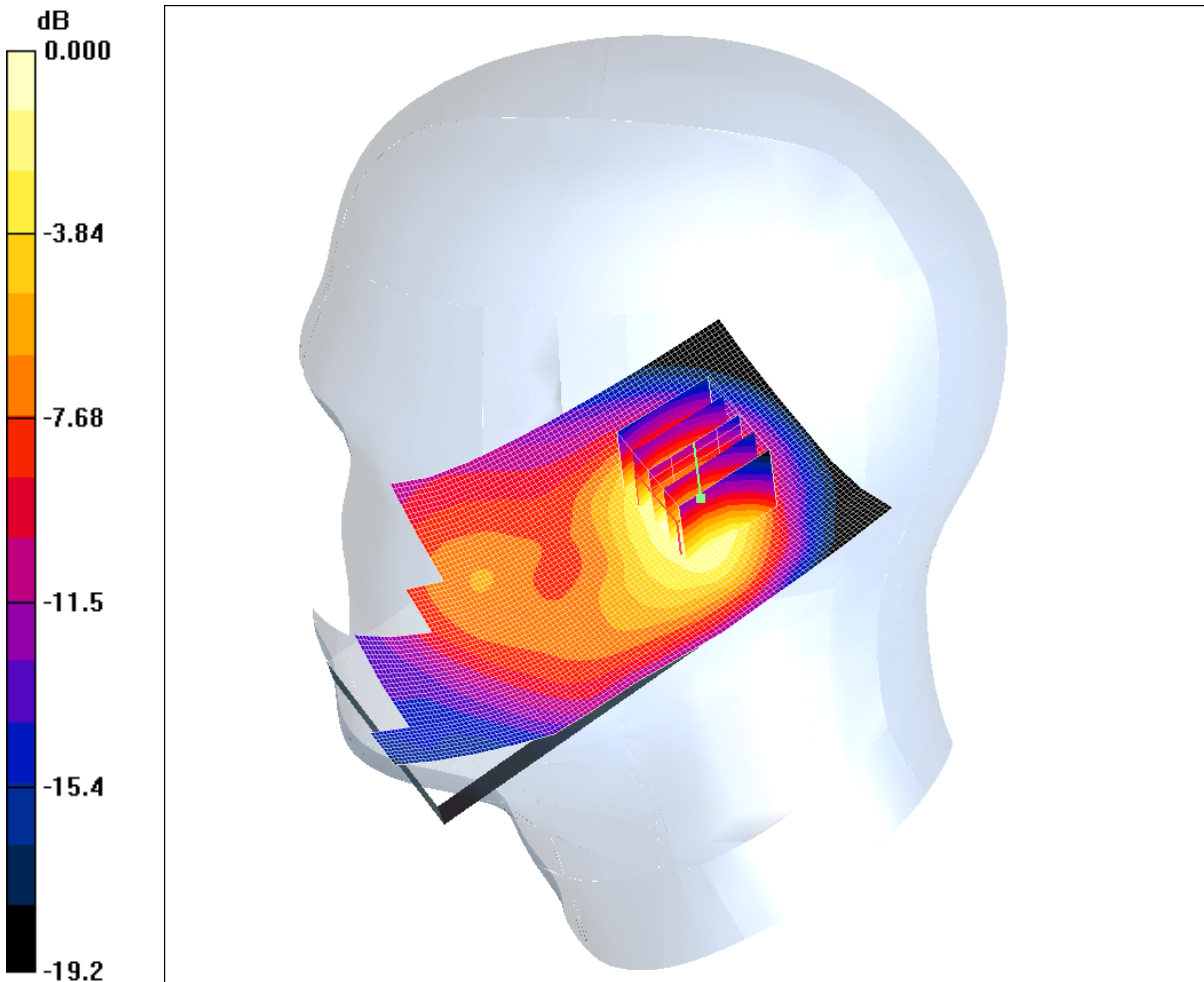
Maximum value of SAR (measured) = 0.453 mW/g

SCN/80763JD01/040: Tilt Right PCS CH660

Date 09/02/2011

DUT: Sony Ericsson Mobile Communications Int AB; Type: XPERIA; Serial: CB5A1CGV9F

IMEI:004402142262330



0 dB = 0.287mW/g

Communication System: PCS 1900; Frequency: 1879.8 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz HSL Medium parameters used (interpolated):  $f = 1879.8$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 38.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1583; ConvF(5.24, 5.24, 5.24); Calibrated: 16/11/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 19/04/2010

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Tilt Right - Middle/Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.307 mW/g

**Tilt Right - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.1 V/m; Power Drift = 0.377 dB

Peak SAR (extrapolated) = 0.391 W/kg

**SAR(1 g) = 0.264 mW/g; SAR(10 g) = 0.162 mW/g**

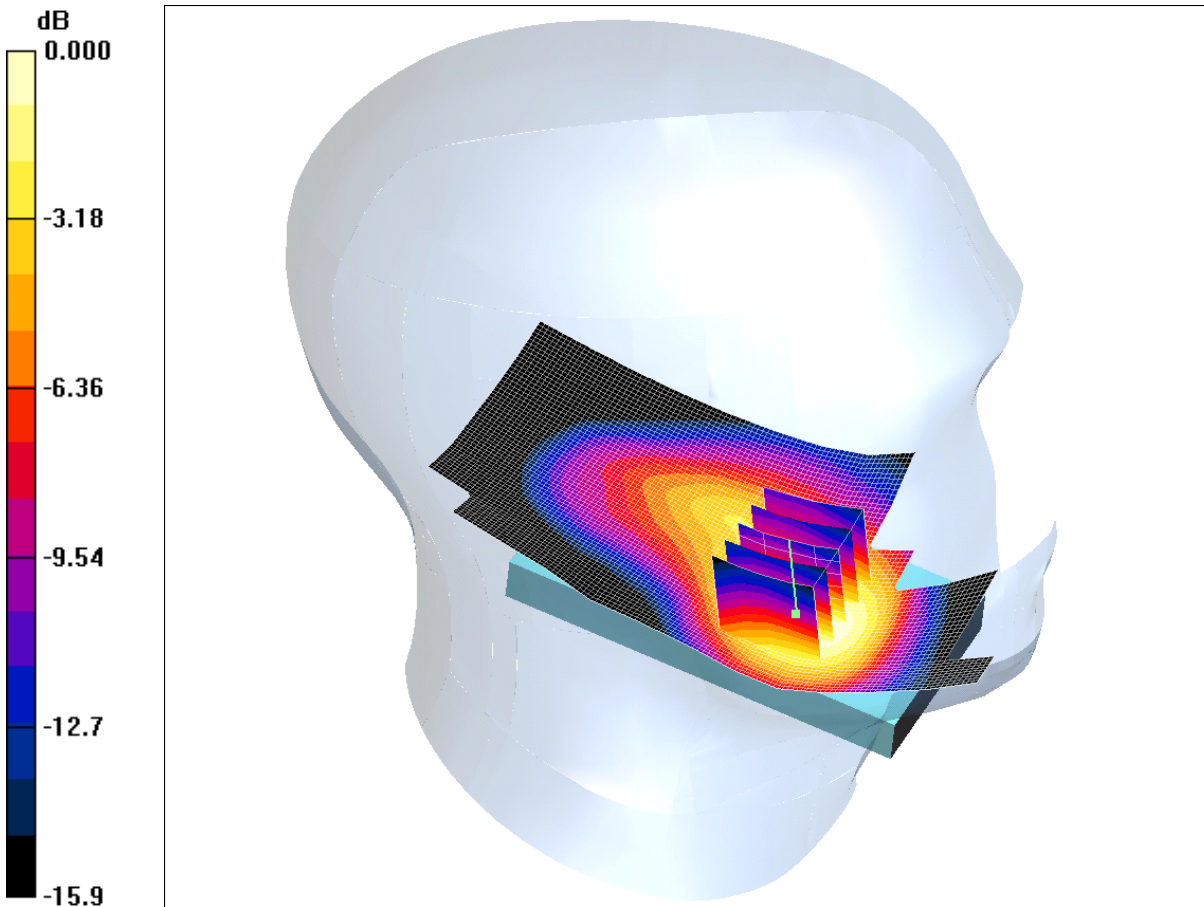
Maximum value of SAR (measured) = 0.287 mW/g

SCN/80763JD01/041: Touch Left PCS CH512

Date 14/02/2011

DUT: Sony Ericsson Mobile Communications Int AB; Type: XPERIA; Serial: CB5A1CGV9F

IMEI:004402142262330



0 dB = 0.527mW/g

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

Medium: 1900 MHz HSL Medium parameters used (interpolated):  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.37 \text{ mho/m}$ ;  $\epsilon_r = 40.1$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1583; ConvF(5.24, 5.24, 5.24); Calibrated: 16/11/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 19/04/2010

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Touch Left - Middle/Area Scan (61x121x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.557 mW/g

**Touch Left - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 8.03 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 0.764 W/kg

**SAR(1 g) = 0.494 mW/g; SAR(10 g) = 0.290 mW/g**

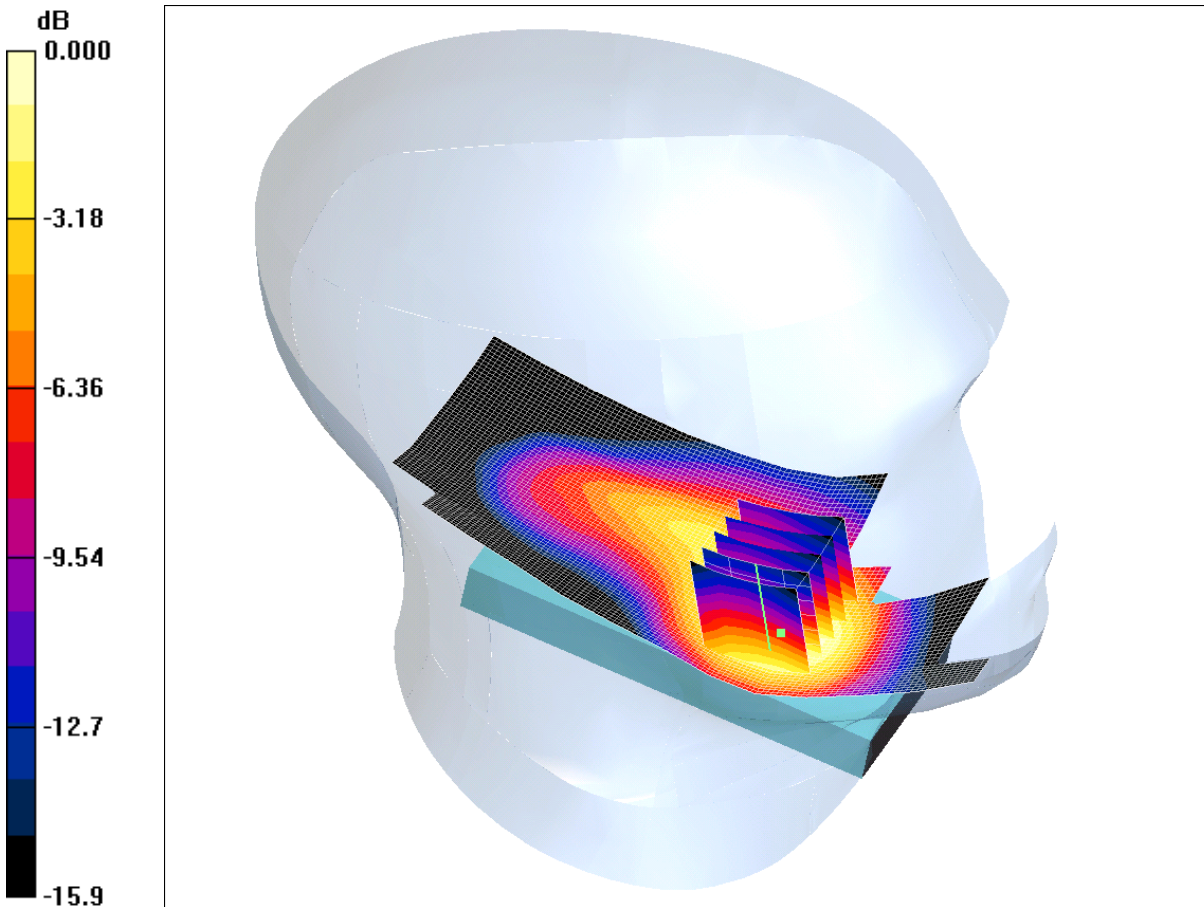
Maximum value of SAR (measured) = 0.527 mW/g

SCN/80763JD01/042: Touch Left PCS CH810

Date 14/02/2011

DUT: Sony Ericsson Mobile Communications Int AB; Type: XPERIA; Serial: CB5A1CGV9F

IMEI:004402142262330



0 dB = 0.712mW/g

Communication System: PCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz HSL Medium parameters used (interpolated):  $f = 1909.8 \text{ MHz}$ ;  $\sigma = 1.42 \text{ mho/m}$ ;  $\epsilon_r = 39.9$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1583; ConvF(5.24, 5.24, 5.24); Calibrated: 16/11/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 19/04/2010

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Touch Left - High/Area Scan (61x121x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.704 mW/g

**Touch Left - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 9.57 V/m; Power Drift = 0.292 dB

Peak SAR (extrapolated) = 1.10 W/kg

**SAR(1 g) = 0.672 mW/g; SAR(10 g) = 0.400 mW/g**

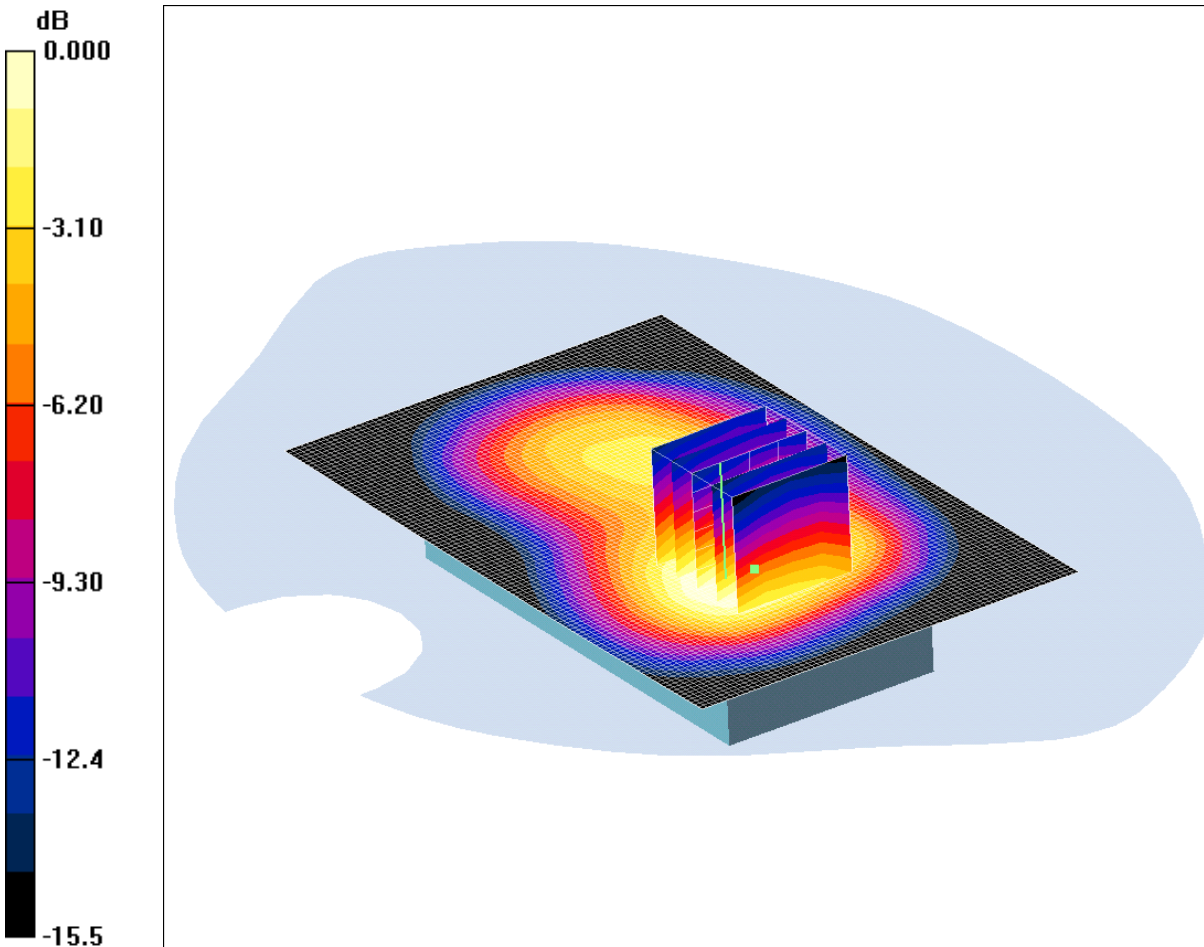
Maximum value of SAR (measured) = 0.712 mW/g

