

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/85929JD02/001	Touch Left GSM CH190
SCN/85929JD02/002	Tilt Left GSM CH190
SCN/85929JD02/003	Touch Right GSM CH190
SCN/85929JD02/004	Tilt Right GSM CH190
SCN/85929JD02/005	Touch Left GSM CH128
SCN/85929JD02/006	Touch Left GSM CH251
SCN/85929JD02/007	Front of EUT Facing Phantom GPRS CH190
SCN/85929JD02/008	Front of EUT Facing Phantom GPRS CH128
SCN/85929JD02/009	Front of EUT Facing Phantom GPRS CH251
SCN/85929JD02/010	Rear of EUT Facing Phantom GPRS CH190
SCN/85929JD02/011	Rear of EUT Facing Phantom GPRS CH128
SCN/85929JD02/012	Rear of EUT Facing Phantom GPRS CH251
SCN/85929JD02/013	Left Hand Side of EUT Facing Phantom GPRS CH190
SCN/85929JD02/014	Right Hand Side of EUT Facing Phantom GPRS CH190
SCN/85929JD02/015	Bottom of EUT Facing Phantom GPRS CH190
SCN/85929JD02/016	Rear of EUT Facing Phantom EDGE CH190
SCN/85929JD02/017	Rear of EUT Facing Phantom EDGE CH128
SCN/85929JD02/018	Rear of EUT Facing Phantom EDGE CH251
SCN/85929JD02/019	Rear of EUT Facing Phantom GSM CH190
SCN/85929JD02/020	Rear of EUT Facing Phantom with PHF GPRS CH251
SCN/85929JD02/021	Touch Left PCS CH661
SCN/85929JD02/022	Tilt Left PCS CH661
SCN/85929JD02/023	Touch Right PCS CH661
SCN/85929JD02/024	Tilt Right PCS CH661
SCN/85929JD02/025	Touch Left PCS CH512
SCN/85929JD02/026	Touch Left PCS CH810
SCN/85929JD02/027	Front of EUT Facing Phantom GPRS CH661
SCN/85929JD02/028	Rear of EUT Facing Phantom GPRS CH661
SCN/85929JD02/029	Left Hand Side of EUT Facing Phantom GPRS CH661
SCN/85929JD02/030	Right Hand Side of EUT Facing Phantom GPRS CH661
SCN/85929JD02/031	Bottom of EUT Facing Phantom GPRS CH661
SCN/85929JD02/032	Rear of EUT Facing Phantom EDGE CH661
SCN/85929JD02/033	Rear of EUT Facing Phantom PCS CH661
SCN/85929JD02/034	Rear of EUT Facing Phantom GPRS CH512

SAR Distribution Scans (continued)

SCN/85929JD02/035	Rear of EUT Facing Phantom GPRS CH810
SCN/85929JD02/036	Rear of EUT Facing Phantom with PHF GPRS CH512
SCN/85929JD02/037	Touch Left UMTS FDD II CH9400
SCN/85929JD02/038	Touch Left UMTS FDD II CH9262
SCN/85929JD02/039	Touch Left UMTS FDD II CH9538
SCN/85929JD02/040	Tilt Left UMTS FDD II CH9400
SCN/85929JD02/041	Touch Right UMTS FDD II CH9400
SCN/85929JD02/042	Tilt Right UMTS FDD II CH9400
SCN/85929JD02/043	Front of EUT Facing Phantom UMTS FDD II CH9400
SCN/85929JD02/044	Front of EUT Facing Phantom UMTS FDD II CH9262
SCN/85929JD02/045	Front of EUT Facing Phantom UMTS FDD II CH9538
SCN/85929JD02/046	Rear of EUT Facing Phantom UMTS FDD II CH9400
SCN/85929JD02/047	Rear of EUT Facing Phantom UMTS FDD II CH9262
SCN/85929JD02/048	Rear of EUT Facing Phantom UMTS FDD II CH9538
SCN/85929JD02/049	Left Hand Side of EUT Facing Phantom UMTS FDD II CH9400
SCN/85929JD02/050	Right Hand Side of EUT Facing Phantom UMTS FDD II CH9400
SCN/85929JD02/051	Bottom of EUT Facing Phantom UMTS FDD II CH9400
SCN/85929JD02/052	Rear of EUT Facing Phantom UMTS FDD II + HSDPA CH9400
SCN/85929JD02/053	Rear of EUT Facing Phantom UMTS FDD II + HSDPA CH9262
SCN/85929JD02/054	Rear of EUT Facing Phantom UMTS FDD II + HSDPA CH9538
SCN/85929JD02/055	Rear of EUT Facing Phantom UMTS FDD II + HSPA CH9400
SCN/85929JD02/056	Rear of EUT Facing Phantom UMTS FDD II + HSPA CH9262
SCN/85929JD02/057	Rear of EUT Facing Phantom UMTS FDD II + HSPA CH9538
SCN/85929JD02/058	Rear of EUT Facing Phantom with PHF UMTS FDD II CH9400
SCN/85929JD02/059	Rear of EUT Facing Phantom at 15mm separation UMTS FDD II CH9400
SCN/85929JD02/060	Rear of EUT Facing Phantom at 15mm separation UMTS FDD II CH9262
SCN/85929JD02/061	Rear of EUT Facing Phantom at 15mm separation UMTS FDD II CH9538
SCN/85929JD02/062	Touch Left UMTS FDD V CH4183
SCN/85929JD02/063	Tilt Left UMTS FDD V CH4183
SCN/85929JD02/064	Touch Right UMTS FDD V CH4183
SCN/85929JD02/065	Tilt Right UMTS FDD V CH4183
SCN/85929JD02/066	Touch Left UMTS FDD V CH4132
SCN/85929JD02/067	Touch Left UMTS FDD V CH4233
SCN/85929JD02/068	Front of EUT Facing Phantom UMTS FDD V CH4183
SCN/85929JD02/069	Front of EUT Facing Phantom UMTS FDD V CH4132
SCN/85929JD02/070	Front of EUT Facing Phantom UMTS FDD V CH4233
SCN/85929JD02/071	Rear of EUT Facing Phantom UMTS FDD V CH4183

SAR Distribution Scans (continued)	
SCN/85929JD02/072	Rear of EUT Facing Phantom UMTS FDD V CH4132
SCN/85929JD02/073	Rear of EUT Facing Phantom UMTS FDD V CH4233
SCN/85929JD02/074	Left Hand Side of EUT Facing Phantom UMTS FDD V CH4183
SCN/85929JD02/075	Right Hand Side of EUT Facing Phantom UMTS FDD V CH4183
SCN/85929JD02/076	Bottom of EUT Facing Phantom UMTS FDD V CH4183
SCN/85929JD02/077	Rear of EUT Facing Phantom UMTS FDD V + HSDPA CH4183
SCN/85929JD02/078	Rear of EUT Facing Phantom UMTS FDD V + HSPA CH4183
SCN/85929JD02/079	Rear of EUT Facing Phantom with PHF UMTS FDD V CH4183
SCN/85929JD02/080	Rear of EUT Facing Phantom at 15mm Separation UMTS FDD V CH4183
SCN/85929JD02/081	Rear of EUT Facing Phantom at 15mm Separation UMTS FDD V CH4132
SCN/85929JD02/082	Rear of EUT Facing Phantom at 15mm Separation UMTS FDD V CH4233
SCN/85929JD02/083	Touch Left WLAN 802.11b 1 Mbps CH6
SCN/85929JD02/084	Tilt Left WLAN 802.11b 1 Mbps CH6
SCN/85929JD02/085	Touch Right WLAN 802.11b 1 Mbps CH6
SCN/85929JD02/086	Tilt Right WLAN 802.11b 1 Mbps CH6
SCN/85929JD02/087	Touch Right WLAN 802.11g 6 Mbps CH6
SCN/85929JD02/088	Touch Right WLAN 802.11n 6.5 Mbps CH6
SCN/85929JD02/089	Touch Right WLAN 802.11b 1 Mbps CH1
SCN/85929JD02/090	Touch Right WLAN 802.11b 1 Mbps CH11
SCN/85929JD02/091	Front of EUT Facing Phantom WLAN 802.11b 1 Mbps CH6
SCN/85929JD02/092	Rear of EUT Facing Phantom WLAN 802.11b 1 Mbps CH6
SCN/85929JD02/093	Left Hand Side of EUT Facing Phantom WLAN 802.11b 1 Mbps CH6
SCN/85929JD02/094	Right Hand Side of EUT Facing Phantom WLAN 802.11b 1 Mbps CH6
SCN/85929JD02/095	Top of EUT Facing Phantom WLAN 802.11b 1 Mbps CH6
SCN/85929JD02/096	Top of EUT Facing Phantom WLAN 802.11g 6 Mbps CH6
SCN/85929JD02/097	Top of EUT Facing Phantom WLAN 802.11n 6.5 Mbps CH6
SCN/85929JD02/098	Top of EUT Facing Phantom WLAN 802.11b 1 Mbps CH1
SCN/85929JD02/099	Top of EUT Facing Phantom WLAN 802.11b 1 Mbps CH11
SCN/85929JD02/100	Top of EUT Facing Phantom with PHF WLAN 802.11b 1 Mbps CH11
SCN/85929JD02/101	System Performance Check 900MHz Head 10 02 12
SCN/85929JD02/102	System Performance Check 900MHz Head 24 02 12
SCN/85929JD02/103	System Performance Check 900MHz Body 13 02 12
SCN/85929JD02/104	System Performance Check 900MHz Body 14 02 12
SCN/85929JD02/105	System Performance Check 900MHz Body 24 02 12
SCN/85929JD02/106	System Performance Check 900MHz Body 25 02 12
SCN/85929JD02/107	System Performance Check 900MHz Body 26 02 12

