

### Appendix 3. SAR Distribution Scans

This appendix contains SAR distribution scans which are not included in the total number of pages for this report.

Scan Reference Number	Title
SCN/81726JD04/001	Touch Left GSM CH190
SCN/81726JD04/002	Tilt Left GSM CH190
SCN/81726JD04/003	Touch Right GSM CH190
SCN/81726JD04/004	Tilt Right GSM CH190
SCN/81726JD04/005	Touch Left GSM CH128
SCN/81726JD04/006	Touch Left GSM CH251
SCN/81726JD04/007	Front of EUT Facing Phantom GPRS CH190
SCN/81726JD04/008	Rear of EUT Facing Phantom GPRS CH190
SCN/81726JD04/009	Rear of EUT Facing Phantom GPRS CH128
SCN/81726JD04/010	Rear of EUT Facing Phantom GPRS CH251
SCN/81726JD04/011	Left Hand Side of EUT Facing Phantom GPRS CH190
SCN/81726JD04/012	Right Hand Side of EUT Facing Phantom GPRS CH190
SCN/81726JD04/013	Top of EUT Facing Phantom GPRS CH190
SCN/81726JD04/014	Rear of EUT Facing Phantom With PHF GPRS CH190
SCN/81726JD04/015	Rear of EUT Facing Phantom EGPRS CH190
SCN/81726JD04/016	Rear of EUT Facing Phantom GSM CH190
SCN/81726JD04/017	Touch Left PCS CH661
SCN/81726JD04/018	Tilt Left PCS CH661
SCN/81726JD04/019	Touch Right PCS CH661
SCN/81726JD04/020	Tilt Right PCS CH661
SCN/81726JD04/021	Tilt Right PCS CH512
SCN/81726JD04/022	Tilt Right PCS CH810
SCN/81726JD04/023	Front of EUT Facing Phantom GPRS CH661
SCN/81726JD04/024	Rear of EUT Facing Phantom GPRS CH661
SCN/81726JD04/025	Left Hand Side of EUT Facing Phantom GPRS CH661
SCN/81726JD04/026	Right Hand Side of EUT Facing Phantom GPRS CH661
SCN/81726JD04/027	Top of EUT Facing Phantom GPRS CH661
SCN/81726JD04/028	Rear of EUT Facing Phantom PCS CH661
SCN/81726JD04/029	Rear of EUT Facing Phantom EGPRS CH661
SCN/81726JD04/030	Rear of EUT Facing Phantom EGPRS CH512
SCN/81726JD04/031	Rear of EUT Facing Phantom EGPRS CH810
SCN/81726JD04/032	Rear of EUT Facing Phantom with PHF EGPRS CH810

**SAR Distribution Scans (continued)**

Scan Reference Number	Title
SCN/81726JD04/033	Touch Left UMTS FDD II CH9400
SCN/81726JD04/034	Tilt Left UMTS FDD II CH9400
SCN/81726JD04/035	Touch Right UMTS FDD II CH9400
SCN/81726JD04/036	Touch Right UMTS FDD II CH9262
SCN/81726JD04/037	Touch Right UMTS FDD II CH9538
SCN/81726JD04/038	Tilt Right UMTS FDD II CH9400
SCN/81726JD04/039	Tilt Right UMTS FDD II CH9262
SCN/81726JD04/040	Tilt Right UMTS FDD II CH9538
SCN/81726JD04/041	Front of EUT Facing Phantom UMTS FDD II CH9400
SCN/81726JD04/042	Rear of EUT Facing Phantom UMTS FDD II CH9400
SCN/81726JD04/043	Left Hand Side of EUT Facing Phantom UMTS FDD II CH9400
SCN/81726JD04/044	Right Hand Side of EUT Facing Phantom UMTS FDD II CH9400
SCN/81726JD04/045	Top of EUT Facing Phantom UMTS FDD II CH9400
SCN/81726JD04/046	Rear of EUT Facing Phantom UMTS FDD II + HSDPA CH9400
SCN/81726JD04/047	Rear of EUT Facing Phantom UMTS FDD II + HSPA CH9262
SCN/81726JD04/048	Rear of EUT Facing Phantom UMTS FDD II + HSPA CH9400
SCN/81726JD04/049	Rear of EUT Facing Phantom UMTS FDD II + HSPA CH9538
SCN/81726JD04/050	Rear of EUT Facing Phantom UMTS FDD II CH9262
SCN/81726JD04/051	Rear of EUT Facing Phantom UMTS FDD II CH 9538
SCN/81726JD04/052	Rear of EUT Facing Phantom With PHF UMTS FDD II CH9262
SCN/81726JD04/053	Rear of EUT Facing Phantom UMTS FDD II CH9262
SCN/81726JD04/054	Rear of EUT Facing Phantom UMTS FDD II CH9400
SCN/81726JD04/055	Rear of EUT Facing Phantom UMTS FDD II CH9538
SCN/81726JD04/056	Touch Left UMTS FDD V CH4183
SCN/81726JD04/057	Tilt Left UMTS FDD V CH4183
SCN/81726JD04/058	Touch Right UMTS FDD V CH4183
SCN/81726JD04/059	Tilt Right UMTS FDD V CH4183
SCN/81726JD04/060	Touch Right UMTS FDD V CH4132
SCN/81726JD04/061	Touch Right UMTS FDD V CH4233
SCN/81726JD04/062	Front of EUT Facing Phantom UMTS FDD V CH4183
SCN/81726JD04/063	Rear of EUT Facing Phantom UMTS FDD V CH4183
SCN/81726JD04/064	Rear of EUT Facing Phantom UMTS FDD V CH4132
SCN/81726JD04/065	Rear of EUT Facing Phantom UMTS FDD V CH4233
SCN/81726JD04/066	Left Hand Side of EUT Facing Phantom UMTS FDD V CH4183
SCN/81726JD04/067	Right Hand Side of EUT Facing Phantom UMTS FDD V CH4183
SCN/81726JD04/068	Top of EUT Facing Phantom UMTS FDD V CH4183
SCN/81726JD04/069	Rear of EUT Facing Phantom UMTS FDD V + HSDPA CH4183

**SAR Distribution Scans (continued)**

Scan Reference Number	Title
SCN/81726JD04/070	Rear of EUT Facing Phantom UMTS FDD V + HSPA CH4183
SCN/81726JD04/071	Rear of EUT Facing Phantom with PHF UMTS FDD V CH4132
SCN/81726JD04/072	Rear of EUT Facing Phantom UMTS FDD V CH4132
SCN/81726JD04/073	Rear of EUT Facing Phantom UMTS FDD V CH4183
SCN/81726JD04/074	Rear of EUT Facing Phantom UMTS FDD V CH4233
SCN/81726JD04/075	Touch Left WLAN 802.11b 1 Mbps CH6
SCN/81726JD04/076	Tilt Left WLAN 802.11b 1 Mbps CH6
SCN/81726JD04/077	Touch Right WLAN 802.11b 1 Mbps CH6
SCN/81726JD04/078	Tilt Right WLAN 802.11b 1 Mbps CH6
SCN/81726JD04/079	Touch Right WLAN 802.11b 1 Mbps CH1
SCN/81726JD04/080	Touch Right WLAN 802.11b 1 Mbps CH11
SCN/81726JD04/081	Touch Right WLAN 802.11g 6 Mbps CH6
SCN/81726JD04/082	Touch Right WLAN 802.11n 6.5 Mbps CH6
SCN/81726JD04/083	Front of EUT Facing Phantom WLAN 802.11b 1 Mbps CH6
SCN/81726JD04/084	Rear of EUT Facing Phantom WLAN 802.11b 1 Mbps CH6
SCN/81726JD04/085	Left Hand Side of EUT Facing Phantom WLAN 802.11b 1 Mbps CH6
SCN/81726JD04/086	Right Hand Side of EUT Facing Phantom WLAN 802.11b 1 Mbps CH6
SCN/81726JD04/087	Base of EUT Facing Phantom WLAN 802.11b 1 Mbps CH6
SCN/81726JD04/088	Rear of EUT Facing Phantom WLAN 802.11g 6 Mbps CH6
SCN/81726JD04/089	Rear of EUT Facing Phantom WLAN 802.11n 6.5 Mbps CH6
SCN/81726JD04/090	Rear of EUT Facing Phantom WLAN 802.11b 1 Mbps CH1
SCN/81726JD04/091	Rear of EUT Facing Phantom WLAN 802.11b 1 Mbps CH11
SCN/81726JD04/092	Rear of EUT Facing Phantom with PHF WLAN 802.11b 1 Mbps CH6
SCN/81726JD04/093	Rear of EUT Facing Phantom - SAR to Peak Location Separation Ratio of Simultaneous Transmitting Antenna Pair
SCN/81726JD04/094	System Performance Check 900MHz Head 02 06 11
SCN/81726JD04/095	System Performance Check 900MHz Head 14 06 11
SCN/81726JD04/096	System Performance Check 900MHz Body 25 05 11
SCN/81726JD04/097	System Performance Check 900MHz Body 03 06 11
SCN/81726JD04/098	System Performance Check 900MHz Body 14 06 11
SCN/81726JD04/099	System Performance Check 900MHz Body 30 06 11
SCN/81726JD04/100	System Performance Check 1900MHz Head 07 06 11
SCN/81726JD04/101	System Performance Check 1900MHz Head 13 06 11
SCN/81726JD04/102	System Performance Check 1900MHz Body 26 05 11
SCN/81726JD04/103	System Performance Check 1900MHz Body 07 06 11
SCN/81726JD04/104	System Performance Check 1900MHz Body 10 06 11
SCN/81726JD04/105	System Performance Check 1900MHz Body 11 06 11
SCN/81726JD04/106	System Performance Check 1900MHz Body 14 06 11

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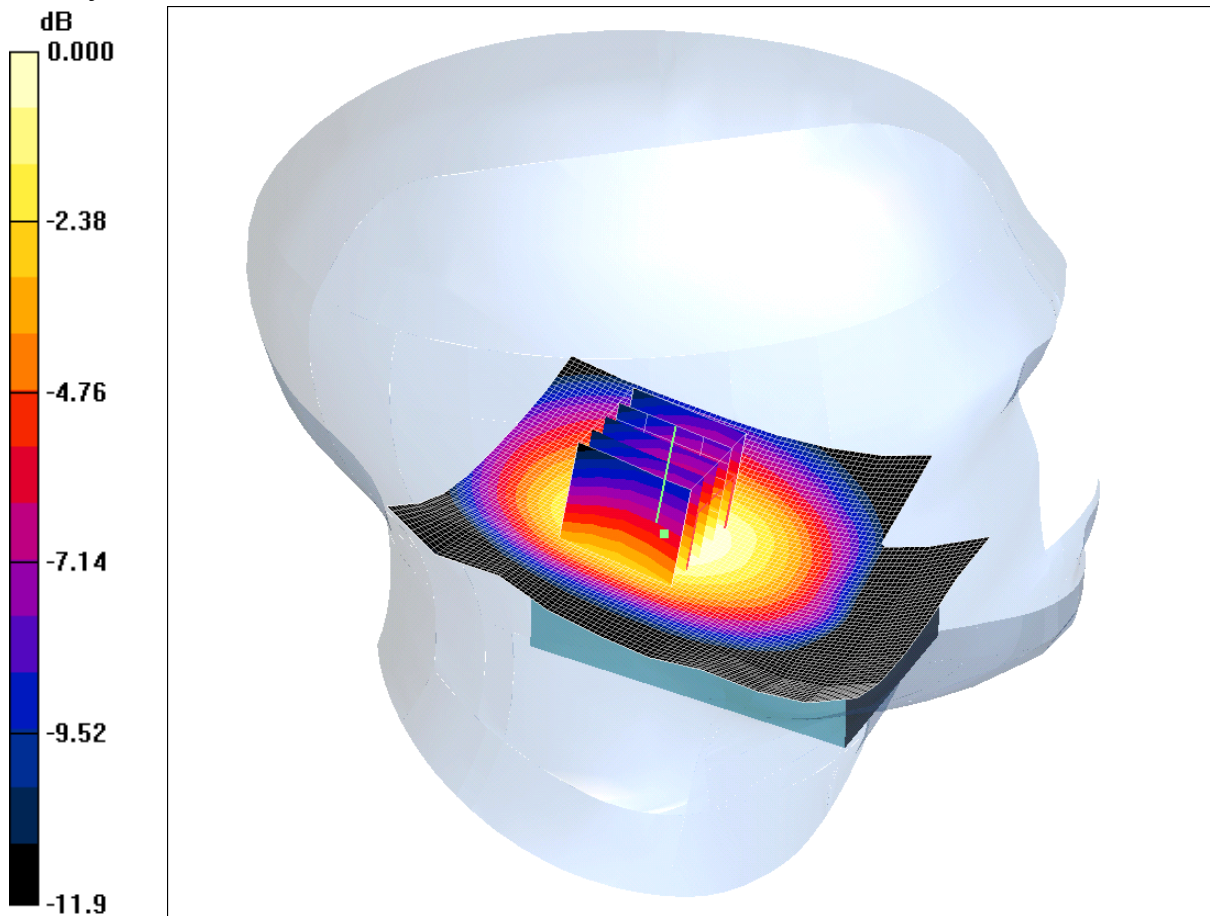
**SAR Distribution Scans (continued)**

Scan Reference Number	Title
SCN/81726JD04/107	System Performance Check 1900MHz Body 30 06 11
SCN/81726JD04/108	System Performance Check 2450MHz Head 09 06 11
SCN/81726JD04/109	System Performance Check 2450MHz Body 09 06 11
SCN/81726JD04/110	System Performance Check 2450MHz Body 15 06 11

SCN/81726JD04/001: Touch Left GSM CH190

Date 02/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.516mW/g

Communication System: 850 MHz; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.915$  mho/m;  $\epsilon_r = 42.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3508; ConvF(10.73, 10.73, 10.73); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 (71x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.535 mW/g

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

Reference Value = 22.3 V/m; Power Drift = -0.095 dB

Peak SAR (extrapolated) = 0.679 W/kg

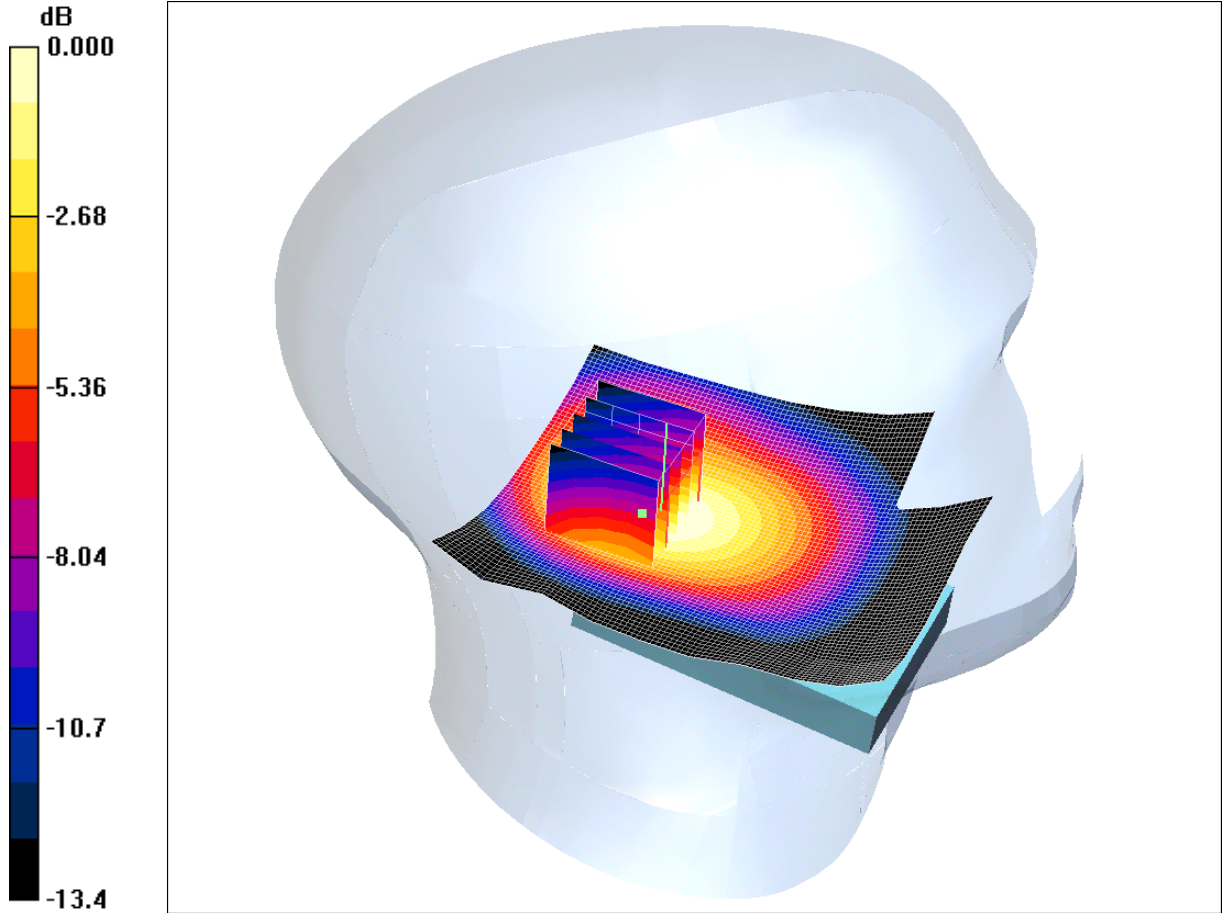
**SAR(1 g) = 0.494 mW/g; SAR(10 g) = 0.341 mW/g**

Maximum value of SAR (measured) = 0.516 mW/g

SCN/81726JD04/002: Tilt Left GSM CH190

Date 02/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.384mW/g

Communication System: 850 MHz; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.915$  mho/m;  $\epsilon_r = 42.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3508; ConvF(10.73, 10.73, 10.73); Calibrated: 15/02/2011

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

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- 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 (71x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.395 mW/g

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

Reference Value = 20.7 V/m; Power Drift = -0.090 dB

Peak SAR (extrapolated) = 0.568 W/kg

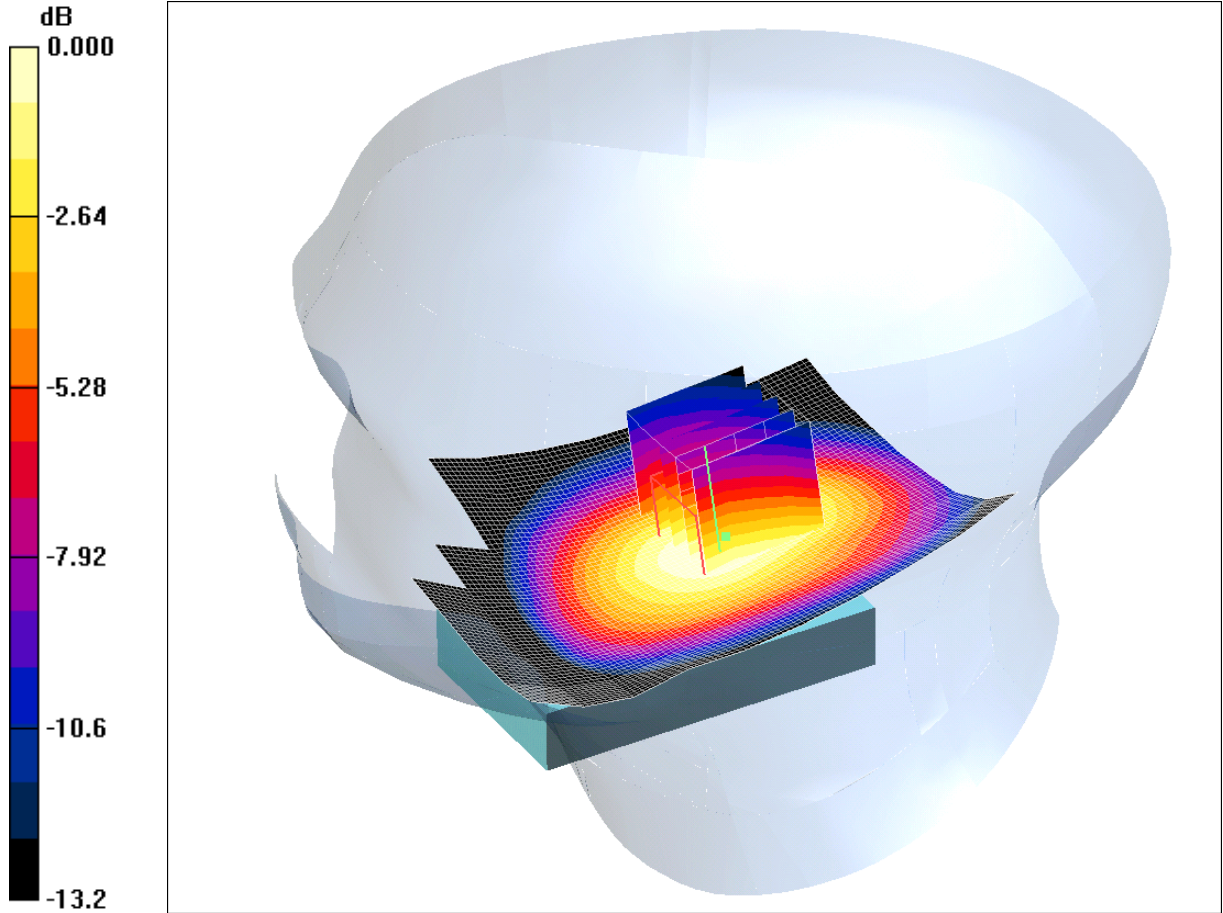
**SAR(1 g) = 0.361 mW/g; SAR(10 g) = 0.231 mW/g**

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

SCN/81726JD04/003: Touch Right GSM CH190

Date 02/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.522mW/g

Communication System: 850 MHz; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.915$  mho/m;  $\epsilon_r = 42.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3508; ConvF(10.73, 10.73, 10.73); Calibrated: 15/02/2011

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

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- 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 (71x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.549 mW/g

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

Reference Value = 22.2 V/m; Power Drift = -0.079 dB

Peak SAR (extrapolated) = 0.683 W/kg

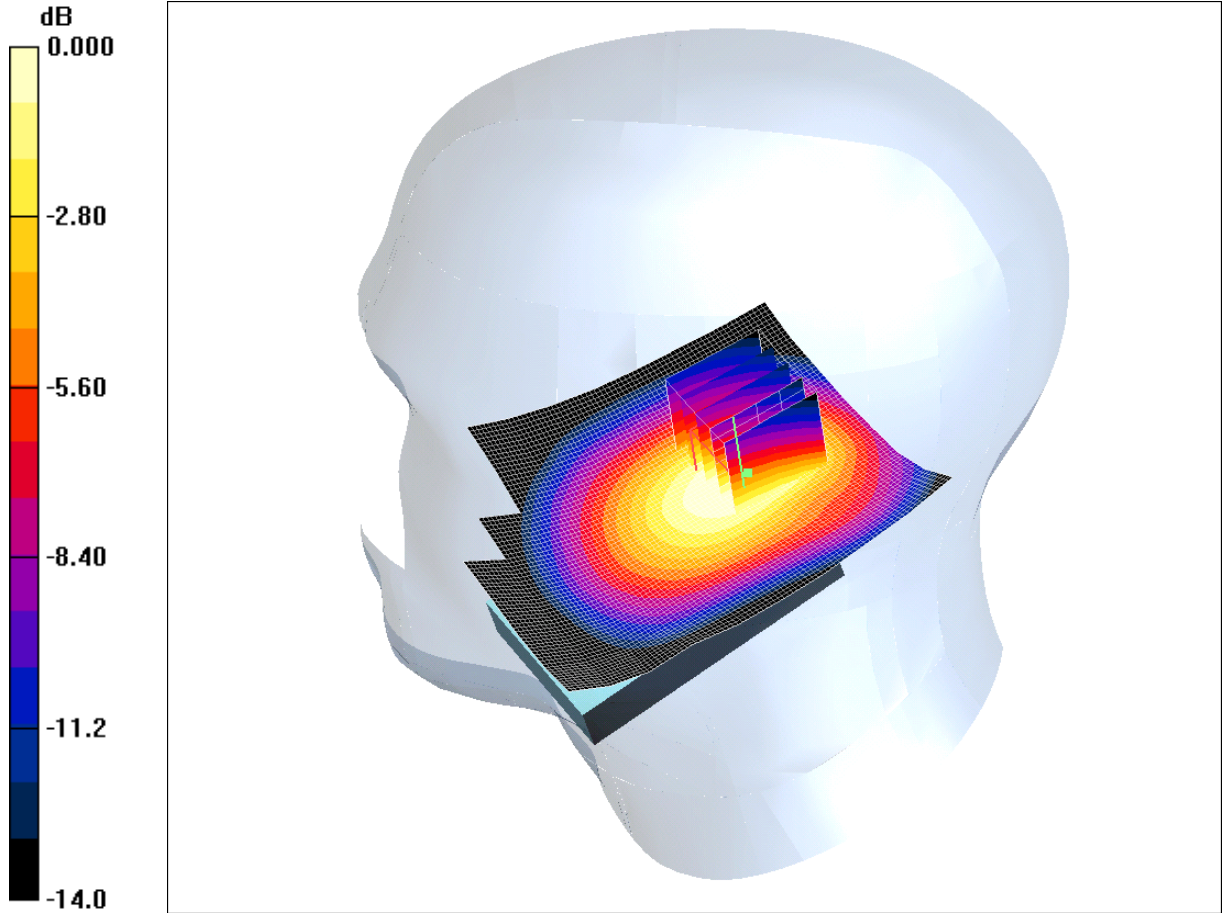
**SAR(1 g) = 0.492 mW/g; SAR(10 g) = 0.332 mW/g**

Maximum value of SAR (measured) = 0.522 mW/g

SCN/81726JD04/004: Tilt Right GSM CH190

Date 02/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.373mW/g

Communication System: 850 MHz; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.915$  mho/m;  $\epsilon_r = 42.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3508; ConvF(10.73, 10.73, 10.73); Calibrated: 15/02/2011

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

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- 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 (71x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.401 mW/g

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

Reference Value = 20.3 V/m; Power Drift = -0.040 dB

Peak SAR (extrapolated) = 0.545 W/kg

**SAR(1 g) = 0.354 mW/g; SAR(10 g) = 0.224 mW/g**

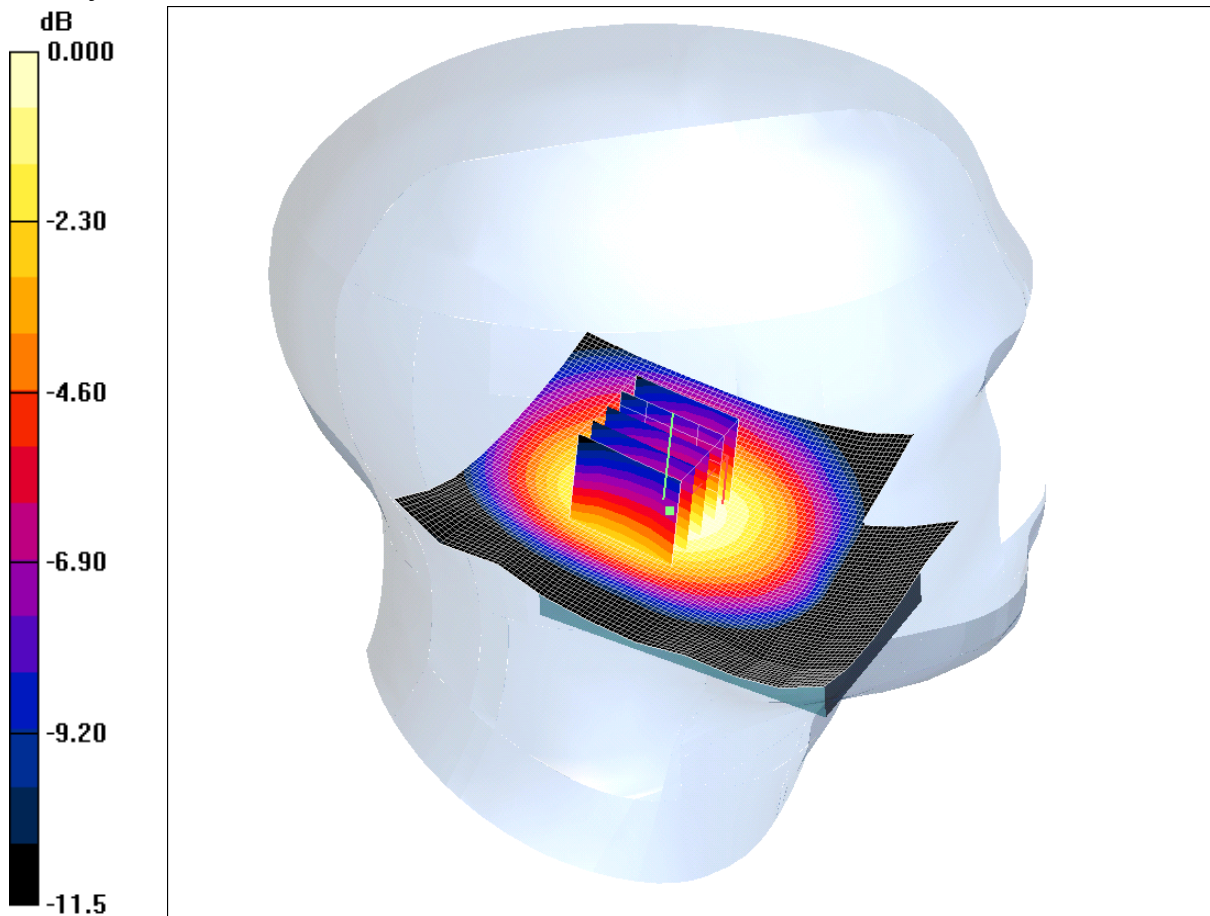
Maximum value of SAR (measured) = 0.373 mW/g



SCN/81726JD04/005: Touch Left GSM CH128

Date 02/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.572mW/g

Communication System: 850 MHz; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.907$  mho/m;  $\epsilon_r = 42.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3508; ConvF(10.73, 10.73, 10.73); Calibrated: 15/02/2011

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

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- 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 (71x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.585 mW/g