**SCN/80763JD01/043: Front of EUT Facing Phantom GPRS CH660**

Date 09/02/2011

DUT: Sony Ericsson Mobile Communications Int AB; Type: XPERIA; Serial: CB5A1CGV9F

IMEI:004402142262330



0 dB = 0.261mW/g

Communication System: GPRS 1900 (Class 12); Frequency: 1879.8 MHz; Duty Cycle: 1:2  
 Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1879.8 MHz;  $\sigma = 1.56$  mho/m;  $\epsilon_r = 51$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1583; ConvF(4.68, 4.68, 4.68); Calibrated: 16/11/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 19/04/2010

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Front of EUT Facing Phantom - Middle/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.287 mW/g

**Front of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.83 V/m; Power Drift = -0.343 dB

Peak SAR (extrapolated) = 0.377 W/kg

**SAR(1 g) = 0.248 mW/g; SAR(10 g) = 0.155 mW/g**

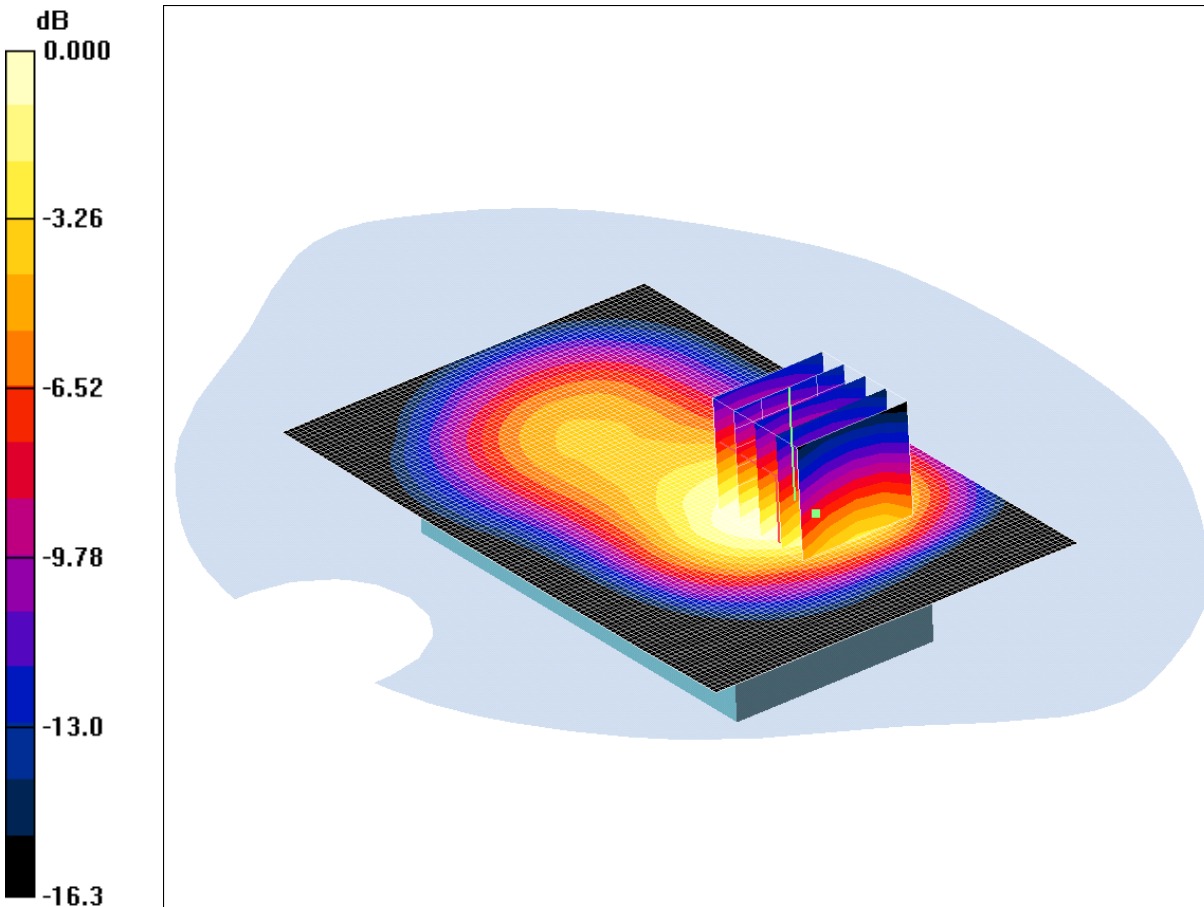
Maximum value of SAR (measured) = 0.261 mW/g

SCN/80763JD01/044: Rear of EUT Facing Phantom GPRS CH660

Date 09/02/2011

DUT: Sony Ericsson Mobile Communications Int AB; Type: XPERIA; Serial: CB5A1CGV9F

IMEI:004402142262330



0 dB = 0.360mW/g

Communication System: GPRS 1900 (Class 12); Frequency: 1879.8 MHz; Duty Cycle: 1:2

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1879.8 \text{ MHz}$ ;  $\sigma = 1.56 \text{ mho/m}$ ;  $\epsilon_r = 51$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1583; ConvF(4.68, 4.68, 4.68); Calibrated: 16/11/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 19/04/2010

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Rear of EUT Facing Phantom - Middle/Area Scan (71x111x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.384 mW/g

**Rear of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,

$dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 11.2 V/m; Power Drift = 0.018 dB

Peak SAR (extrapolated) = 0.480 W/kg

**SAR(1 g) = 0.333 mW/g; SAR(10 g) = 0.211 mW/g**

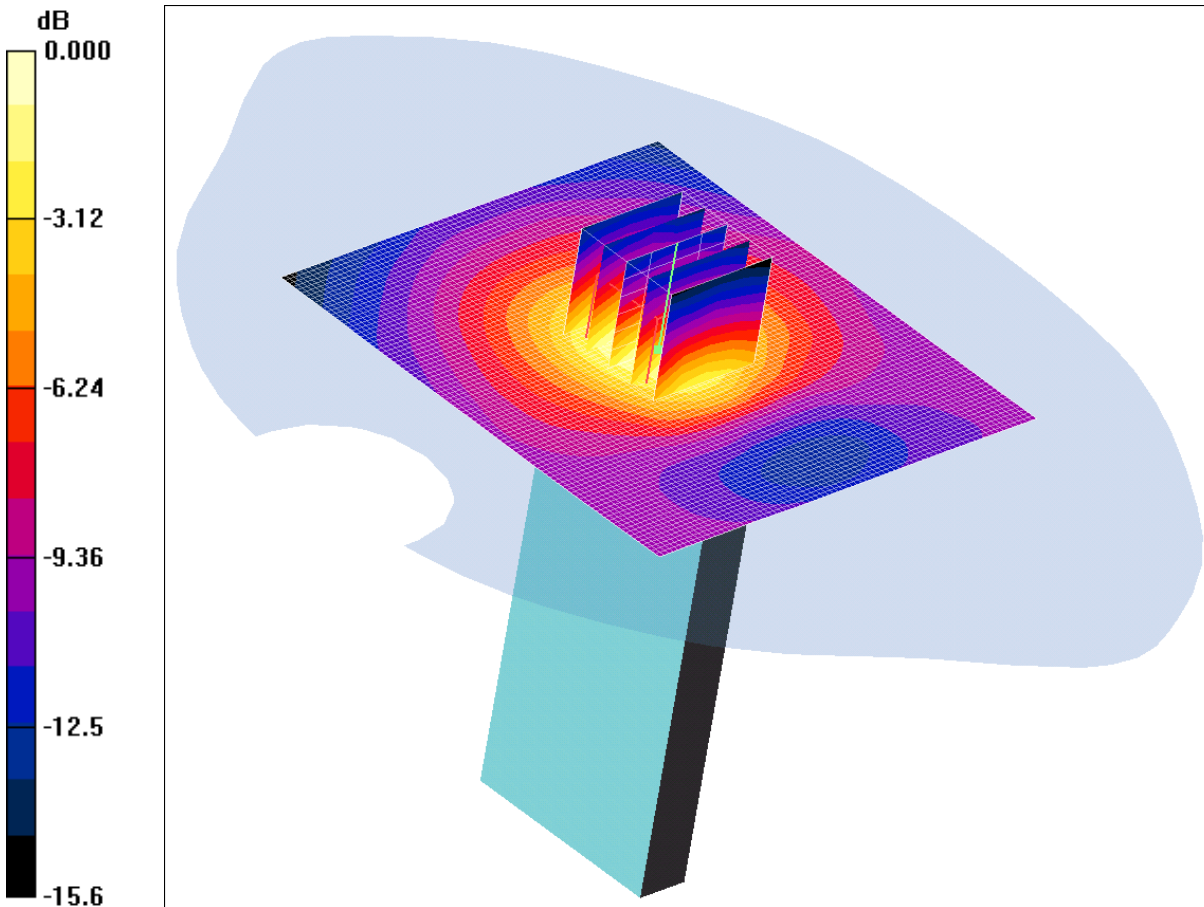
Maximum value of SAR (measured) = 0.360 mW/g

SCN/80763JD01/045: Top of EUT Facing Phantom GPRS CH660

Date 09/02/2011

DUT: Sony Ericsson Mobile Communications Int AB; Type: XPERIA; Serial: CB5A1CGV9F

IMEI:004402142262330



0 dB = 0.094mW/g

Communication System: GPRS 1900 (Class 12); Frequency: 1879.8 MHz; Duty Cycle: 1:2

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1879.8 \text{ MHz}$ ;  $\sigma = 1.56 \text{ mho/m}$ ;  $\epsilon_r = 51$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1583; ConvF(4.68, 4.68, 4.68); Calibrated: 16/11/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 19/04/2010

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Top of EUT Facing Phantom - Middle/Area Scan (81x91x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.084 mW/g

**Top of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 8.02 V/m; Power Drift = 0.396 dB

Peak SAR (extrapolated) = 0.125 W/kg

**SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.051 mW/g**

Maximum value of SAR (measured) = 0.094 mW/g

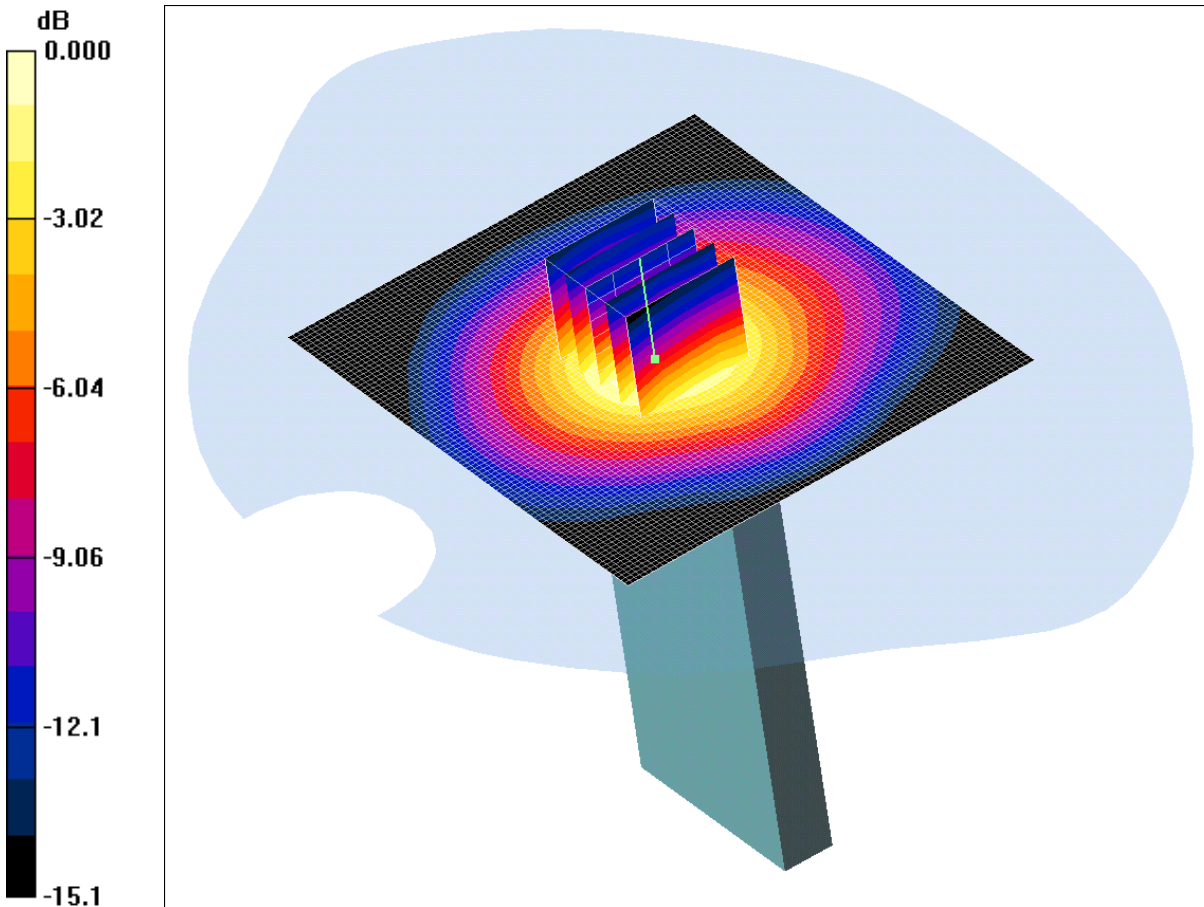


SCN/80763JD01/046: Bottom of EUT Facing Phantom GPRS CH660

Date 09/02/2011

DUT: Sony Ericsson Mobile Communications Int AB; Type: XPERIA; Serial: CB5A1CGV9F

IMEI:004402142262330



0 dB = 0.157mW/g

Communication System: GPRS 1900 (Class 12); Frequency: 1879.8 MHz; Duty Cycle: 1:2

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1879.8 \text{ MHz}$ ;  $\sigma = 1.56 \text{ mho/m}$ ;  $\epsilon_r = 51$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1583; ConvF(4.68, 4.68, 4.68); Calibrated: 16/11/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 19/04/2010

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Bottom of EUT Facing Phantom - Middle/Area Scan (81x91x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.154 mW/g