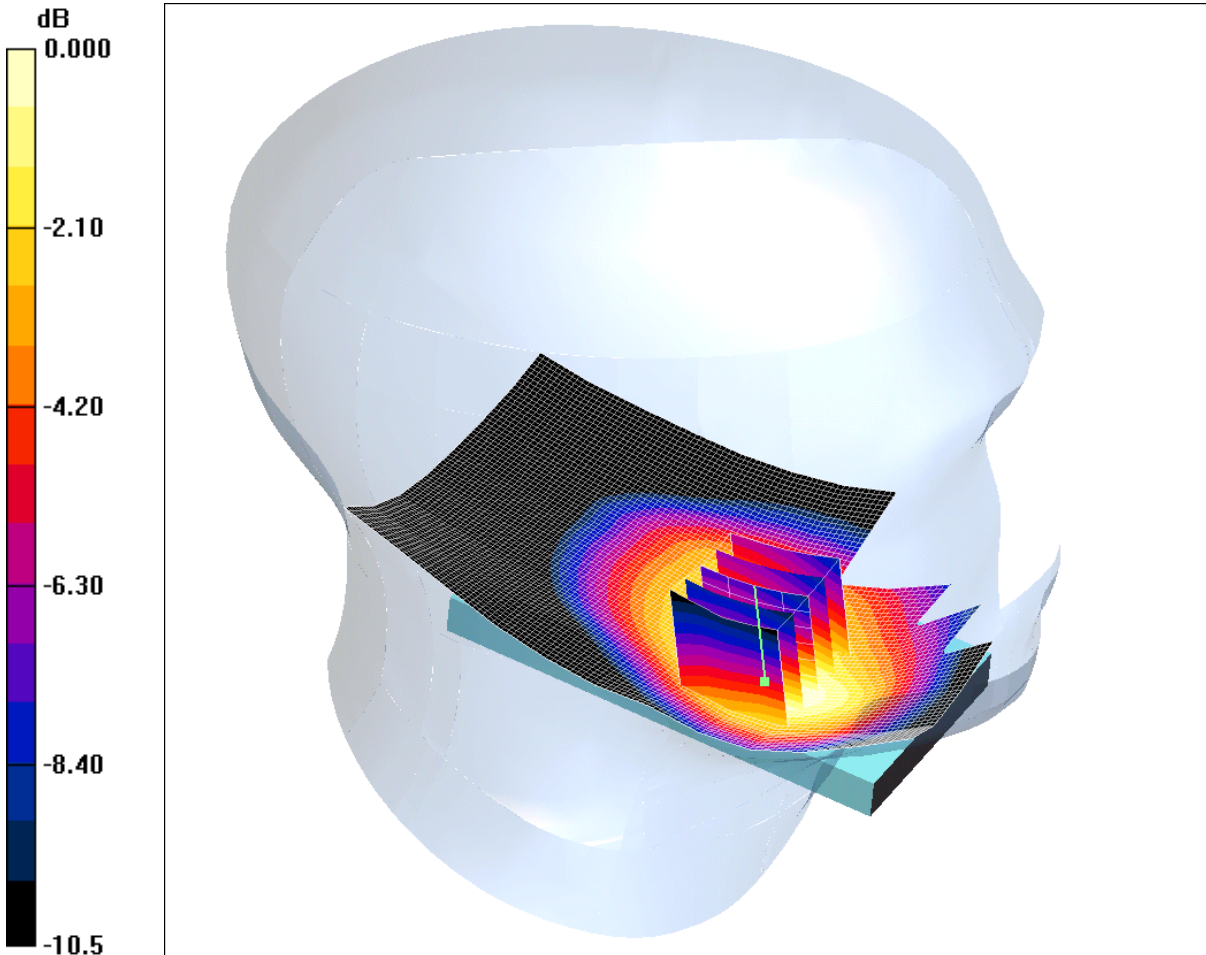
SAR Distribution Scans (continued)

SCN/85929JD02/108	System Performance Check 900MHz Body 27 02 12
SCN/85929JD02/109	System Performance Check 1900MHz Head 16 02 12
SCN/85929JD02/110	System Performance Check 1900MHz Head 21 02 12
SCN/85929JD02/111	System Performance Check 1900MHz Head 22 02 12
SCN/85929JD02/112	System Performance Check 1900MHz Body 17 02 12
SCN/85929JD02/113	System Performance Check 1900MHz Body 22 02 12
SCN/85929JD02/114	System Performance Check 1900MHz Body 23 02 12
SCN/85929JD02/115	System Performance Check 1900MHz Body 24 02 12
SCN/85929JD02/116	System Performance Check 2450MHz Head 17 02 12
SCN/85929JD02/117	System Performance Check 2450MHz Head 28 02 12
SCN/85929JD02/118	System Performance Check 2450MHz Body 17 02 12
SCN/85929JD02/119	System Performance Check 2450MHz Body 18 02 12
SCN/85929JD02/120	System Performance Check 2450MHz Body 20 02 12

SCN/85929JD02/001: Touch Left GSM CH190

Date 10/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 0.643mW/g

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

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 43.1$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 2/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.675 mW/g

Touch Left - Middle 2/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.05 V/m; Power Drift = -0.172 dB

Peak SAR (extrapolated) = 0.769 W/kg

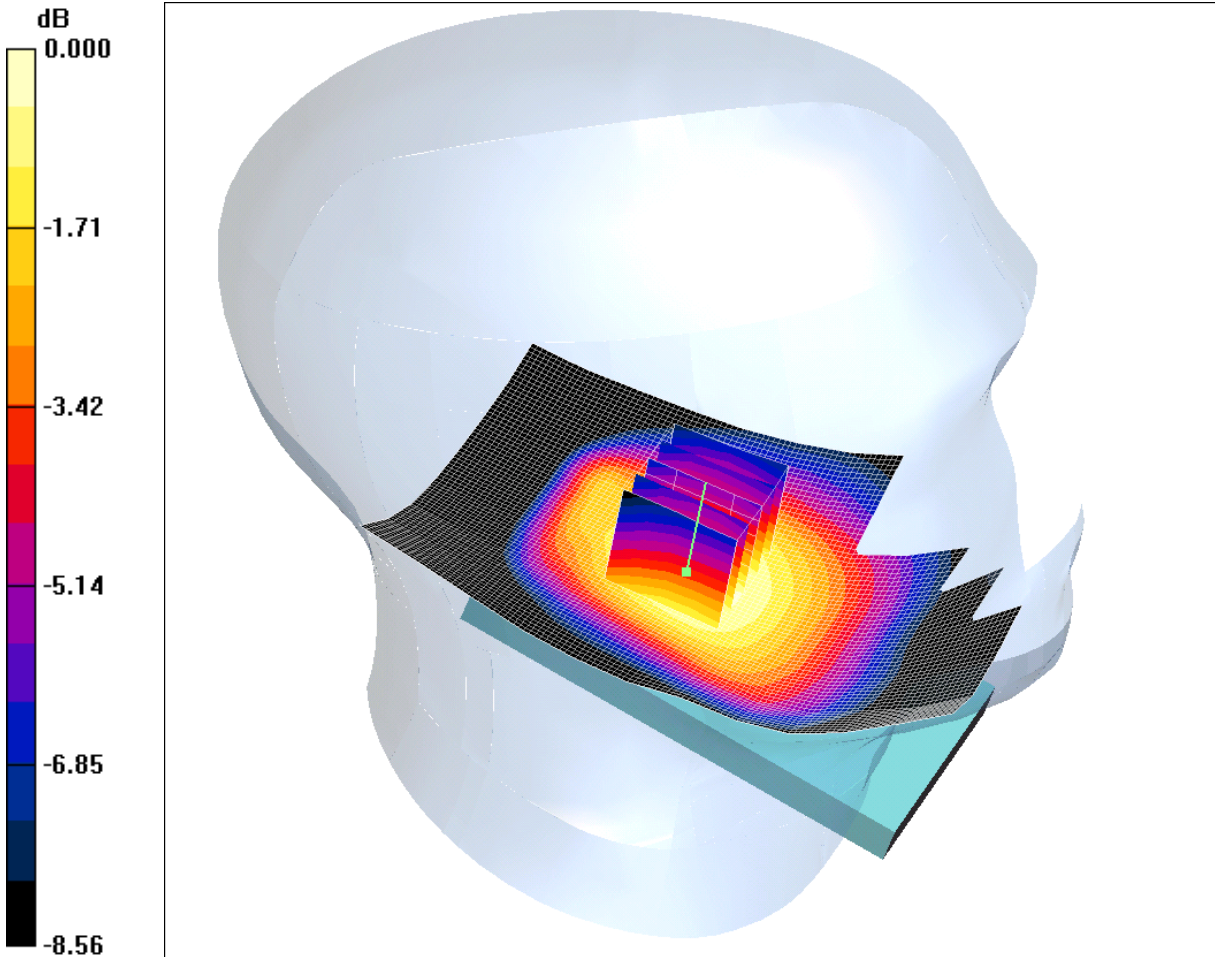
SAR(1 g) = 0.551 mW/g; SAR(10 g) = 0.397 mW/g