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

Reference Value = 23.8 V/m; Power Drift = -0.129 dB

Peak SAR (extrapolated) = 0.754 W/kg

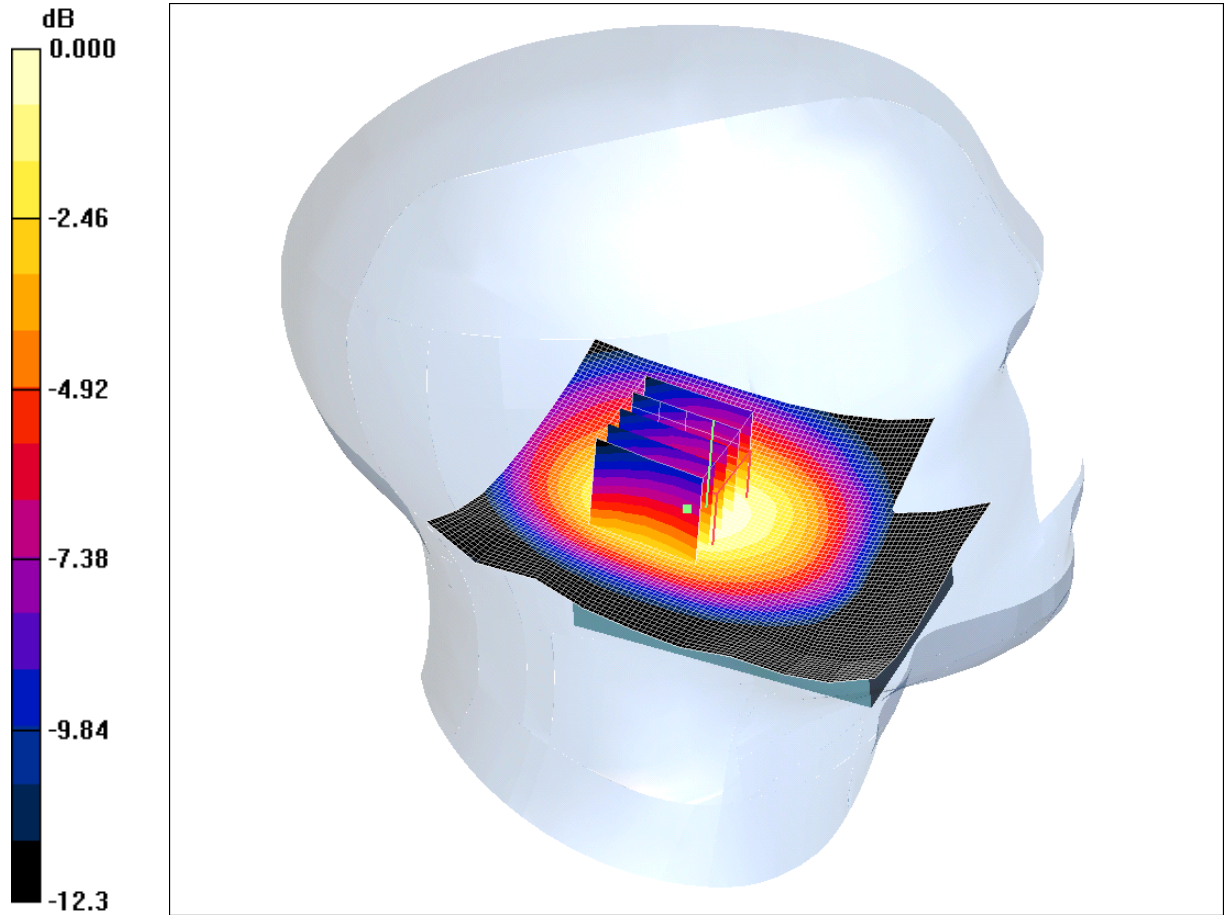
**SAR(1 g) = 0.545 mW/g; SAR(10 g) = 0.378 mW/g**

Maximum value of SAR (measured) = 0.572 mW/g

SCN/81726JD04/006: Touch Left GSM CH251

Date 02/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.409mW/g

Communication System: 850 MHz; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.922$  mho/m;  $\epsilon_r = 42.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3508; ConvF(10.73, 10.73, 10.73); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 (71x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.411 mW/g

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

Reference Value = 19.7 V/m; Power Drift = 0.048 dB

Peak SAR (extrapolated) = 0.537 W/kg

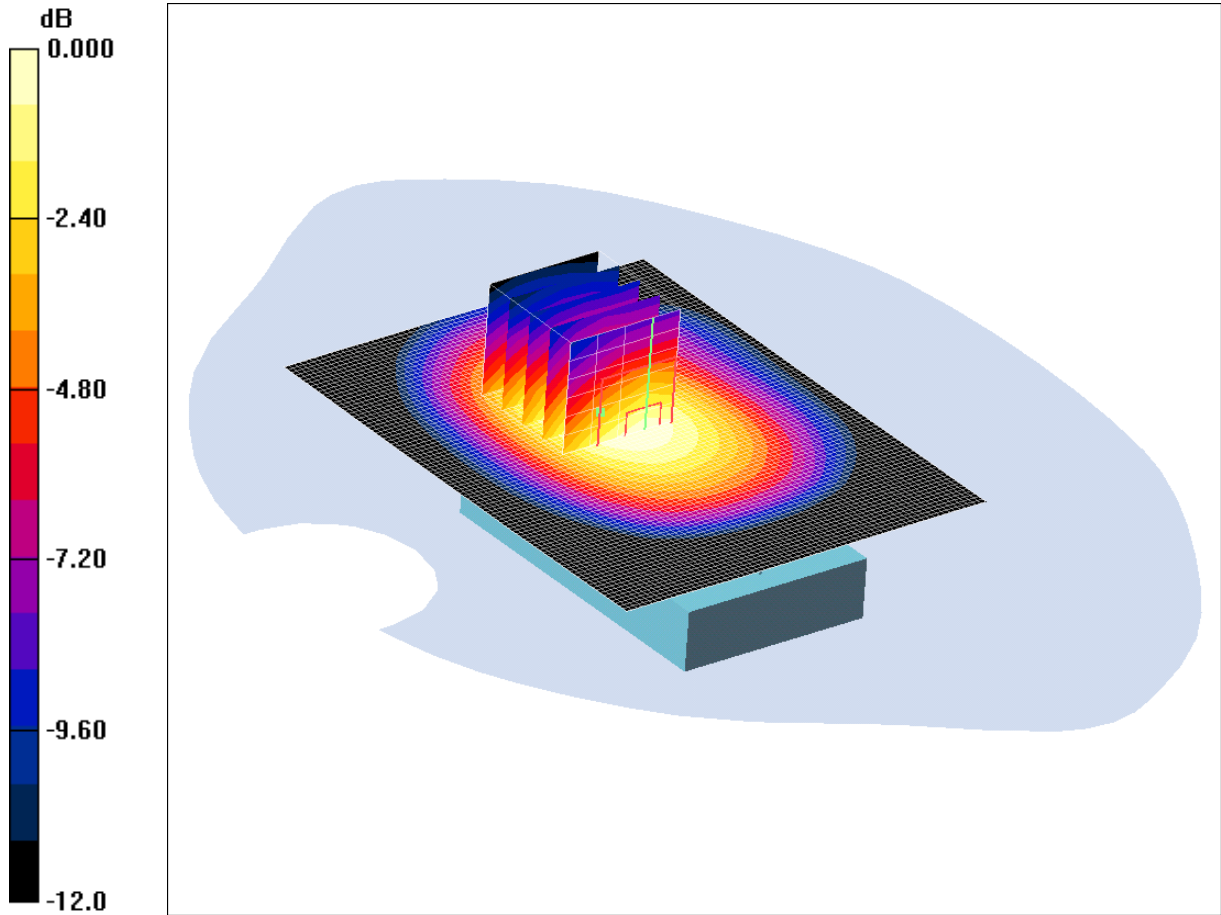
**SAR(1 g) = 0.391 mW/g; SAR(10 g) = 0.269 mW/g**

Maximum value of SAR (measured) = 0.409 mW/g

SCN/81726JD04/007: Front of EUT Facing Phantom GPRS CH190

Date 03/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.393mW/g

Communication System: GPRS 850 MHz (Class 12); Frequency: 836.6 MHz; Duty Cycle: 1:2

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1.02$  mho/m;  $\epsilon_r = 53.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3508; ConvF(10.54, 10.54, 10.54); Calibrated: 15/02/2011

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

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- 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 (71x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.422 mW/g

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

Reference Value = 16.8 V/m; Power Drift = 0.009 dB

Peak SAR (extrapolated) = 0.495 W/kg

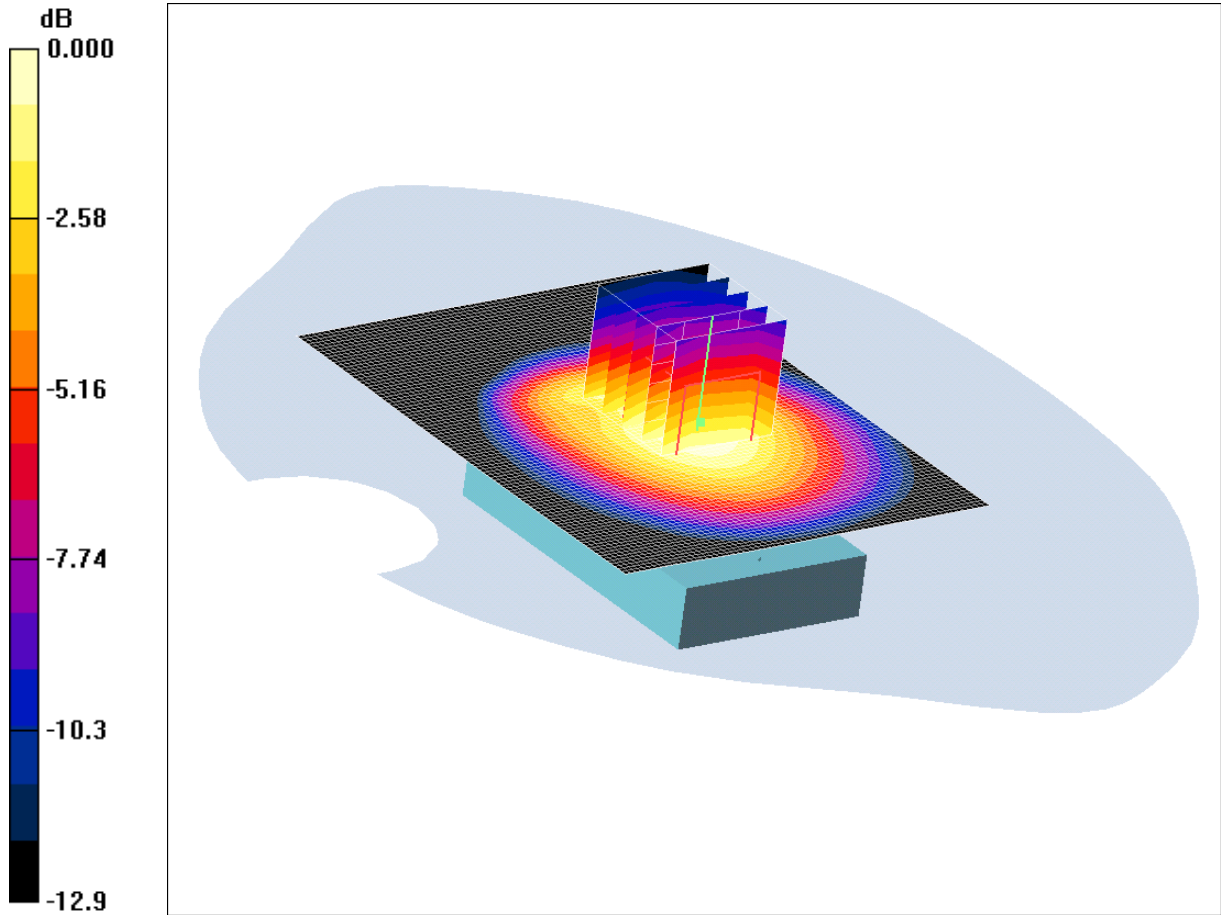
**SAR(1 g) = 0.357 mW/g; SAR(10 g) = 0.251 mW/g**

Maximum value of SAR (measured) = 0.393 mW/g

SCN/81726JD04/008: Rear of EUT Facing Phantom GPRS CH190

Date 03/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.878mW/g

Communication System: GPRS 850 MHz (Class 12); Frequency: 836.6 MHz; Duty Cycle: 1:2

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1.02$  mho/m;  $\epsilon_r = 53.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3508; ConvF(10.54, 10.54, 10.54); Calibrated: 15/02/2011

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

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- 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 (71x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.841 mW/g

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

Reference Value = 27.3 V/m; Power Drift = -0.008 dB

Peak SAR (extrapolated) = 1.20 W/kg

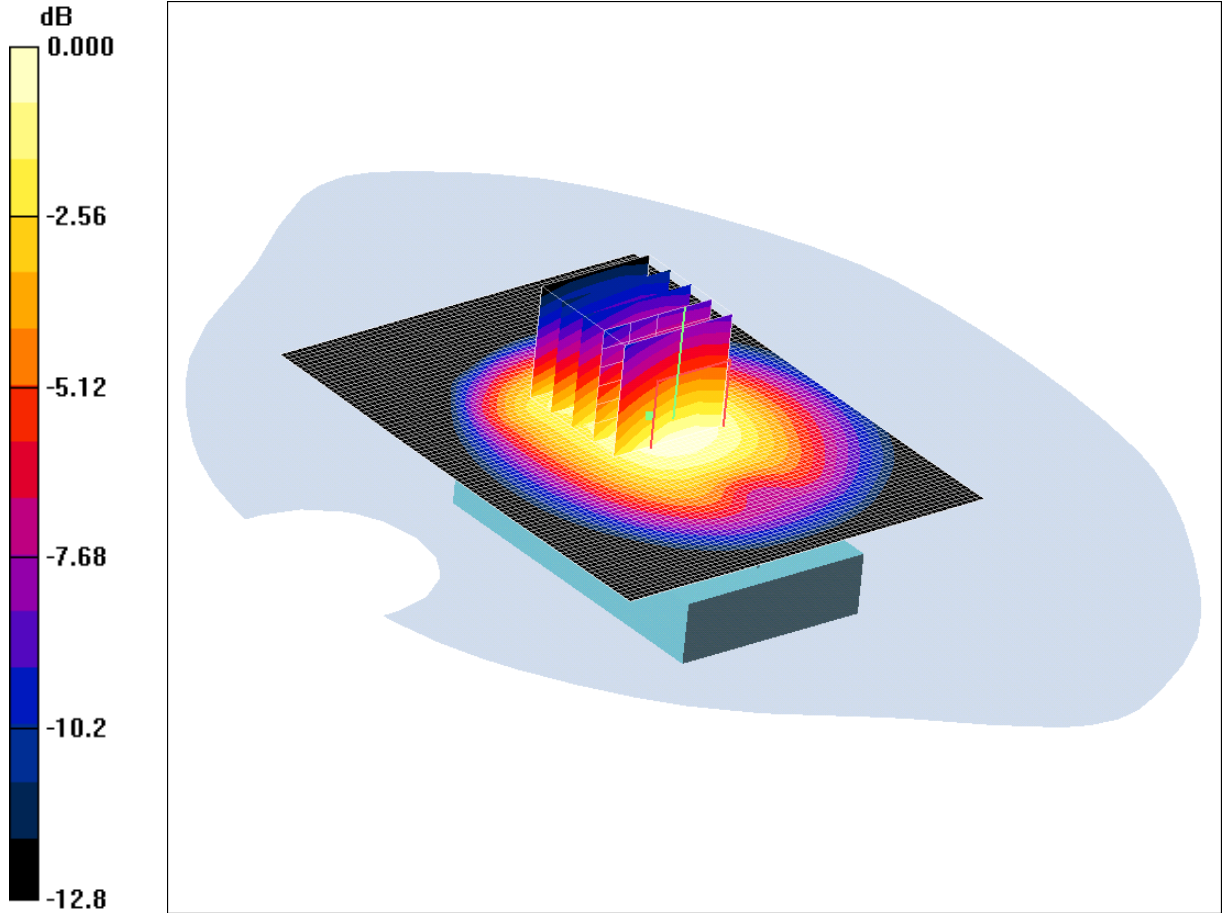
**SAR(1 g) = 0.815 mW/g; SAR(10 g) = 0.546 mW/g**

Maximum value of SAR (measured) = 0.878 mW/g

SCN/81726JD04/009: Rear of EUT Facing Phantom GPRS CH128

Date 03/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.829mW/g

Communication System: GPRS 850 MHz (Class 12); Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 1.02$  mho/m;  $\epsilon_r = 53.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3508; ConvF(10.54, 10.54, 10.54); Calibrated: 15/02/2011

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

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- 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 (71x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.845 mW/g

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

Reference Value = 26.9 V/m; Power Drift = -0.260 dB

Peak SAR (extrapolated) = 1.11 W/kg

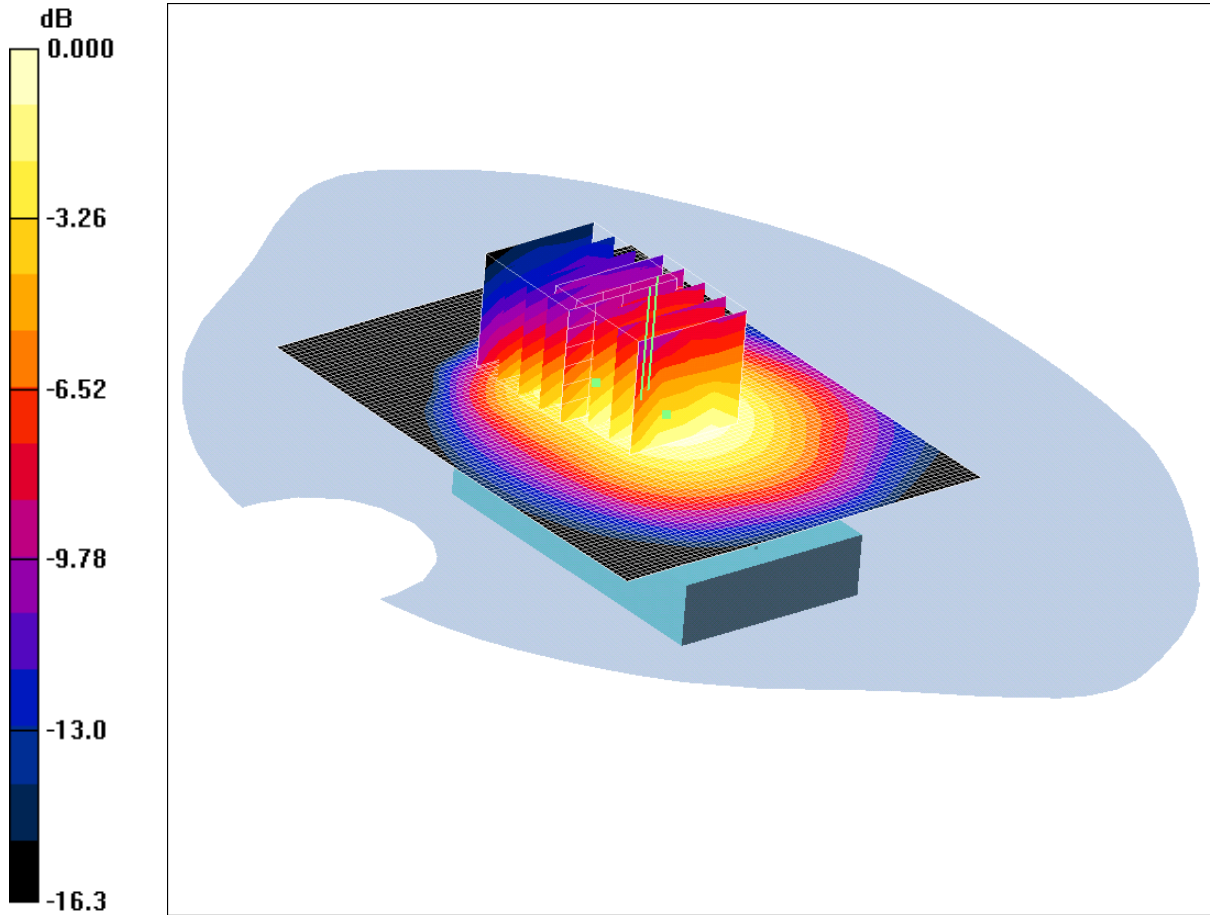
**SAR(1 g) = 0.782 mW/g; SAR(10 g) = 0.519 mW/g**

Maximum value of SAR (measured) = 0.829 mW/g

SCN/81726JD04/010: Rear of EUT Facing Phantom GPRS CH251

Date 03/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169

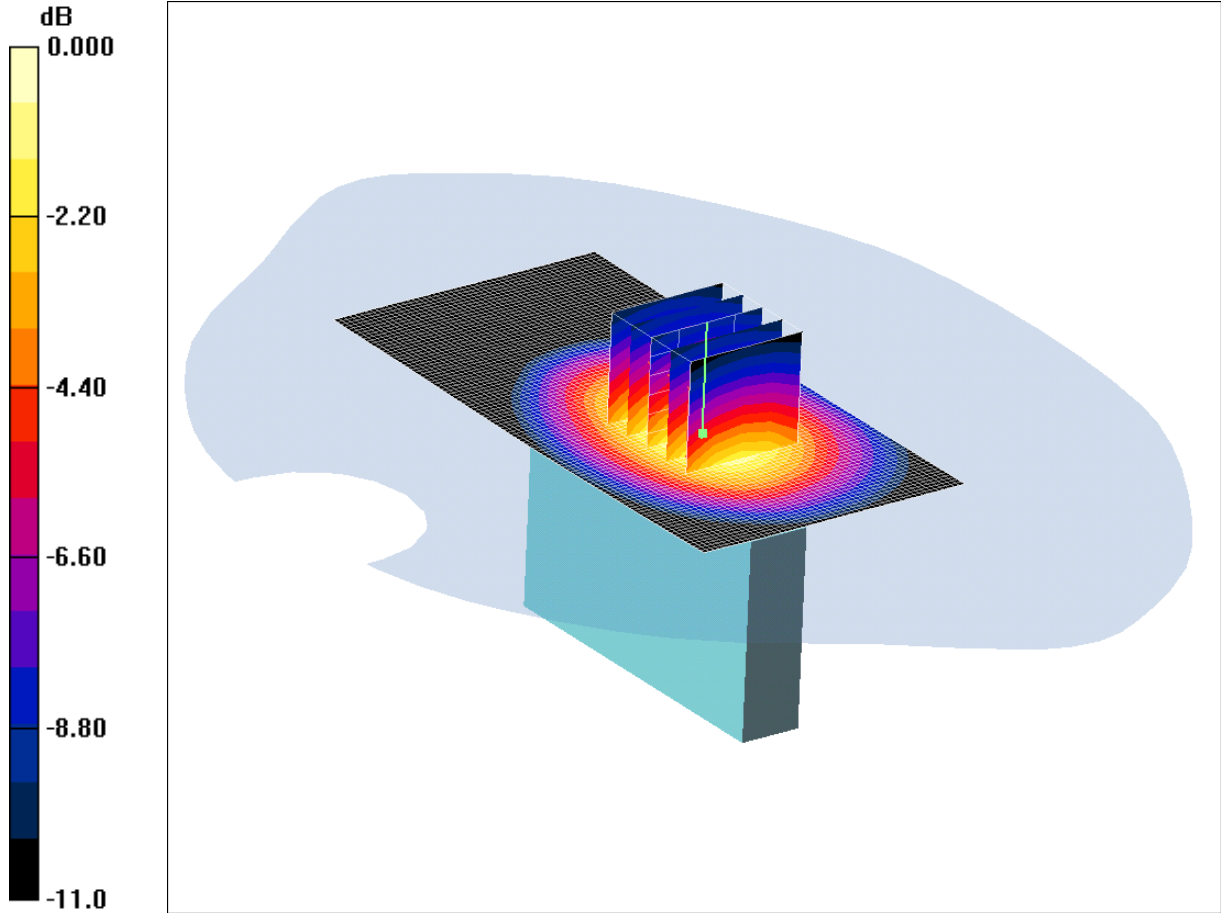


0 dB = 0.760mW/g

Communication System: GPRS 850 MHz (Class 12); Frequency: 848.8 MHz; Duty Cycle: 1:2  
 Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 1.03$  mho/m;  $\epsilon_r = 53.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section  
 DASY4 Configuration:  
 - Probe: EX3DV3 - SN3508; ConvF(10.54, 10.54, 10.54); Calibrated: 15/02/2011  
 - Sensor-Surface: 4mm (Mechanical Surface Detection)  
 - Electronics: DAE3 Sn450; Calibrated: 09/02/2011  
 - 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 (71x91x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.805 mW/g  
**Rear of EUT Facing Phantom - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 24.2 V/m; Power Drift = 0.061 dB  
 Peak SAR (extrapolated) = 1.07 W/kg  
**SAR(1 g) = 0.715 mW/g; SAR(10 g) = 0.480 mW/g**  
 Maximum value of SAR (measured) = 0.810 mW/g  
**Rear of EUT Facing Phantom - High/Zoom Scan (5x5x7) (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 24.2 V/m; Power Drift = 0.061 dB  
 Peak SAR (extrapolated) = 1.03 W/kg  
**SAR(1 g) = 0.668 mW/g; SAR(10 g) = 0.387 mW/g**  
 Maximum value of SAR (measured) = 0.760 mW/g

SCN/81726JD04/011: Left Hand Side of EUT Facing Phantom GPRS CH190  
Date 03/06/2011  
DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.454mW/g

Communication System: GPRS 850 MHz (Class 12); Frequency: 836.6 MHz; Duty Cycle: 1:2  
Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1.02$  mho/m;  $\epsilon_r = 53.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
DASY4 Configuration:  
- Probe: EX3DV3 - SN3508; ConvF(10.54, 10.54, 10.54); Calibrated: 15/02/2011  
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2.5mm (Mechanical Surface Detection)  
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011  
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193  
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Left Hand Side Of EUT Facing Phantom Antenna Retracted - Middle/Area Scan (51x101x1):** Measurement grid:  
dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.451 mW/g

**Left Hand Side Of EUT Facing Phantom Antenna Retracted - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:**

Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 21.1 V/m; Power Drift = 0.047 dB

Peak SAR (extrapolated) = 0.557 W/kg

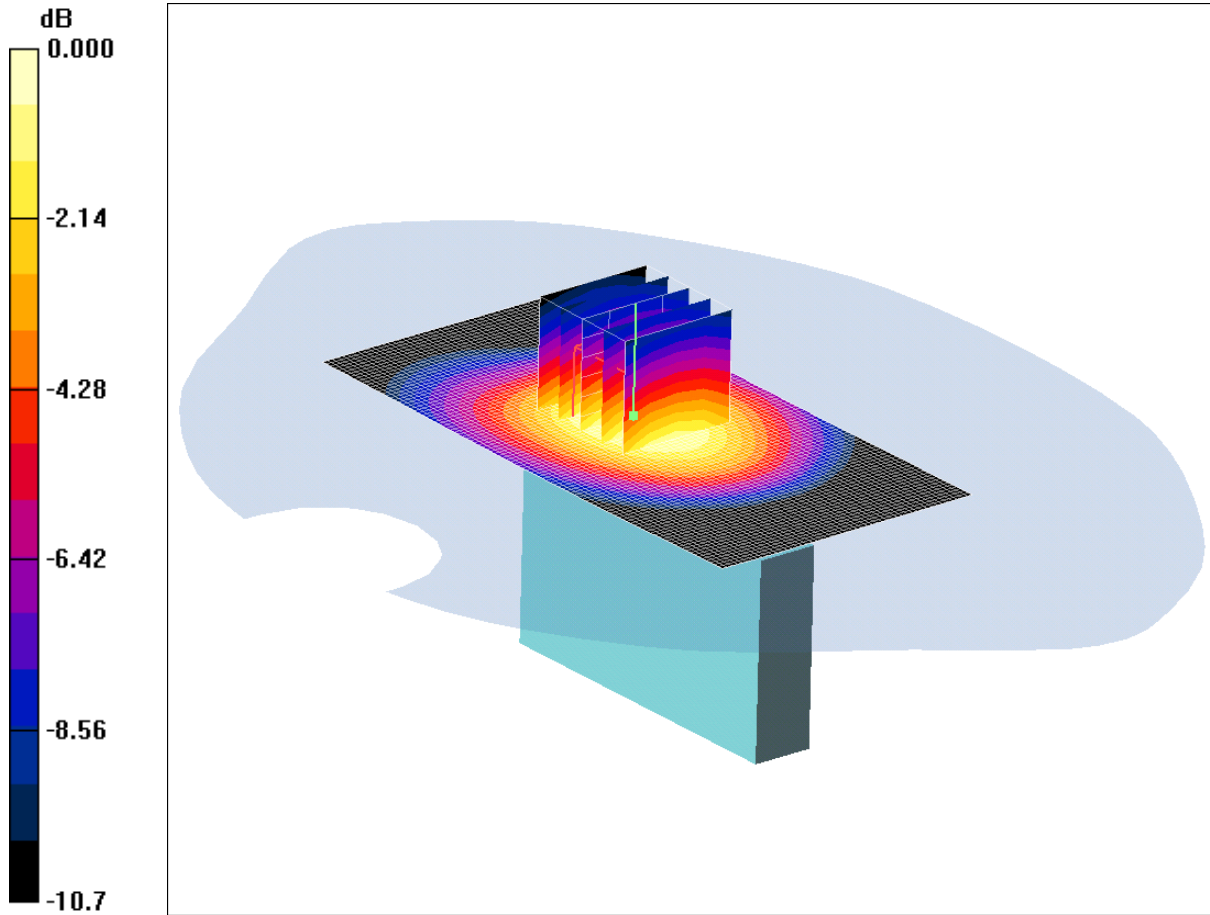
**SAR(1 g) = 0.375 mW/g; SAR(10 g) = 0.246 mW/g**

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

SCN/81726JD04/012: Right Hand Side of EUT Facing Phantom GPRS CH190

Date 03/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.476mW/g

Communication System: GPRS 850 MHz (Class 12); Frequency: 836.6 MHz; Duty Cycle: 1:2

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1.02$  mho/m;  $\epsilon_r = 53.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3508; ConvF(10.54, 10.54, 10.54); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Right Hand Side Of EUT Facing Phantom Antenna Retracted - Middle/Area Scan (51x101x1):** Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.473 mW/g