**Bottom of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 10.8 V/m; Power Drift = -0.076 dB

Peak SAR (extrapolated) = 0.224 W/kg

**SAR(1 g) = 0.143 mW/g; SAR(10 g) = 0.087 mW/g**

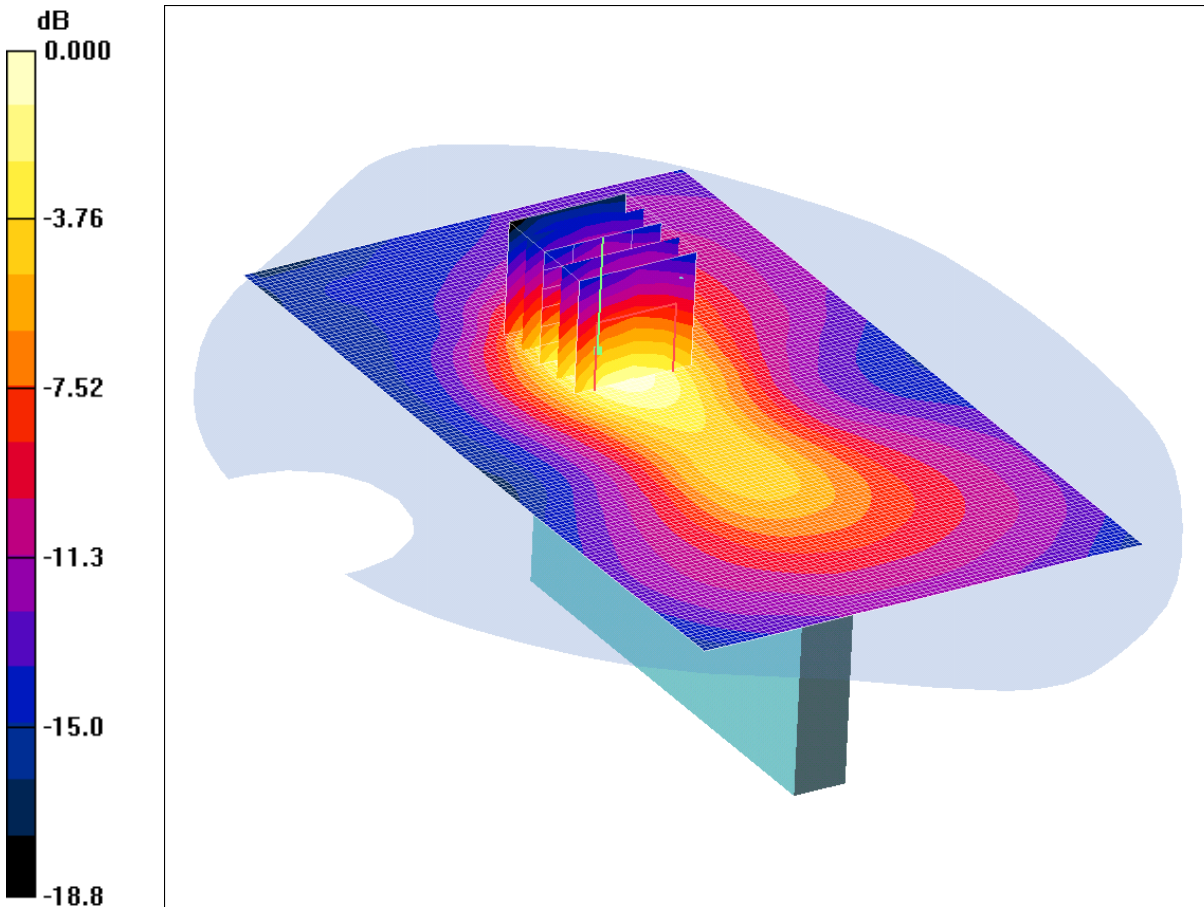
Maximum value of SAR (measured) = 0.157 mW/g

SCN/80763JD01/047: LHS of EUT Facing Phantom GPRS CH660

Date 09/02/2011

DUT: Sony Ericsson Mobile Communications Int AB; Type: XPERIA; Serial: CB5A1CGV9F

IMEI:004402142262330



0 dB = 0.185mW/g

Communication System: GPRS 1900 (Class 12); Frequency: 1879.8 MHz; Duty Cycle: 1:2

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1879.8 \text{ MHz}$ ;  $\sigma = 1.56 \text{ mho/m}$ ;  $\epsilon_r = 51$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1583; ConvF(4.68, 4.68, 4.68); Calibrated: 16/11/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 19/04/2010

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**LHS of EUT Facing Phantom - Middle/Area Scan (81x141x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.195 mW/g

**LHS of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,

$dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 8.98 V/m; Power Drift = -0.706 dB

Peak SAR (extrapolated) = 0.269 W/kg

**SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.091 mW/g**

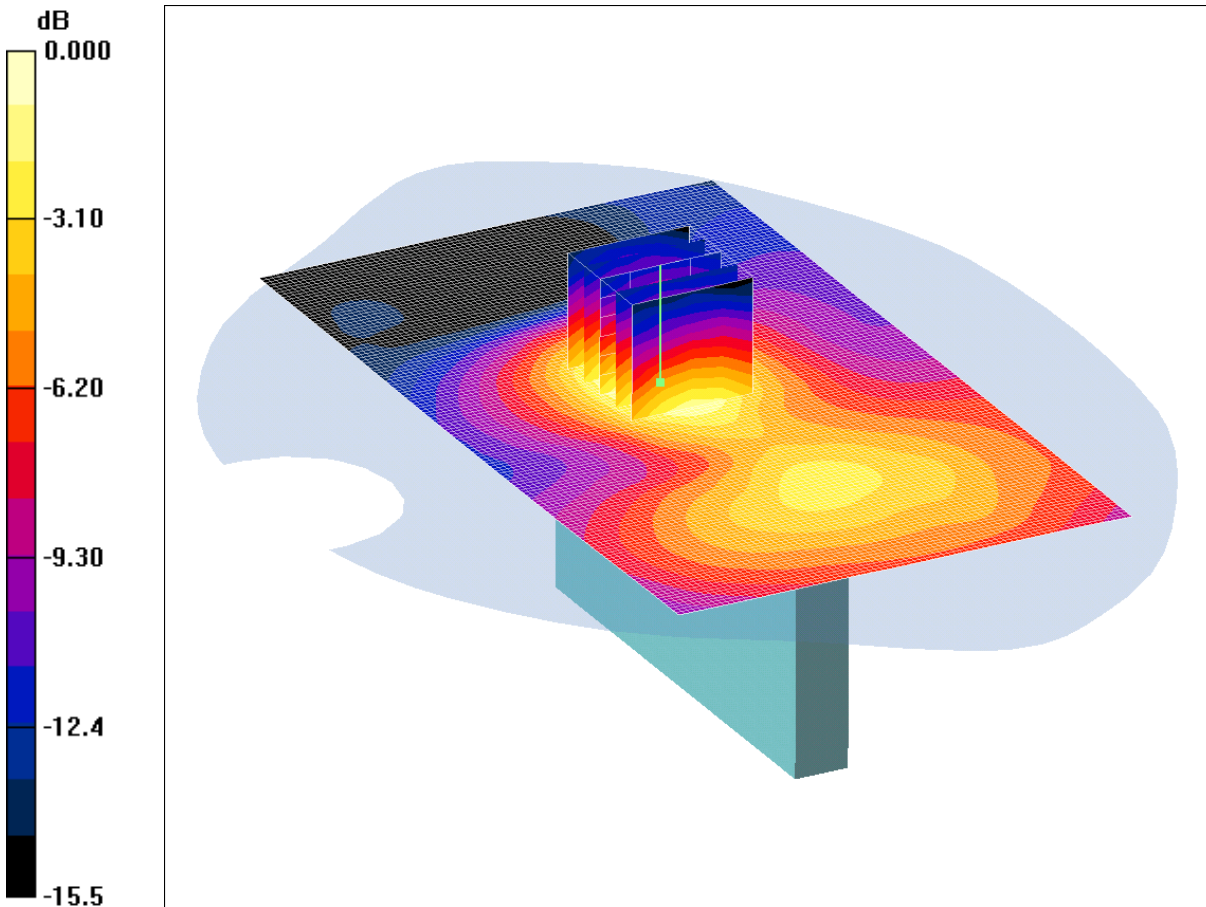
Maximum value of SAR (measured) = 0.185 mW/g

SCN/80763JD01/048: RHS of EUT Facing Phantom GPRS CH660

Date 09/02/2011

DUT: Sony Ericsson Mobile Communications Int AB; Type: XPERIA; Serial: CB5A1CGV9F

IMEI:004402142262330



0 dB = 0.066mW/g

Communication System: GPRS 1900 (Class 12); Frequency: 1879.8 MHz; Duty Cycle: 1:2

Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1879.8 MHz;  $\sigma = 1.56$  mho/m;  $\epsilon_r = 51$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1583; ConvF(4.68, 4.68, 4.68); Calibrated: 16/11/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 19/04/2010

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**RHS of EUT Facing Phantom - Middle 2/Area Scan (81x141x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.068 mW/g

**RHS of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.11 V/m; Power Drift = -0.116 dB

Peak SAR (extrapolated) = 0.088 W/kg

**SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.037 mW/g**

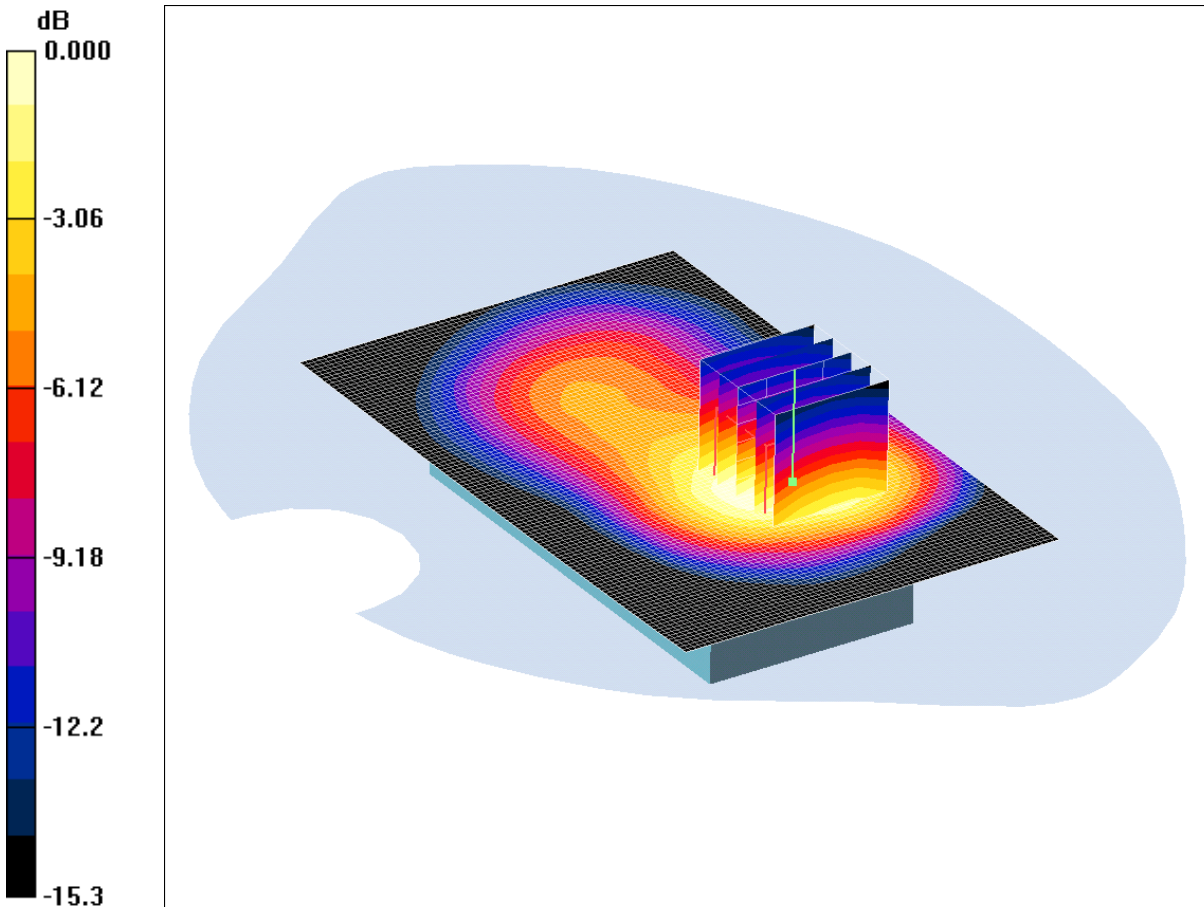
Maximum value of SAR (measured) = 0.066 mW/g

SCN/80763JD01/049: Rear of EUT Facing Phantom EGPRS CH660

Date 09/02/2011

DUT: Sony Ericsson Mobile Communications Int AB; Type: XPERIA; Serial: CB5A1CGV9F

IMEI:004402142262330



0 dB = 0.452mW/g

Communication System: EGPRS 1900 Class 12; Frequency: 1879.8 MHz; Duty Cycle: 1:2

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1879.8 \text{ MHz}$ ;  $\sigma = 1.56 \text{ mho/m}$ ;  $\epsilon_r = 51$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1583; ConvF(4.68, 4.68, 4.68); Calibrated: 16/11/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 19/04/2010

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Rear of EUT Facing Phantom - Middle/Area Scan (71x111x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.489 mW/g

**Rear of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,

$dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 12.4 V/m; Power Drift = -0.070 dB

Peak SAR (extrapolated) = 0.606 W/kg

**SAR(1 g) = 0.421 mW/g; SAR(10 g) = 0.265 mW/g**

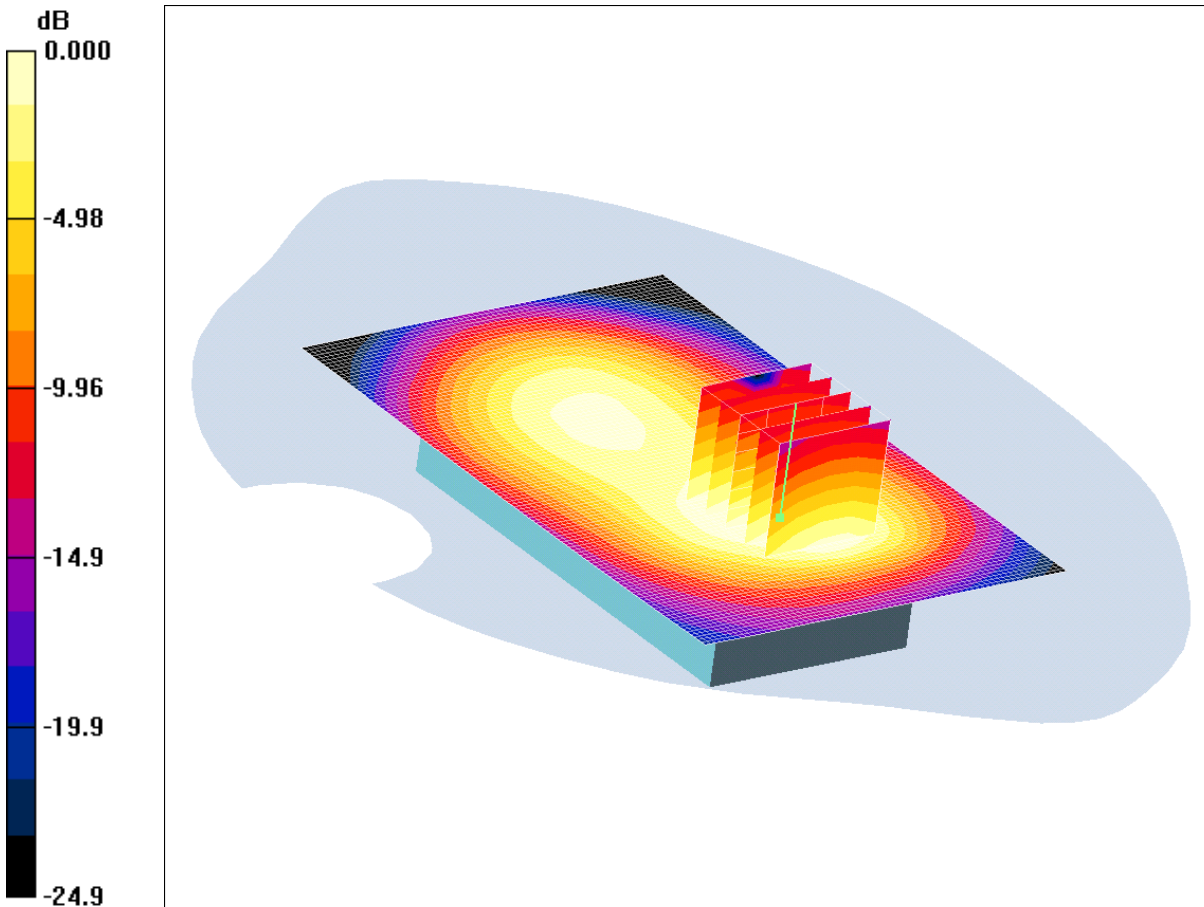
Maximum value of SAR (measured) = 0.452 mW/g

SCN/80763JD01/050: Rear of EUT Facing Phantom EGPRS CH512

Date 14/02/2011

DUT: Sony Ericsson Mobile Communications Int AB; Type: XPERIA; Serial: CB5A1CGV9F