Maximum value of SAR (measured) = 0.643 mW/g

SCN/85929 JD02/002: Tilt Left GSM CH190

Date 10/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 0.378mW/g

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

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 43.1$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.376 mW/g

Tilt Left - Middle/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.3 V/m; Power Drift = 0.174 dB

Peak SAR (extrapolated) = 0.422 W/kg

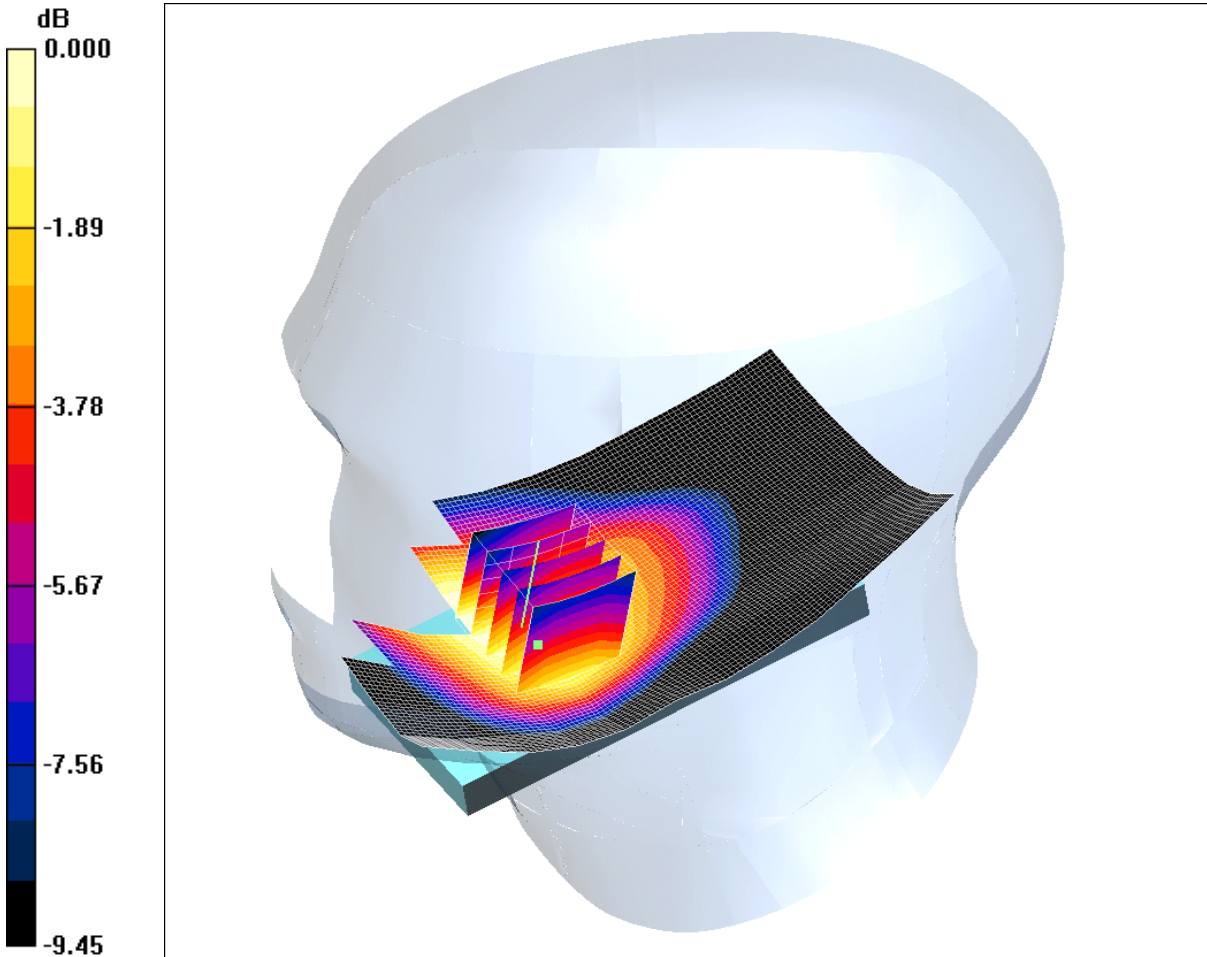
SAR(1 g) = 0.339 mW/g; SAR(10 g) = 0.260 mW/g

Maximum value of SAR (measured) = 0.378 mW/g

SCN/85929 JD02/003: Touch Right GSM CH190

Date 10/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 0.574mW/g

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

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 43.1$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- 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 (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 8.63 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 0.654 W/kg

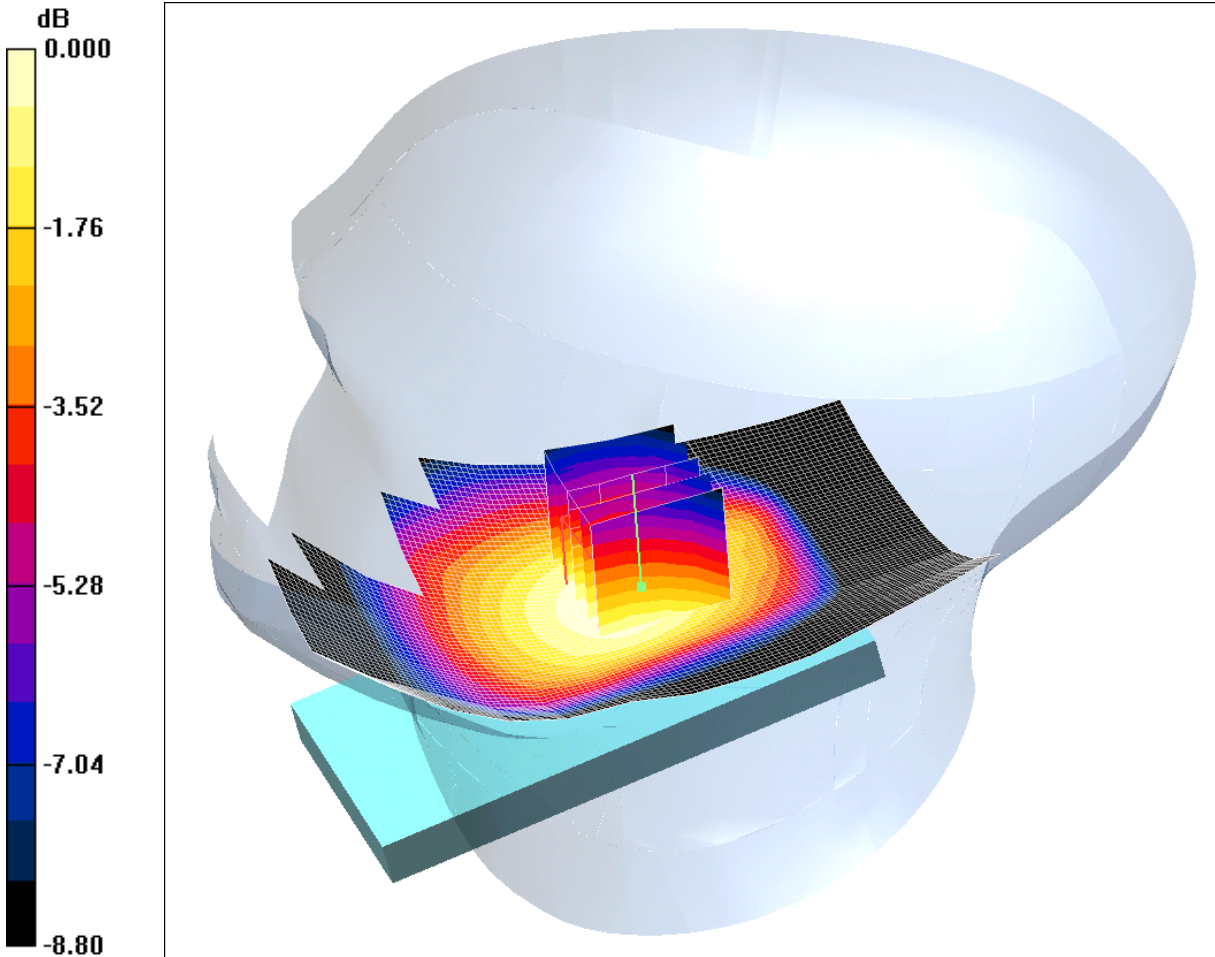
SAR(1 g) = 0.513 mW/g; SAR(10 g) = 0.391 mW/g

Maximum value of SAR (measured) = 0.574 mW/g

SCN/85929 JD02/004: Tilt Right GSM CH190

Date 10/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 0.345mW/g

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

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 43.1$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.353 mW/g