**Right Hand Side Of EUT Facing Phantom Antenna Retracted - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:**

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.0 V/m; Power Drift = 0.010 dB

Peak SAR (extrapolated) = 0.570 W/kg

**SAR(1 g) = 0.406 mW/g; SAR(10 g) = 0.279 mW/g**

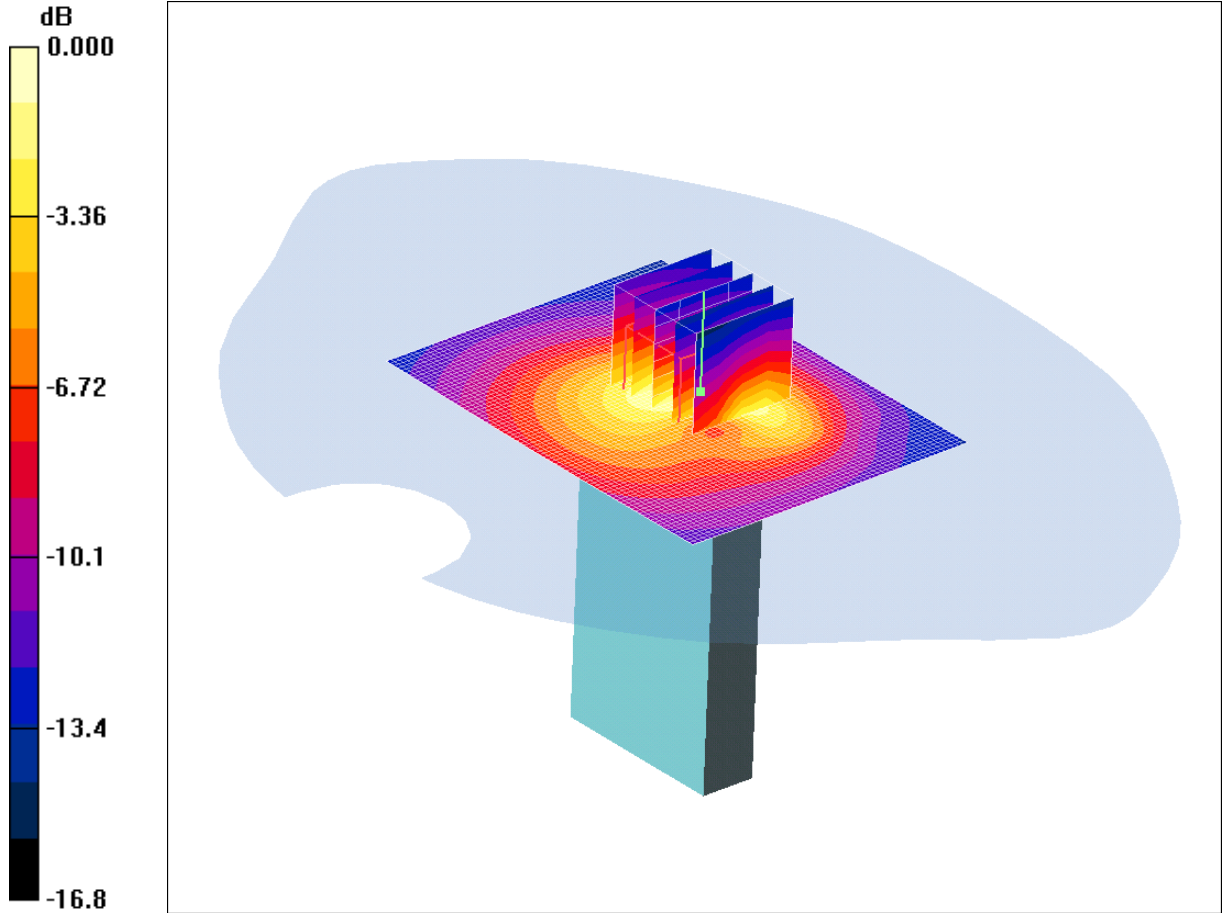
Maximum value of SAR (measured) = 0.476 mW/g



SCN/81726JD04/013: Top of EUT Facing Phantom GPRS CH190

Date 03/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.349mW/g

Communication System: GPRS 850 MHz (Class 12); Frequency: 836.6 MHz; Duty Cycle: 1:2

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1.02$  mho/m;  $\epsilon_r = 53.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3508; ConvF(10.54, 10.54, 10.54); Calibrated: 15/02/2011

- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- 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 Antenna Retracted - Middle/Area Scan (61x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.295 mW/g

**Top Of EUT Facing Phantom Antenna Retracted - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid:

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

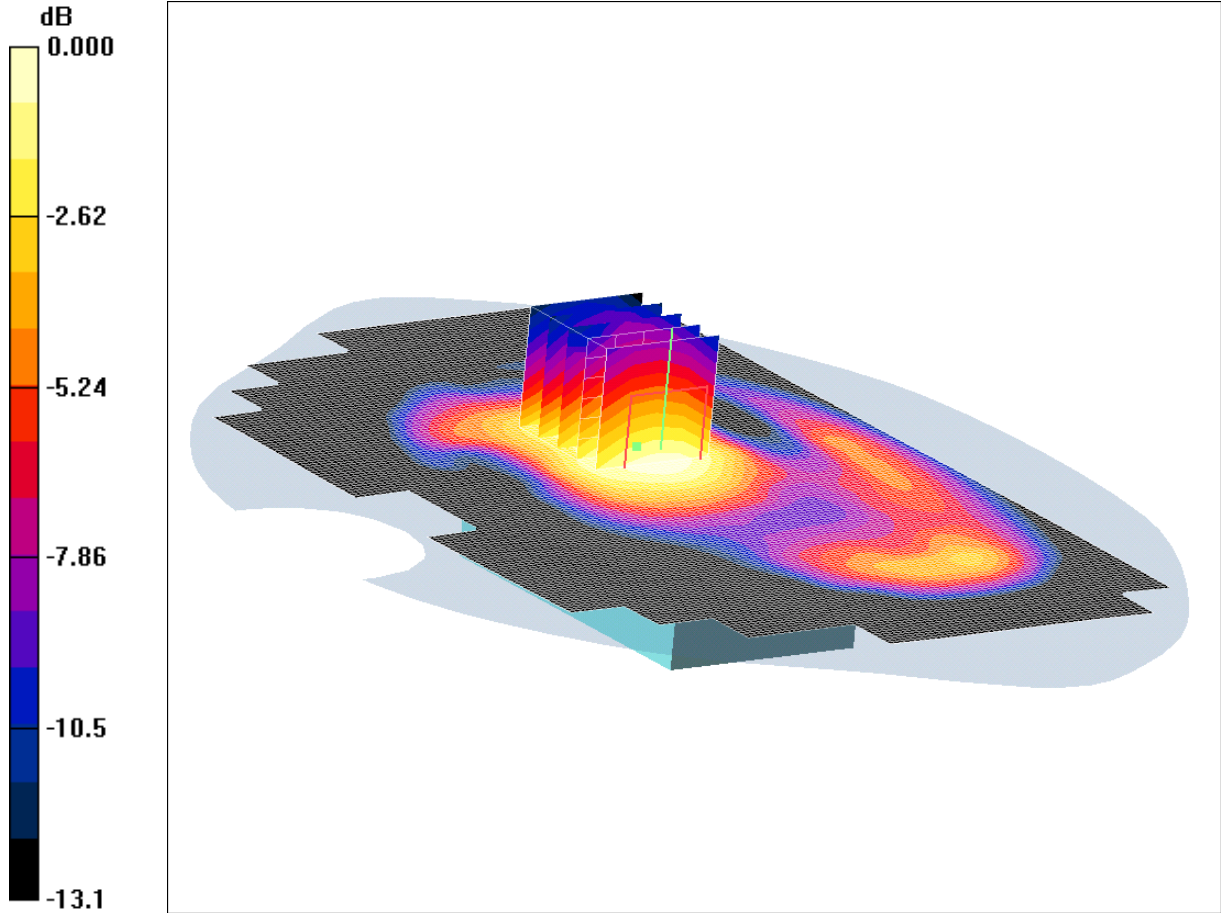
Reference Value = 17.8 V/m; Power Drift = -0.059 dB

Peak SAR (extrapolated) = 0.476 W/kg

**SAR(1 g) = 0.261 mW/g; SAR(10 g) = 0.143 mW/g**

Maximum value of SAR (measured) = 0.349 mW/g

SCN/81726JD04/014: Rear of EUT Facing Phantom With PHF GPRS CH190  
Date 03/06/2011  
DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



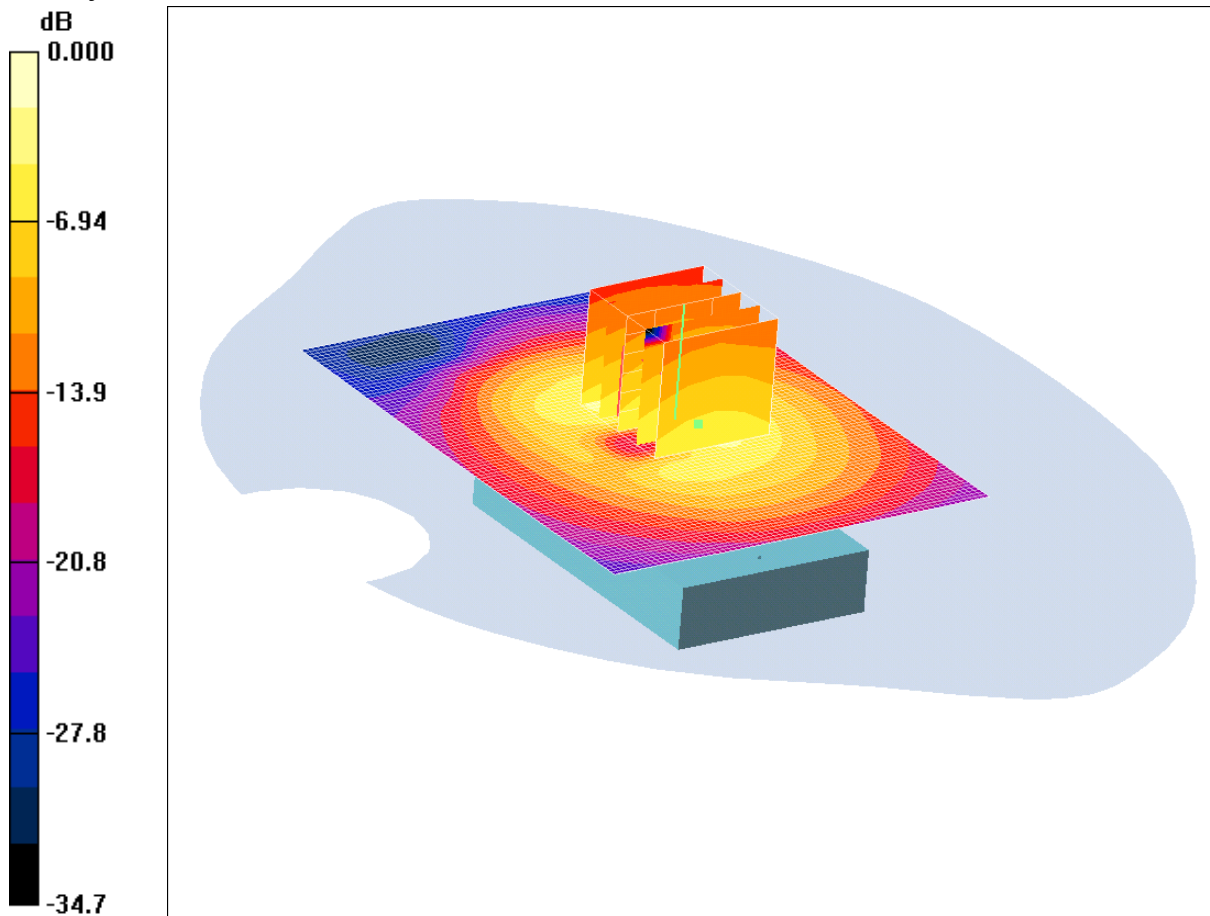
0 dB = 0.718mW/g

Communication System: GPRS 850 MHz (Class 12); Frequency: 836.6 MHz; Duty Cycle: 1:2  
Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1.02$  mho/m;  $\epsilon_r = 53.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
DASY4 Configuration:  
- Probe: EX3DV3 - SN3508; ConvF(10.54, 10.54, 10.54); Calibrated: 15/02/2011  
- Sensor-Surface: 4mm (Mechanical Surface Detection)  
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011  
- 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 (101x161x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.757 mW/g  
**Rear of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 22.4 V/m; Power Drift = -0.027 dB  
Peak SAR (extrapolated) = 0.974 W/kg  
**SAR(1 g) = 0.685 mW/g; SAR(10 g) = 0.463 mW/g**  
Maximum value of SAR (measured) = 0.718 mW/g

SCN/81726JD04/015: Rear of EUT Facing Phantom EGPRS CH190

Date 03/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 2.00mW/g

Communication System: EGPRS 850 MHz (Class 12); Frequency: 836.6 MHz; Duty Cycle: 1:2

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1.02$  mho/m;  $\epsilon_r = 53.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3508; ConvF(10.54, 10.54, 10.54); Calibrated: 15/02/2011

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

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- 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 (71x91x1):** Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 26.8 V/m; Power Drift = -0.014 dB

Peak SAR (extrapolated) = 1.13 W/kg

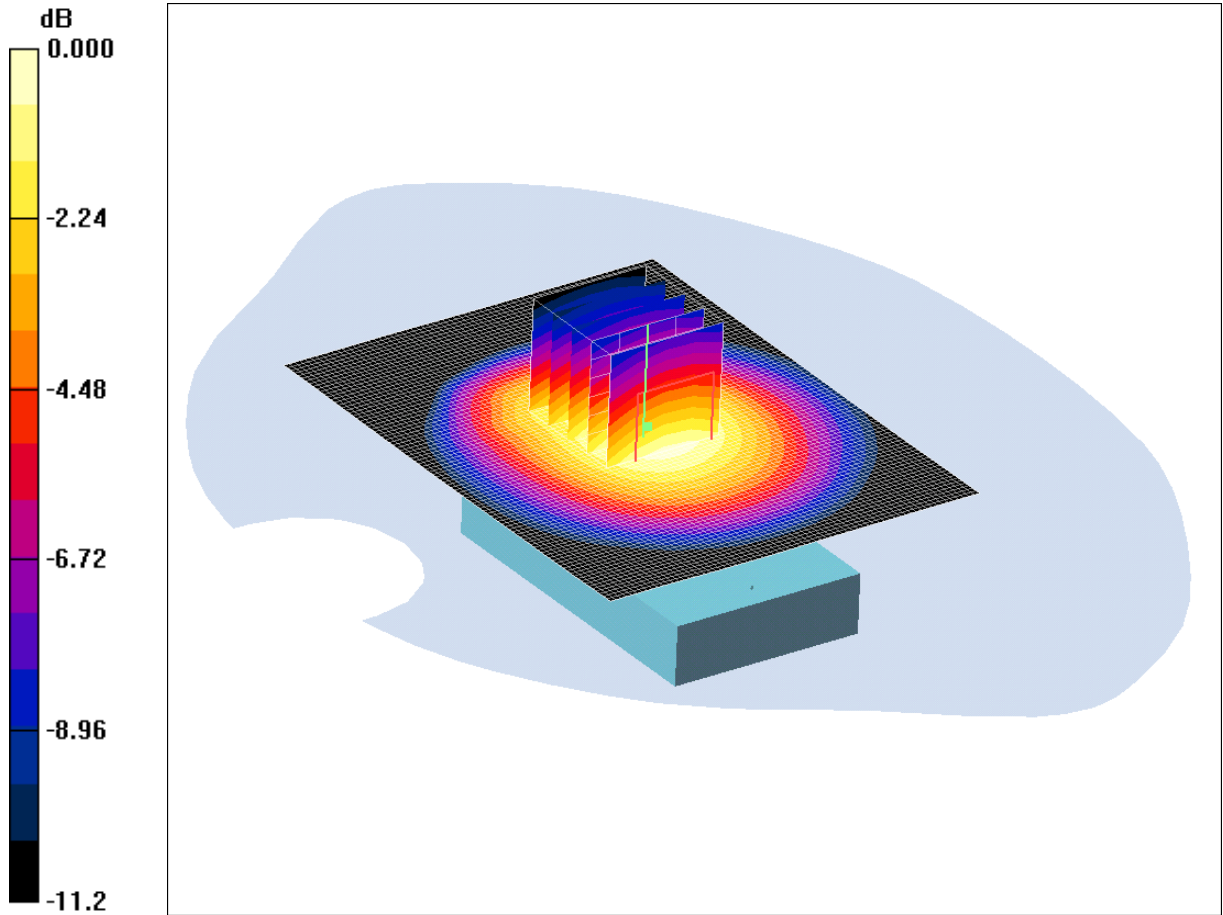
**SAR(1 g) = 0.786 mW/g; SAR(10 g) = 0.531 mW/g**

Maximum value of SAR (measured) = 0.847 mW/g

SCN/81726JD04/016: Rear of EUT Facing Phantom GSM CH190

Date 03/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.418mW/g

Communication System: 850 MHz; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1.02$  mho/m;  $\epsilon_r = 53.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3508; ConvF(10.54, 10.54, 10.54); Calibrated: 15/02/2011

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

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- 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 (71x91x1):** Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 19.0 V/m; Power Drift = 0.061 dB

Peak SAR (extrapolated) = 0.558 W/kg

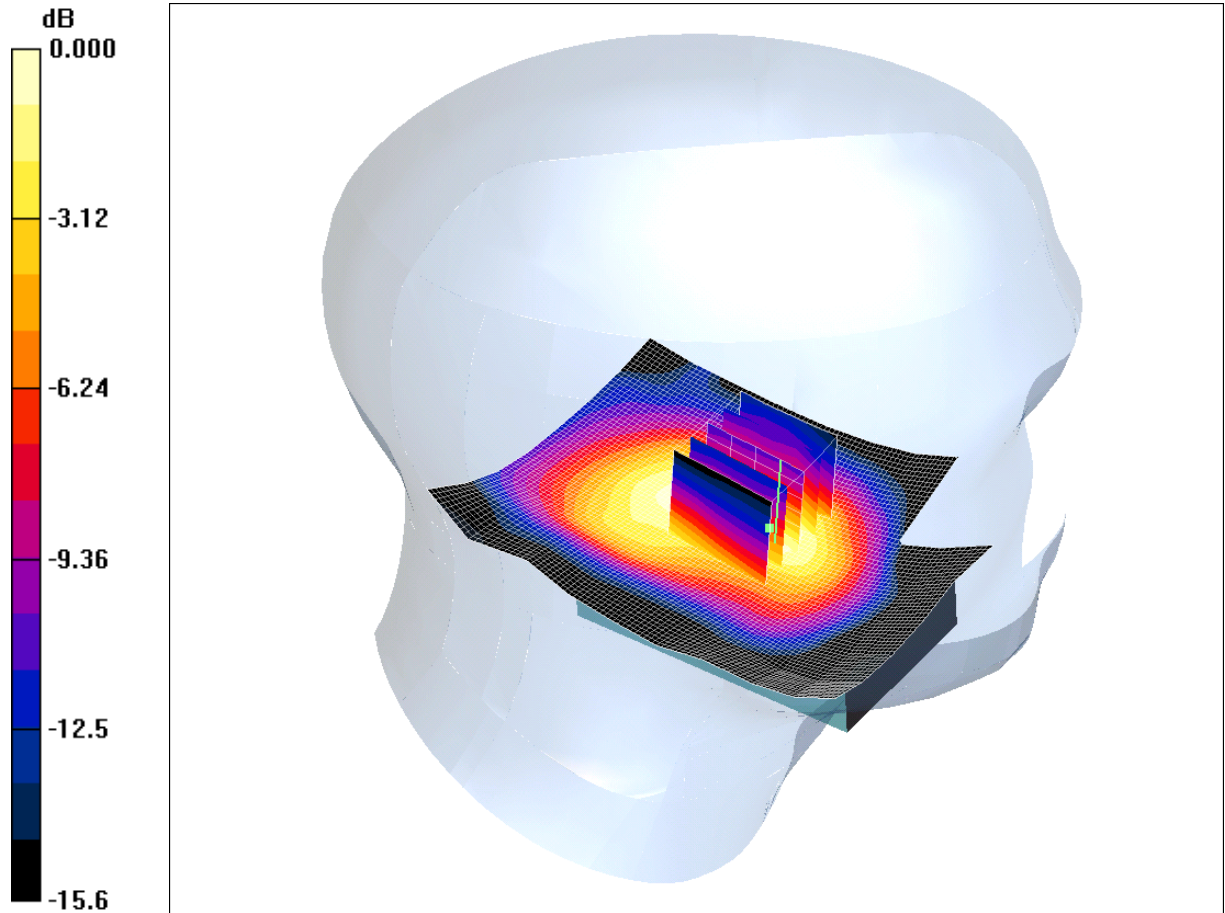
**SAR(1 g) = 0.401 mW/g; SAR(10 g) = 0.277 mW/g**

Maximum value of SAR (measured) = 0.418 mW/g

SCN/81726JD04/017: Touch Left PCS CH661

Date 07/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.493mW/g

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz HSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.39$  mho/m;  $\epsilon_r = 40.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3508; ConvF(8.83, 8.83, 8.83); Calibrated: 15/02/2011

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

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- 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 (71x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.509 mW/g

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

Reference Value = 16.4 V/m; Power Drift = -0.358 dB

Peak SAR (extrapolated) = 0.748 W/kg

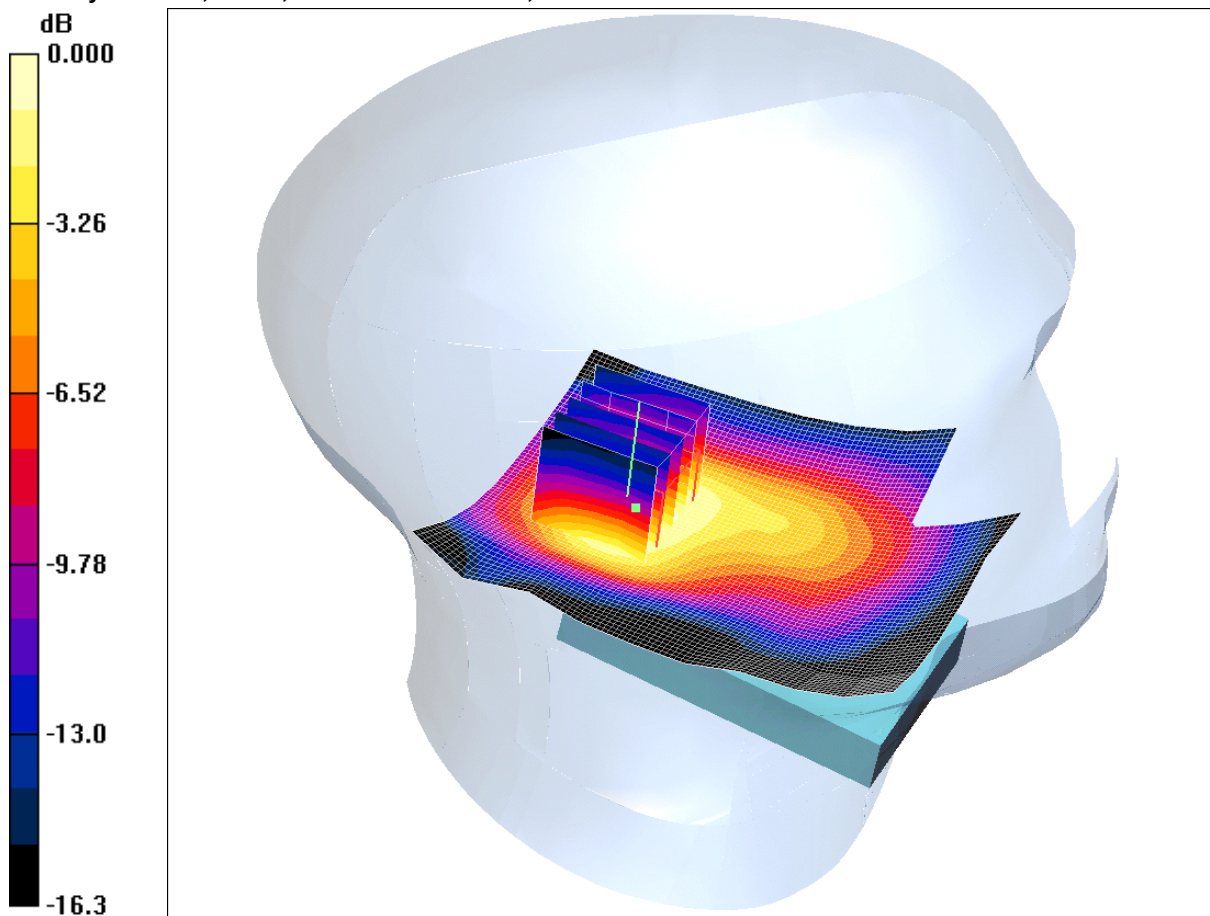
**SAR(1 g) = 0.470 mW/g; SAR(10 g) = 0.275 mW/g**

Maximum value of SAR (measured) = 0.493 mW/g

SCN/81726JD04/018: Tilt Left PCS CH661

Date 07/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.366mW/g

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz HSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.39$  mho/m;  $\epsilon_r = 40.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3508; ConvF(8.83, 8.83, 8.83); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 (71x91x1):** Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 15.8 V/m; Power Drift = 0.186 dB

Peak SAR (extrapolated) = 0.563 W/kg

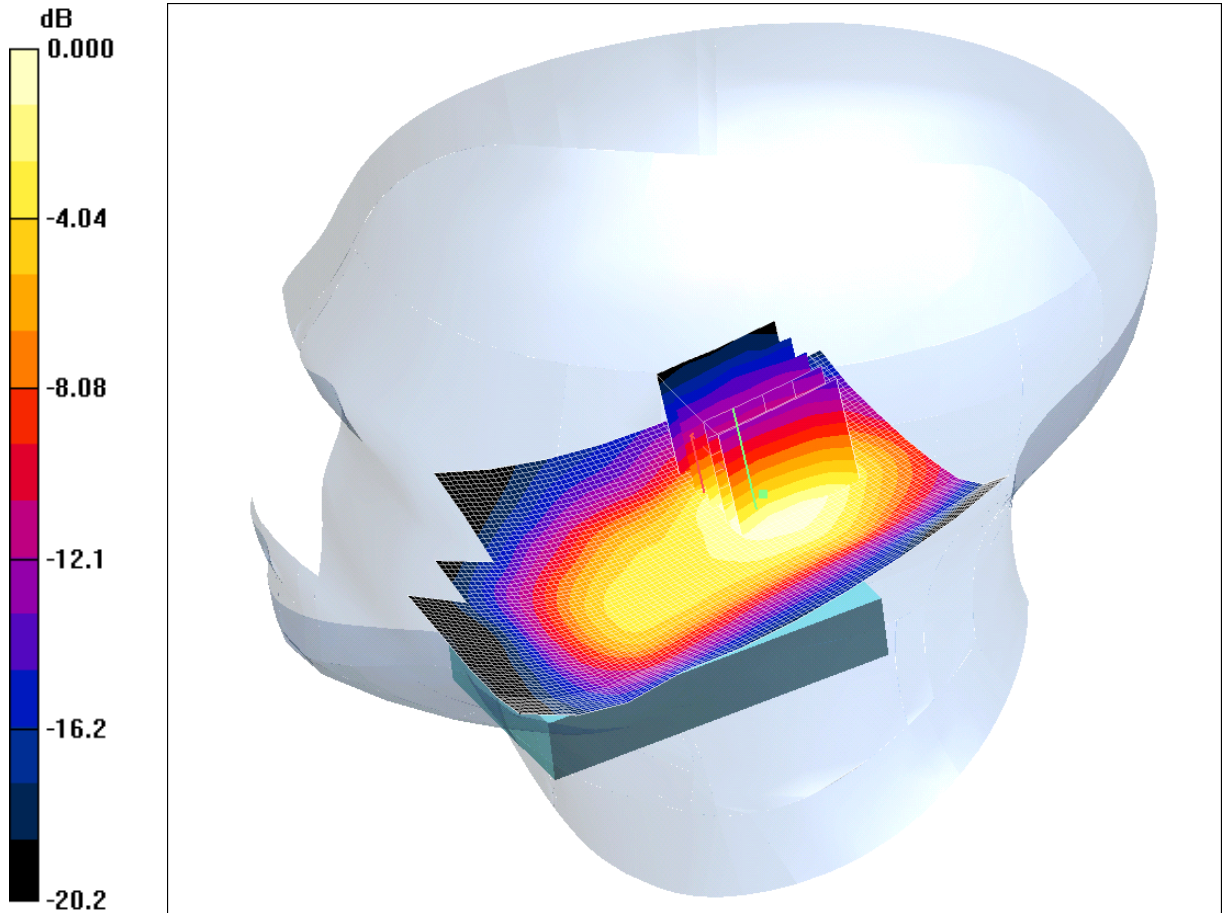
**SAR(1 g) = 0.345 mW/g; SAR(10 g) = 0.203 mW/g**

Maximum value of SAR (measured) = 0.366 mW/g

SCN/81726JD04/019: Touch Right PCS CH661

Date 07/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.637mW/g

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz HSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.39$  mho/m;  $\epsilon_r = 40.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3508; ConvF(8.83, 8.83, 8.83); Calibrated: 15/02/2011

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

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- 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 (71x91x1):** Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 19.8 V/m; Power Drift = -0.036 dB