IMEI:004402142262330



0 dB = 0.389mW/g

Communication System: EGPRS 1900 Class 12; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.54$  mho/m;  $\epsilon_r = 51.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1583; ConvF(4.68, 4.68, 4.68); Calibrated: 16/11/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 19/04/2010

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Rear of EUT Facing Phantom - Low/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.436 mW/g

**Rear of EUT Facing Phantom - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm,

dy=8mm, dz=5mm

Reference Value = 13.9 V/m; Power Drift = -0.359 dB

Peak SAR (extrapolated) = 0.529 W/kg

**SAR(1 g) = 0.367 mW/g; SAR(10 g) = 0.233 mW/g**

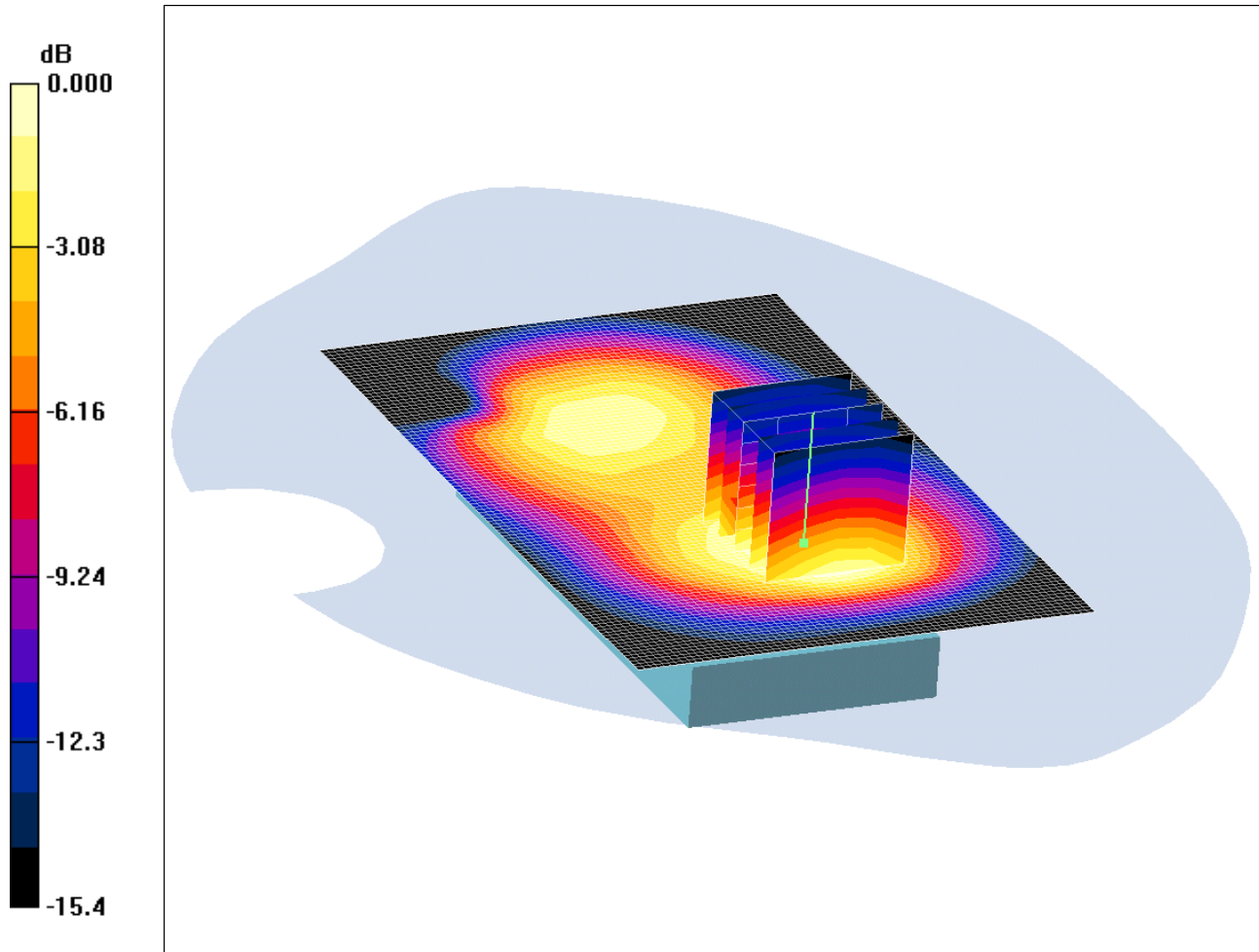
Maximum value of SAR (measured) = 0.389 mW/g

SCN/80763JD01/051: Rear of EUT Facing Phantom EGPRS CH810

Date 14/02/2011

DUT: Sony Ericsson Mobile Communications Int AB; Type: XPERIA; Serial: CB5A1CGV9F

IMEI:004402142262330



0 dB = 0.434mW/g

Communication System: EGPRS 1900 Class 12; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1909.8 \text{ MHz}$ ;  $\sigma = 1.59 \text{ mho/m}$ ;  $\epsilon_r = 51.3$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1583; ConvF(4.68, 4.68, 4.68); Calibrated: 16/11/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 19/04/2010

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Rear of EUT Facing Phantom - High/Area Scan (71x111x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.454 mW/g

**Rear of EUT Facing Phantom - High/DO NOT USE Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid:

$dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 11.8 V/m; Power Drift = 0.009 dB

Peak SAR (extrapolated) = 0.653 W/kg

**SAR(1 g) = 0.410 mW/g; SAR(10 g) = 0.238 mW/g**

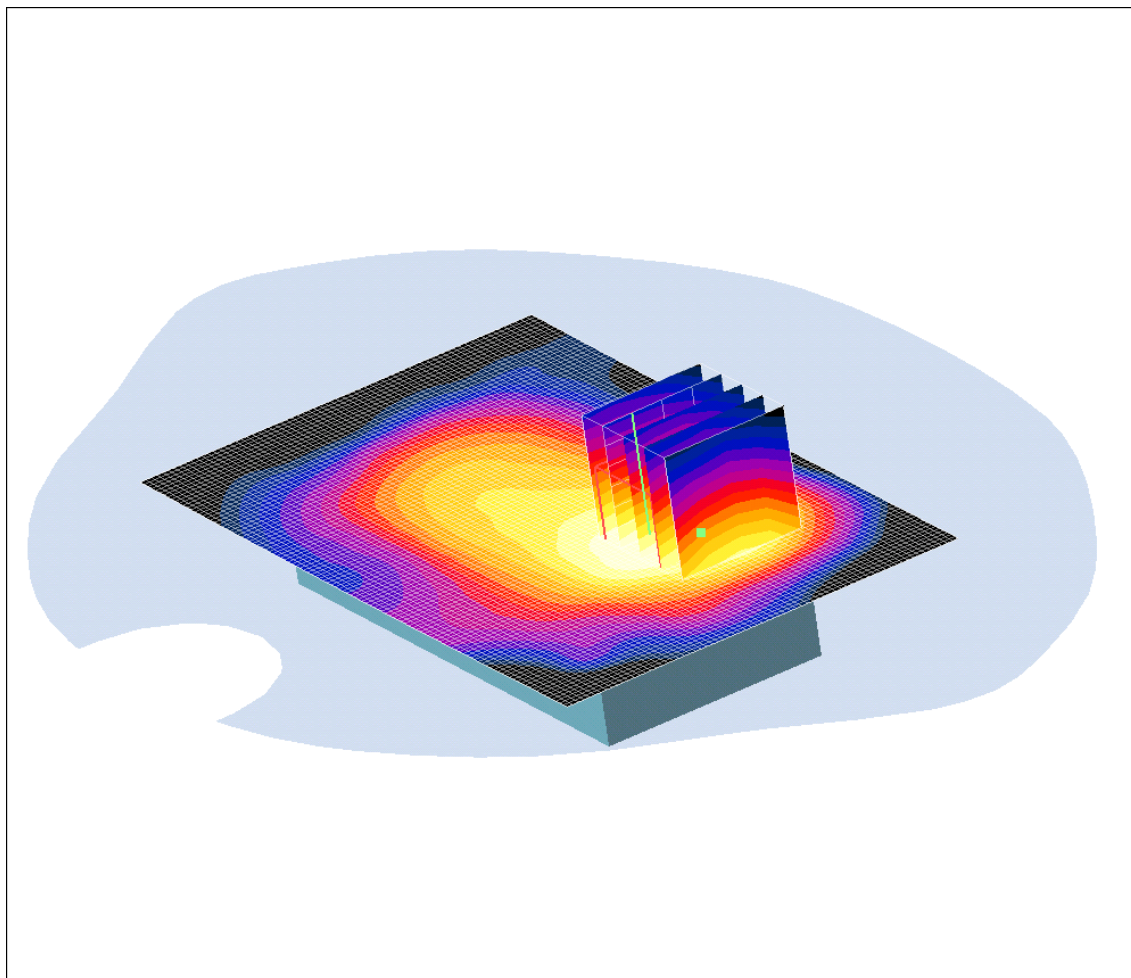
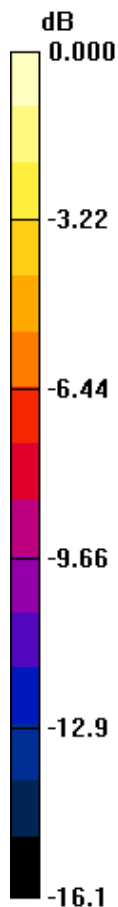
Maximum value of SAR (measured) = 0.434 mW/g

SCN/80763JD01/052: Rear of EUT Facing Phantom EGPRS with PHF CH660

Date 09/02/2011

DUT: Sony Ericsson Mobile Communications Int AB; Type: XPERIA; Serial: CB5A1CGV9F

IMEI:004402142262330



0 dB = 0.414mW/g

Communication System: EGPRS 1900 Class 12; Frequency: 1879.8 MHz; Duty Cycle: 1:2

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1879.8 \text{ MHz}$ ;  $\sigma = 1.56 \text{ mho/m}$ ;  $\epsilon_r = 51$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1583; ConvF(4.68, 4.68, 4.68); Calibrated: 16/11/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 19/04/2010

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Rear of EUT Facing Phantom - Middle/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.449 mW/g

**Rear of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.9 V/m; Power Drift = -0.195 dB

Peak SAR (extrapolated) = 0.554 W/kg

**SAR(1 g) = 0.385 mW/g; SAR(10 g) = 0.247 mW/g**

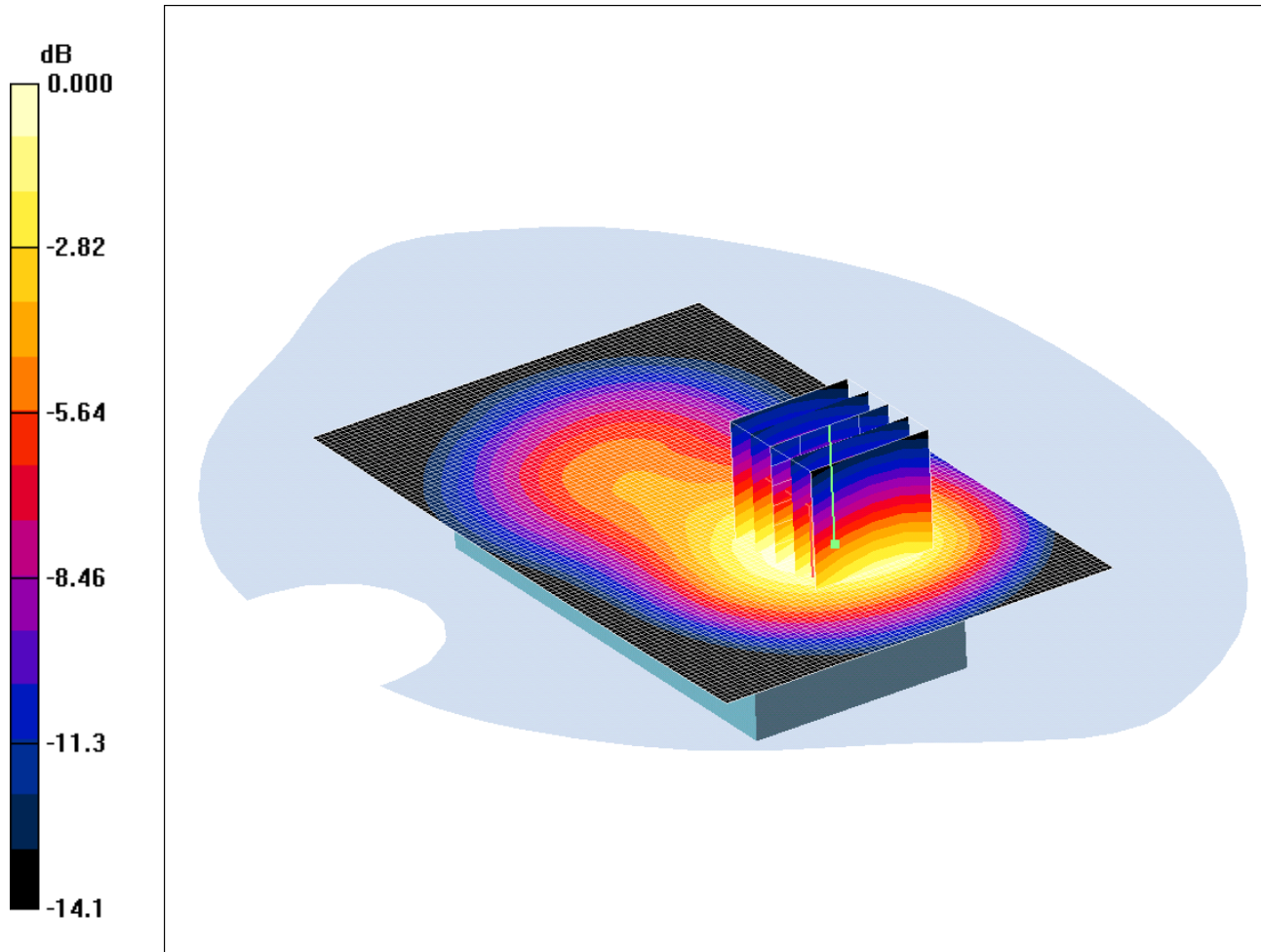
Maximum value of SAR (measured) = 0.414 mW/g

SCN/80763JD01/053: Rear of EUT Facing Phantom PCS CH660

Date 09/02/2011

DUT: Sony Ericsson Mobile Communications Int AB; Type: XPERIA; Serial: CB5A1CGV9F

IMEI:004402142262330



0 dB = 0.359mW/g

Communication System: PCS 1900; Frequency: 1879.8 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1879.8$  MHz;  $\sigma = 1.56$  mho/m;  $\epsilon_r = 51$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1583; ConvF(4.68, 4.68, 4.68); Calibrated: 16/11/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 19/04/2010

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Rear of EUT Facing Phantom - Middle/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.365 mW/g

**Rear of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.0 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 0.473 W/kg