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

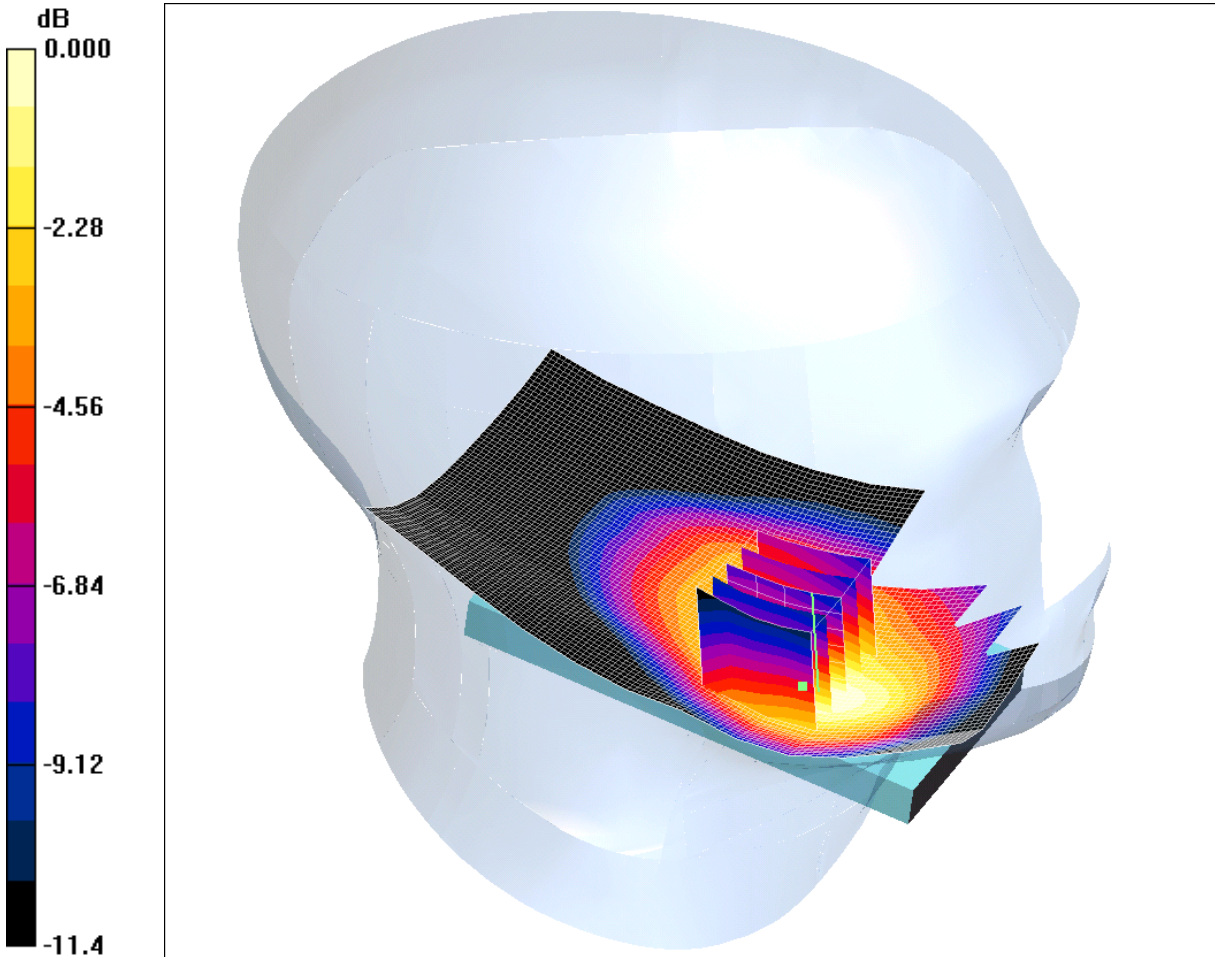
Reference Value = 13.2 V/m; Power Drift = 0.117 dB

Peak SAR (extrapolated) = 0.389 W/kg

SAR(1 g) = 0.311 mW/g; SAR(10 g) = 0.242 mW/g

Maximum value of SAR (measured) = 0.345 mW/g

SCN/85929 JD02/005: Touch Left GSM CH128
 Date 10/02/2012
 DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 0.679mW/g

Communication System: GSM 850 MHz; Frequency: 824.2 MHz; Duty Cycle: 1:8.3
 Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.891$ mho/m; $\epsilon_r = 43.2$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- 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 (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 8.39 V/m; Power Drift = 0.160 dB

Peak SAR (extrapolated) = 0.821 W/kg

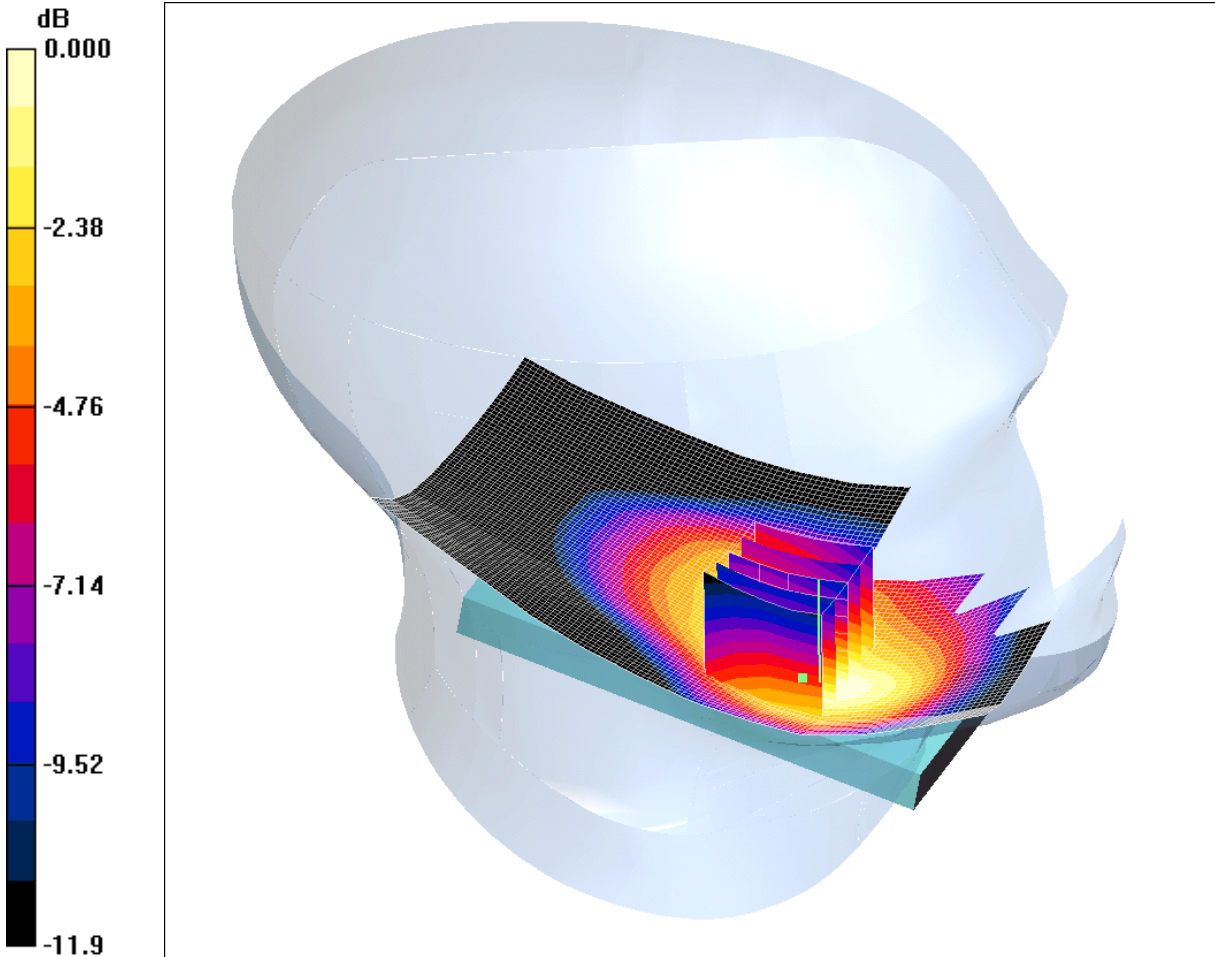
SAR(1 g) = 0.579 mW/g; SAR(10 g) = 0.405 mW/g

Maximum value of SAR (measured) = 0.679 mW/g

SCN/85929 JD02/006: Touch Left GSM CH251

Date 10/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 0.811mW/g

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

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.908$ mho/m; $\epsilon_r = 43$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

Touch Left - High/Zoom Scan (5x5x7) 2 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.71 V/m; Power Drift = 0.061 dB