Peak SAR (extrapolated) = 1.08 W/kg

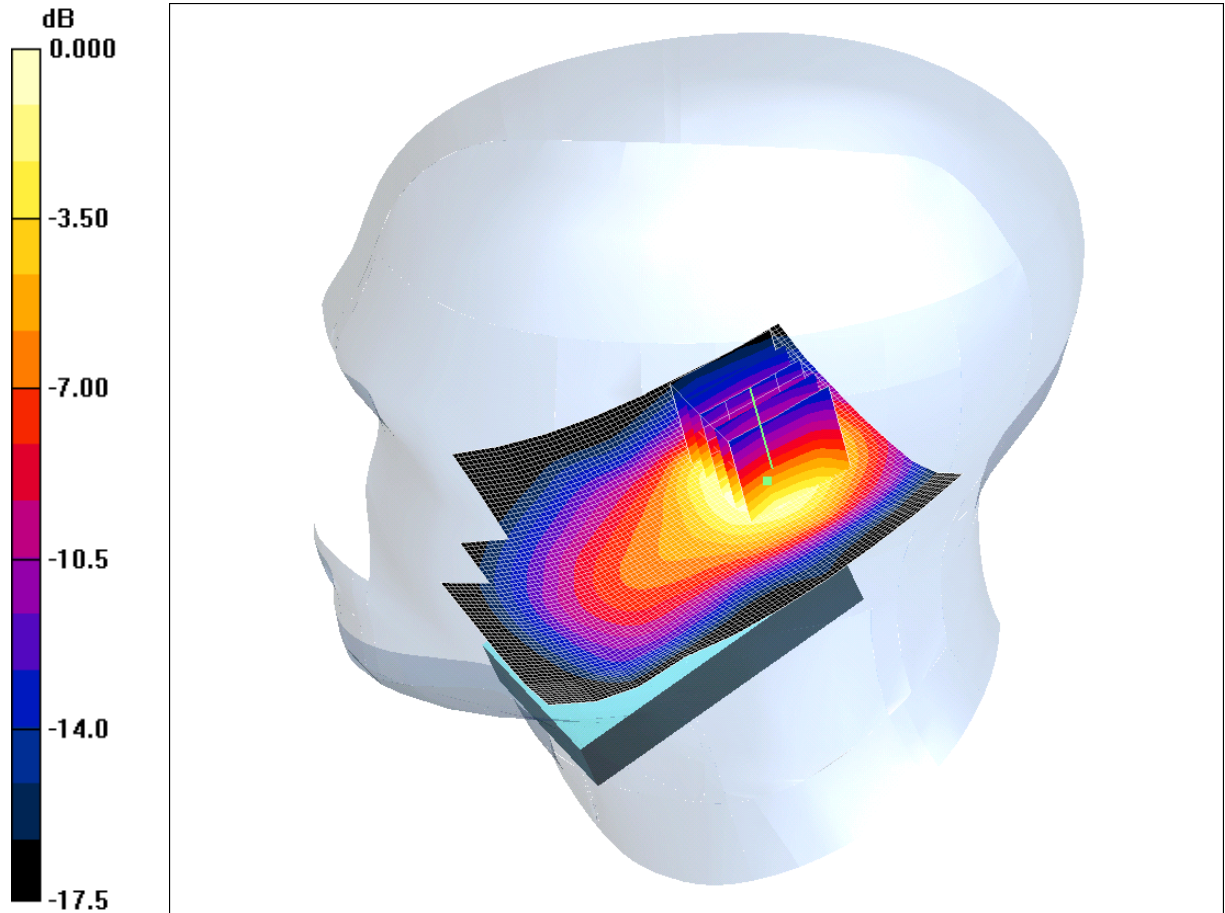
**SAR(1 g) = 0.612 mW/g; SAR(10 g) = 0.337 mW/g**

Maximum value of SAR (measured) = 0.637 mW/g

SCN/81726JD04/020: Tilt Right PCS CH661

Date 07/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.661mW/g

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz HSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.39$  mho/m;  $\epsilon_r = 40.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3508; ConvF(8.83, 8.83, 8.83); Calibrated: 15/02/2011

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

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- 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 (71x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.715 mW/g

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

Reference Value = 21.3 V/m; Power Drift = -0.106 dB

Peak SAR (extrapolated) = 1.12 W/kg

**SAR(1 g) = 0.636 mW/g; SAR(10 g) = 0.367 mW/g**

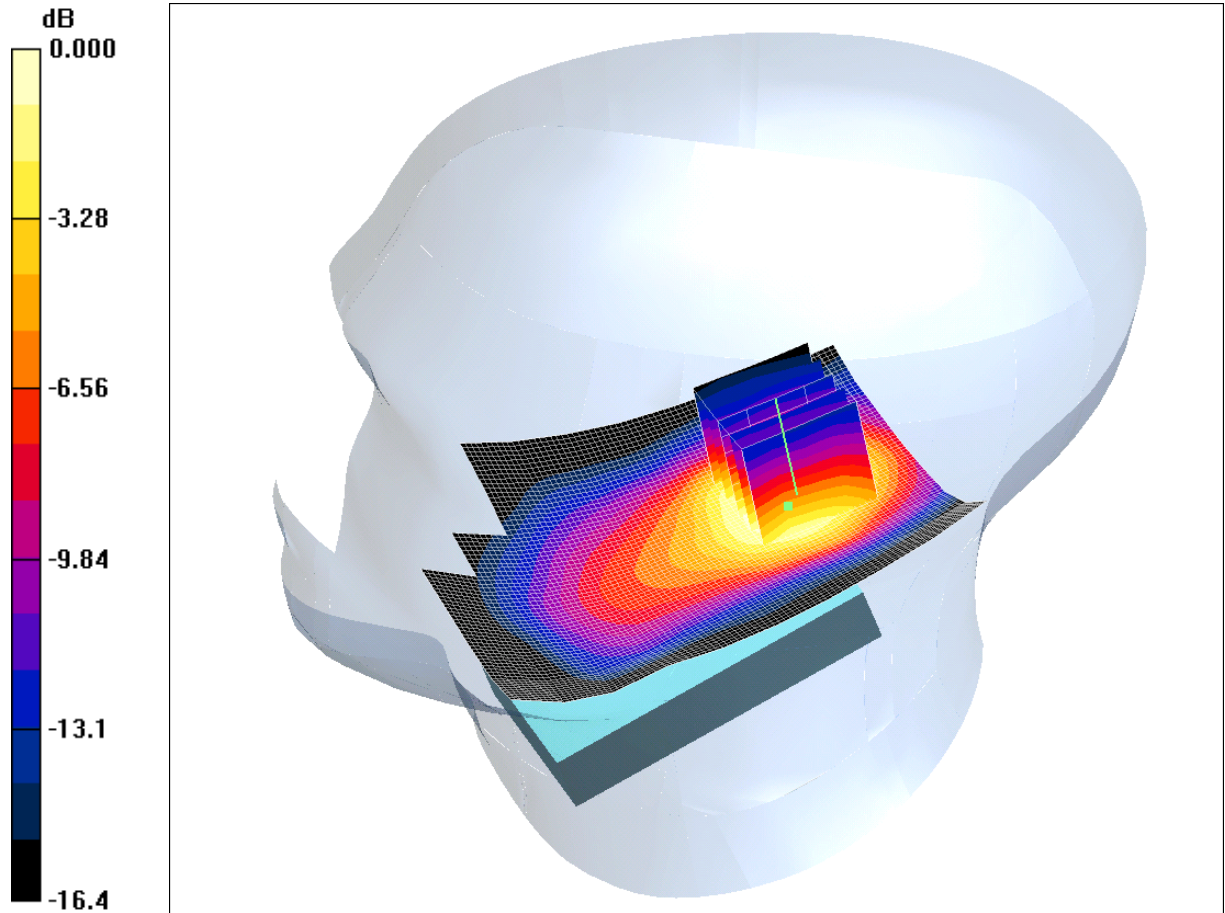
Maximum value of SAR (measured) = 0.661 mW/g



SCN/81726JD04/021: Tilt Right PCS CH512

Date 07/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.446mW/g

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

Medium: 1900 MHz HSL Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 40.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3508; ConvF(8.83, 8.83, 8.83); Calibrated: 15/02/2011

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

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- 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 - Low/Area Scan (71x91x1):** Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 17.7 V/m; Power Drift = -0.147 dB

Peak SAR (extrapolated) = 0.745 W/kg

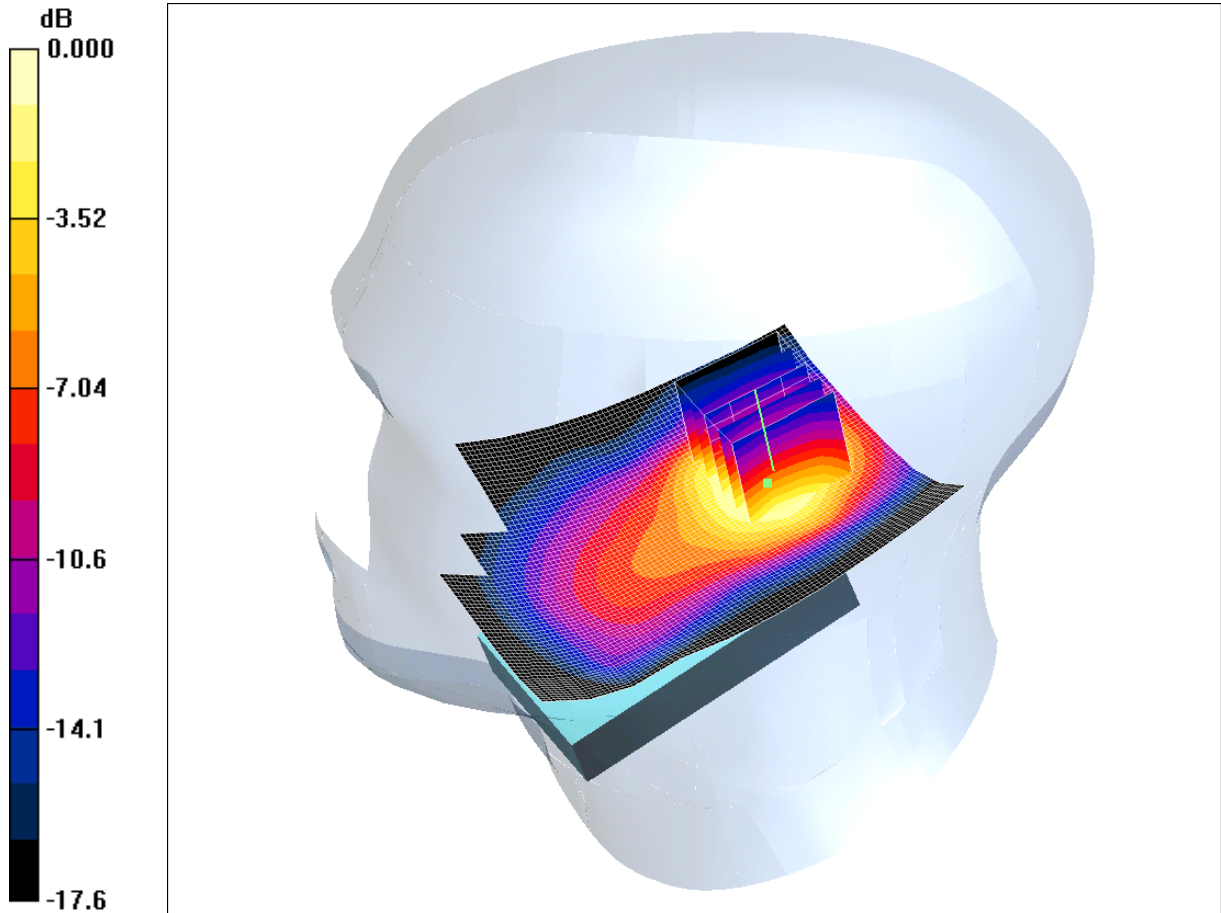
**SAR(1 g) = 0.423 mW/g; SAR(10 g) = 0.247 mW/g**

Maximum value of SAR (measured) = 0.446 mW/g

SCN/81726JD04/022: Tilt Right PCS CH810

Date 07/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.729mW/g

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

Medium: 1900 MHz HSL Medium parameters used (interpolated):  $f = 1909.8$  MHz;  $\sigma = 1.42$  mho/m;  $\epsilon_r = 40.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3508; ConvF(8.83, 8.83, 8.83); Calibrated: 15/02/2011

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

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- 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 - High/Area Scan (71x91x1):** Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 21.7 V/m; Power Drift = -0.078 dB

Peak SAR (extrapolated) = 1.24 W/kg

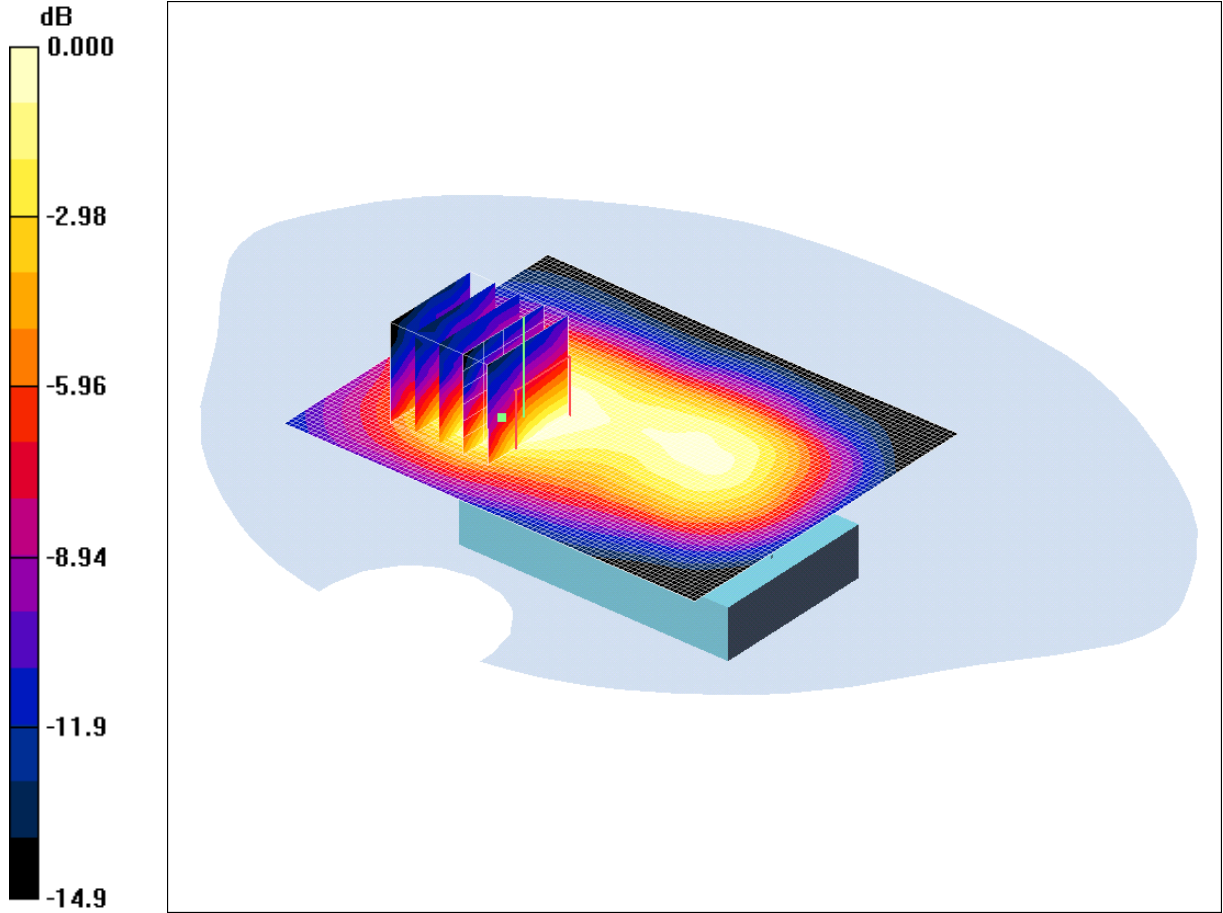
**SAR(1 g) = 0.690 mW/g; SAR(10 g) = 0.390 mW/g**

Maximum value of SAR (measured) = 0.729 mW/g

SCN/81726JD04/023: Front of EUT Facing Phantom GPRS CH661

Date 07/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.173mW/g

Communication System: GPRS 1900 (Class 12); Frequency: 1880 MHz; Duty Cycle: 1:2.67

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 51.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3508; ConvF(8.56, 8.56, 8.56); Calibrated: 15/02/2011

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

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

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

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

**Front of EUT Facing Phantom - Middle/Area Scan (71x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.200 mW/g

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

Reference Value = 9.59 V/m; Power Drift = -0.124 dB

Peak SAR (extrapolated) = 0.282 W/kg

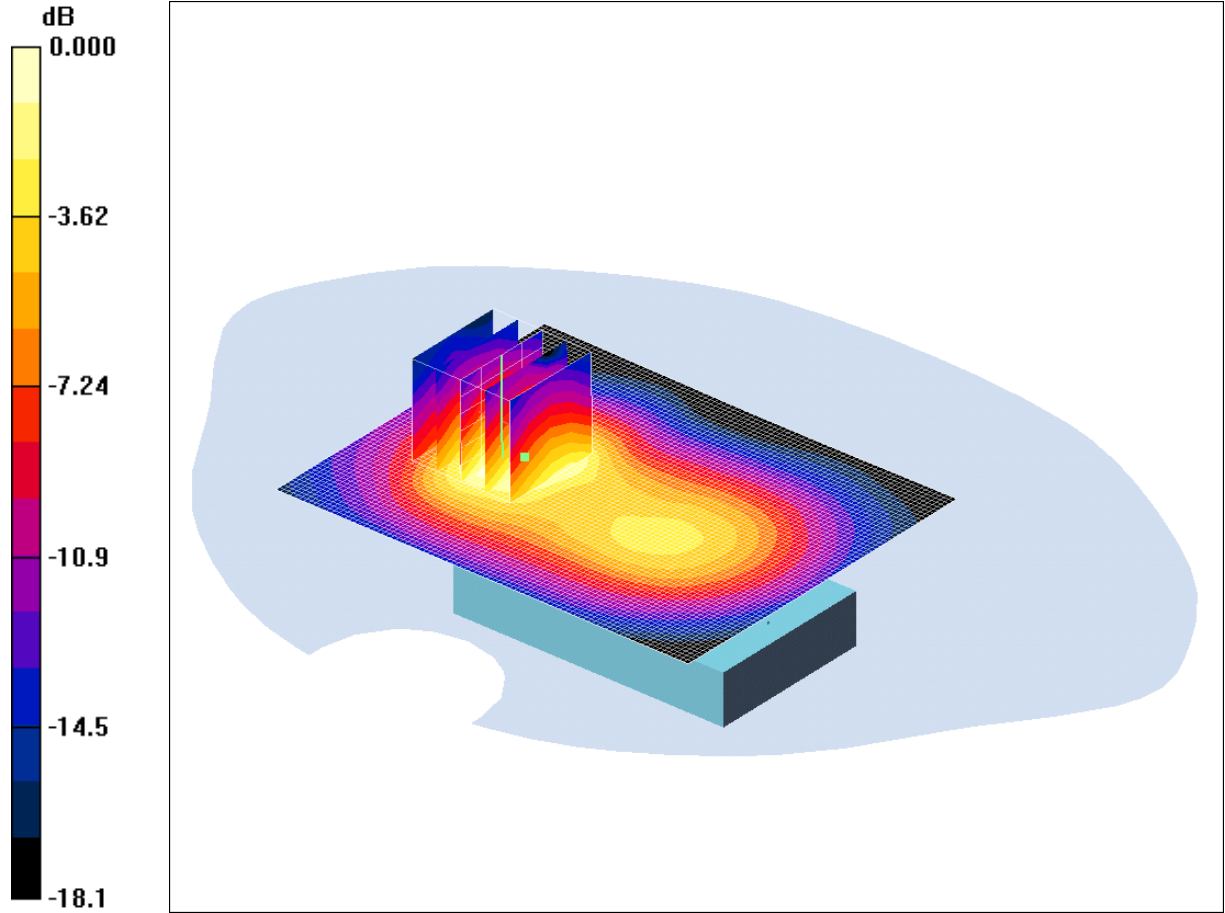
**SAR(1 g) = 0.164 mW/g; SAR(10 g) = 0.100 mW/g**

Maximum value of SAR (measured) = 0.173 mW/g

SCN/81726JD04/024: Rear of EUT Facing Phantom GPRS CH661

Date 07/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.449mW/g

Communication System: GPRS 1900 (Class 12); Frequency: 1880 MHz; Duty Cycle: 1:2.67

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 51.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3508; ConvF(8.56, 8.56, 8.56); Calibrated: 15/02/2011

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

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

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

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

**Rear of EUT Facing Phantom - Middle/Area Scan (71x91x1):** Measurement grid: dx=15mm, dy=15mm

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

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

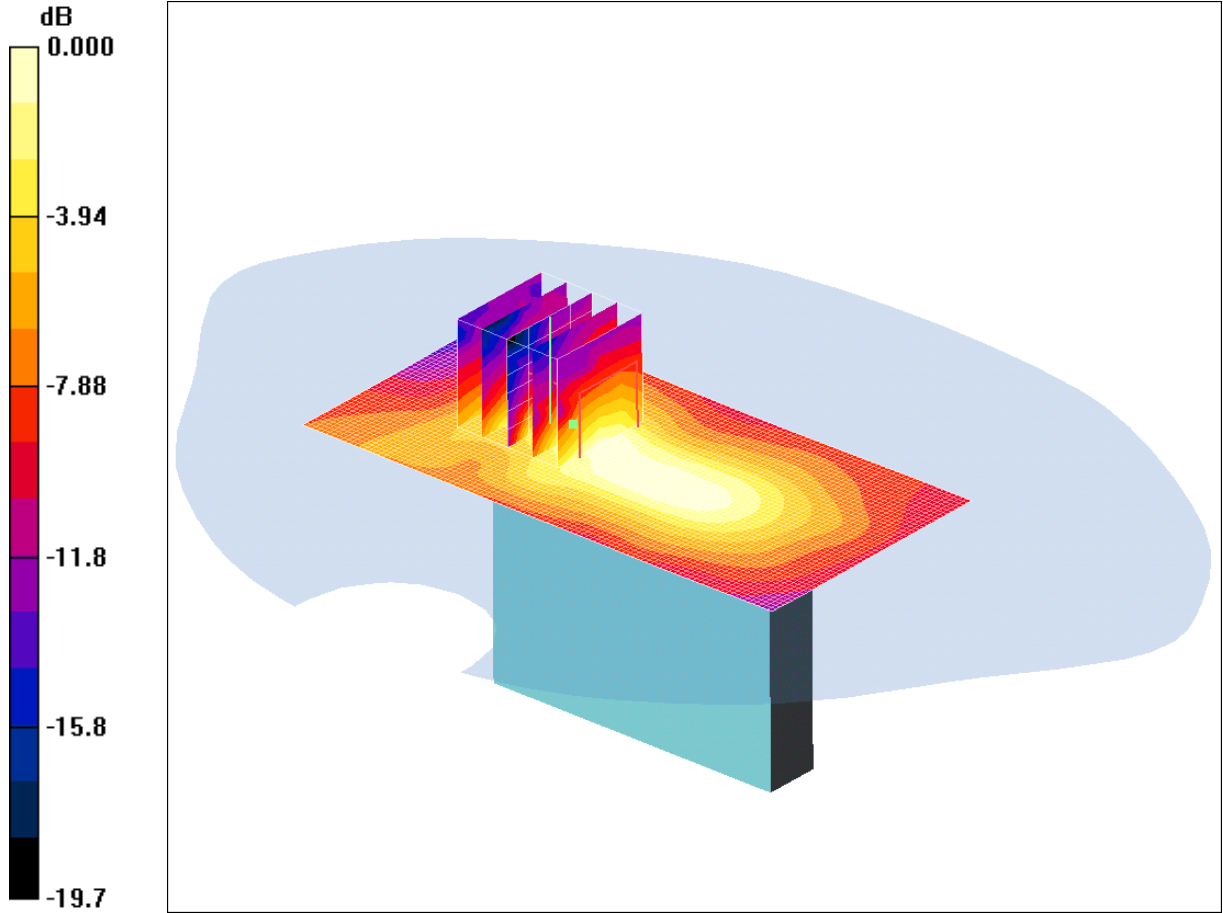
Reference Value = 10.5 V/m; Power Drift = 0.032 dB

Peak SAR (extrapolated) = 0.757 W/kg

**SAR(1 g) = 0.442 mW/g; SAR(10 g) = 0.243 mW/g**

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

SCN/81726JD04/025: Left Hand Side of EUT Facing Phantom GPRS CH661  
Date 07/06/2011  
DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



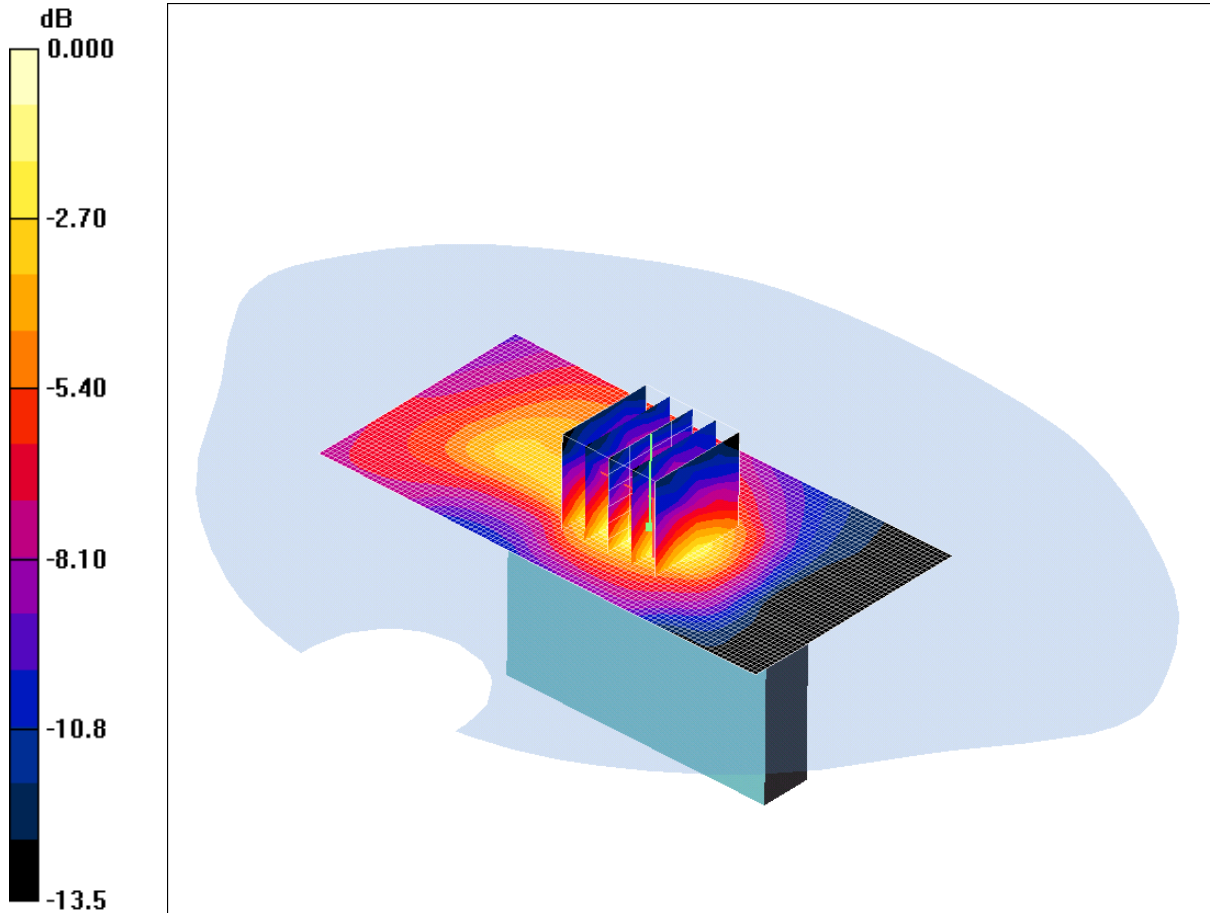
0 dB = 0.115mW/g

Communication System: GPRS 1900 (Class 12); Frequency: 1880 MHz; Duty Cycle: 1:2.67  
Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 51.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
DASY4 Configuration:  
- Probe: EX3DV3 - SN3508; ConvF(8.56, 8.56, 8.56); Calibrated: 15/02/2011  
- Sensor-Surface: 4mm (Mechanical Surface Detection)  
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011  
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207  
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176  
**Left Hand Side of EUT Facing Phantom - Middle/Area Scan (51x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.116 mW/g  
**Left Hand Side of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 8.06 V/m; Power Drift = -0.194 dB  
Peak SAR (extrapolated) = 0.208 W/kg  
**SAR(1 g) = 0.105 mW/g; SAR(10 g) = 0.056 mW/g**  
Maximum value of SAR (measured) = 0.115 mW/g

SCN/81726JD04/026: Right Hand Side of EUT Facing Phantom GPRS CH661

Date 07/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.115mW/g

Communication System: GPRS 1900 (Class 12); Frequency: 1880 MHz; Duty Cycle: 1:2.67

Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 51.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3508; ConvF(8.56, 8.56, 8.56); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Right Hand Side Of EUT Facing Phantom Antenna Retracted - Middle/Area Scan (51x101x1):** Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.107 mW/g

**Right Hand Side Of EUT Facing Phantom Antenna Retracted - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:**

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.35 V/m; Power Drift = -0.300 dB