**SAR(1 g) = 0.332 mW/g; SAR(10 g) = 0.213 mW/g**

Maximum value of SAR (measured) = 0.359 mW/g

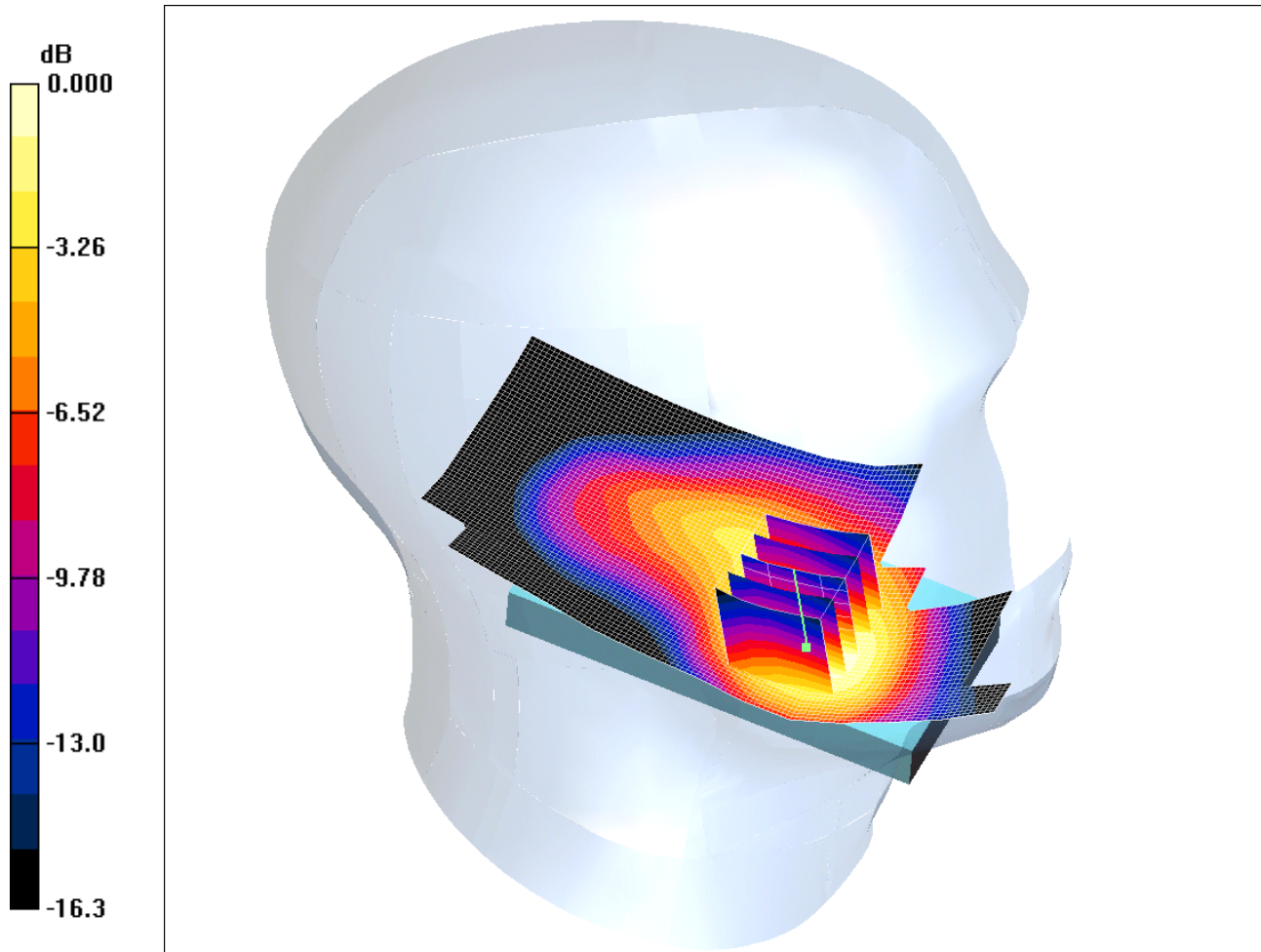


SCN/80763JD01/054: Touch Left FDD II CH9400

Date 15/02/2011

DUT: Sony Ericsson Mobile Communications Int AB; Type: XPERIA; Serial: CB5A1CGV9F

IMEI:004402142262330



0 dB = 1.16mW/g

Communication System: UMTS-FDD II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz HSL Medium parameters used (interpolated):  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.4 \text{ mho/m}$ ;  $\epsilon_r = 40$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1583; ConvF(5.24, 5.24, 5.24); Calibrated: 16/11/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 19/04/2010

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Touch Left - Middle/Area Scan (61x121x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.19 mW/g

**Touch Left - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 11.9 V/m; Power Drift = 0.005 dB

Peak SAR (extrapolated) = 1.71 W/kg

**SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.638 mW/g**

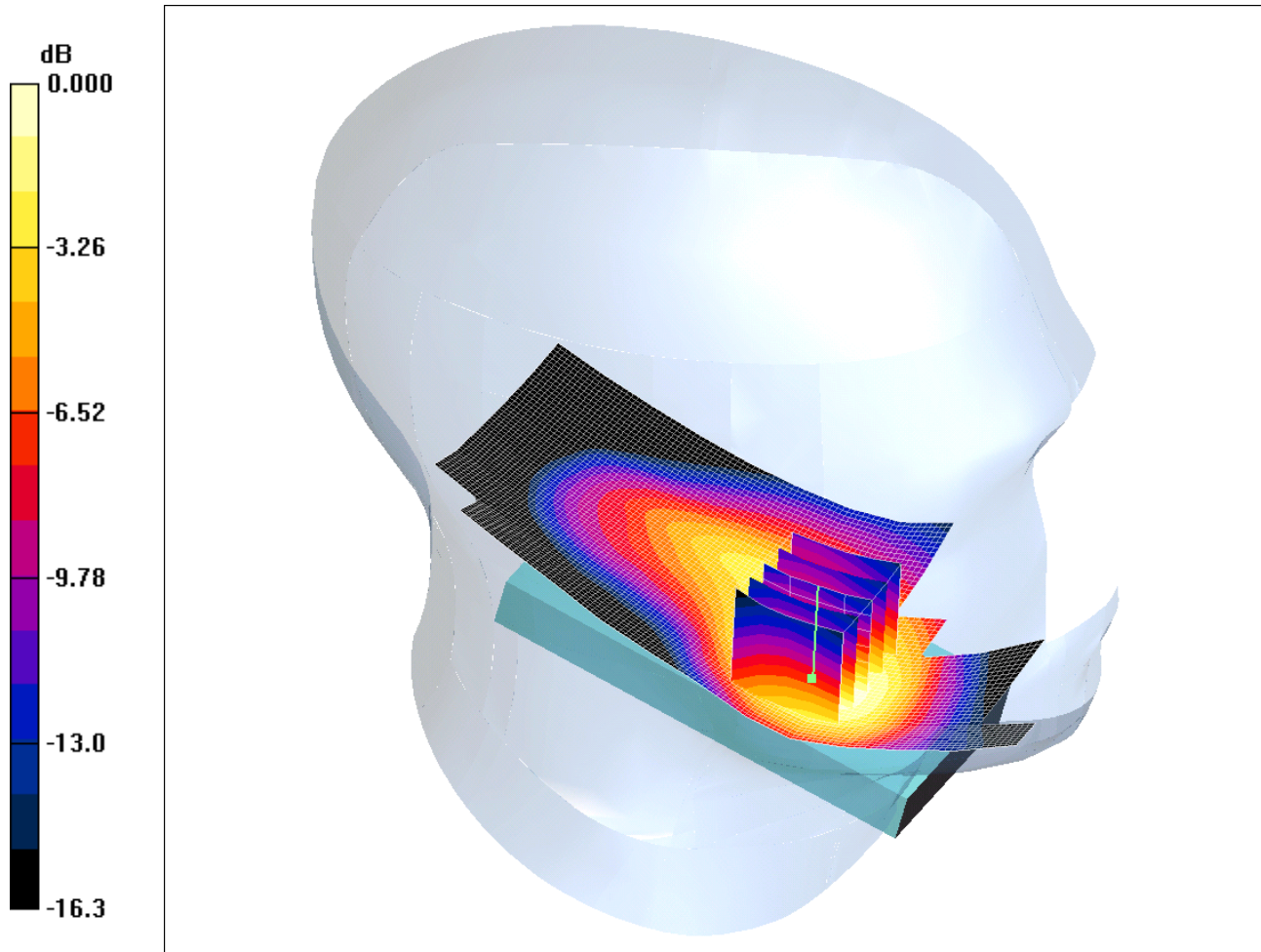
Maximum value of SAR (measured) = 1.16 mW/g

SCN/80763JD01/055: Touch Left FDD II CH9262

Date 15/02/2011

DUT: Sony Ericsson Mobile Communications Int AB; Type: XPERIA; Serial: CB5A1CGV9F

IMEI:004402142262330



0 dB = 1.20mW/g

Communication System: UMTS-FDD II; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: 1900 MHz HSL Medium parameters used (interpolated):  $f = 1852.4 \text{ MHz}$ ;  $\sigma = 1.37 \text{ mho/m}$ ;  $\epsilon_r = 40.1$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1583; ConvF(5.24, 5.24, 5.24); Calibrated: 16/11/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 19/04/2010

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Touch Left - Low/Area Scan (61x121x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.19 mW/g

**Touch Left - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 11.7 V/m; Power Drift = 0.005 dB

Peak SAR (extrapolated) = 1.78 W/kg

**SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.676 mW/g**

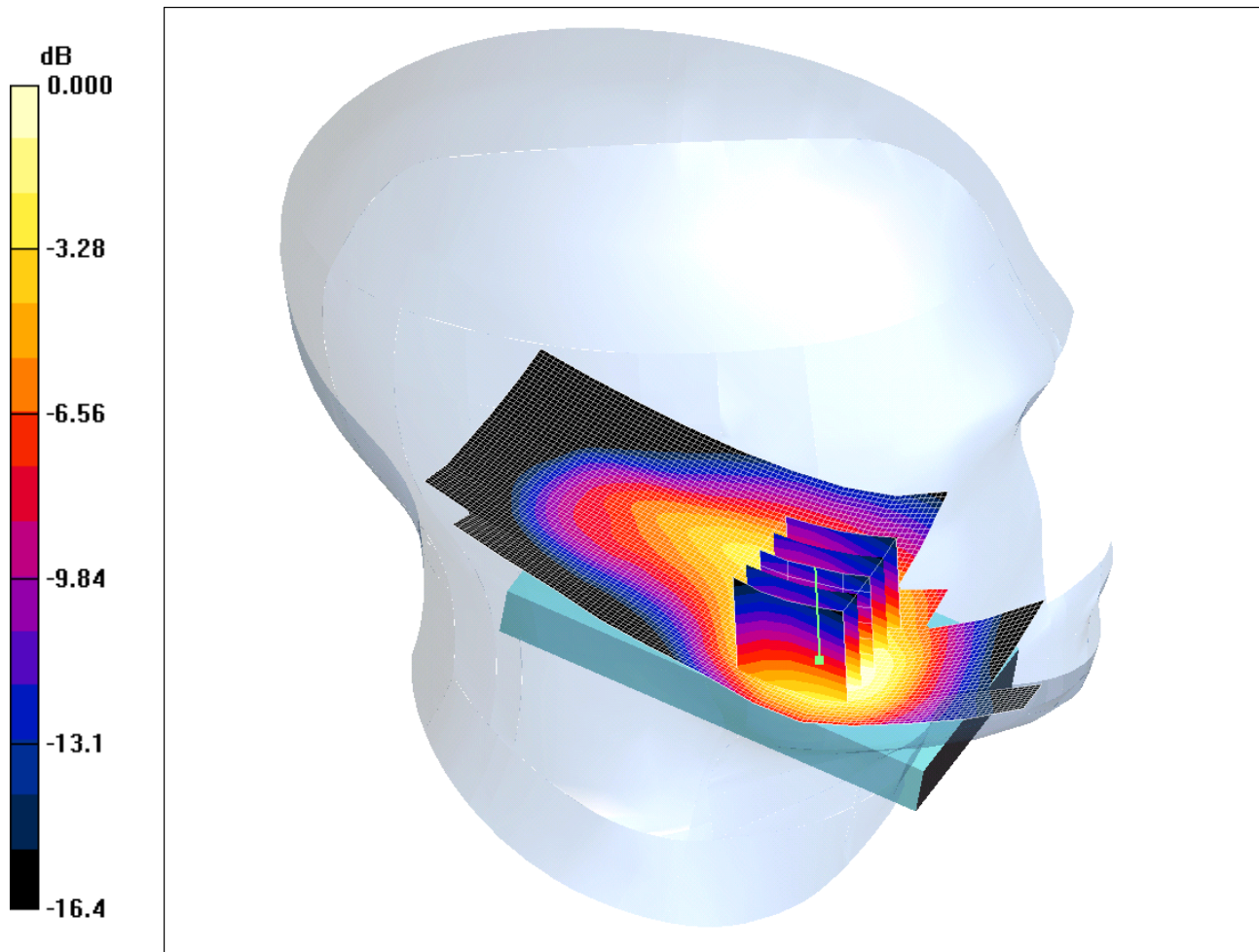
Maximum value of SAR (measured) = 1.20 mW/g

SCN/80763JD01/056: Touch Left FDD II CH9538

Date 15/02/2011

DUT: Sony Ericsson Mobile Communications Int AB; Type: XPERIA; Serial: CB5A1CGV9F

IMEI:004402142262330



0 dB = 1.26mW/g

Communication System: UMTS-FDD II; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: 1900 MHz HSL Medium parameters used (interpolated):  $f = 1907.6 \text{ MHz}$ ;  $\sigma = 1.42 \text{ mho/m}$ ;  $\epsilon_r = 39.9$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1583; ConvF(5.24, 5.24, 5.24); Calibrated: 16/11/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 19/04/2010

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Touch Left - High/Area Scan (61x121x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.28 mW/g

**Touch Left - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 13.0 V/m; Power Drift = -0.285 dB

Peak SAR (extrapolated) = 1.94 W/kg

**SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.692 mW/g**

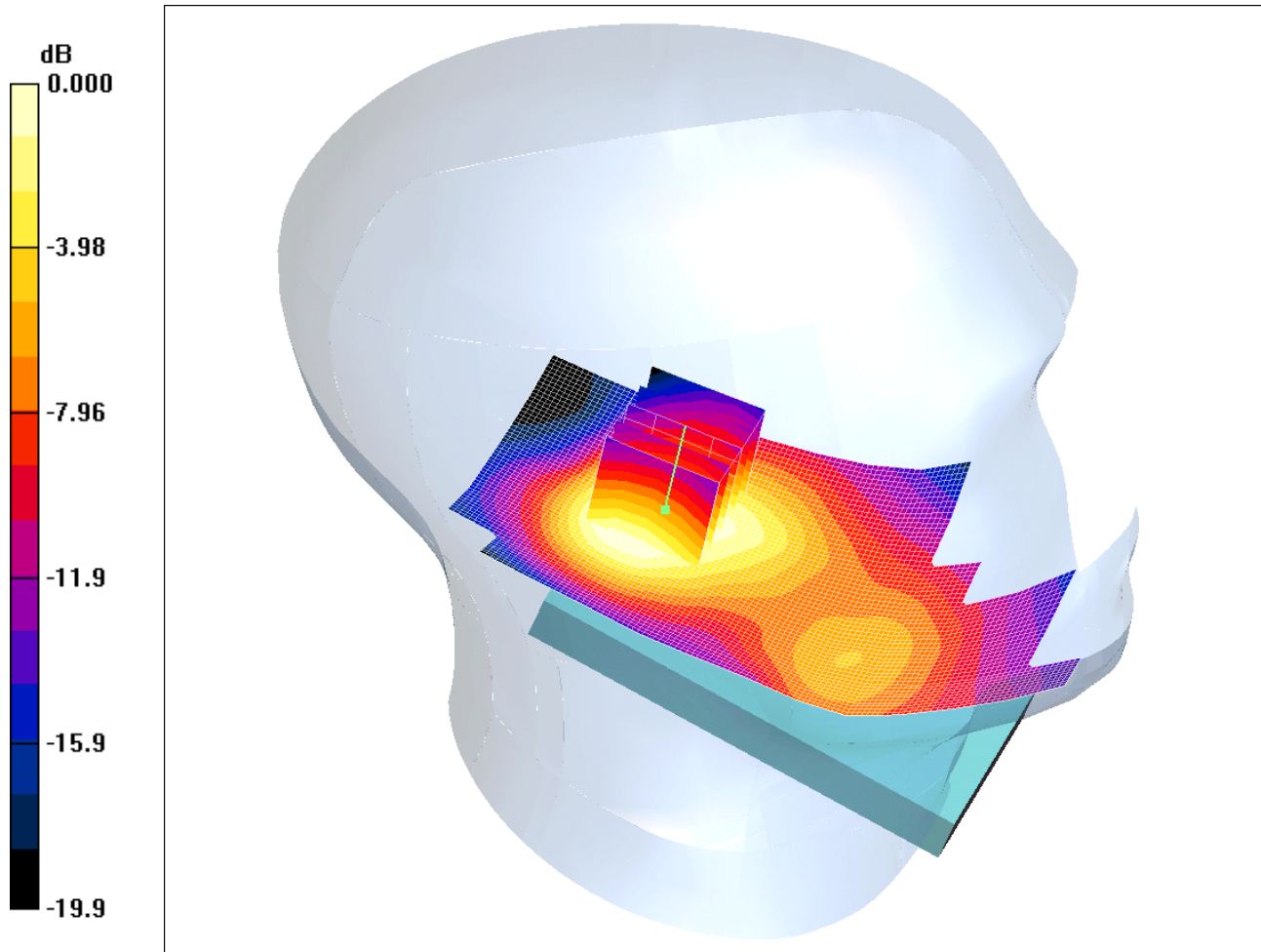
Maximum value of SAR (measured) = 1.26 mW/g