Peak SAR (extrapolated) = 0.989 W/kg

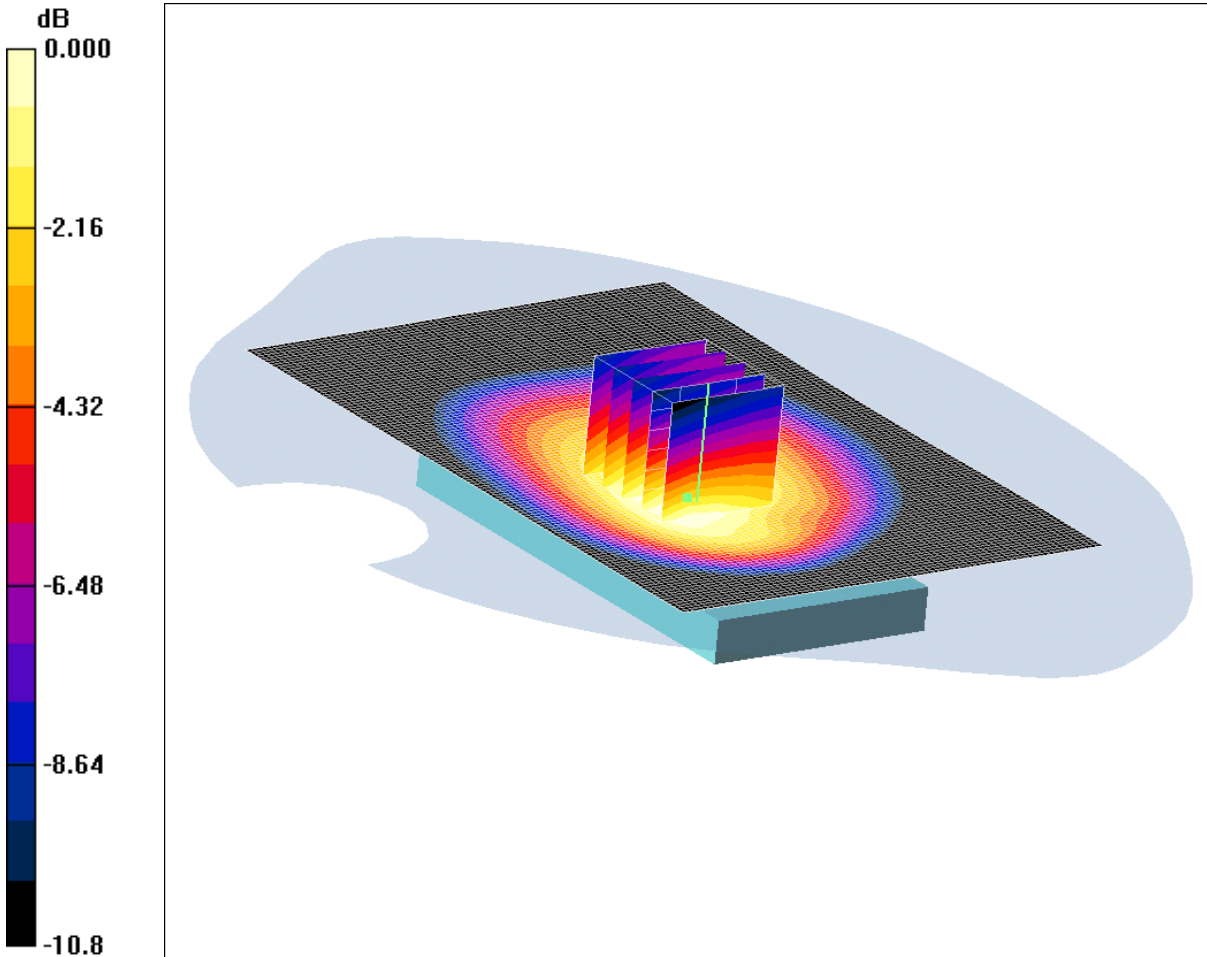
SAR(1 g) = 0.680 mW/g; SAR(10 g) = 0.470 mW/g

Maximum value of SAR (measured) = 0.811 mW/g

SCN/85929 JD02/007: Front of EUT Facing Phantom GPRS CH190

Date: 13/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 0.977mW/g

Communication System: GPRS 850 MHz 3TX; Frequency: 836.6 MHz; Duty Cycle: 1:2.67

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.02$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.00 mW/g

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

Reference Value = 26.4 V/m; Power Drift = -0.054 dB

Peak SAR (extrapolated) = 1.36 W/kg

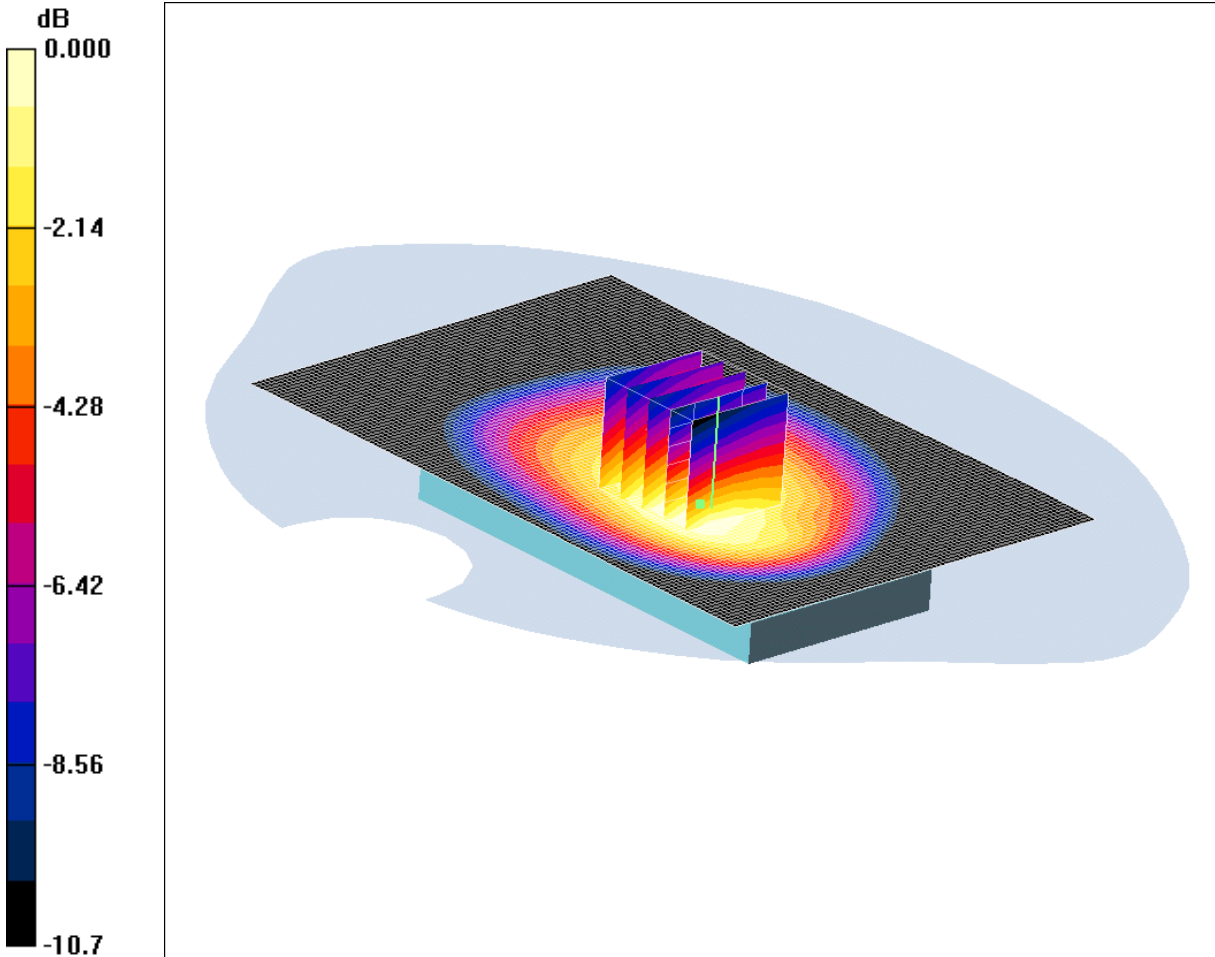
SAR(1 g) = 0.931 mW/g; SAR(10 g) = 0.654 mW/g

Maximum value of SAR (measured) = 0.977 mW/g

SCN/85929 JD02/008: Front of EUT Facing Phantom GPRS CH128

Date: 13/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 0.922mW/g

Communication System: GPRS 850 MHz 3TX; Frequency: 824.2 MHz; Duty Cycle: 1:2.67
 Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 1.02$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- 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 - Low/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.934 mW/g

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

Reference Value = 25.3 V/m; Power Drift = 0.016 dB

Peak SAR (extrapolated) = 1.27 W/kg

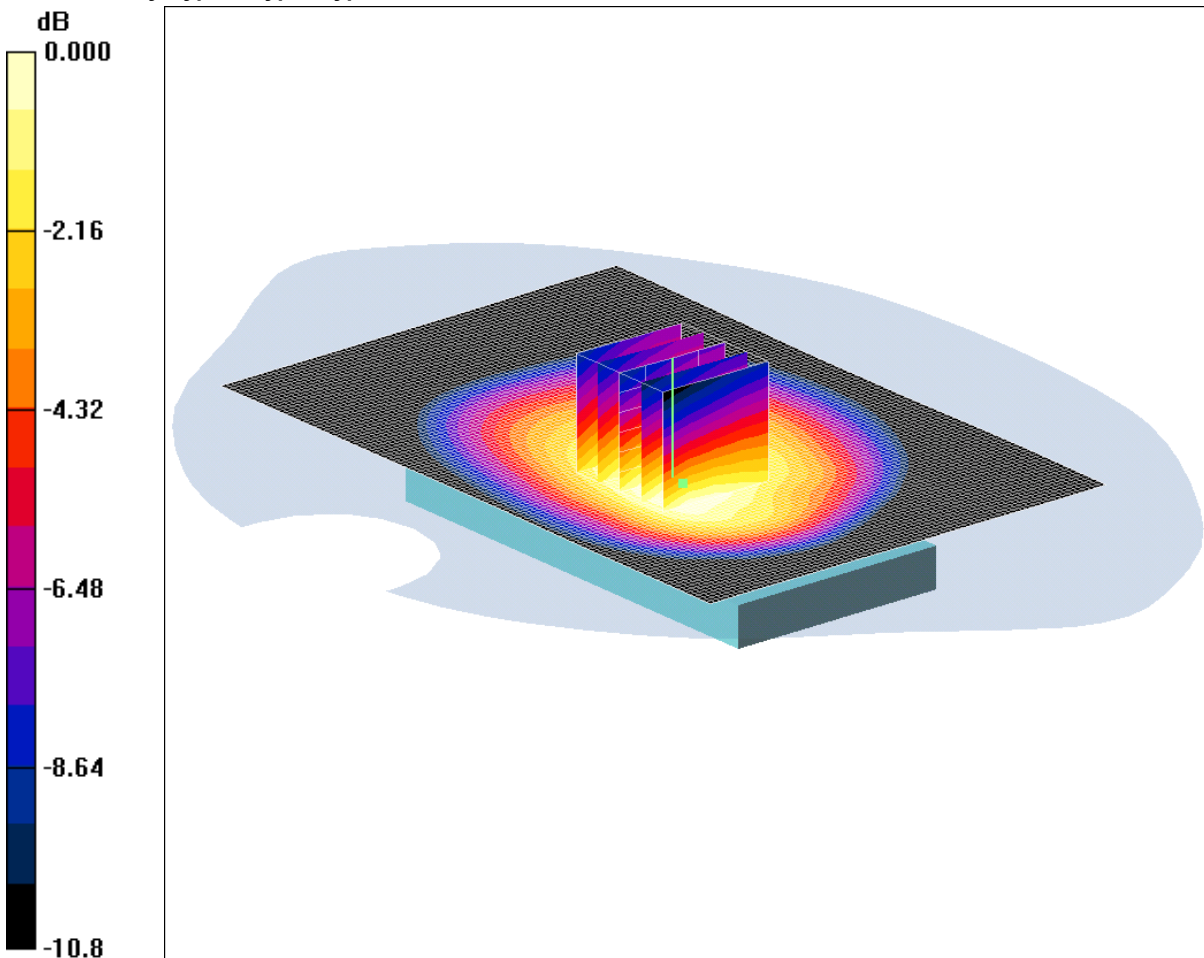
SAR(1 g) = 0.873 mW/g; SAR(10 g) = 0.614 mW/g