Peak SAR (extrapolated) = 0.148 W/kg

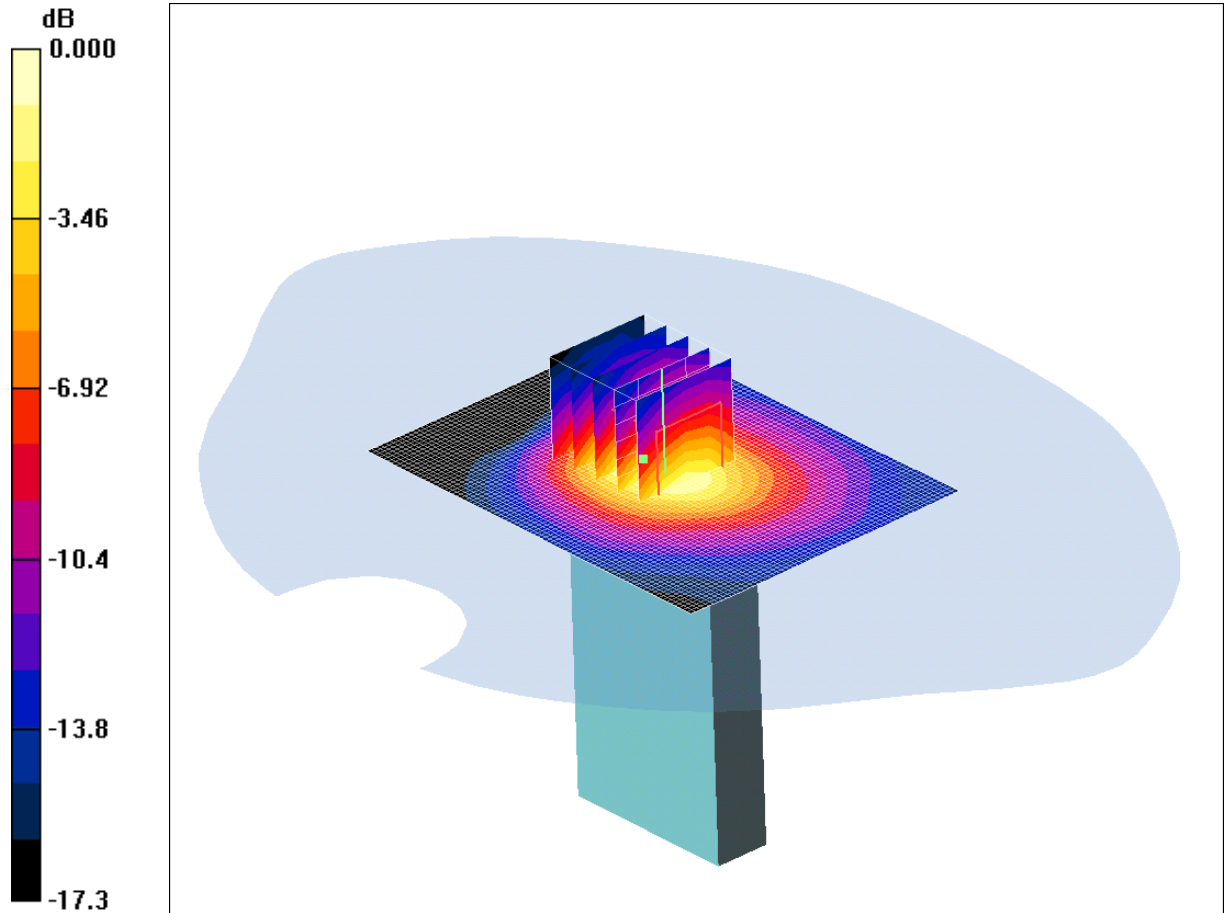
**SAR(1 g) = 0.090 mW/g; SAR(10 g) = 0.054 mW/g**

Maximum value of SAR (measured) = 0.115 mW/g

SCN/81726JD04/027: Top of EUT Facing Phantom GPRS CH661

Date 07/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.410mW/g

Communication System: GPRS 1900 (Class 12); Frequency: 1880 MHz; Duty Cycle: 1:2.67

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 51.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3508; ConvF(8.56, 8.56, 8.56); Calibrated: 15/02/2011

- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

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

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

**Top of EUT Facing Phantom - Middle/Area Scan (61x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.412 mW/g

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

Reference Value = 17.4 V/m; Power Drift = -0.040 dB

Peak SAR (extrapolated) = 0.542 W/kg

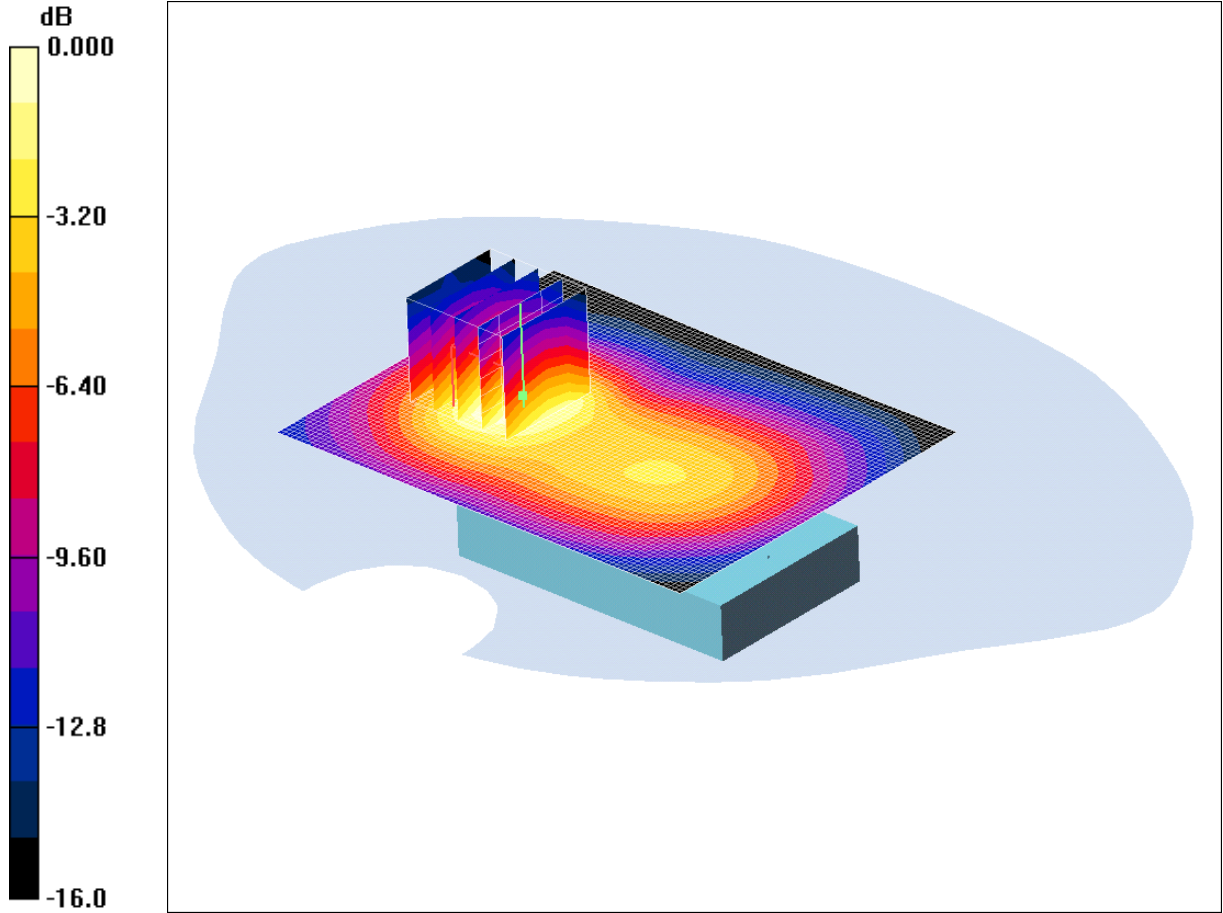
**SAR(1 g) = 0.322 mW/g; SAR(10 g) = 0.182 mW/g**

Maximum value of SAR (measured) = 0.410 mW/g

SCN/81726JD04/028: Rear of EUT Facing Phantom PCS CH661

Date 07/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.365mW/g

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 51.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3508; ConvF(8.56, 8.56, 8.56); Calibrated: 15/02/2011

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

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

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

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

**Rear of EUT Facing Phantom - Middle/Area Scan (71x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.397 mW/g

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

Reference Value = 9.99 V/m; Power Drift = -0.053 dB

Peak SAR (extrapolated) = 0.566 W/kg

**SAR(1 g) = 0.347 mW/g; SAR(10 g) = 0.202 mW/g**

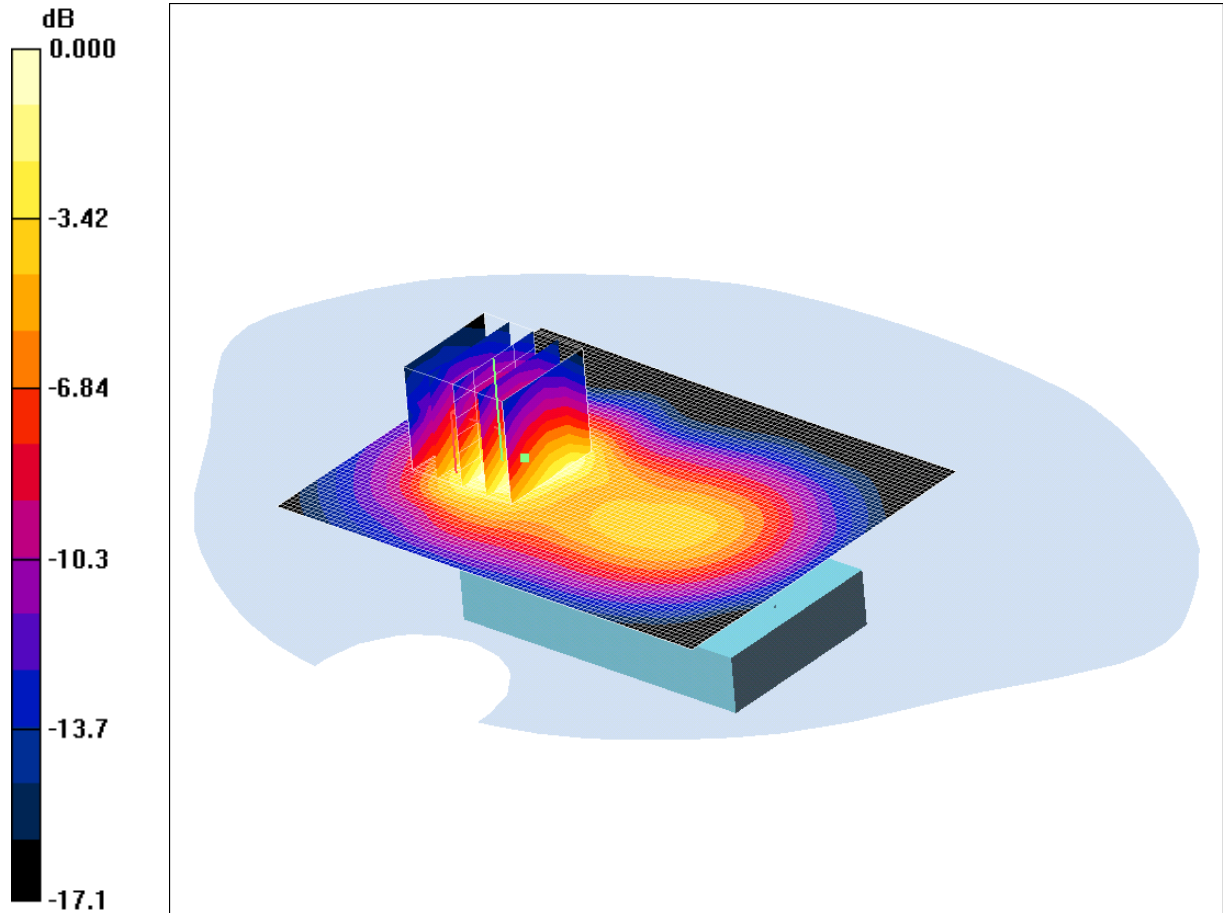
Maximum value of SAR (measured) = 0.365 mW/g



SCN/81726JD04/029: Rear of EUT Facing Phantom EGPRS CH661

Date 07/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.577mW/g

Communication System: EGPRS 1900 Class 12; Frequency: 1880 MHz; Duty Cycle: 1:2.67

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 51.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3508; ConvF(8.56, 8.56, 8.56); Calibrated: 15/02/2011

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

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

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

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

**Rear of EUT Facing Phantom - Middle/Area Scan (71x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.668 mW/g

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

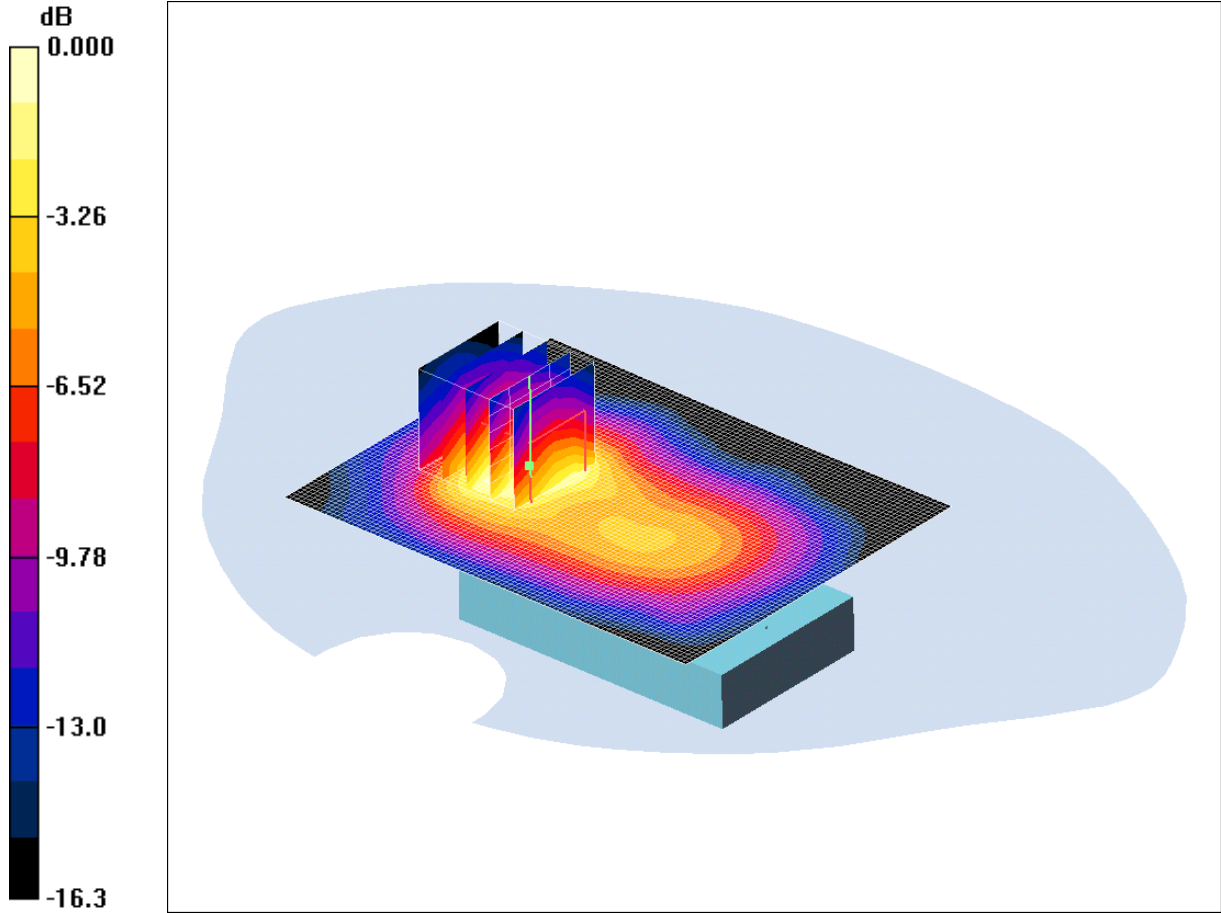
Reference Value = 11.6 V/m; Power Drift = -0.096 dB

Peak SAR (extrapolated) = 0.949 W/kg

**SAR(1 g) = 0.573 mW/g; SAR(10 g) = 0.302 mW/g**

Maximum value of SAR (measured) = 0.577 mW/g

SCN/81726JD04/030: Rear of EUT Facing Phantom EGPRS CH512  
Date 07/06/2011  
DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.394mW/g

Communication System: EGPRS 1900 Class 12; Frequency: 1850.2 MHz; Duty Cycle: 1:2.67  
Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 51.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
DASY4 Configuration:

- Probe: EX3DV3 - SN3508; ConvF(8.56, 8.56, 8.56); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Rear of EUT Facing Phantom - Low/Area Scan (71x91x1):** Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 9.48 V/m; Power Drift = -0.174 dB

Peak SAR (extrapolated) = 0.645 W/kg

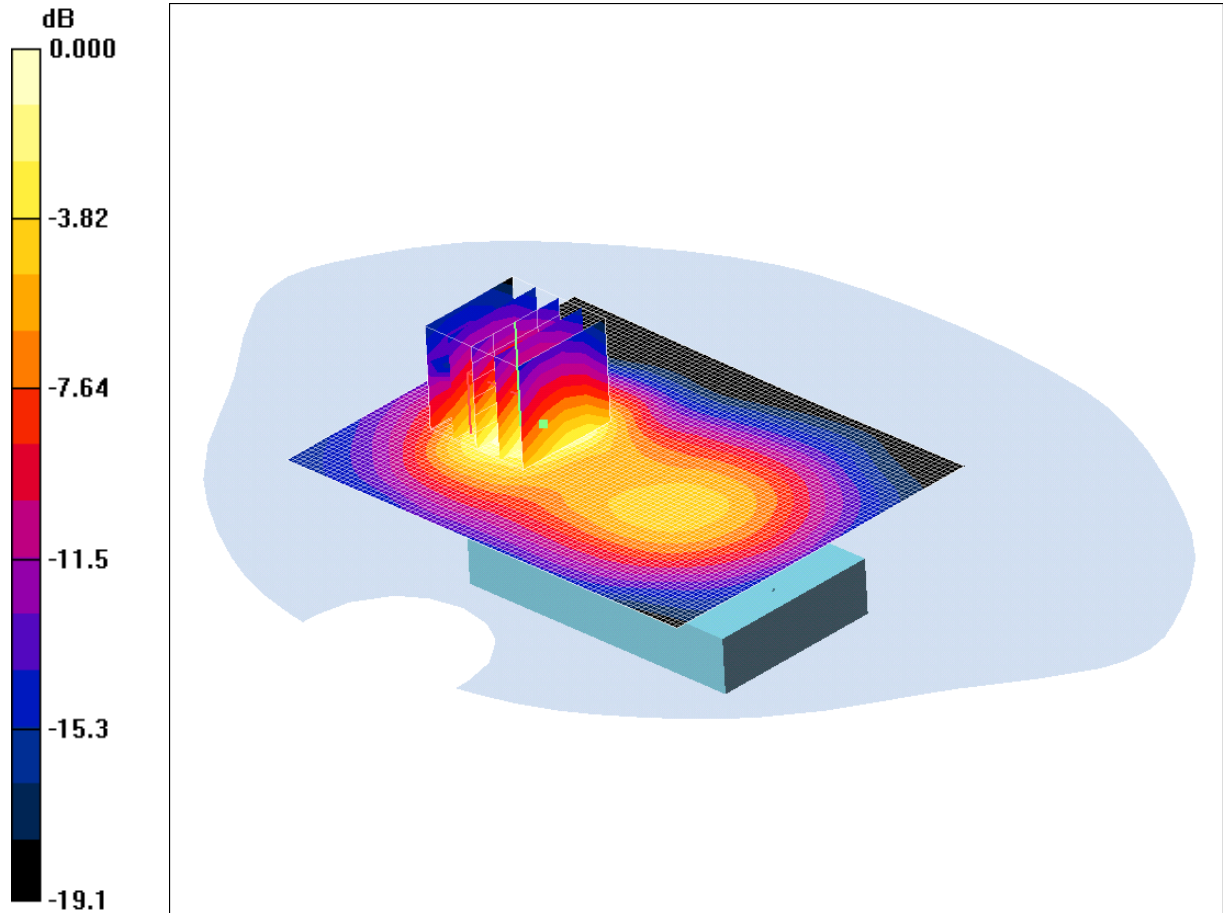
**SAR(1 g) = 0.384 mW/g; SAR(10 g) = 0.210 mW/g**

Maximum value of SAR (measured) = 0.394 mW/g

SCN/81726JD04/031: Rear of EUT Facing Phantom EGPRS CH810

Date 07/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.694mW/g

Communication System: EGPRS 1900 Class 12; Frequency: 1909.8 MHz; Duty Cycle: 1:2.67

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1909.8$  MHz;  $\sigma = 1.56$  mho/m;  $\epsilon_r = 51.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3508; ConvF(8.56, 8.56, 8.56); Calibrated: 15/02/2011

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

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

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

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

**Rear of EUT Facing Phantom - High/Area Scan (71x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.795 mW/g

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

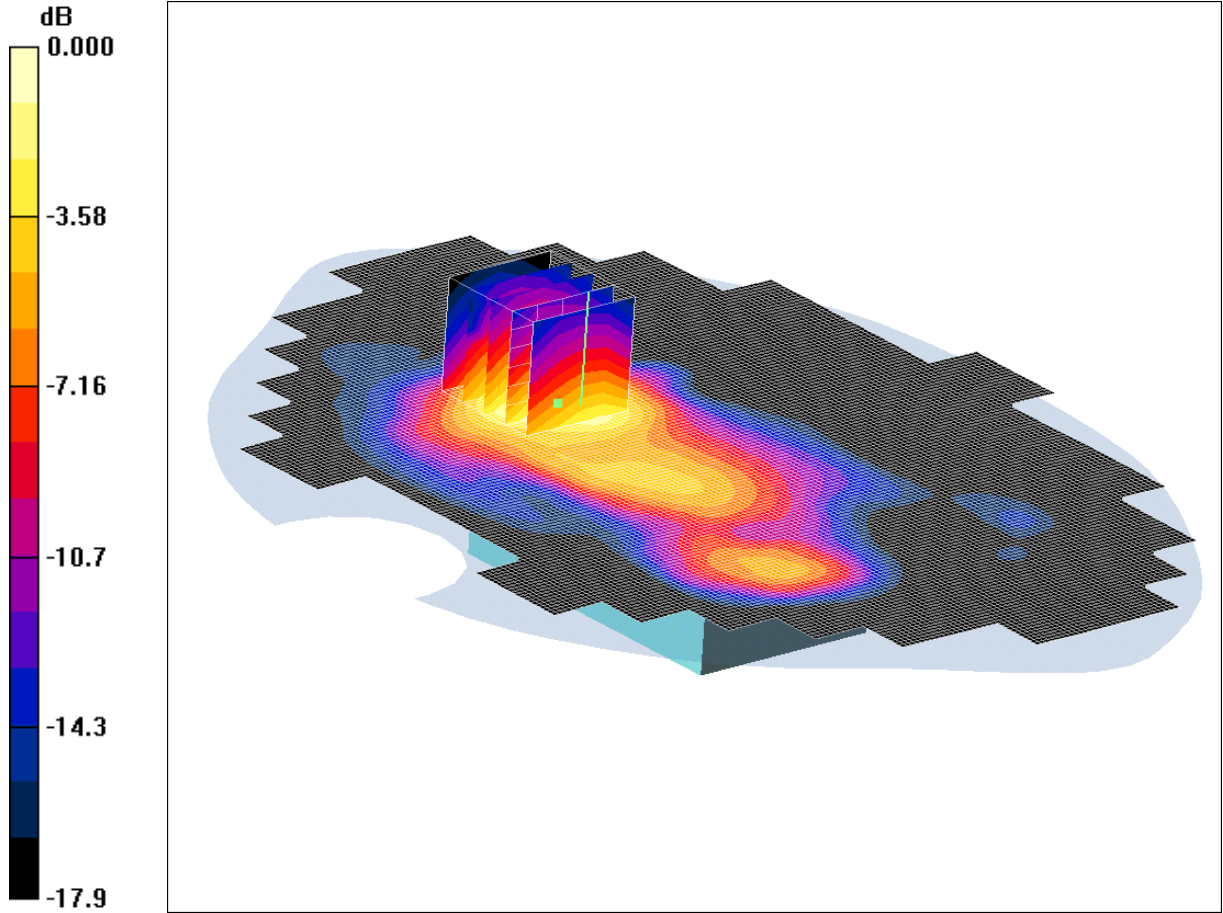
Reference Value = 11.6 V/m; Power Drift = -0.248 dB

Peak SAR (extrapolated) = 1.18 W/kg

**SAR(1 g) = 0.670 mW/g; SAR(10 g) = 0.356 mW/g**

Maximum value of SAR (measured) = 0.694 mW/g

SCN/81726JD04/032: Rear of EUT Facing Phantom with PHF EGPRS CH810  
Date 07/06/2011  
DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.714mW/g

Communication System: EGPRS 1900 Class 12; Frequency: 1909.8 MHz; Duty Cycle: 1:2.67  
Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1909.8$  MHz;  $\sigma = 1.56$  mho/m;  $\epsilon_r = 51.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
DASY4 Configuration:

- Probe: EX3DV3 - SN3508; ConvF(8.56, 8.56, 8.56); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Rear of EUT Facing Phantom with PHF - High/Area Scan (131x181x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.869 mW/g

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

Reference Value = 11.9 V/m; Power Drift = -0.274 dB

Peak SAR (extrapolated) = 1.17 W/kg

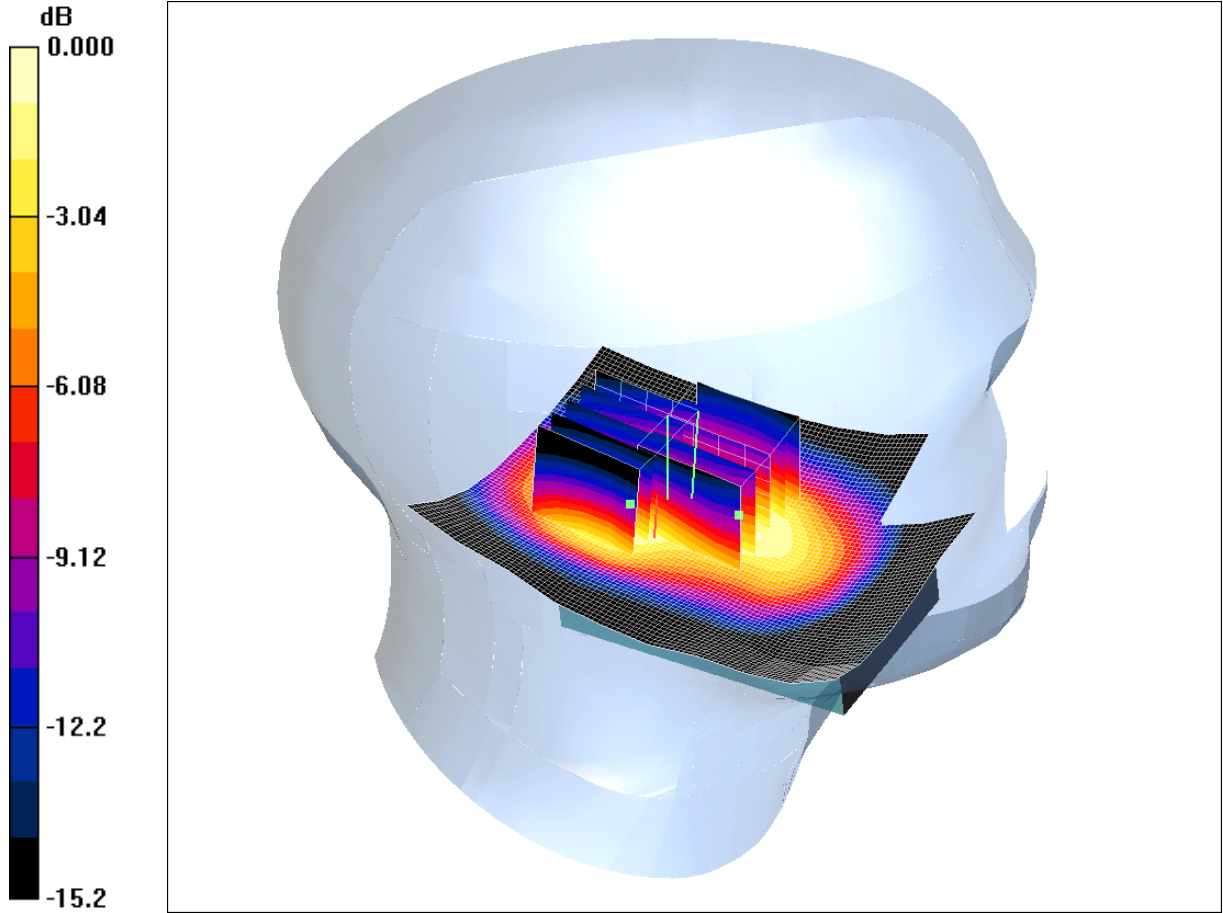
**SAR(1 g) = 0.683 mW/g; SAR(10 g) = 0.370 mW/g**

Maximum value of SAR (measured) = 0.714 mW/g

SCN/81726JD04/033: Touch Left UMTS FDD II CH9400

Date 13/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.770mW/g

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

Medium: 1900 MHz HSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.37$  mho/m;  $\epsilon_r = 39$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(5.23, 5.23, 5.23); Calibrated: 12/05/2011

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

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- 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 (71x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.804 mW/g

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

Reference Value = 24.4 V/m; Power Drift = -0.238 dB

Peak SAR (extrapolated) = 1.02 W/kg

**SAR(1 g) = 0.706 mW/g; SAR(10 g) = 0.434 mW/g**

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

**Touch Left- Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.4 V/m; Power Drift = -0.238 dB

Peak SAR (extrapolated) = 1.01 W/kg

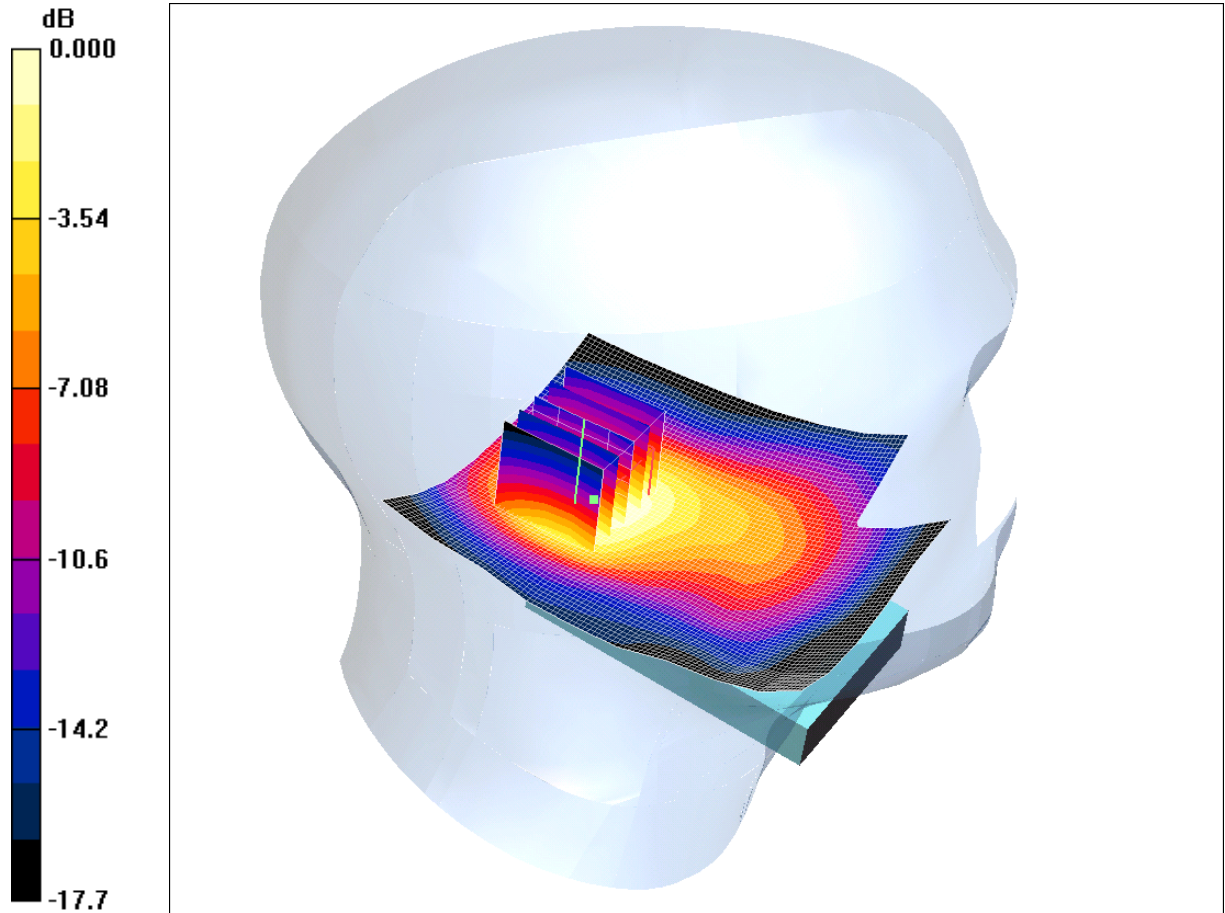
**SAR(1 g) = 0.714 mW/g; SAR(10 g) = 0.449 mW/g**