SCN/80763JD01/057: Tilt Left FDD II CH9400

Date 15/02/2011

DUT: Sony Ericsson Mobile Communications Int AB; Type: XPERIA; Serial: CB5A1CGV9F

IMEI:004402142262330



0 dB = 0.497mW/g

Communication System: UMTS-FDD II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz HSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.4$  mho/m;  $\epsilon_r = 40$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1583; ConvF(5.24, 5.24, 5.24); Calibrated: 16/11/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 19/04/2010

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Tilt Left - Middle/Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.580 mW/g

**Tilt Left - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.9 V/m; Power Drift = -0.098 dB

Peak SAR (extrapolated) = 0.707 W/kg

**SAR(1 g) = 0.478 mW/g; SAR(10 g) = 0.304 mW/g**

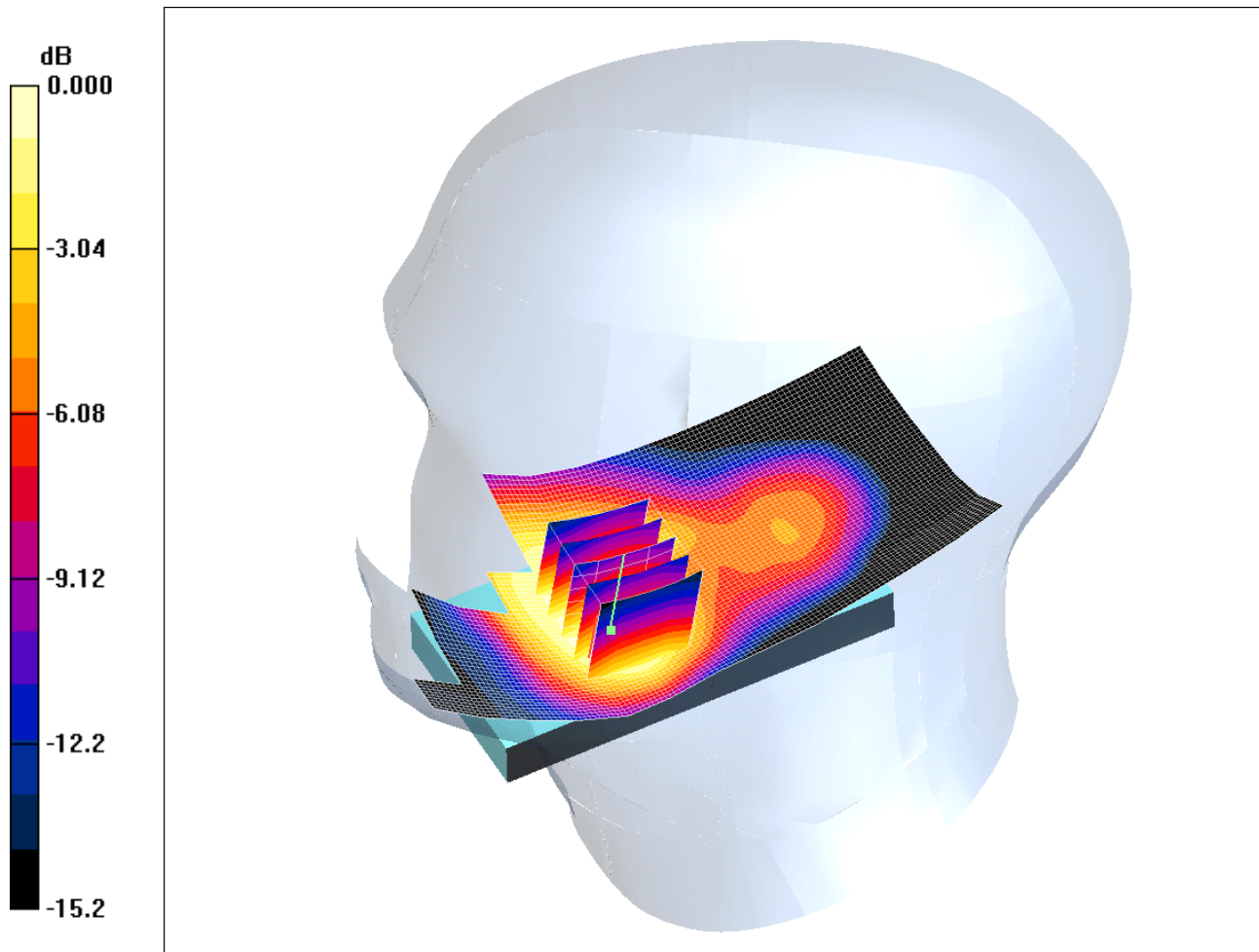
Maximum value of SAR (measured) = 0.497 mW/g

SCN/80763JD01/058: Touch Right FDD II CH9400

Date 15/02/2011

DUT: Sony Ericsson Mobile Communications Int AB; Type: XPERIA; Serial: CB5A1CGV9F

IMEI:004402142262330



0 dB = 0.939mW/g

Communication System: UMTS-FDD II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz HSL Medium parameters used (interpolated):  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.4 \text{ mho/m}$ ;  $\epsilon_r = 40$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1583; ConvF(5.24, 5.24, 5.24); Calibrated: 16/11/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 19/04/2010

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Touch Right - Middle/Area Scan (61x121x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.985 mW/g

**Touch Right - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 14.6 V/m; Power Drift = -0.077 dB

Peak SAR (extrapolated) = 1.14 W/kg

**SAR(1 g) = 0.872 mW/g; SAR(10 g) = 0.580 mW/g**

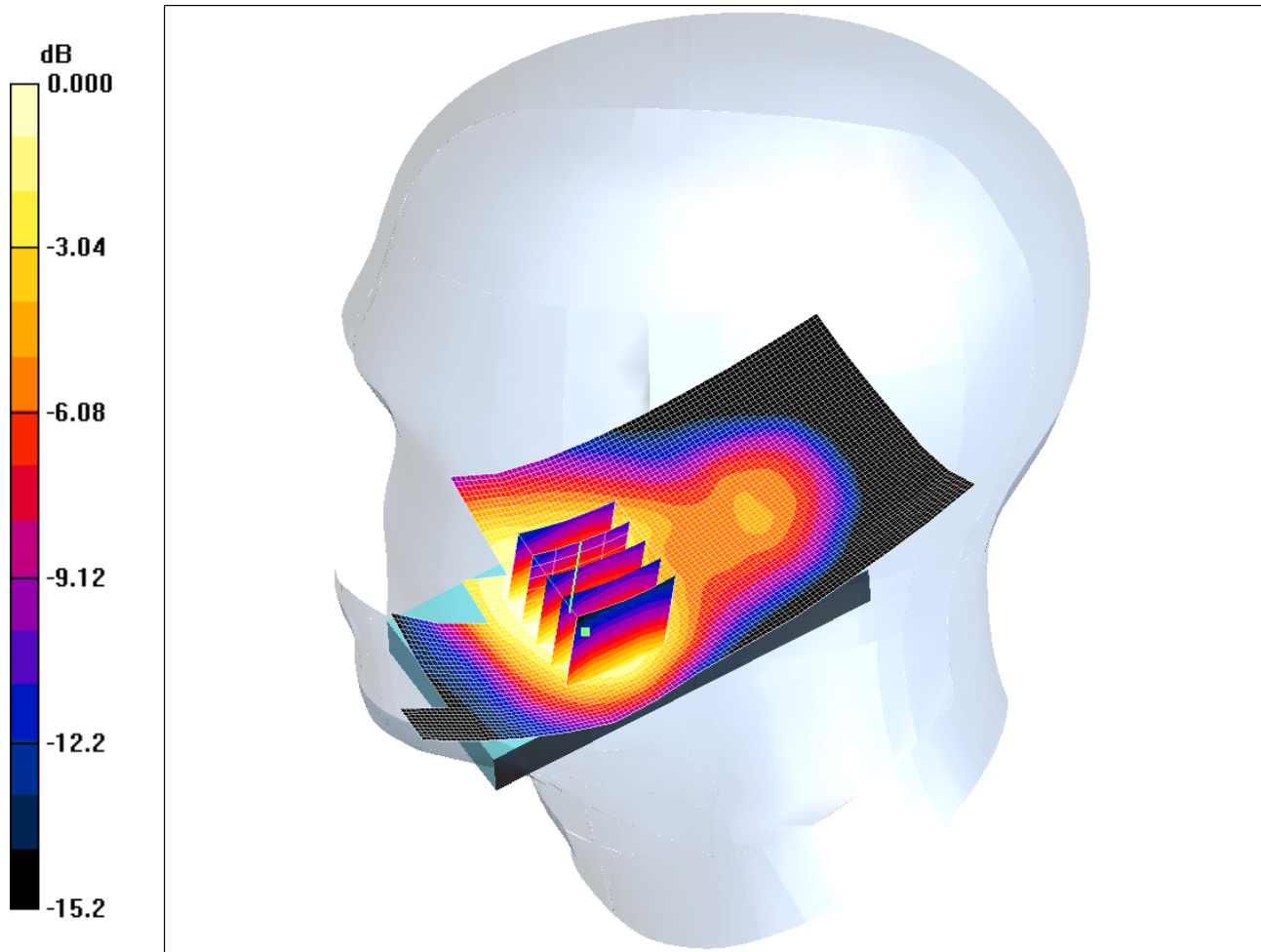
Maximum value of SAR (measured) = 0.939 mW/g

SCN/80763JD01/059: Touch Right FDD II CH9262

Date 15/02/2011

DUT: Sony Ericsson Mobile Communications Int AB; Type: XPERIA; Serial: CB5A1CGV9F

IMEI:004402142262330



0 dB = 0.899mW/g

Communication System: UMTS-FDD II; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: 1900 MHz HSL Medium parameters used (interpolated):  $f = 1852.4 \text{ MHz}$ ;  $\sigma = 1.37 \text{ mho/m}$ ;  $\epsilon_r = 40.1$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1583; ConvF(5.24, 5.24, 5.24); Calibrated: 16/11/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 19/04/2010

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Touch Right - Low/Area Scan (61x121x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.989 mW/g

**Touch Right - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 14.4 V/m; Power Drift = -0.443 dB

Peak SAR (extrapolated) = 1.10 W/kg

**SAR(1 g) = 0.841 mW/g; SAR(10 g) = 0.565 mW/g**

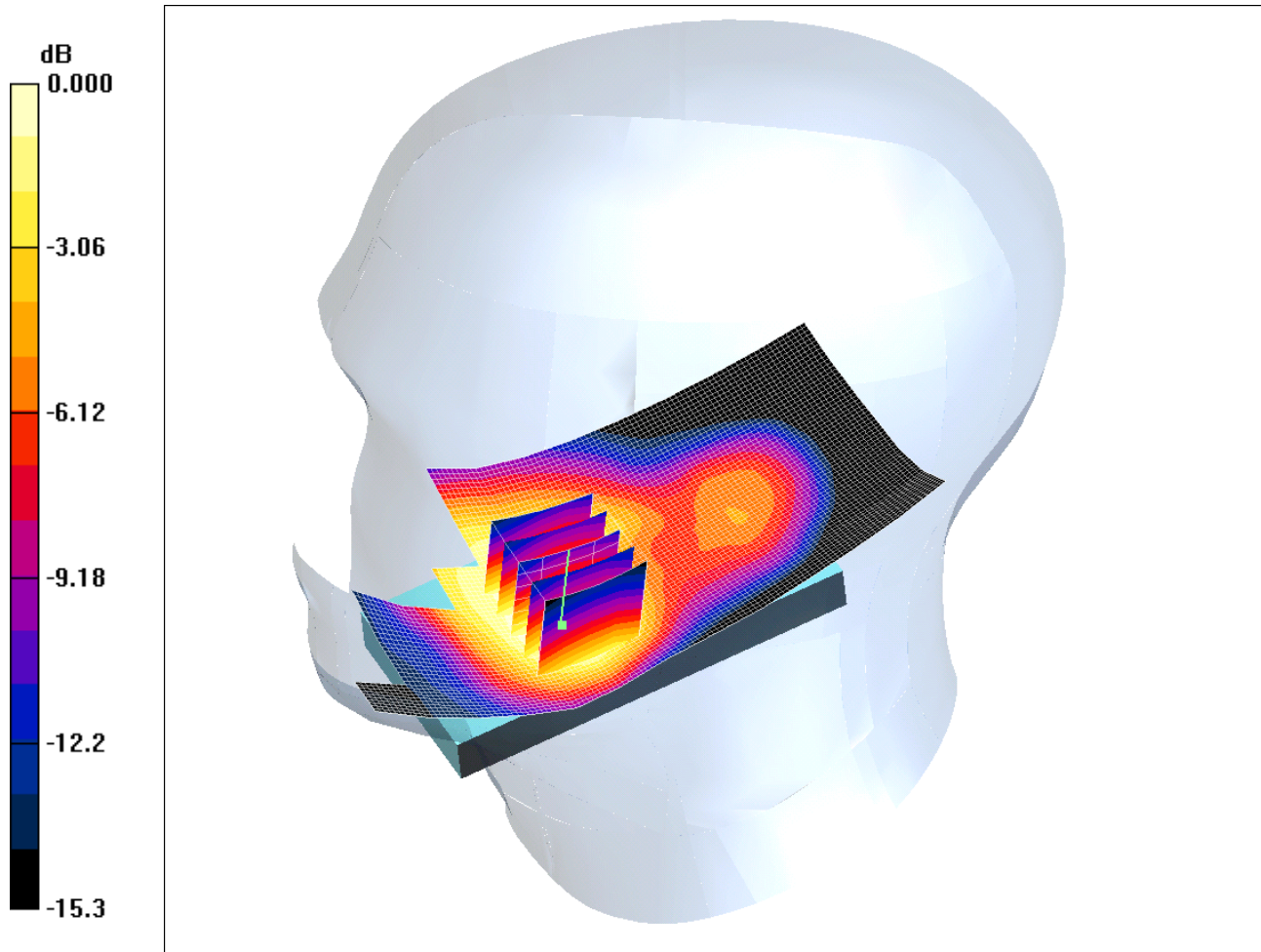
Maximum value of SAR (measured) = 0.899 mW/g

SCN/80763JD01/060: Touch Right FDD II CH9538

Date 15/02/2011

DUT: Sony Ericsson Mobile Communications Int AB; Type: XPERIA; Serial: CB5A1CGV9F

IMEI:004402142262330



0 dB = 0.907mW/g

Communication System: UMTS-FDD II; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: 1900 MHz HSL Medium parameters used (interpolated):  $f = 1907.6 \text{ MHz}$ ;  $\sigma = 1.42 \text{ mho/m}$ ;  $\epsilon_r = 39.9$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1583; ConvF(5.24, 5.24, 5.24); Calibrated: 16/11/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 19/04/2010

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Touch Right - High/Area Scan (61x121x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.943 mW/g