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

SCN/85929 JD02/009: Front of EUT Facing Phantom GPRS CH251

Date: 13/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 1.02mW/g

Communication System: GPRS 850 MHz 3TX; Frequency: 848.8 MHz; Duty Cycle: 1:2.67

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 1.03$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 - High/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 27.4 V/m; Power Drift = 0.049 dB

Peak SAR (extrapolated) = 1.43 W/kg

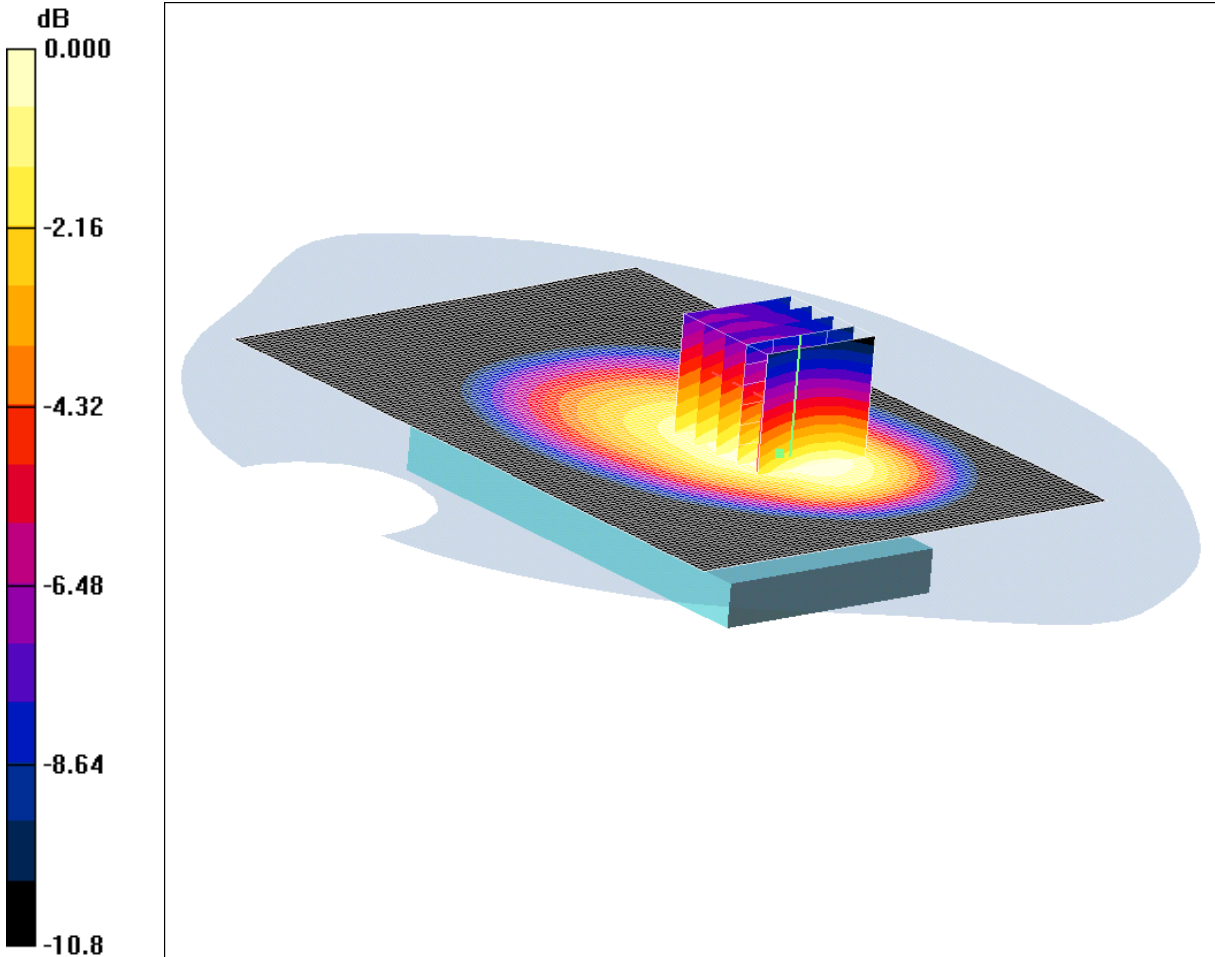
SAR(1 g) = 0.974 mW/g; SAR(10 g) = 0.693 mW/g

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

SCN/85929 JD02/010: Rear of EUT Facing Phantom GPRS CH190

Date: 13/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 1.13mW/g

Communication System: GPRS 850 MHz 3TX; Frequency: 836.6 MHz; Duty Cycle: 1:2.67
 Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.02$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- 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 (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Rear of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 2 2 (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 28.3 V/m; Power Drift = 0.079 dB

Peak SAR (extrapolated) = 1.53 W/kg

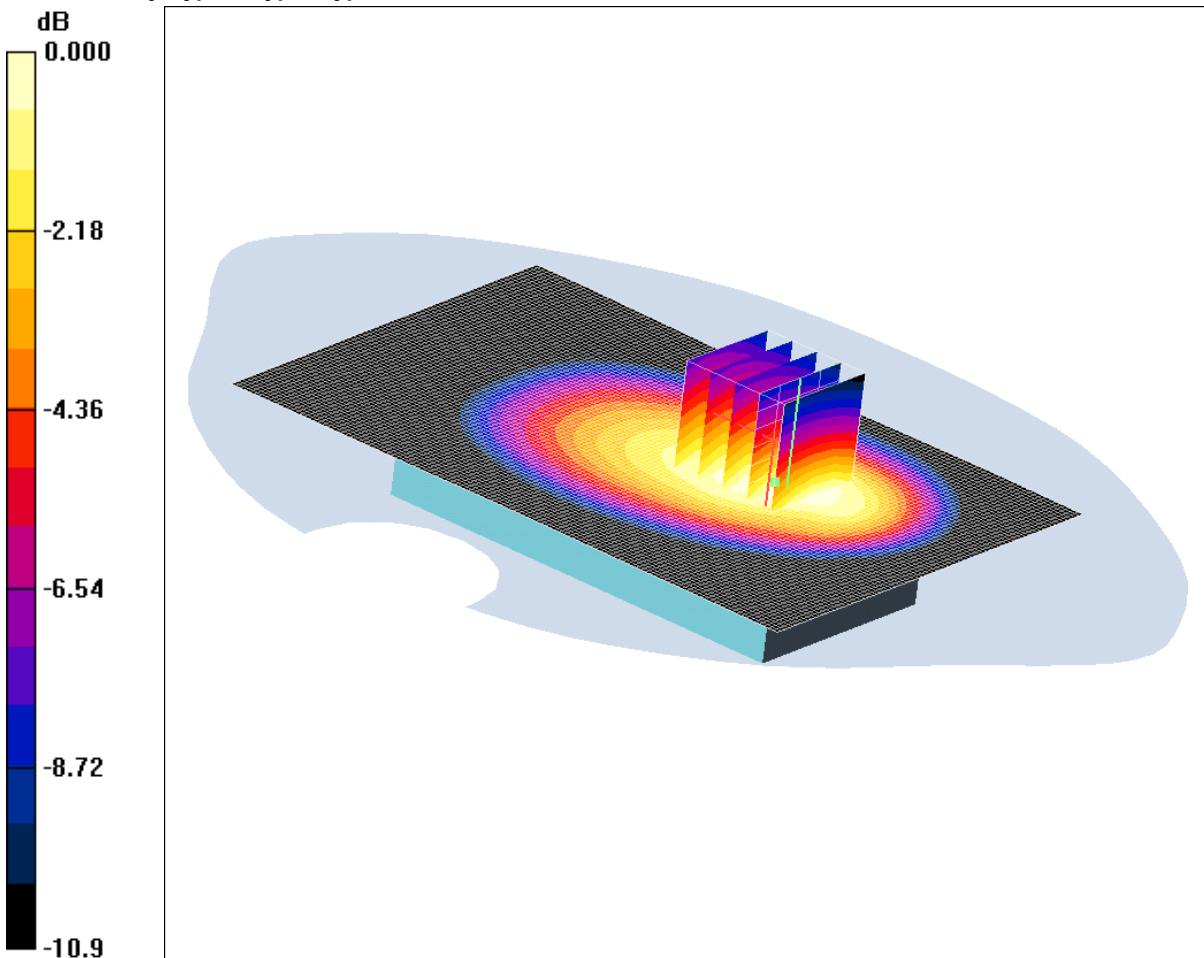
SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.758 mW/g