Maximum value of SAR (measured) = 0.770 mW/g

SCN/81726JD04/034: Tilt Left UMTS FDD II CH9400

Date 13/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.705mW/g

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

Medium: 1900 MHz HSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.37$  mho/m;  $\epsilon_r = 39$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(5.23, 5.23, 5.23); Calibrated: 12/05/2011

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

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- 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 (71x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.794 mW/g

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

Reference Value = 24.3 V/m; Power Drift = -0.148 dB

Peak SAR (extrapolated) = 1.07 W/kg

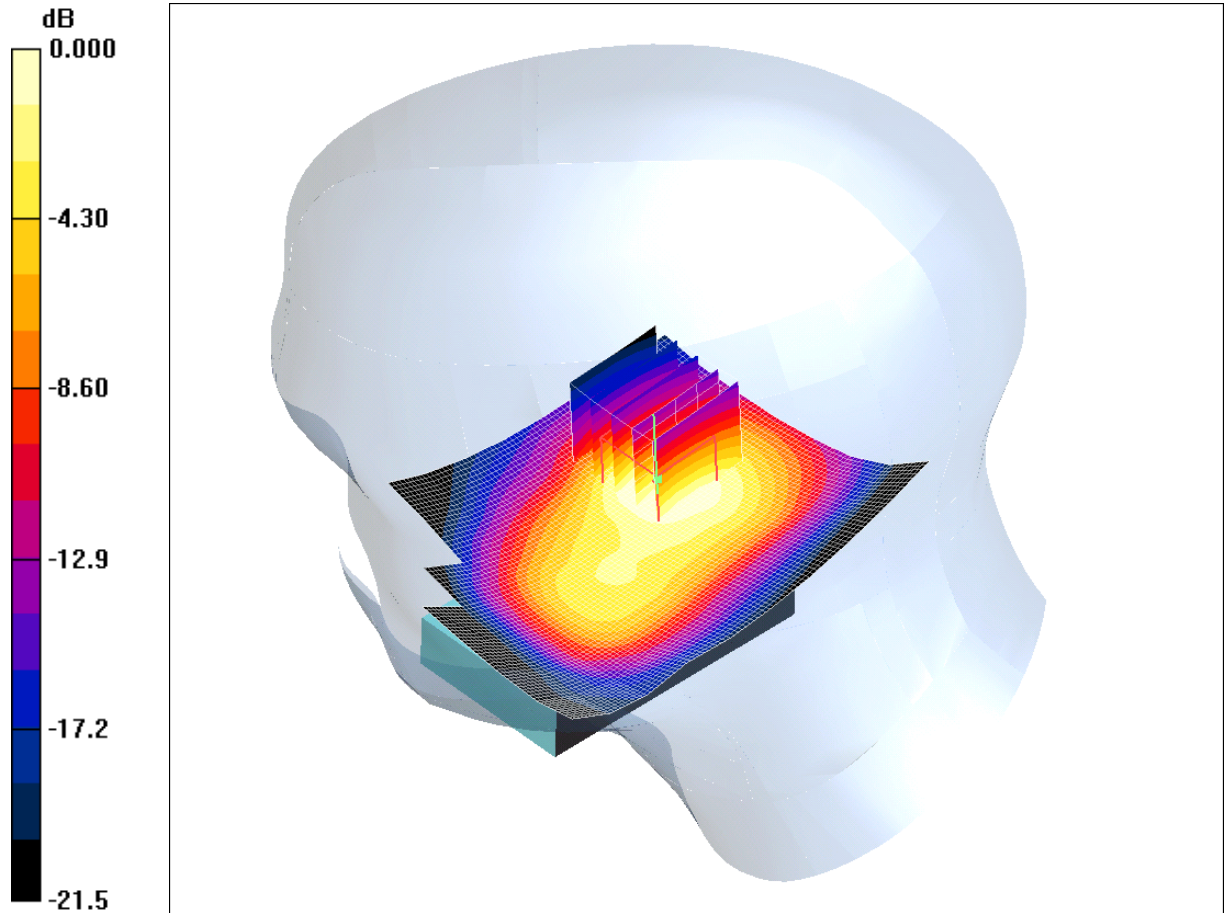
**SAR(1 g) = 0.671 mW/g; SAR(10 g) = 0.400 mW/g**

Maximum value of SAR (measured) = 0.705 mW/g

SCN/81726JD04/035: Touch Right UMTS FDD II CH9400

Date 13/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.960mW/g

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

Medium: 1900 MHz HSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.37$  mho/m;  $\epsilon_r = 39$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(5.23, 5.23, 5.23); Calibrated: 12/05/2011

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

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- 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 (71x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.04 mW/g

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

Reference Value = 24.2 V/m; Power Drift = 0.017 dB

Peak SAR (extrapolated) = 1.57 W/kg

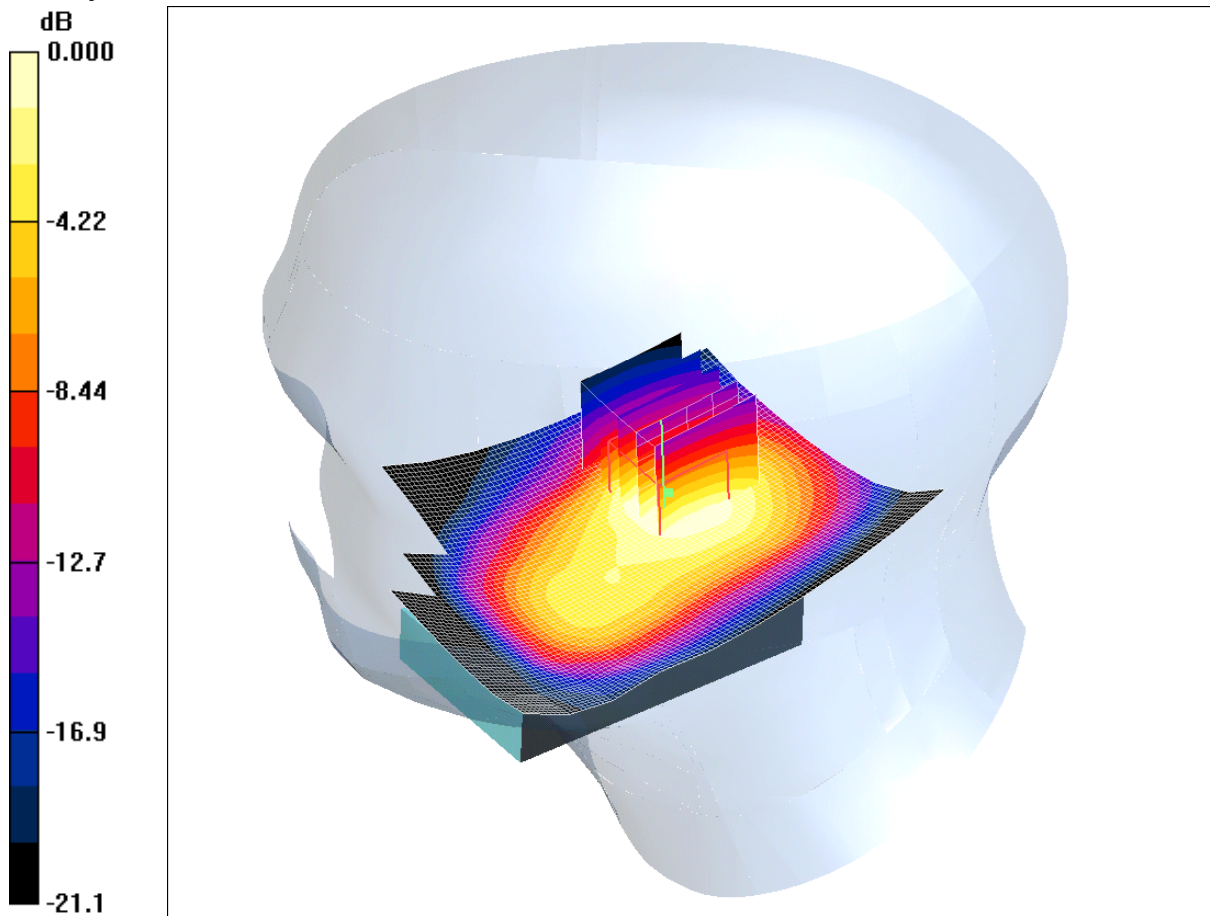
**SAR(1 g) = 0.913 mW/g; SAR(10 g) = 0.507 mW/g**

Maximum value of SAR (measured) = 0.960 mW/g

SCN/81726JD04/036: Touch Right UMTS FDD II CH9262

Date 13/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.983mW/g

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

Medium: 1900 MHz HSL Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.34$  mho/m;  $\epsilon_r = 39.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(5.23, 5.23, 5.23); Calibrated: 12/05/2011

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

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- 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 (71x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.07 mW/g

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

Reference Value = 24.9 V/m; Power Drift = -0.128 dB

Peak SAR (extrapolated) = 1.55 W/kg

**SAR(1 g) = 0.925 mW/g; SAR(10 g) = 0.515 mW/g**

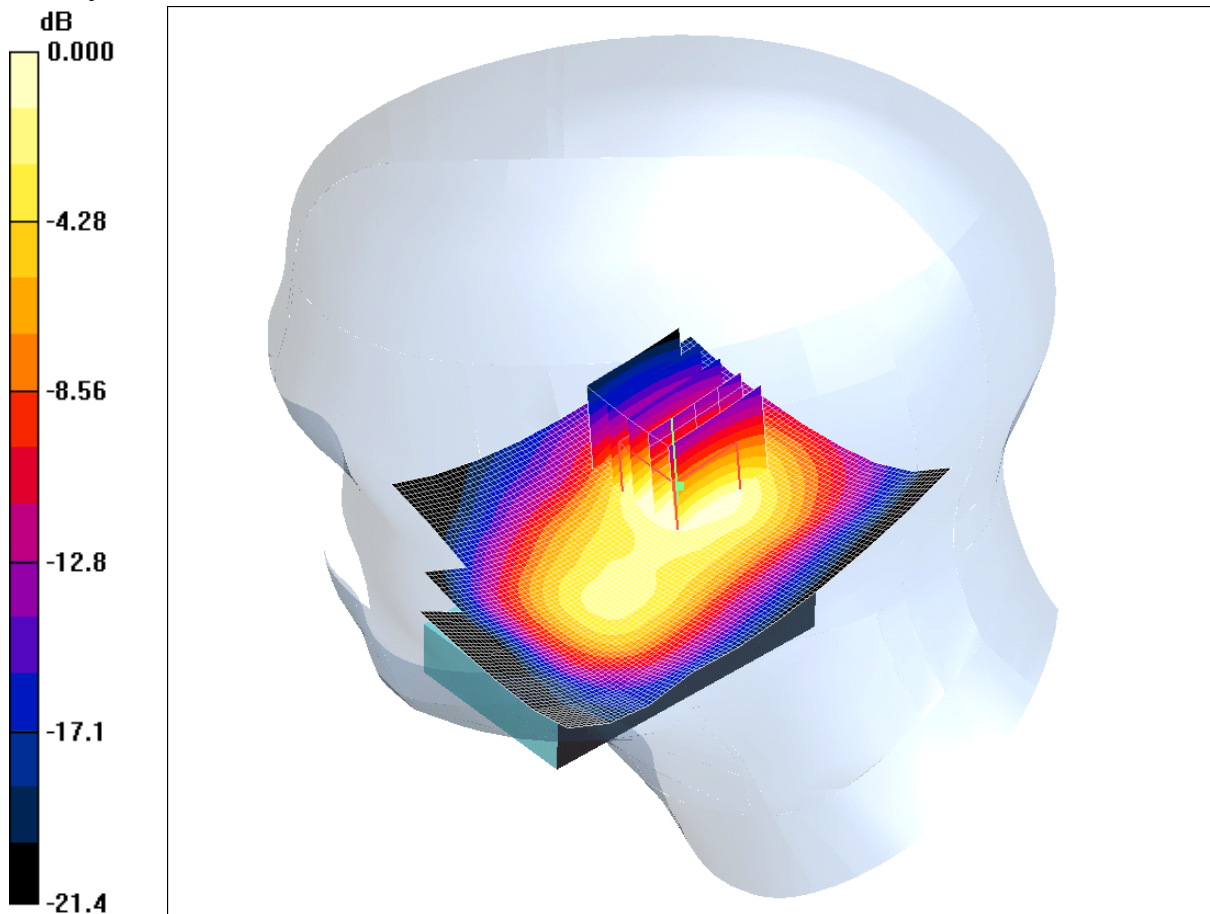
Maximum value of SAR (measured) = 0.983 mW/g



SCN/81726JD04/037: Touch Right UMTS FDD II CH9538

Date 13/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 1.06mW/g

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

Medium: 1900 MHz HSL Medium parameters used (interpolated):  $f = 1907.6$  MHz;  $\sigma = 1.39$  mho/m;  $\epsilon_r = 38.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(5.23, 5.23, 5.23); Calibrated: 12/05/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 (71x91x1):** Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 26.2 V/m; Power Drift = -0.195 dB

Peak SAR (extrapolated) = 1.76 W/kg

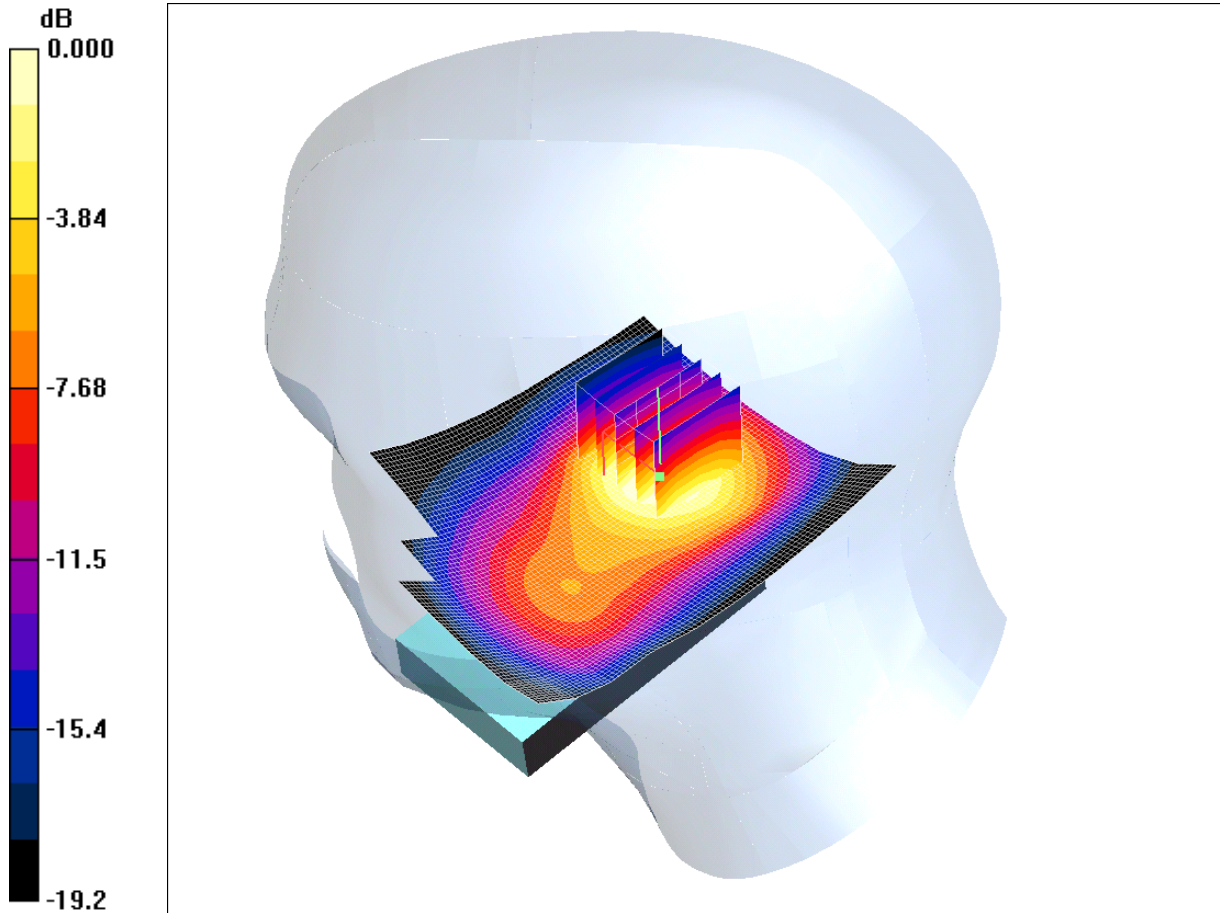
**SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.561 mW/g**

Maximum value of SAR (measured) = 1.06 mW/g

SCN/81726JD04/038: Tilt Right UMTS FDD II CH9400

Date 13/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.936mW/g

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

Medium: 1900 MHz HSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.37$  mho/m;  $\epsilon_r = 39$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(5.23, 5.23, 5.23); Calibrated: 12/05/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 (71x91x1):** Measurement grid: dx=15mm, dy=15mm

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

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

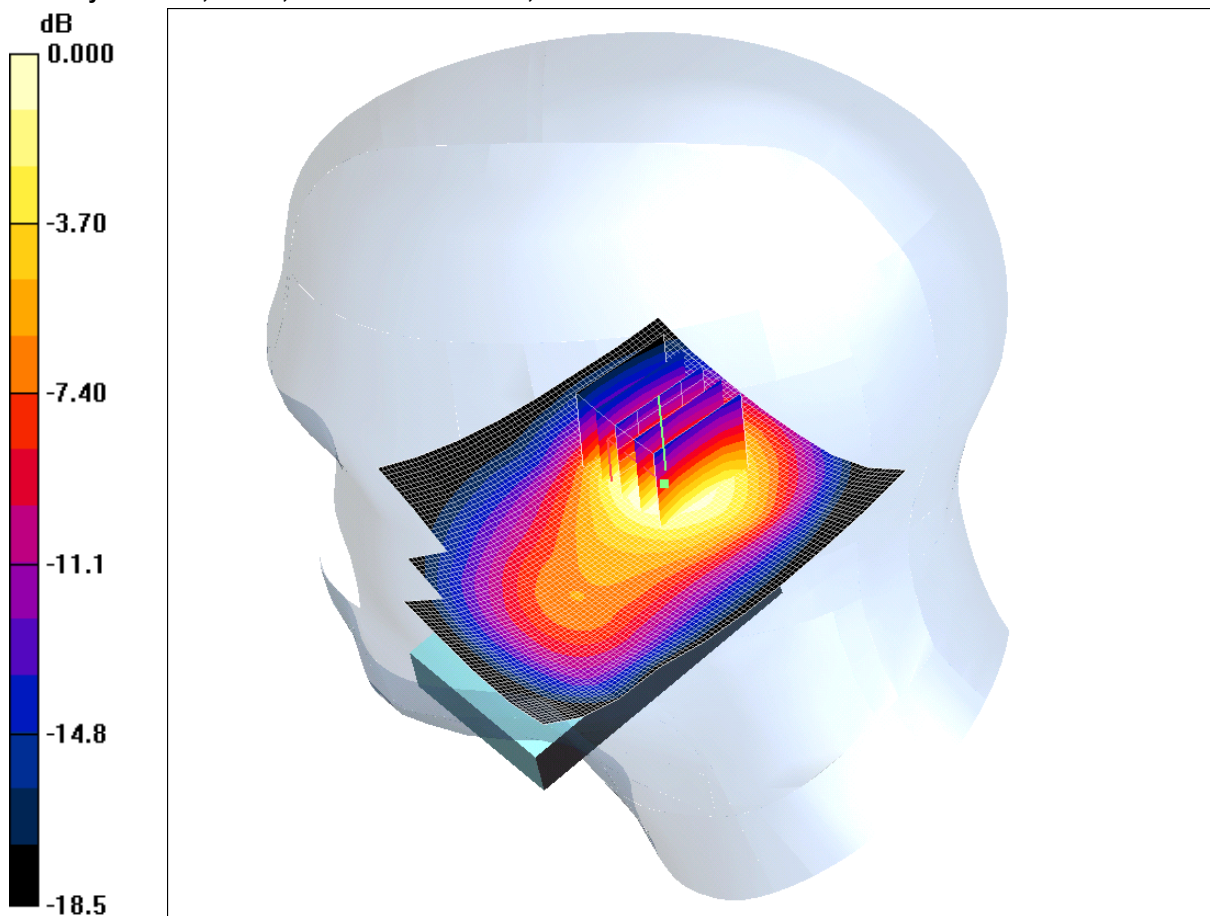
Reference Value = 26.2 V/m; Power Drift = -0.115 dB

Peak SAR (extrapolated) = 1.51 W/kg

**SAR(1 g) = 0.886 mW/g; SAR(10 g) = 0.501 mW/g**

Maximum value of SAR (measured) = 0.936 mW/g

SCN/81726JD04/039: Tilt Right UMTS FDD II CH9262  
Date 13/06/2011  
DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



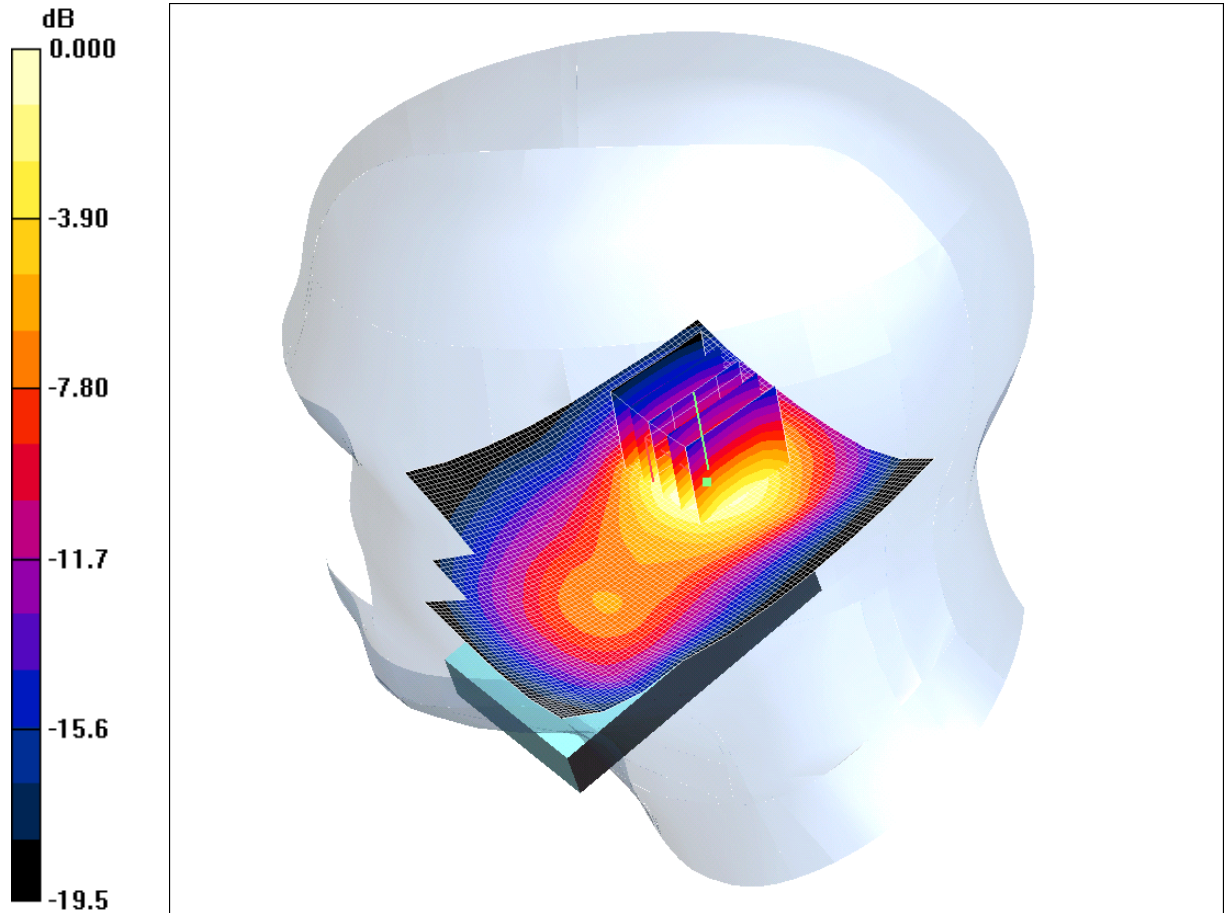
0 dB = 0.871mW/g

Communication System: UMTS-FDD II; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
Medium: 1900 MHz HSL Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.34$  mho/m;  $\epsilon_r = 39.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section  
DASY4 Configuration:  
- Probe: ET3DV6 - SN1611; ConvF(5.23, 5.23, 5.23); Calibrated: 12/05/2011  
- Sensor-Surface: 4mm (Mechanical Surface Detection)  
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011  
- 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 - Low/Area Scan (71x91x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.955 mW/g  
**Tilt Right - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 25.4 V/m; Power Drift = -0.048 dB  
Peak SAR (extrapolated) = 1.38 W/kg  
**SAR(1 g) = 0.827 mW/g; SAR(10 g) = 0.476 mW/g**  
Maximum value of SAR (measured) = 0.871 mW/g

SCN/81726JD04/040: Tilt Right UMTS FDD II CH9538

Date 13/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.922mW/g

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

Medium: 1900 MHz HSL Medium parameters used (interpolated):  $f = 1907.6$  MHz;  $\sigma = 1.39$  mho/m;  $\epsilon_r = 38.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(5.23, 5.23, 5.23); Calibrated: 12/05/2011

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

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- 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 (71x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.04 mW/g

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

Reference Value = 27.8 V/m; Power Drift = -0.014 dB

Peak SAR (extrapolated) = 1.47 W/kg

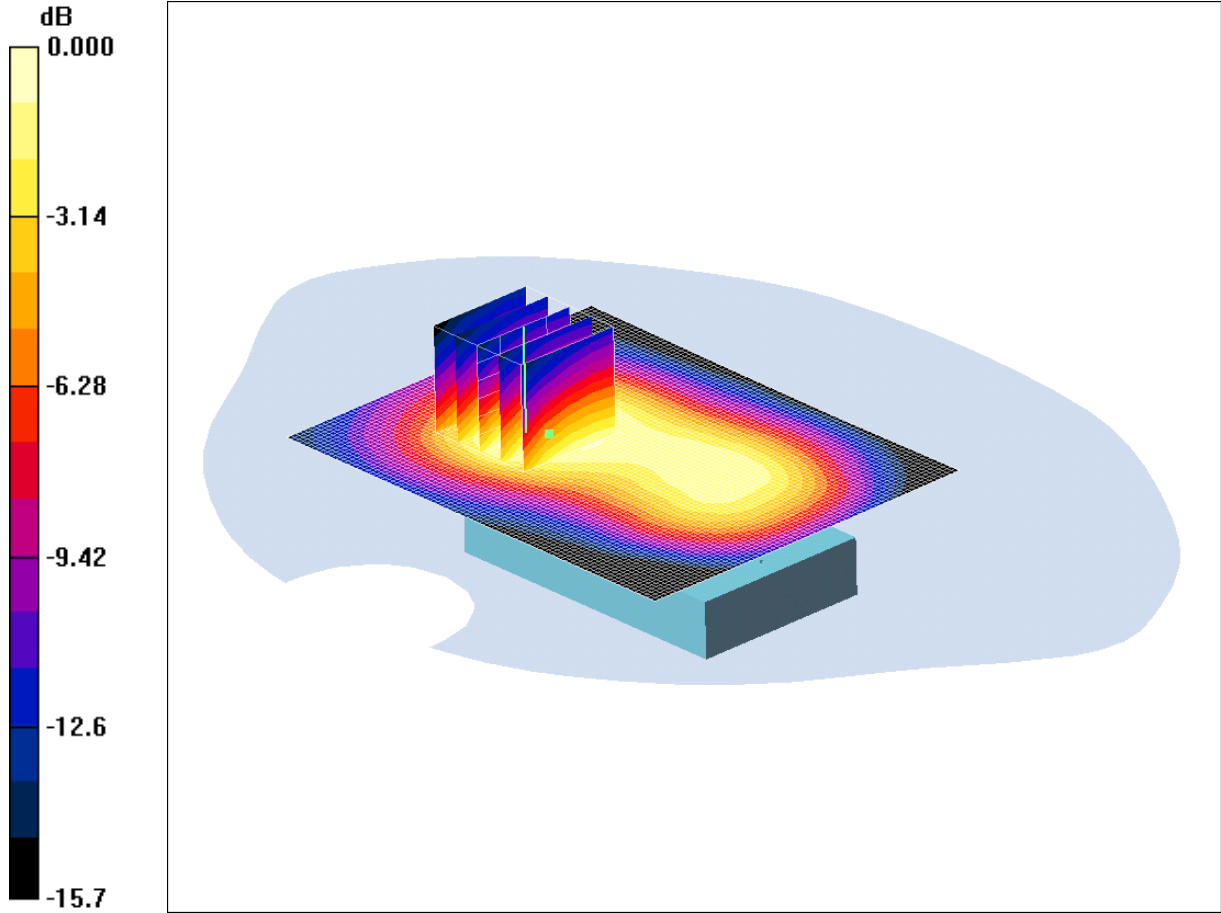
**SAR(1 g) = 0.861 mW/g; SAR(10 g) = 0.485 mW/g**