**Touch Right - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 15.4 V/m; Power Drift = -0.054 dB

Peak SAR (extrapolated) = 1.12 W/kg

**SAR(1 g) = 0.835 mW/g; SAR(10 g) = 0.551 mW/g**

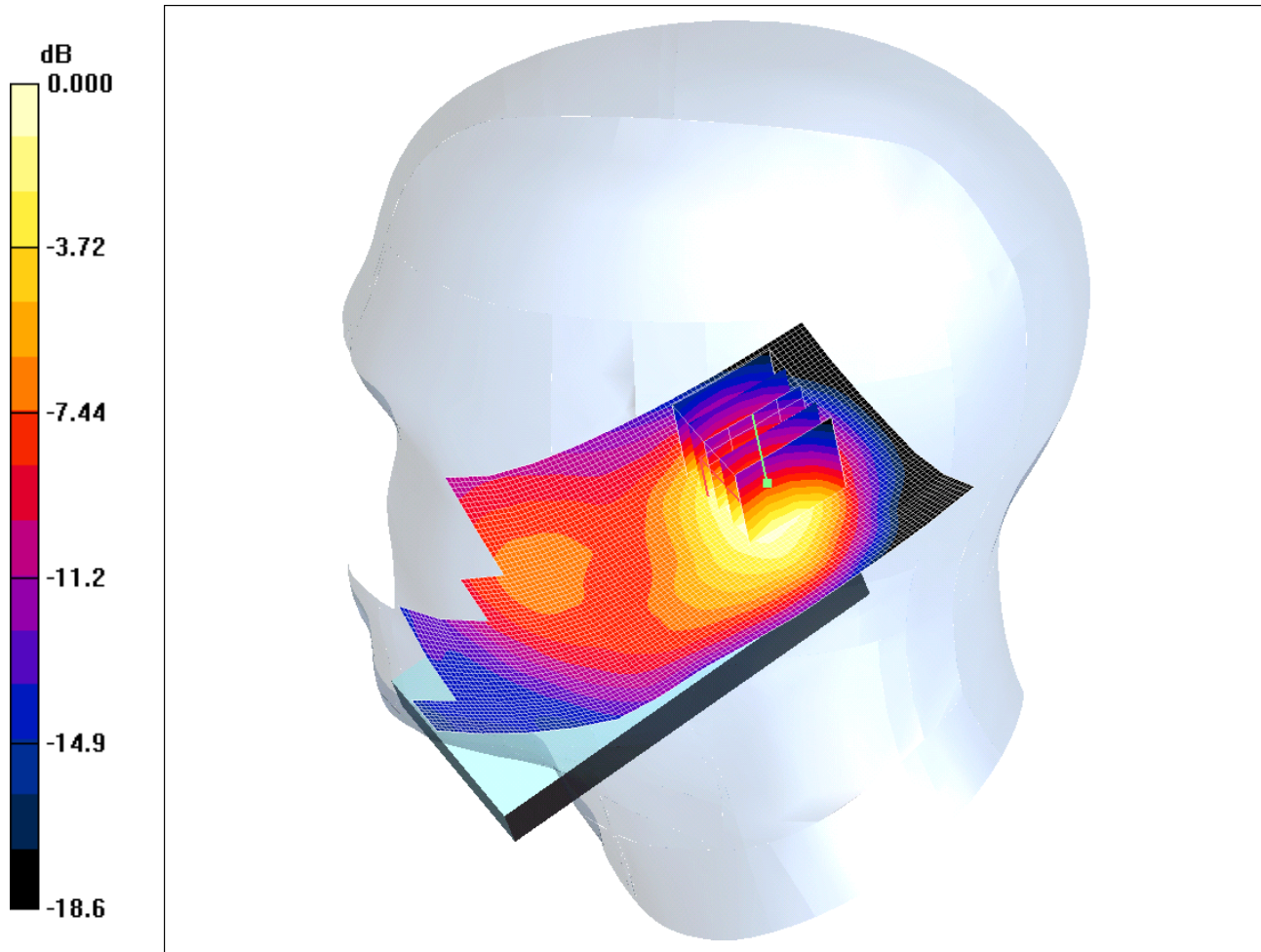
Maximum value of SAR (measured) = 0.907 mW/g

SCN/80763JD01/061: Tilt Right FDD II CH9400

Date 15/02/2011

DUT: Sony Ericsson Mobile Communications Int AB; Type: XPERIA; Serial: CB5A1CGV9F

IMEI:004402142262330



0 dB = 0.591mW/g

Communication System: UMTS-FDD II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz HSL Medium parameters used (interpolated):  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.4 \text{ mho/m}$ ;  $\epsilon_r = 40$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1583; ConvF(5.24, 5.24, 5.24); Calibrated: 16/11/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 19/04/2010

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Tilt Right - Middle/Area Scan (61x121x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.640 mW/g

**Tilt Right - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 22.1 V/m; Power Drift = -0.124 dB

Peak SAR (extrapolated) = 0.797 W/kg

**SAR(1 g) = 0.548 mW/g; SAR(10 g) = 0.327 mW/g**

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

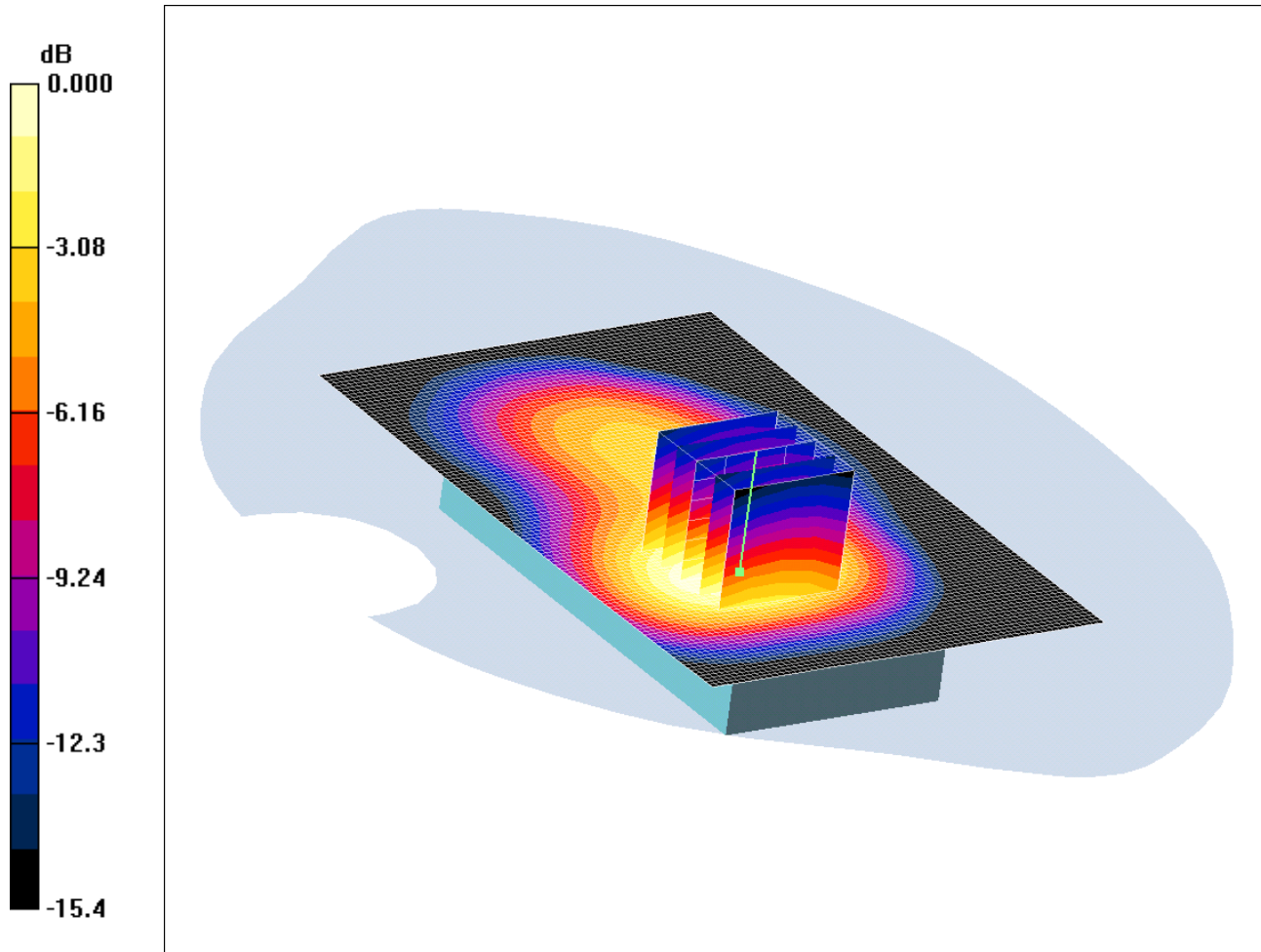


SCN/80763JD01/062: Front of EUT Facing Phantom FDD II CH9400

Date 15/02/2011

DUT: Sony Ericsson Mobile Communications Int AB; Type: XPERIA; Serial: CB5A1CGV9F

IMEI:004402142262330



0 dB = 0.802mW/g

Communication System: UMTS-FDD II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.57 \text{ mho/m}$ ;  $\epsilon_r = 51.4$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1583; ConvF(4.68, 4.68, 4.68); Calibrated: 16/11/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 19/04/2010

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Front of EUT Facing Phantom - Middle/Area Scan (71x111x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.859 mW/g

**Front of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 17.8 V/m; Power Drift = -0.030 dB

Peak SAR (extrapolated) = 1.08 W/kg

**SAR(1 g) = 0.739 mW/g; SAR(10 g) = 0.467 mW/g**

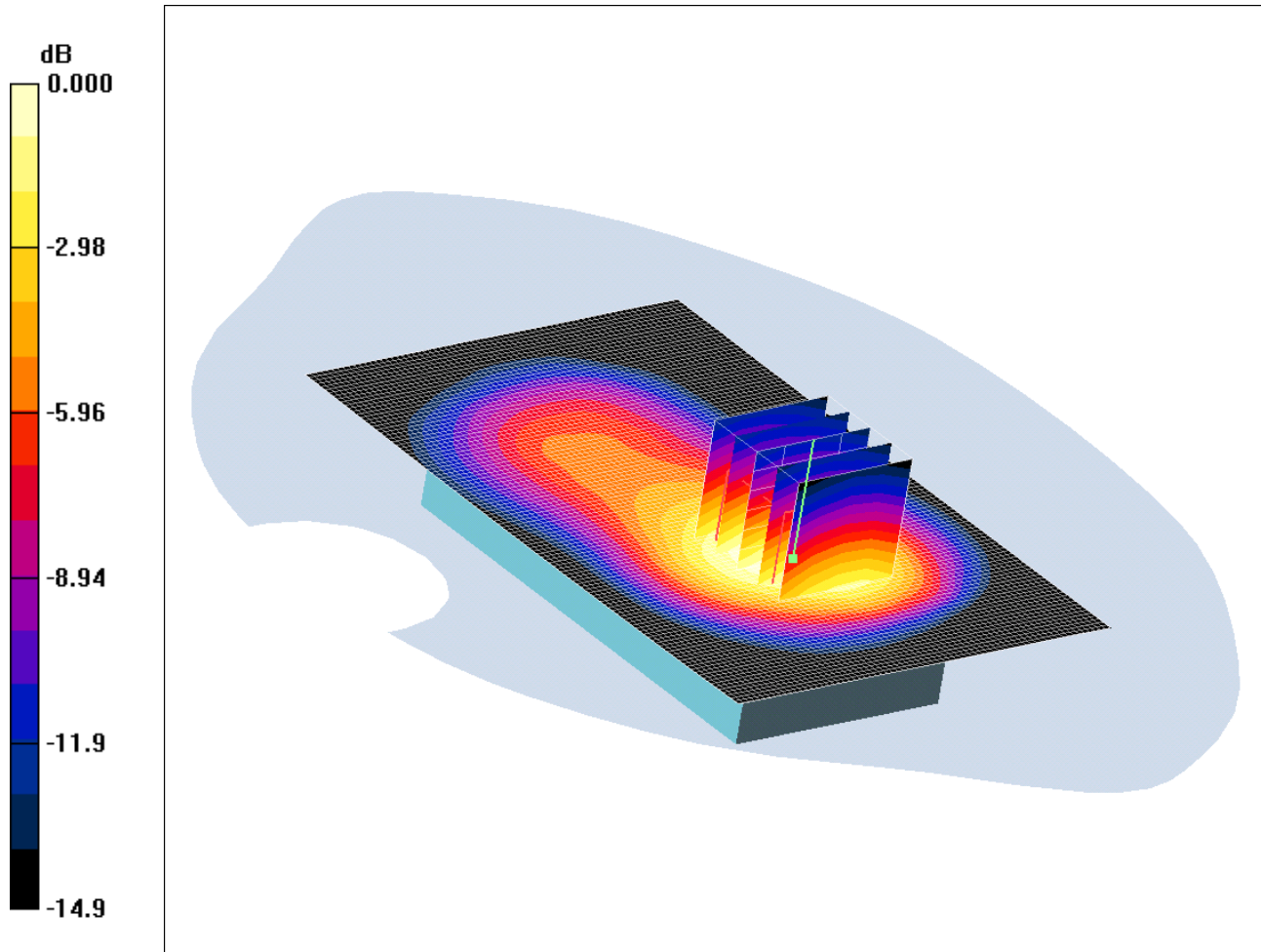
Maximum value of SAR (measured) = 0.802 mW/g

SCN/80763JD01/063: Rear of EUT Facing Phantom FDD II CH9400

Date 15/02/2011

DUT: Sony Ericsson Mobile Communications Int AB; Type: XPERIA; Serial: CB5A1CGV9F

IMEI:004402142262330



0 dB = 1.28mW/g

Communication System: UMTS-FDD II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.57 \text{ mho/m}$ ;  $\epsilon_r = 51.4$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1583; ConvF(4.68, 4.68, 4.68); Calibrated: 16/11/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 19/04/2010

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Rear of EUT Facing Phantom - Middle/Area Scan (71x111x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.30 mW/g

**Rear of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 18.4 V/m; Power Drift = 0.037 dB

Peak SAR (extrapolated) = 1.69 W/kg

**SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.743 mW/g**

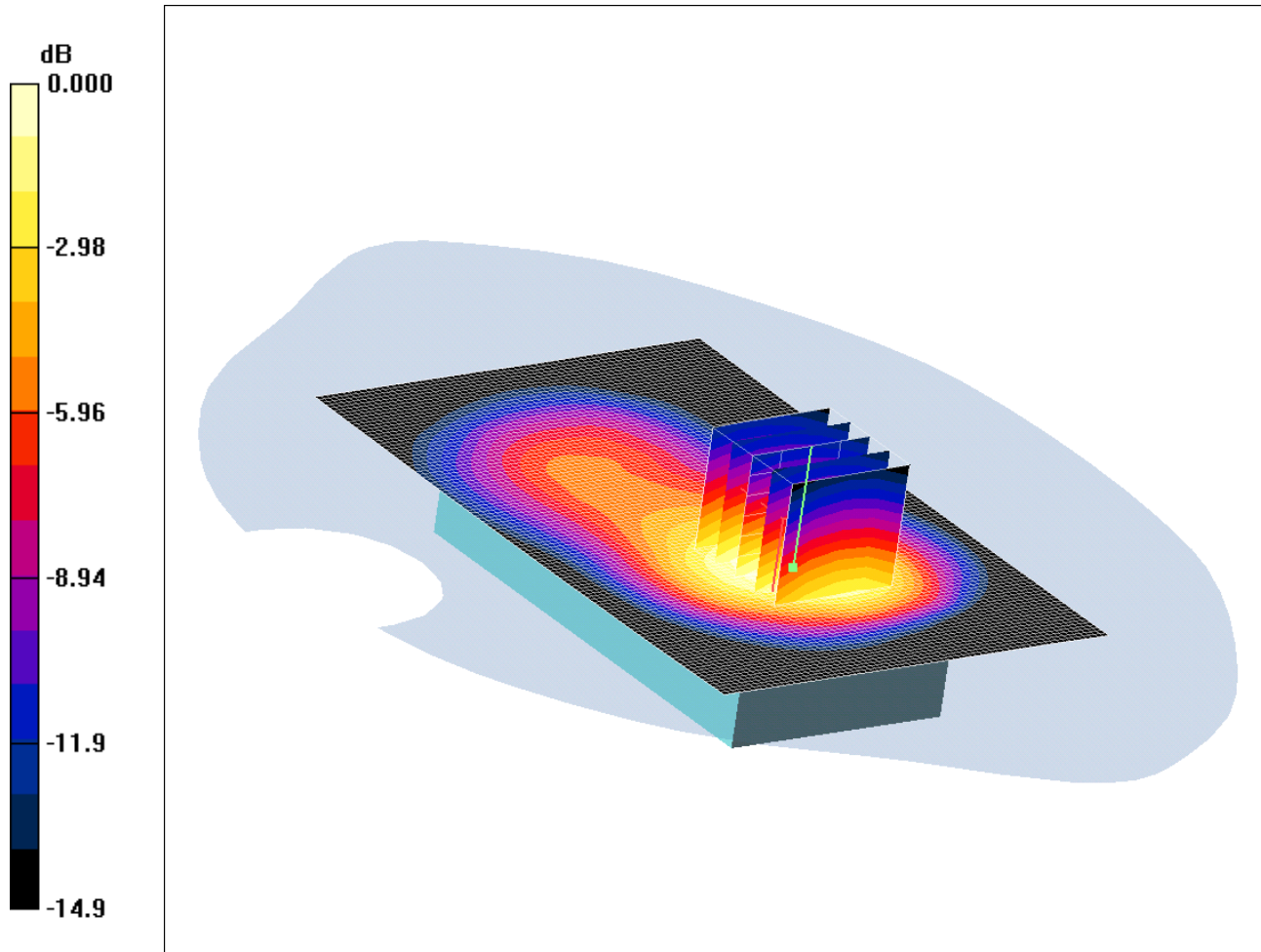
Maximum value of SAR (measured) = 1.28 mW/g