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

SCN/85929 JD02/011: Rear of EUT Facing Phantom GPRS CH128

Date: 13/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 1.06mW/g

Communication System: GPRS 850 MHz 3TX; Frequency: 824.2 MHz; Duty Cycle: 1:2.67

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 1.02$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 27.2 V/m; Power Drift = -0.008 dB

Peak SAR (extrapolated) = 1.43 W/kg

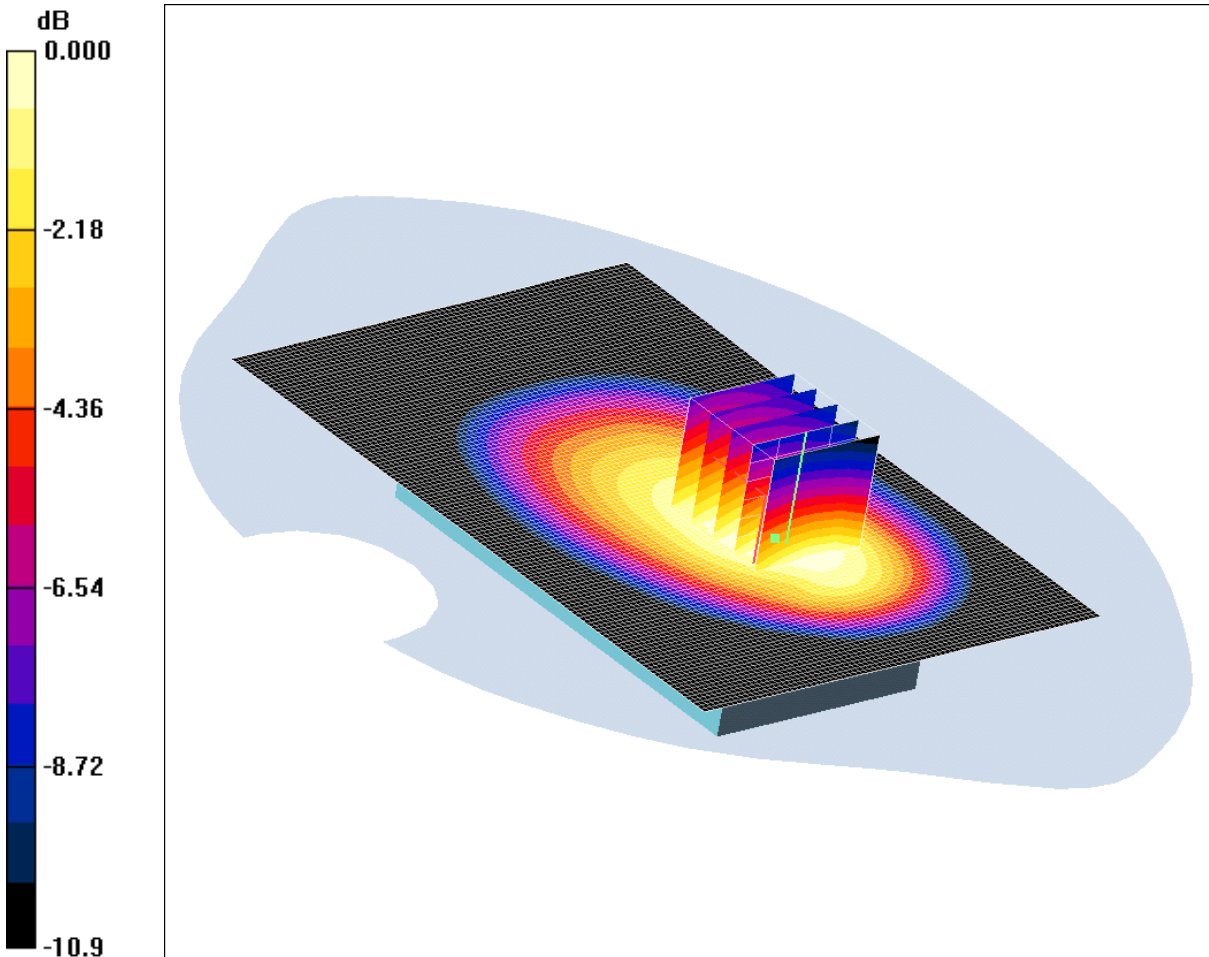
SAR(1 g) = 1.000 mW/g; SAR(10 g) = 0.703 mW/g

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

SCN/85929 JD02/012: Rear of EUT Facing Phantom GPRS CH251

Date: 13/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 1.19mW/g

Communication System: GPRS 850 MHz 3TX; Frequency: 848.8 MHz; Duty Cycle: 1:2.67
 Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 1.03$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- 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 (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.21 mW/g

Rear of EUT Facing Phantom - High/Zoom Scan (5x5x7) 2 2 2 (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 29.5 V/m; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 1.56 W/kg

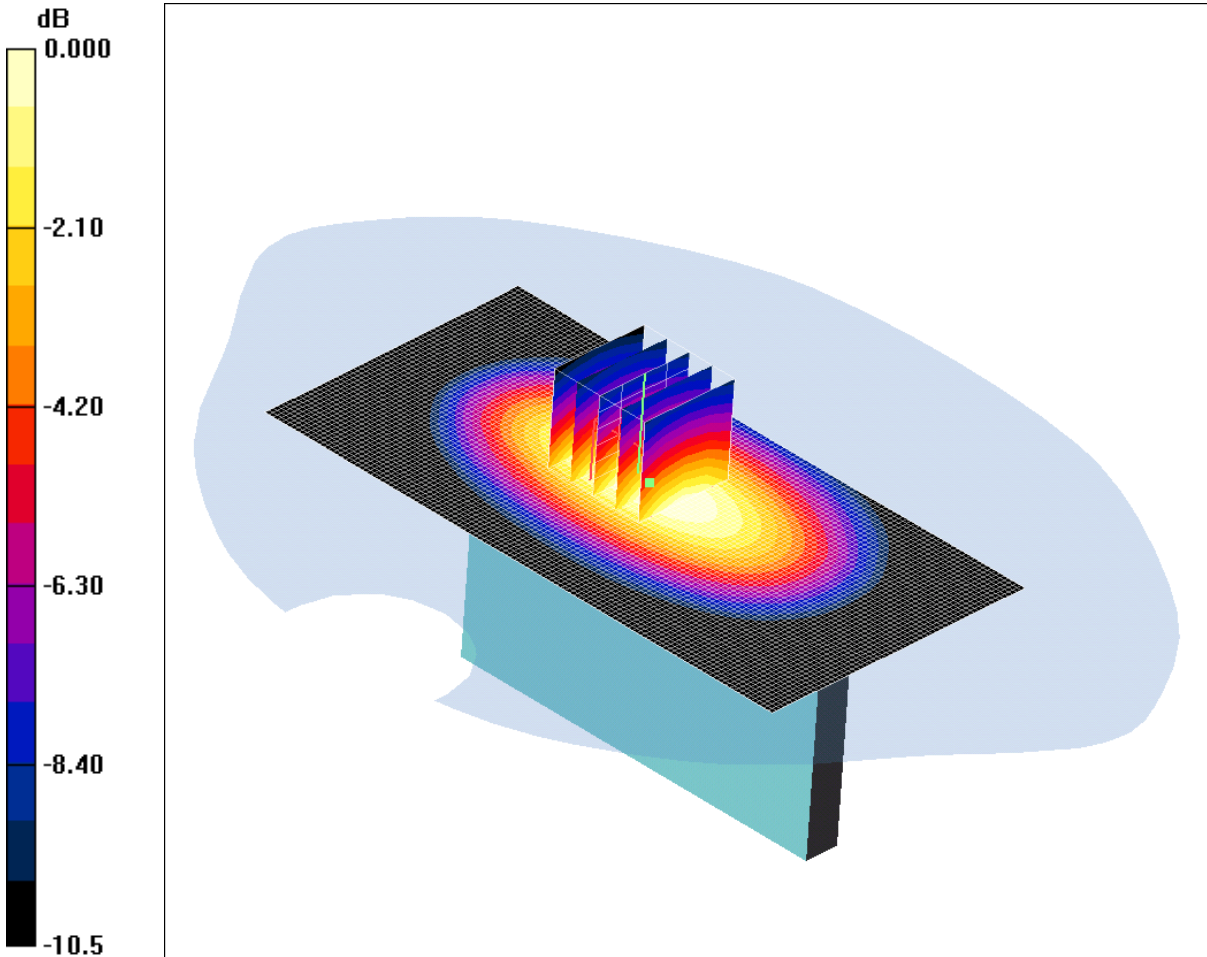
SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.795 mW/g