Maximum value of SAR (measured) = 0.922 mW/g

SCN/81726JD04/041: Front of EUT Facing Phantom UMTS FDD II CH9400

Date 10/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.359mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.56$  mho/m;  $\epsilon_r = 51.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3508; ConvF(8.56, 8.56, 8.56); Calibrated: 15/02/2011

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

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

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

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

**Front of EUT Facing Phantom - Middle/Area Scan (71x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.379 mW/g

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

Reference Value = 12.5 V/m; Power Drift = -0.045 dB

Peak SAR (extrapolated) = 0.569 W/kg

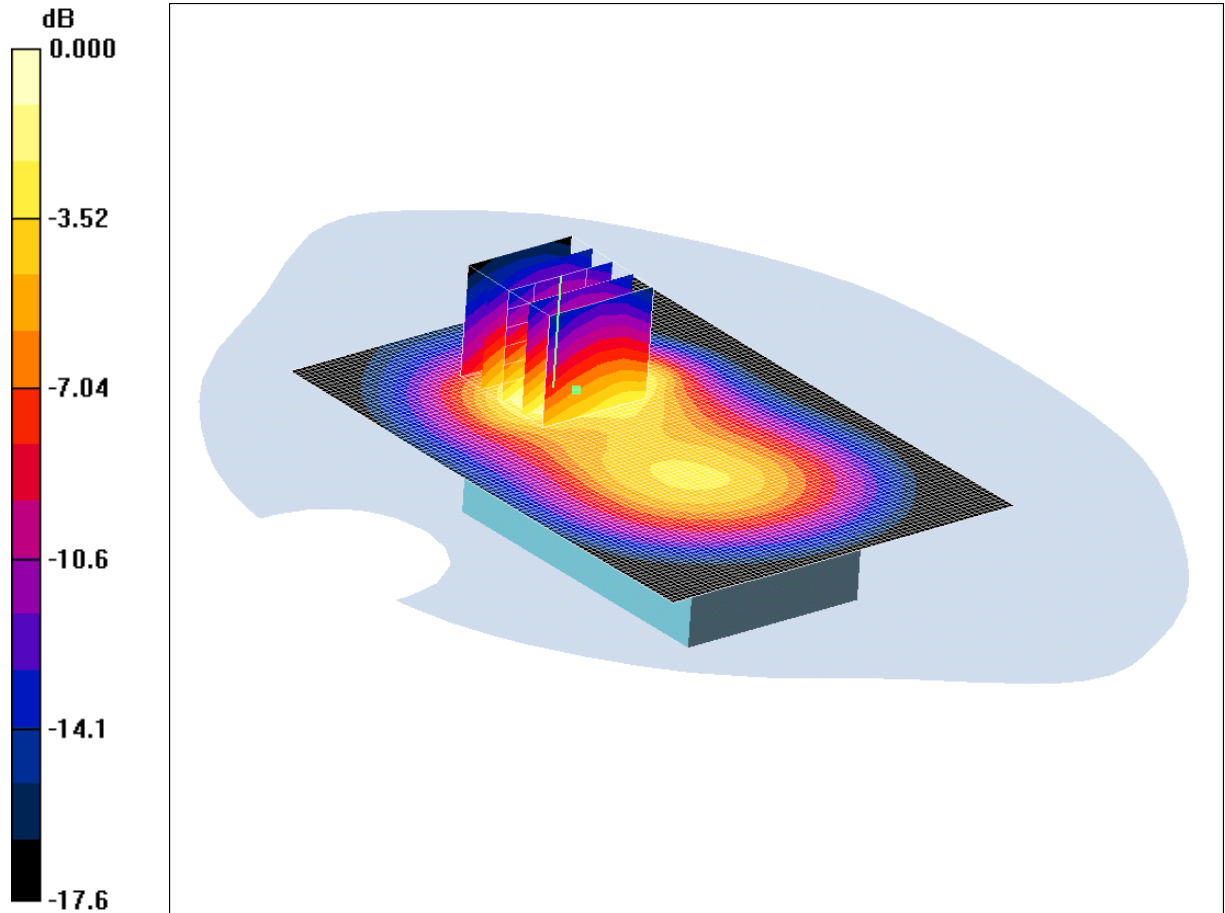
**SAR(1 g) = 0.343 mW/g; SAR(10 g) = 0.208 mW/g**

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

SCN/81726JD04/042: Rear of EUT Facing Phantom UMTS FDD II CH9400

Date: 26/05/2011

DUT: Sony Ericsson ST15a ; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 1.37mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.57$  mho/m;  $\epsilon_r = 52.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3508; ConvF(8.56, 8.56, 8.56); Calibrated: 15/02/2011

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

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- 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 (71x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.56 mW/g

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

Reference Value = 19.2 V/m; Power Drift = -0.392 dB

Peak SAR (extrapolated) = 2.24 W/kg

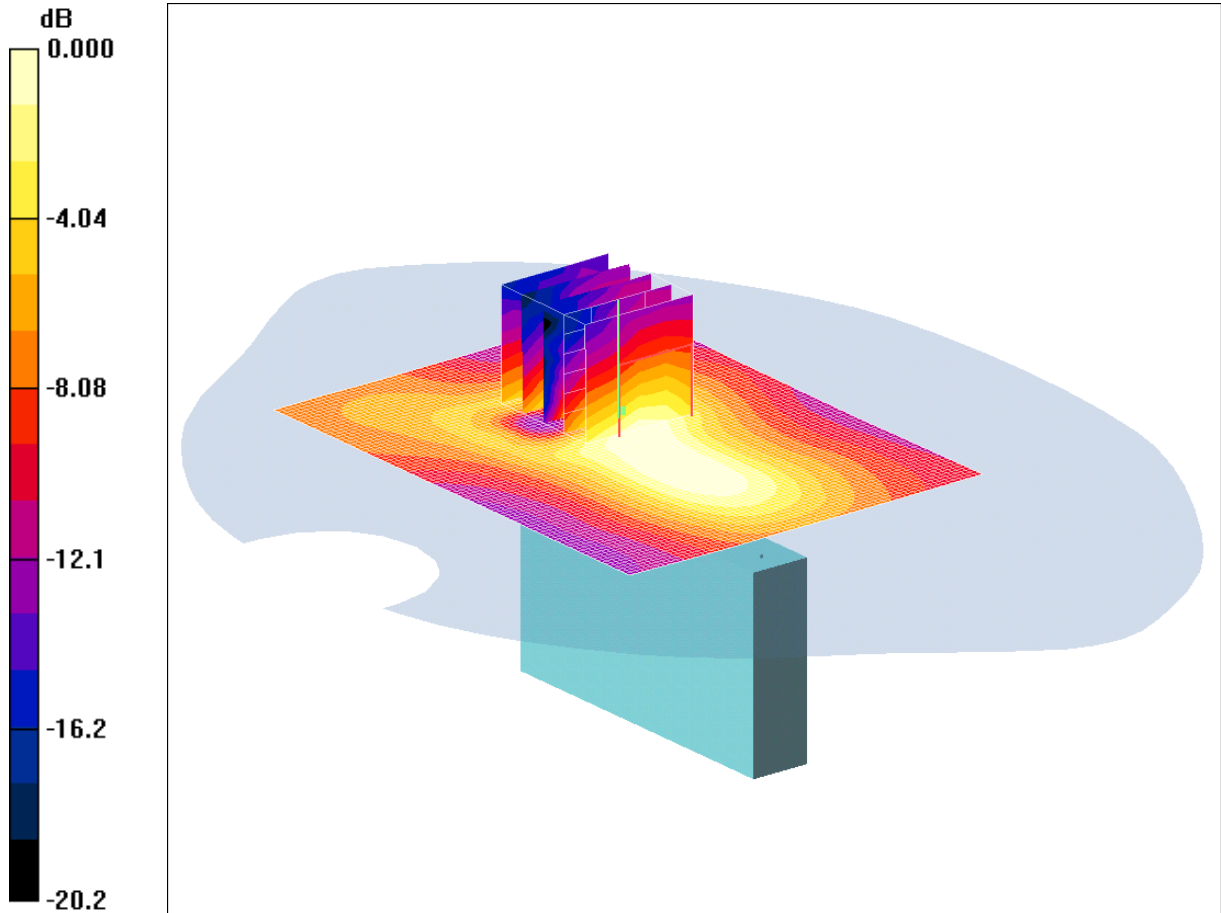
**SAR(1 g) = 1.32 mW/g; SAR(10 g) = 0.740 mW/g**

Maximum value of SAR (measured) = 1.37 mW/g

SCN/81726JD04/043: Left Hand Side of EUT Facing Phantom UMTS FDD II CH9400

Date 10/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.156mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.56$  mho/m;  $\epsilon_r = 51.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3508; ConvF(8.56, 8.56, 8.56); Calibrated: 15/02/2011

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

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

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

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

**Left Hand Side of EUT Facing Phantom - Middle/Area Scan (71x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.205 mW/g

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

Reference Value = 9.91 V/m; Power Drift = -0.015 dB

Peak SAR (extrapolated) = 0.285 W/kg

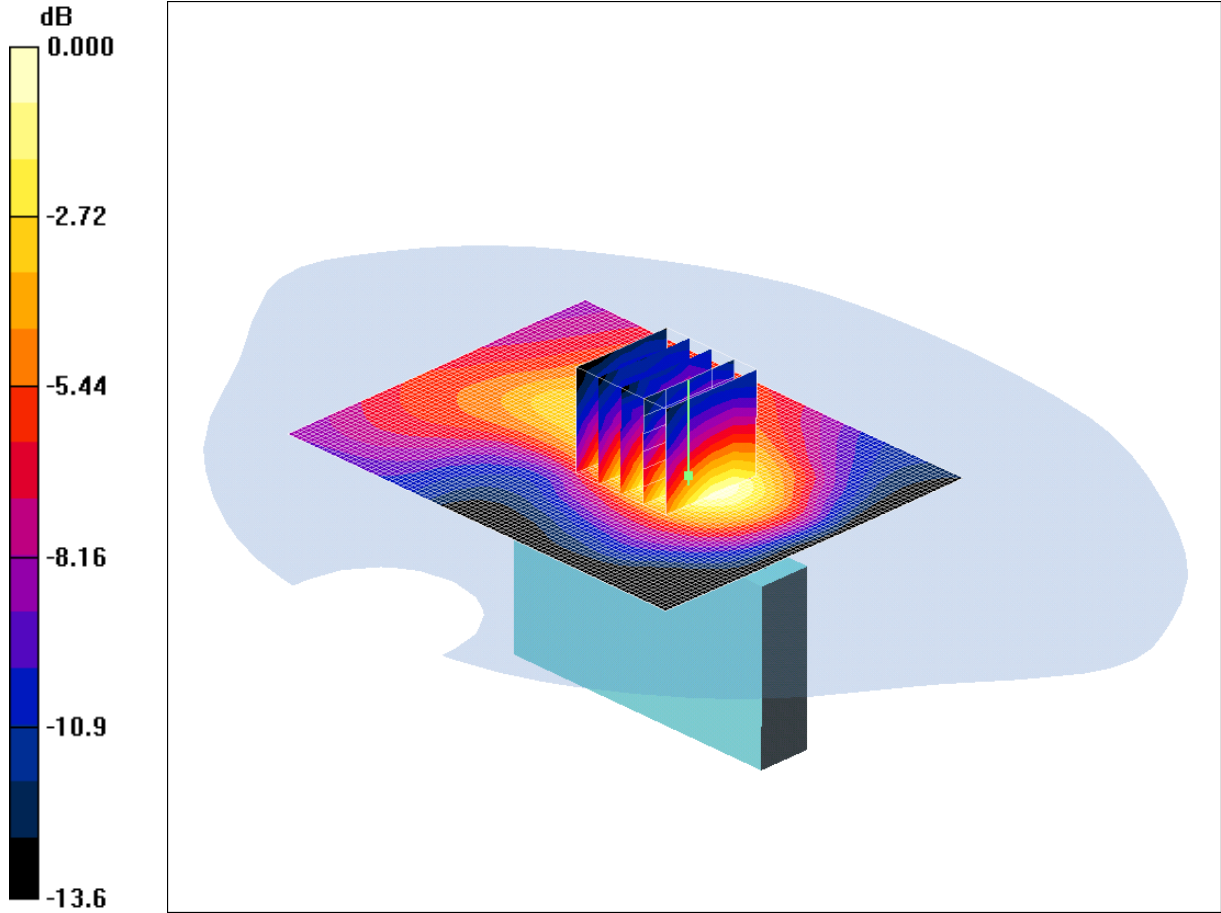
**SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.080 mW/g**

Maximum value of SAR (measured) = 0.156 mW/g

SCN/81726JD04/044: Right Hand Side of EUT Facing Phantom UMTS FDD II CH9400

Date 11/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.144mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.56$  mho/m;  $\epsilon_r = 51.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3508; ConvF(8.56, 8.56, 8.56); Calibrated: 15/02/2011

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

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

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

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

**Right Hand Side of EUT Facing Phantom - Middle/Area Scan (71x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.151 mW/g

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

Reference Value = 9.61 V/m; Power Drift = -0.030 dB

Peak SAR (extrapolated) = 0.229 W/kg

**SAR(1 g) = 0.139 mW/g; SAR(10 g) = 0.082 mW/g**

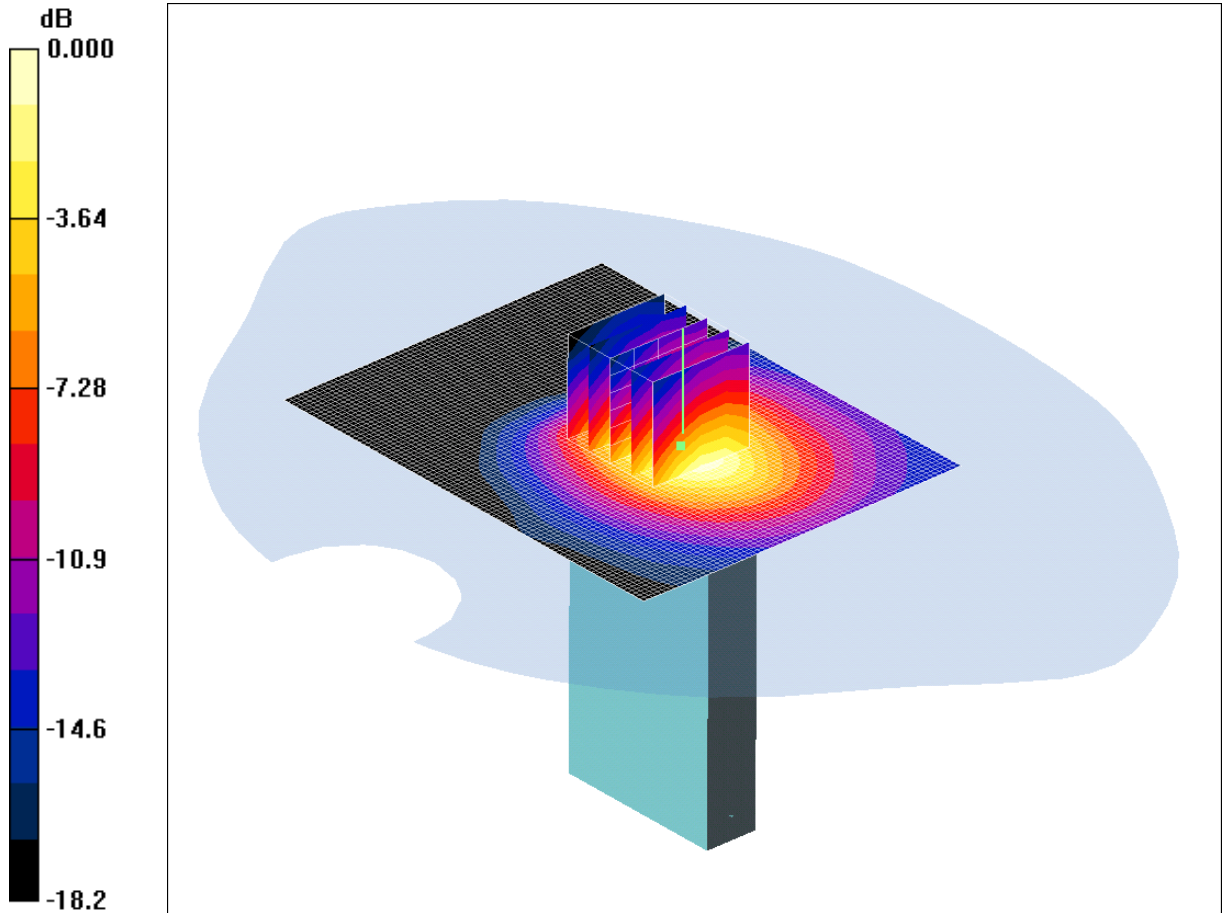
Maximum value of SAR (measured) = 0.144 mW/g



SCN/81726JD04/045: Top of EUT Facing Phantom UMTS FDD II CH9400

Date 11/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.552mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.56$  mho/m;  $\epsilon_r = 51.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3508; ConvF(8.56, 8.56, 8.56); Calibrated: 15/02/2011

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

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

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

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

**Top of EUT Facing Phantom - Middle/Area Scan (71x91x1):** Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 17.7 V/m; Power Drift = -0.069 dB

Peak SAR (extrapolated) = 0.878 W/kg

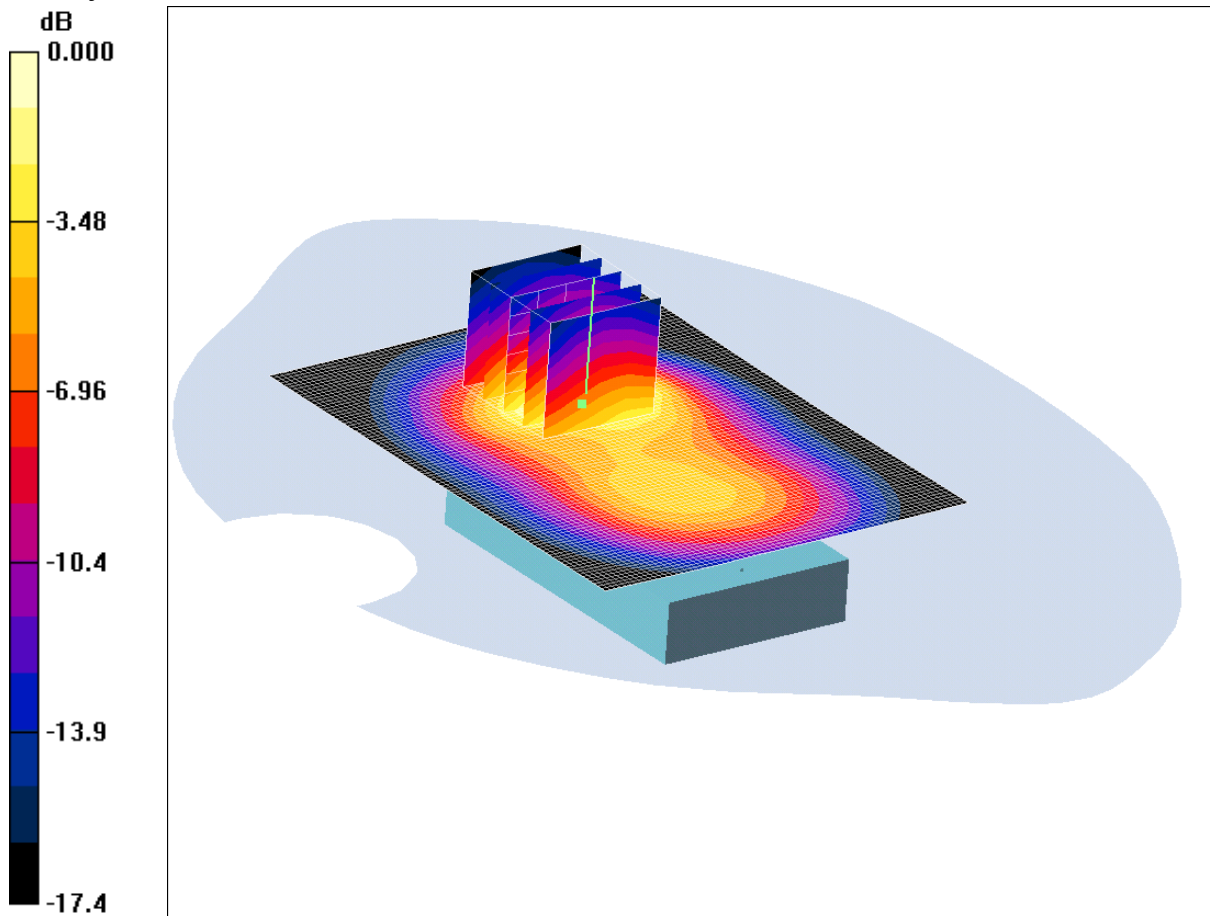
**SAR(1 g) = 0.513 mW/g; SAR(10 g) = 0.287 mW/g**

Maximum value of SAR (measured) = 0.552 mW/g

SCN/81726JD04/046: Rear of EUT Facing Phantom UMTS FDD II + HSDPA CH9400

Date 14/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.881mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz;  $\sigma = 1.57$  mho/m;  $\epsilon_r = 51.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(4.55, 4.55, 4.55); Calibrated: 12/05/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Rear of EUT Facing Phantom - High/Area Scan (71x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.950 mW/g

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

Reference Value = 14.6 V/m; Power Drift = -0.090 dB

Peak SAR (extrapolated) = 1.30 W/kg

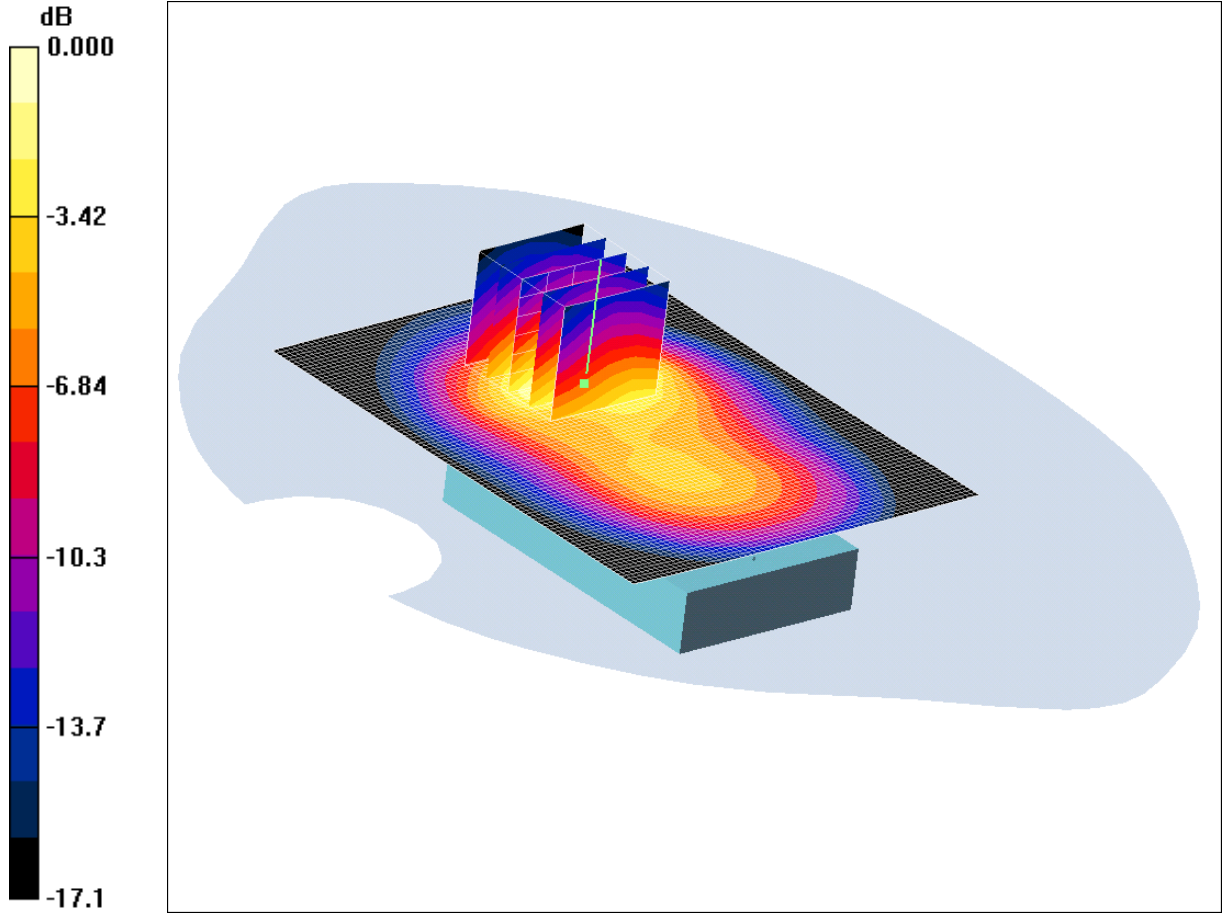
**SAR(1 g) = 0.798 mW/g; SAR(10 g) = 0.450 mW/g**

Maximum value of SAR (measured) = 0.881 mW/g

SCN/81726JD04/047: Rear of EUT Facing Phantom UMTS FDD II + HSPA CH9262

Date 14/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.892mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.54$  mho/m;  $\epsilon_r = 51.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(4.55, 4.55, 4.55); Calibrated: 12/05/2011

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

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

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

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

**Rear of EUT Facing Phantom - Low/Area Scan (71x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.918 mW/g

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

Reference Value = 15.0 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 1.32 W/kg

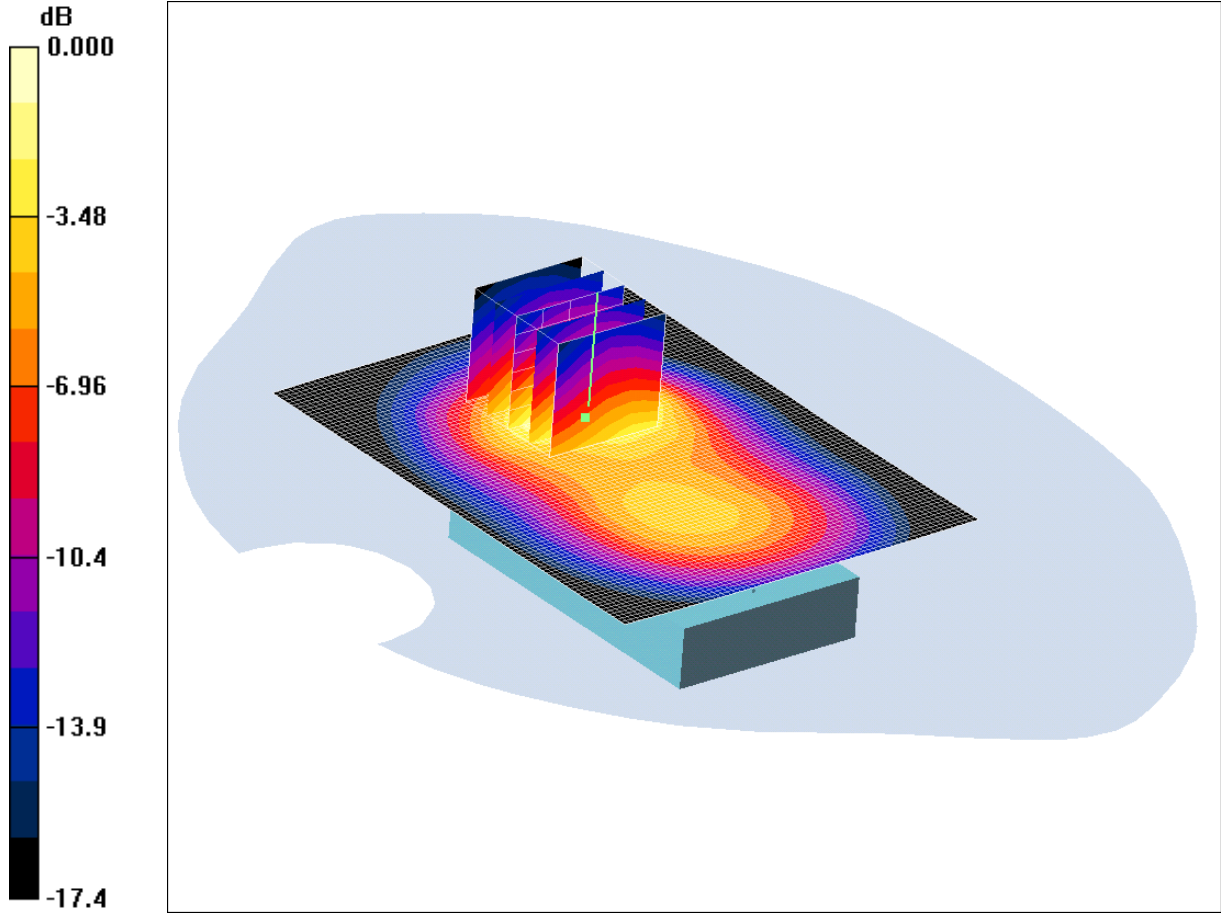
**SAR(1 g) = 0.816 mW/g; SAR(10 g) = 0.463 mW/g**

Maximum value of SAR (measured) = 0.892 mW/g

SCN/81726JD04/048: Rear of EUT Facing Phantom UMTS FDD II + HSPA CH9400

Date 14/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.894mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.57$  mho/m;  $\epsilon_r = 51.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(4.55, 4.55, 4.55); Calibrated: 12/05/2011