SCN/80763JD01/064: Rear of EUT Facing Phantom FDD II CH9262

Date 15/02/2011

DUT: Sony Ericsson Mobile Communications Int AB; Type: XPERIA; Serial: CB5A1CGV9F

IMEI:004402142262330



0 dB = 1.27mW/g

Communication System: UMTS-FDD II; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1852.4 \text{ MHz}$ ;  $\sigma = 1.54 \text{ mho/m}$ ;  $\epsilon_r = 51.4$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1583; ConvF(4.68, 4.68, 4.68); Calibrated: 16/11/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 19/04/2010

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Rear of EUT Facing Phantom - Low/Area Scan (71x111x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.31 mW/g

**Rear of EUT Facing Phantom - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 17.3 V/m; Power Drift = -0.079 dB

Peak SAR (extrapolated) = 1.67 W/kg

**SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.731 mW/g**

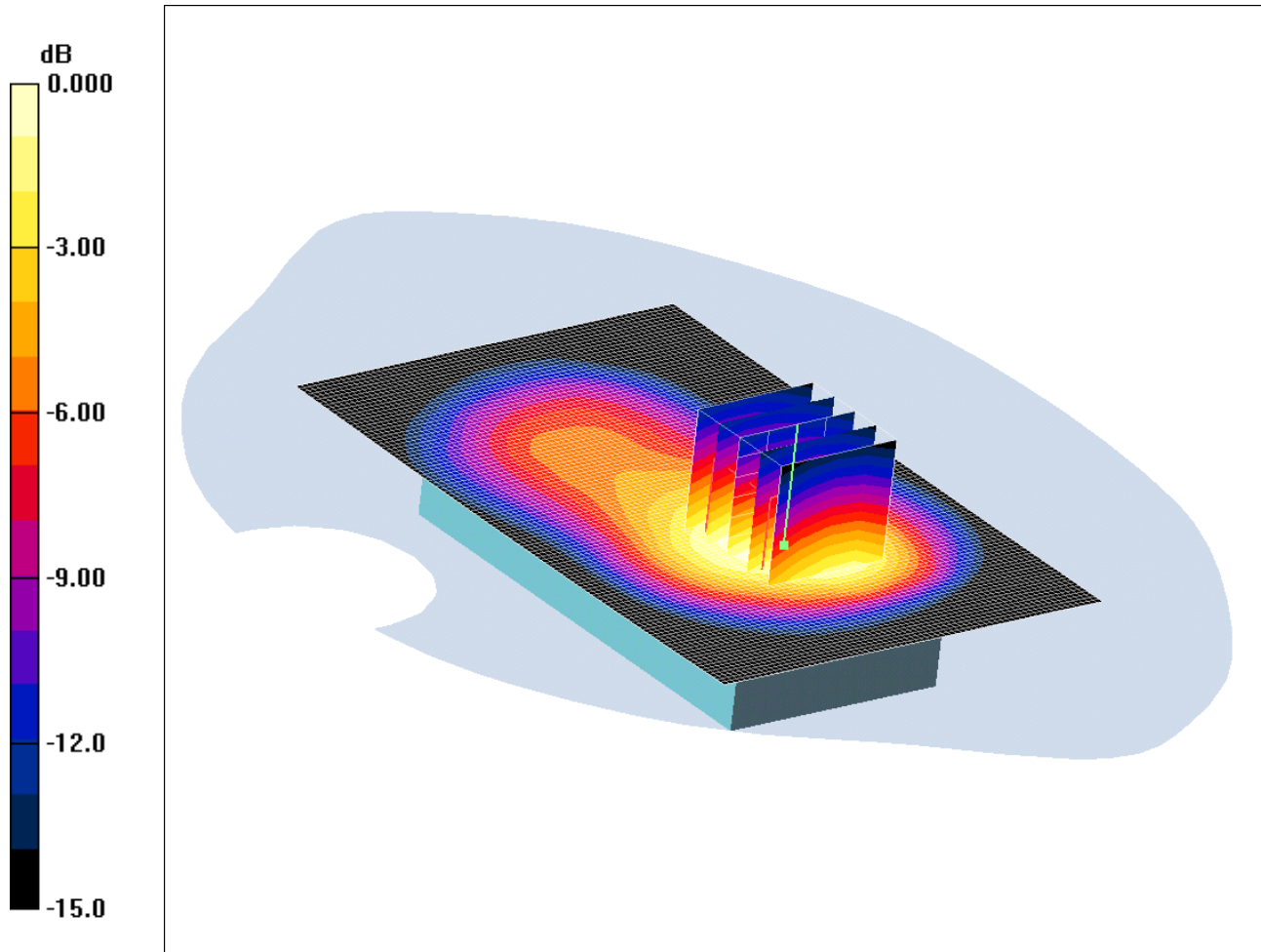
Maximum value of SAR (measured) = 1.27 mW/g

SCN/80763JD01/065: Rear of EUT Facing Phantom FDD II CH9538

Date 15/02/2011

DUT: Sony Ericsson Mobile Communications Int AB; Type: XPERIA; Serial: CB5A1CGV9F

IMEI:004402142262330



0 dB = 1.20mW/g

Communication System: UMTS-FDD II; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1907.6 \text{ MHz}$ ;  $\sigma = 1.59 \text{ mho/m}$ ;  $\epsilon_r = 51.3$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1583; ConvF(4.68, 4.68, 4.68); Calibrated: 16/11/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 19/04/2010

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Rear of EUT Facing Phantom - High/Area Scan (71x111x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.24 mW/g

**Rear of EUT Facing Phantom - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 18.5 V/m; Power Drift = -0.252 dB

Peak SAR (extrapolated) = 1.61 W/kg

**SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.694 mW/g**

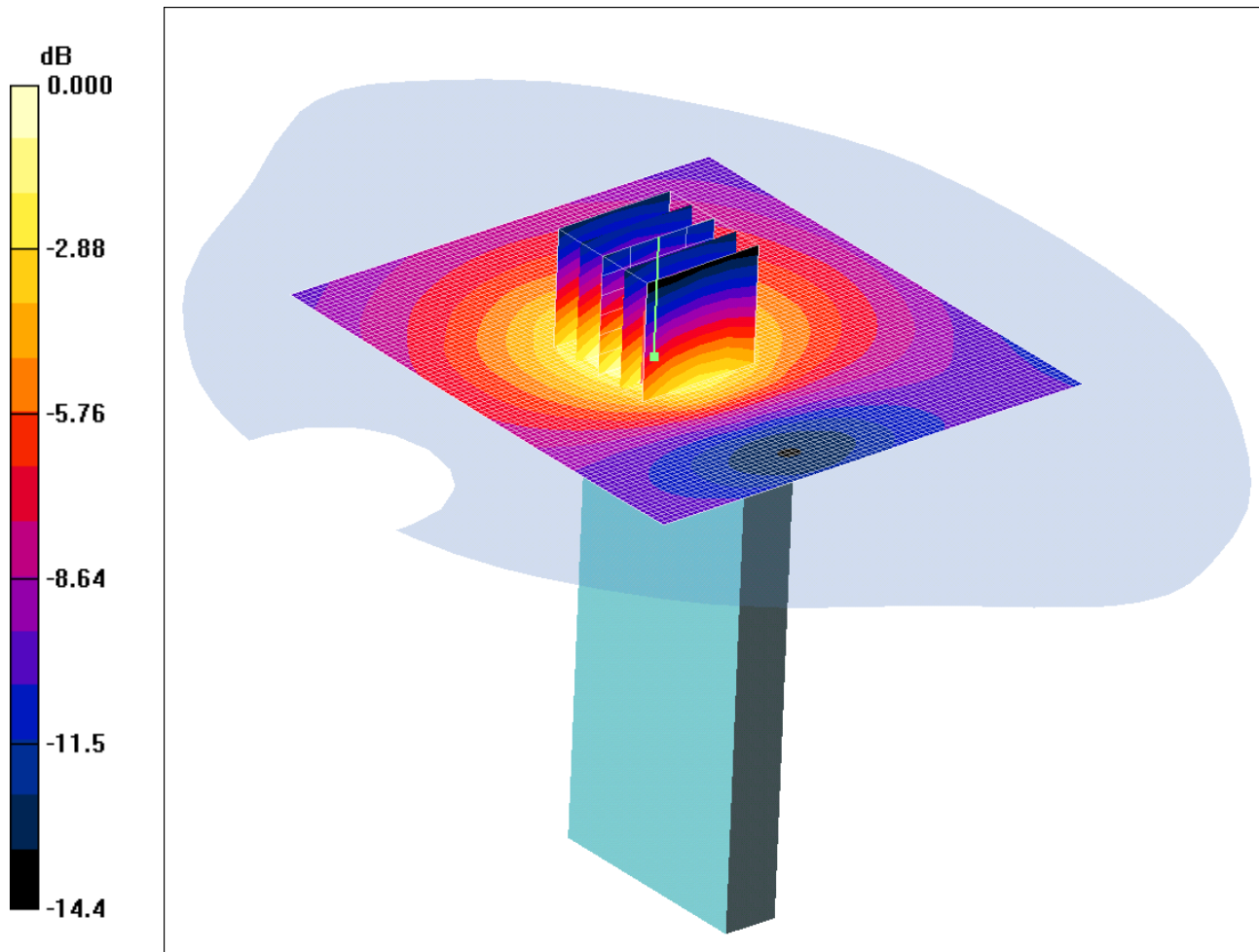
Maximum value of SAR (measured) = 1.20 mW/g

SCN/80763JD01/066: Top of EUT Facing Phantom FDD II CH9400

Date 15/02/2011

DUT: Sony Ericsson Mobile Communications Int AB; Type: XPERIA; Serial: CB5A1CGV9F

IMEI:004402142262330



0 dB = 0.231mW/g

Communication System: UMTS-FDD II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.57 \text{ mho/m}$ ;  $\epsilon_r = 51.4$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1583; ConvF(4.68, 4.68, 4.68); Calibrated: 16/11/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 19/04/2010

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Top of EUT Facing Phantom - Middle/Area Scan (81x91x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.232 mW/g

**Top of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 12.2 V/m; Power Drift = -0.143 dB

Peak SAR (extrapolated) = 0.304 W/kg

**SAR(1 g) = 0.210 mW/g; SAR(10 g) = 0.131 mW/g**

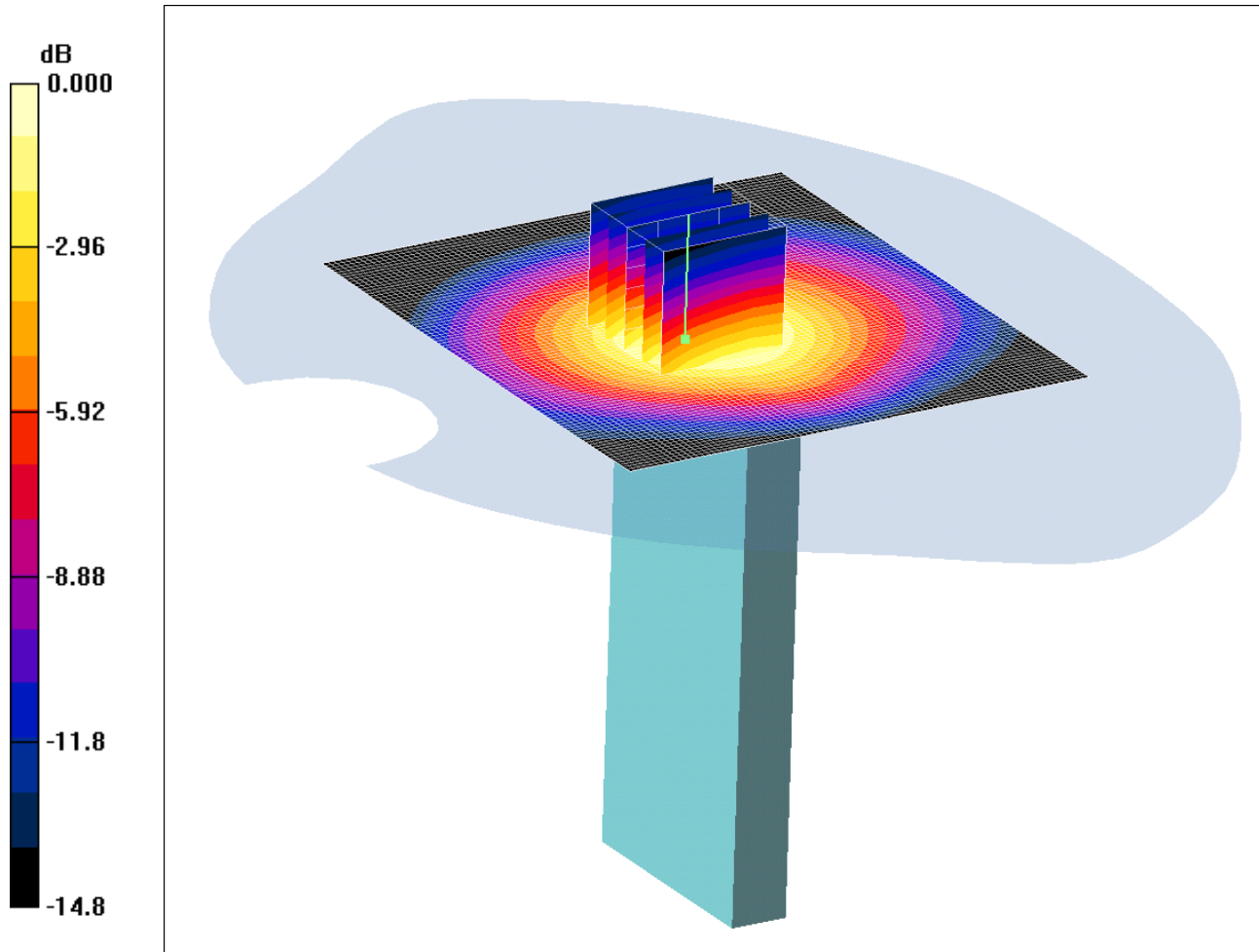
Maximum value of SAR (measured) = 0.231 mW/g

SCN/80763JD01/067: Bottom of EUT Facing Phantom FDD II CH9400

Date 15/02/2011

DUT: Sony Ericsson Mobile Communications Int AB; Type: XPERIA; Serial: CB5A1CGV9F

IMEI:004402142262330



0 dB = 0.432mW/g

Communication System: UMTS-FDD II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.57 \text{ mho/m}$ ;  $\epsilon_r = 51.4$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1583; ConvF(4.68, 4.68, 4.68); Calibrated: 16/11/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 19/04/2010

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Bottom of EUT Facing Phantom - Middle/Area Scan (81x91x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

**Bottom of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 17.4 V/m; Power Drift = 0.096 dB

Peak SAR (extrapolated) = 0.603 W/kg

**SAR(1 g) = 0.393 mW/g; SAR(10 g) = 0.244 mW/g**

Maximum value of SAR (measured) = 0.432 mW/g