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

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

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

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

**Rear of EUT Facing Phantom - Middle/Area Scan (71x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.923 mW/g

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

Reference Value = 14.5 V/m; Power Drift = 0.061 dB

Peak SAR (extrapolated) = 1.34 W/kg

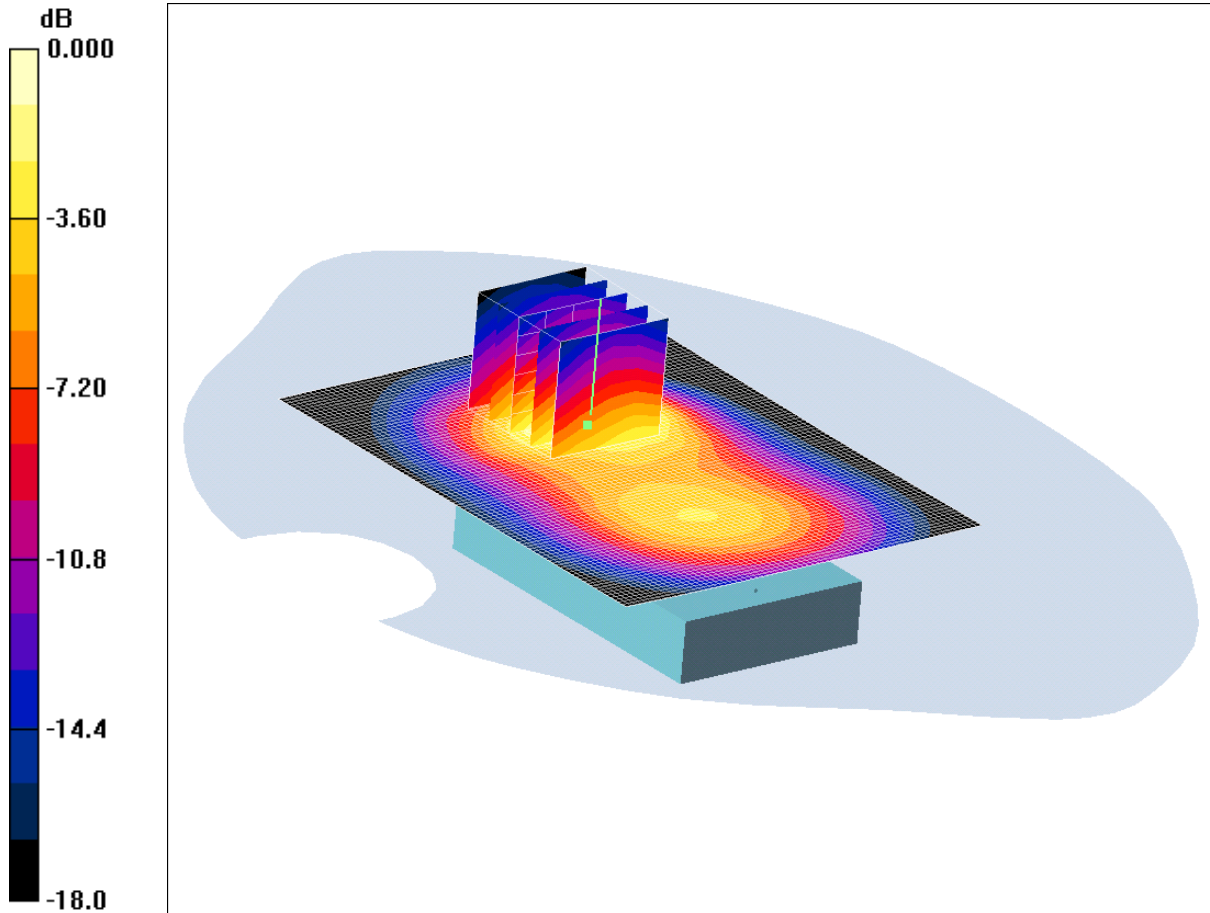
**SAR(1 g) = 0.817 mW/g; SAR(10 g) = 0.459 mW/g**

Maximum value of SAR (measured) = 0.894 mW/g

SCN/81726JD04/049: Rear of EUT Facing Phantom UMTS FDD II + HSPA CH9538

Date 14/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.984mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1907.6$  MHz;  $\sigma = 1.59$  mho/m;  $\epsilon_r = 51.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(4.55, 4.55, 4.55); Calibrated: 12/05/2011

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

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

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

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

**Rear of EUT Facing Phantom - High/Area Scan (71x91x1):** Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 15.1 V/m; Power Drift = -0.096 dB

Peak SAR (extrapolated) = 1.53 W/kg

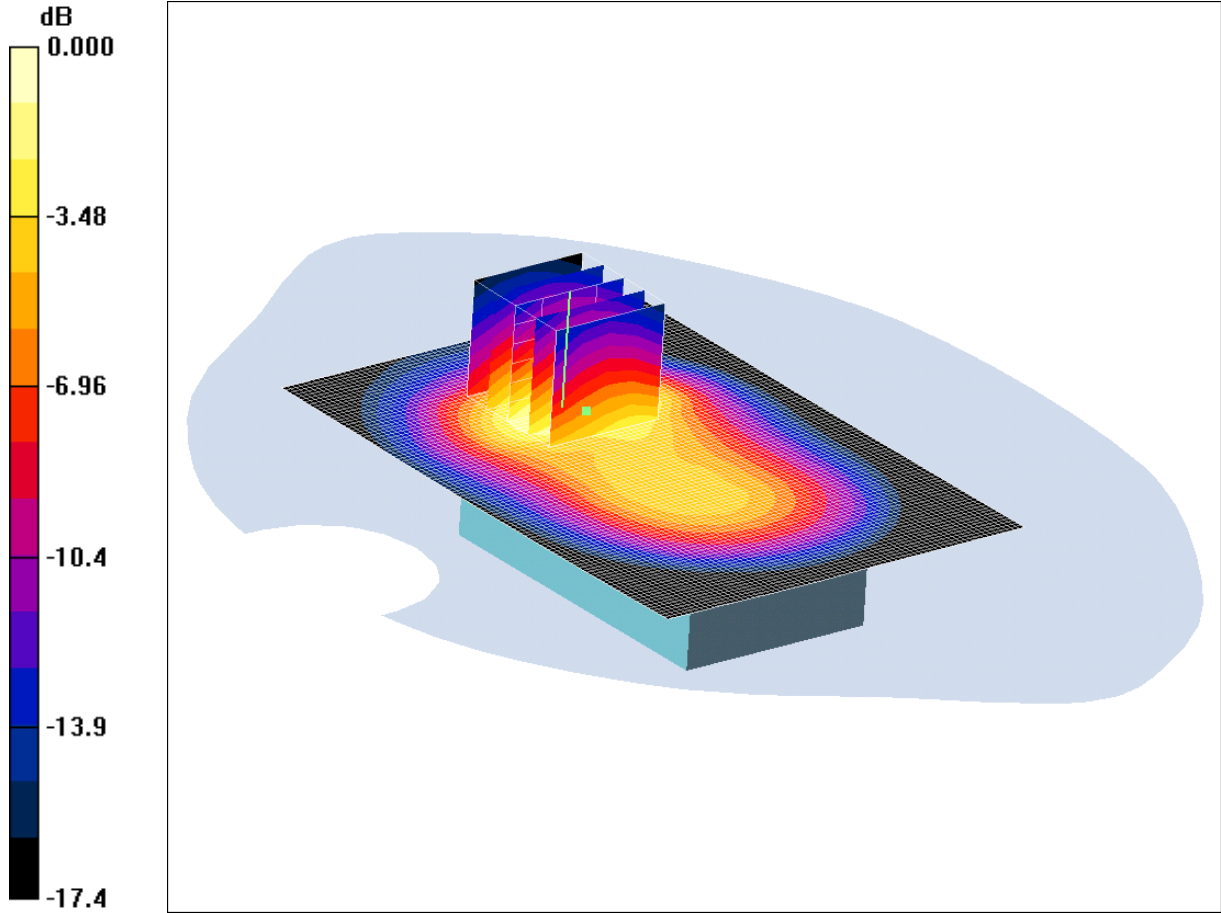
**SAR(1 g) = 0.916 mW/g; SAR(10 g) = 0.508 mW/g**

Maximum value of SAR (measured) = 0.984 mW/g

SCN/81726JD04/050: Rear of EUT Facing Phantom UMTS FDD II CH9262

Date 26/05/2011

DUT: Sony Ericsson ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 1.49mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.54$  mho/m;  $\epsilon_r = 52.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3508; ConvF(8.56, 8.56, 8.56); Calibrated: 15/02/2011

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

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

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

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

**Rear of EUT Facing Phantom - Low/Area Scan (71x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.63 mW/g

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

Reference Value = 19.1 V/m; Power Drift = -0.076 dB

Peak SAR (extrapolated) = 2.29 W/kg

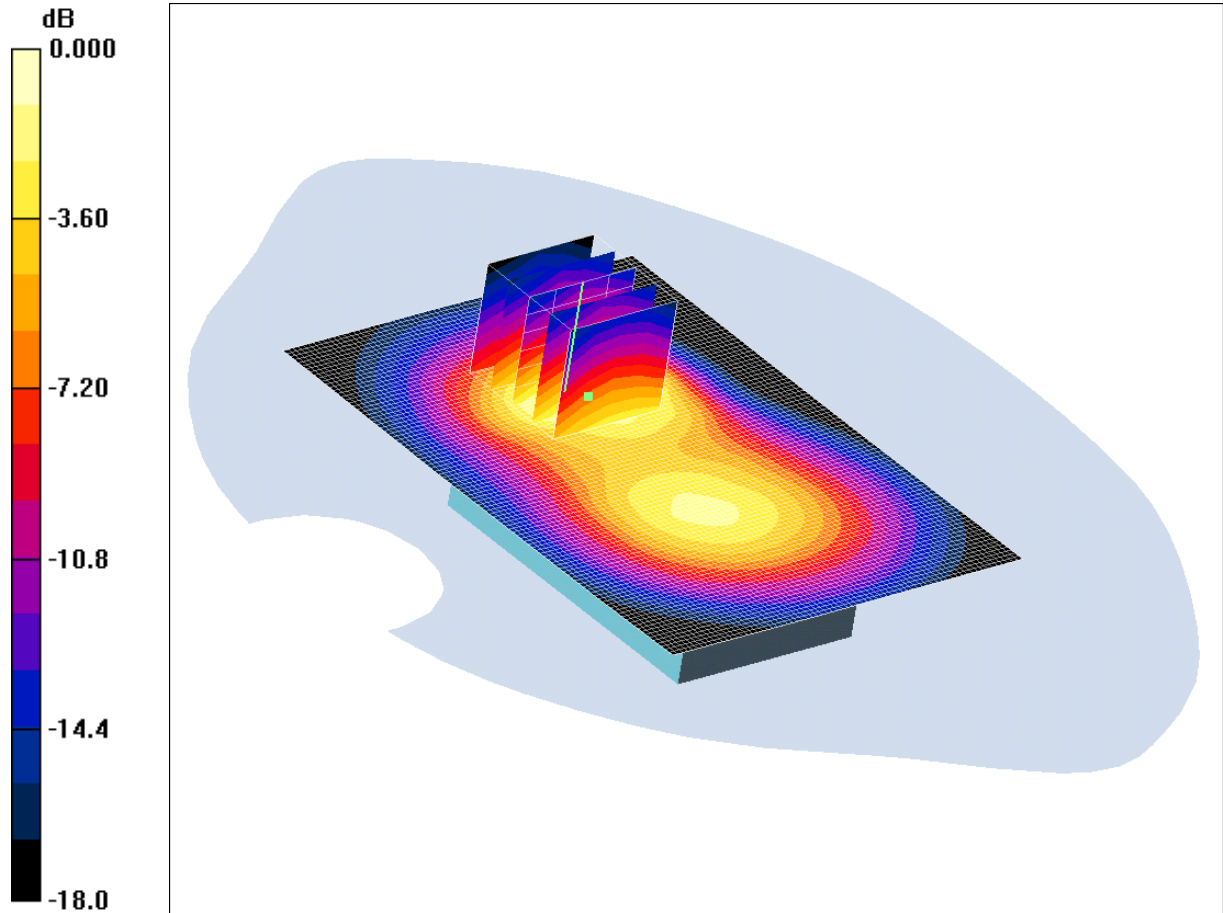
**SAR(1 g) = 1.37 mW/g; SAR(10 g) = 0.777 mW/g**

Maximum value of SAR (measured) = 1.49 mW/g

SCN/81726JD04/051: Rear of EUT Facing Phantom UMTS FDD II CH 9538

Date 26/05/2011

DUT: Sony Ericsson ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 1.36mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1907.6$  MHz;  $\sigma = 1.6$  mho/m;  $\epsilon_r = 52.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3508; ConvF(8.56, 8.56, 8.56); Calibrated: 15/02/2011

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

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- 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 (71x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.63 mW/g

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

Reference Value = 18.4 V/m; Power Drift = 0.196 dB

Peak SAR (extrapolated) = 2.14 W/kg

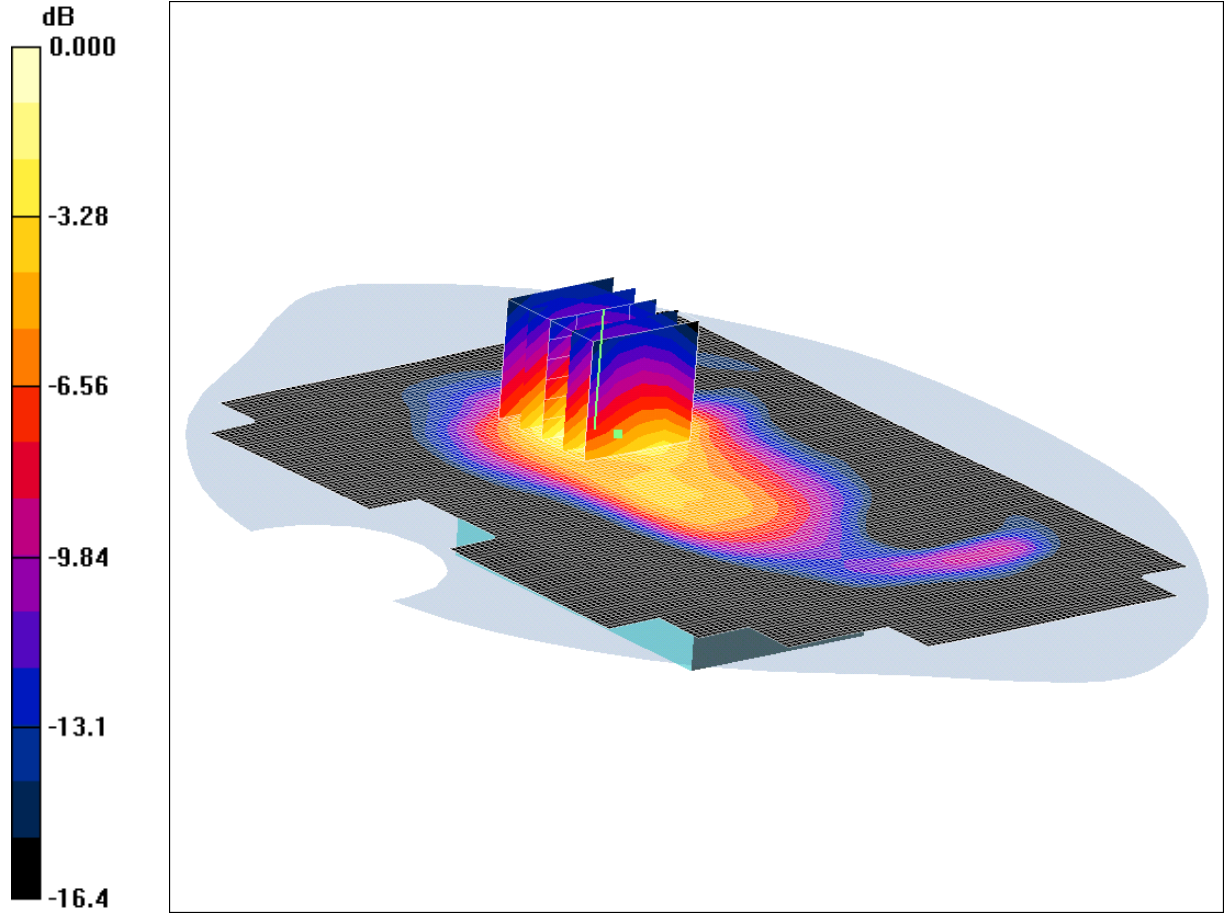
**SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.680 mW/g**

Maximum value of SAR (measured) = 1.36 mW/g

SCN/81726JD04/052: Rear of EUT Facing Phantom With PHF UMTS FDD II CH9262

Date 11/06/2011

DUT: Sony Ericsson, ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 1.09mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.54$  mho/m;  $\epsilon_r = 51.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3508; ConvF(8.56, 8.56, 8.56); Calibrated: 15/02/2011

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

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

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

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

**Rear of EUT Facing Phantom - Low/Area Scan (101x141x1):** Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 16.2 V/m; Power Drift = -0.191 dB

Peak SAR (extrapolated) = 1.70 W/kg

**SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.562 mW/g**

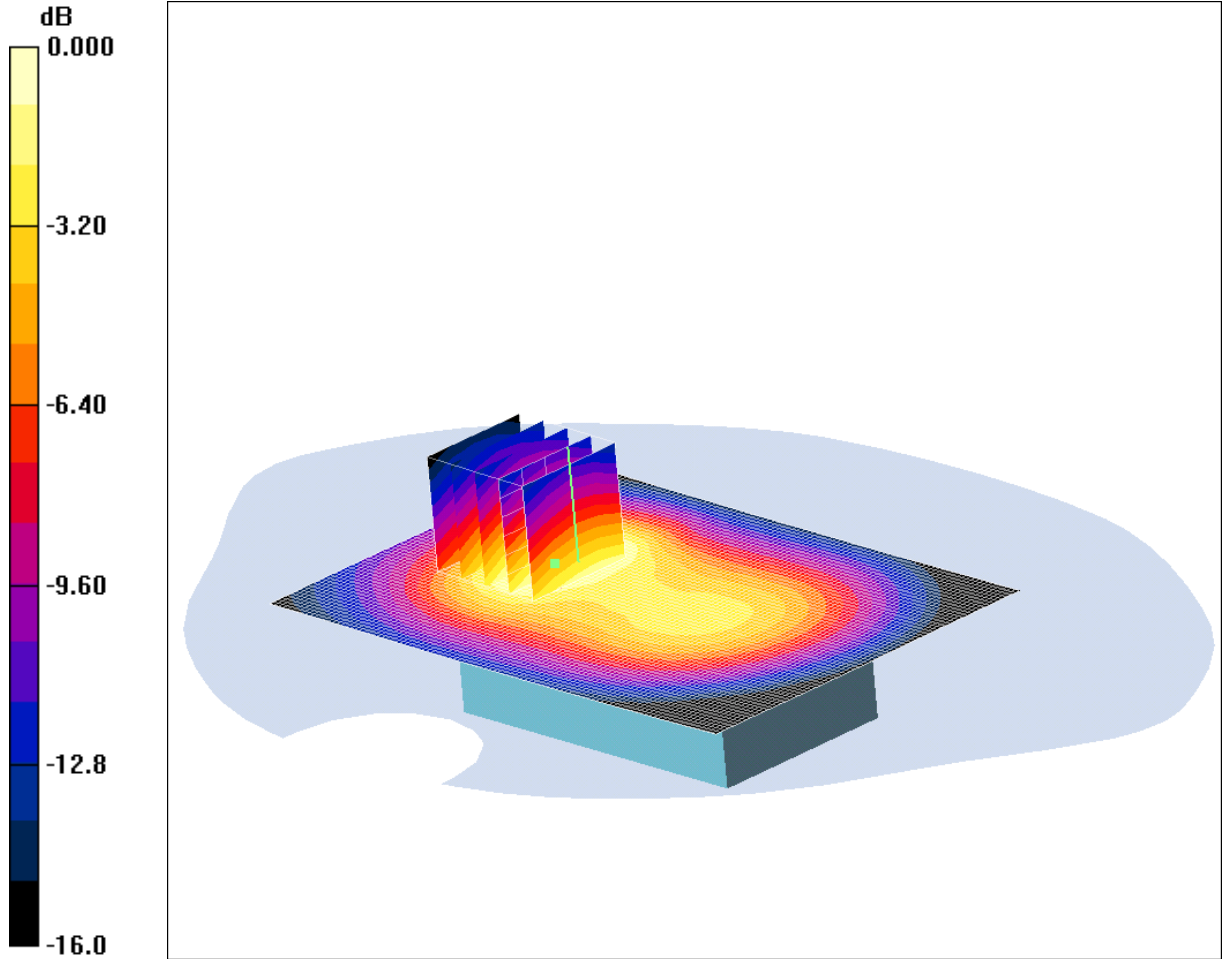
Maximum value of SAR (measured) = 1.09 mW/g



SCN/81726JD04/053: Rear of EUT Facing Phantom UMTS FDD II CH9262

Date 30/06/2011

DUT: Sony Ericsson ST15a ; Type: ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.584mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.54$  mho/m;  $\epsilon_r = 51.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(4.55, 4.55, 4.55); Calibrated: 12/05/2011

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

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- 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 (71x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.606 mW/g

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

Reference Value = 14.9 V/m; Power Drift = -0.169 dB

Peak SAR (extrapolated) = 0.873 W/kg

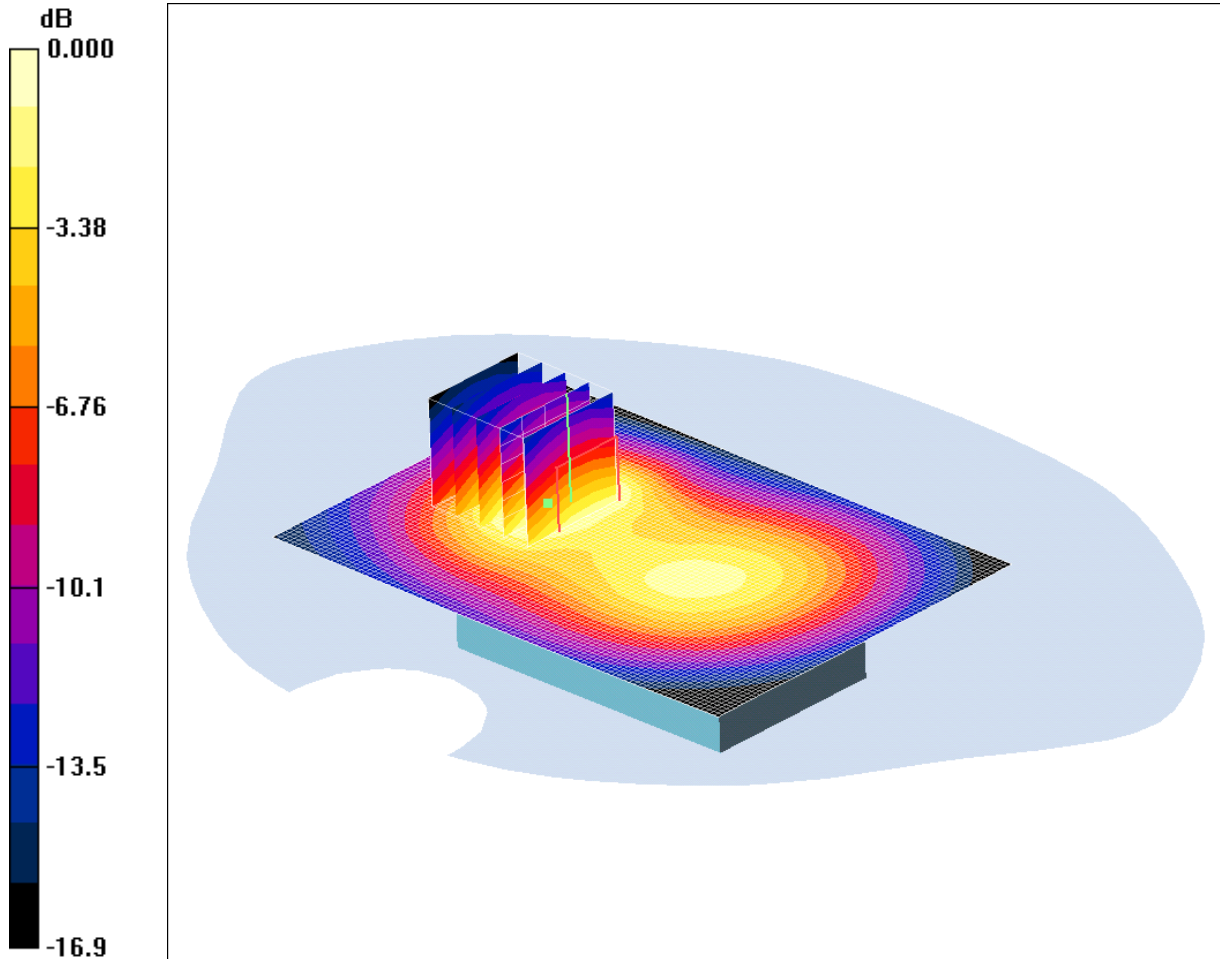
**SAR(1 g) = 0.558 mW/g; SAR(10 g) = 0.336 mW/g**

Maximum value of SAR (measured) = 0.584 mW/g

SCN/81726JD04/0054: Rear of EUT Facing Phantom UMTS FDD II CH9400

Date 30/06/2011

DUT: Sony Ericsson ST15a ; Type: ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.562mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz;  $\sigma$  = 1.56 mho/m;  $\epsilon_r$  = 51.8;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(4.55, 4.55, 4.55); Calibrated: 12/05/2011

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

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- 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 (71x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.567 mW/g

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

Reference Value = 14.9 V/m; Power Drift = -0.053 dB

Peak SAR (extrapolated) = 0.829 W/kg

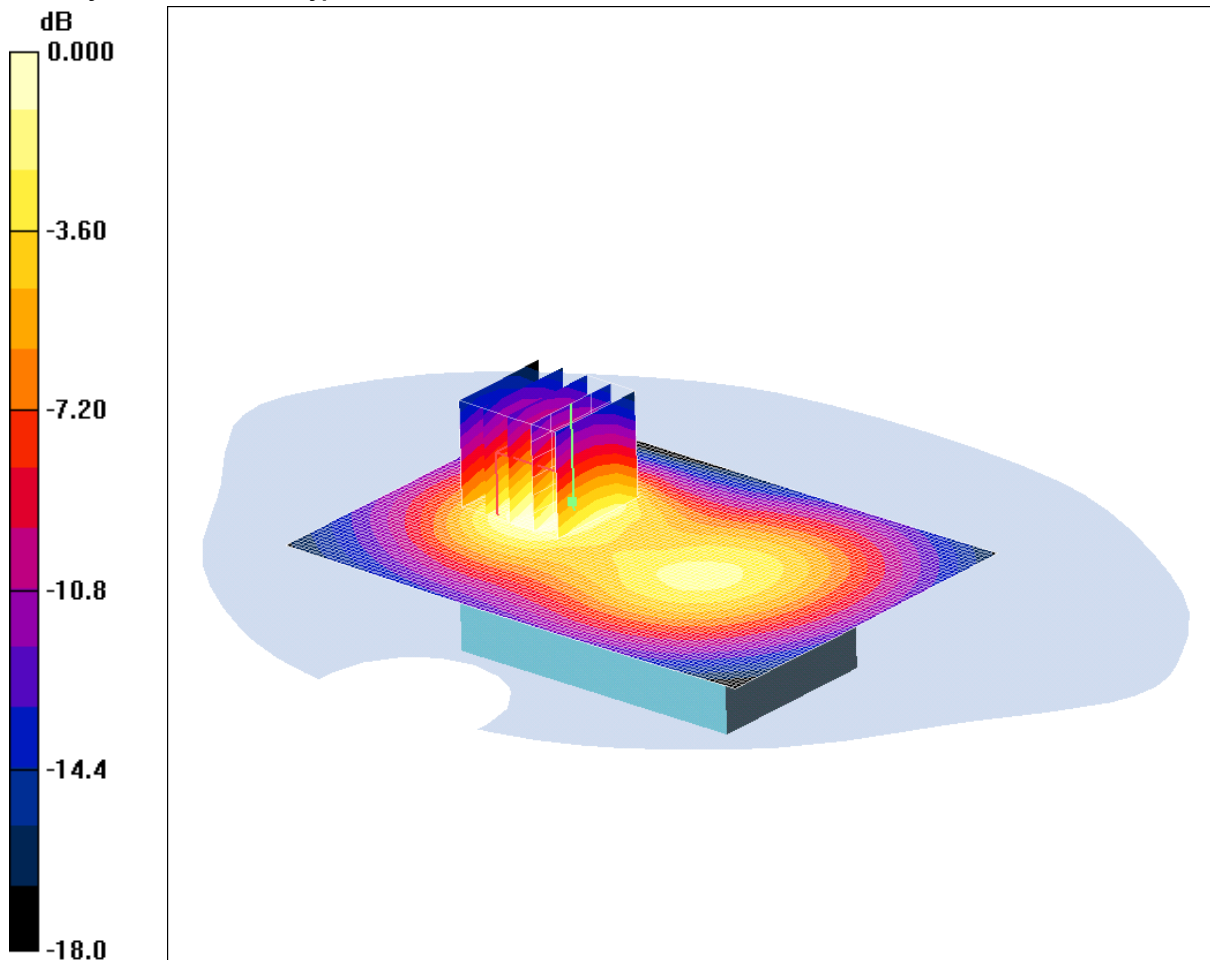
**SAR(1 g) = 0.523 mW/g; SAR(10 g) = 0.309 mW/g**

Maximum value of SAR (measured) = 0.562 mW/g

SCN/81726JD04/055: Rear of EUT Facing Phantom UMTS FDD II CH9538

Date 30/06/2011

DUT: Sony Ericsson ST15a ; Type: ST15a; Serial: BX902DCMLA; IMEI: 004402141374169



0 dB = 0.652mW/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 MHz;  $\sigma = 1.59$  mho/m;  $\epsilon_r = 51.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(4.55, 4.55, 4.55); Calibrated: 12/05/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 (71x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.690 mW/g

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

Reference Value = 15.0 V/m; Power Drift = -0.037 dB

Peak SAR (extrapolated) = 1.00 W/kg

**SAR(1 g) = 0.623 mW/g; SAR(10 g) = 0.364 mW/g**

Maximum value of SAR (measured) = 0.652 mW/g