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

SCN/85929 JD02/013: Left Hand Side of EUT Facing Phantom GPRS CH190

Date: 13/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 0.725mW/g

Communication System: GPRS 850 MHz 3TX; Frequency: 836.6 MHz; Duty Cycle: 1:2.67
 Medium: 900 MHz MSL Medium parameters used (interpolated): f = 836.6 MHz; $\sigma = 1.02$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- 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 (61x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.741 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 = 26.7 V/m; Power Drift = -0.087 dB

Peak SAR (extrapolated) = 0.986 W/kg

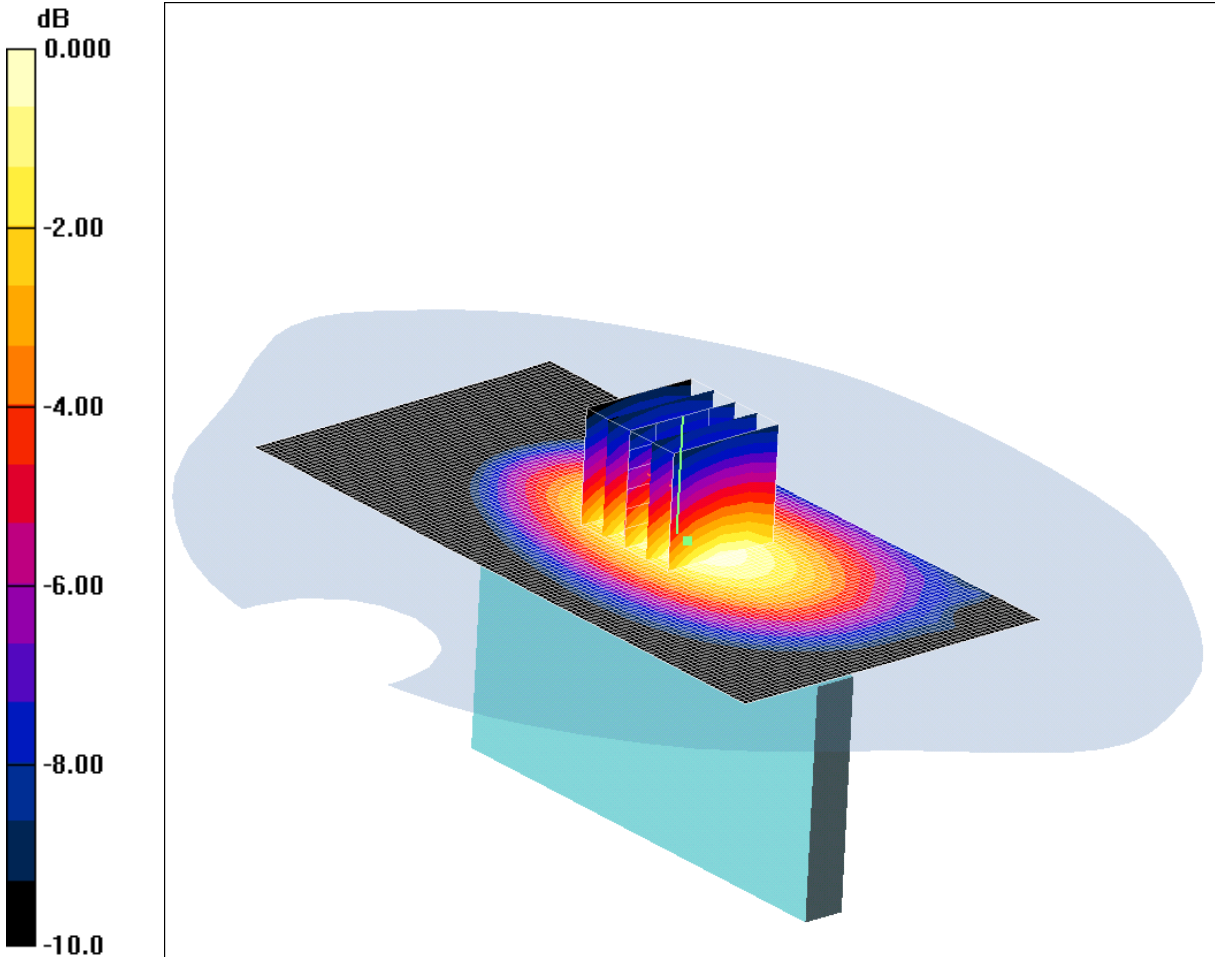
SAR(1 g) = 0.681 mW/g; SAR(10 g) = 0.460 mW/g

Maximum value of SAR (measured) = 0.725 mW/g

SCN/85929 JD02/014: Right Hand Side of EUT Facing Phantom GPRS CH190

Date: 13/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 0.617mW/g

Communication System: GPRS 850 MHz 3TX; Frequency: 836.6 MHz; Duty Cycle: 1:2.67
 Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.02$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- 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 (61x121x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 23.9 V/m; Power Drift = 0.017 dB

Peak SAR (extrapolated) = 0.839 W/kg

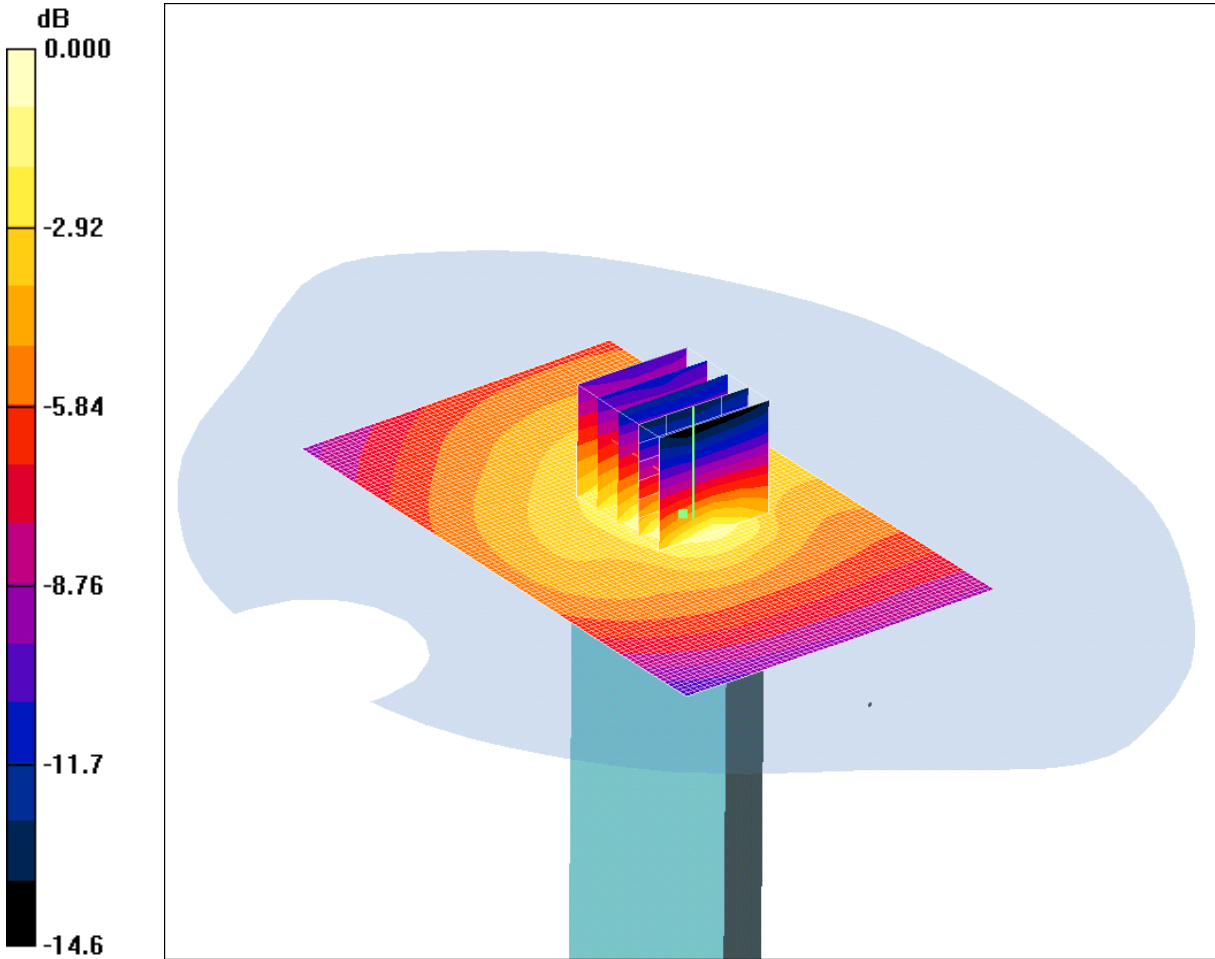
SAR(1 g) = 0.576 mW/g; SAR(10 g) = 0.392 mW/g

Maximum value of SAR (measured) = 0.617 mW/g

SCN/85929 JD02/015: Bottom of EUT Facing Phantom GPRS CH190

Date: 13/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 0.107mW/g

Communication System: GPRS 850 MHz 3TX; Frequency: 836.6 MHz; Duty Cycle: 1:2.67

Medium: 900 MHz MSL Medium parameters used (interpolated): f = 836.6 MHz; $\sigma = 1.02$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

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

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

Bottom of EUT Facing Phantom - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.091 mW/g

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

Reference Value = 9.76 V/m; Power Drift = 0.054 dB

Peak SAR (extrapolated) = 0.186 W/kg

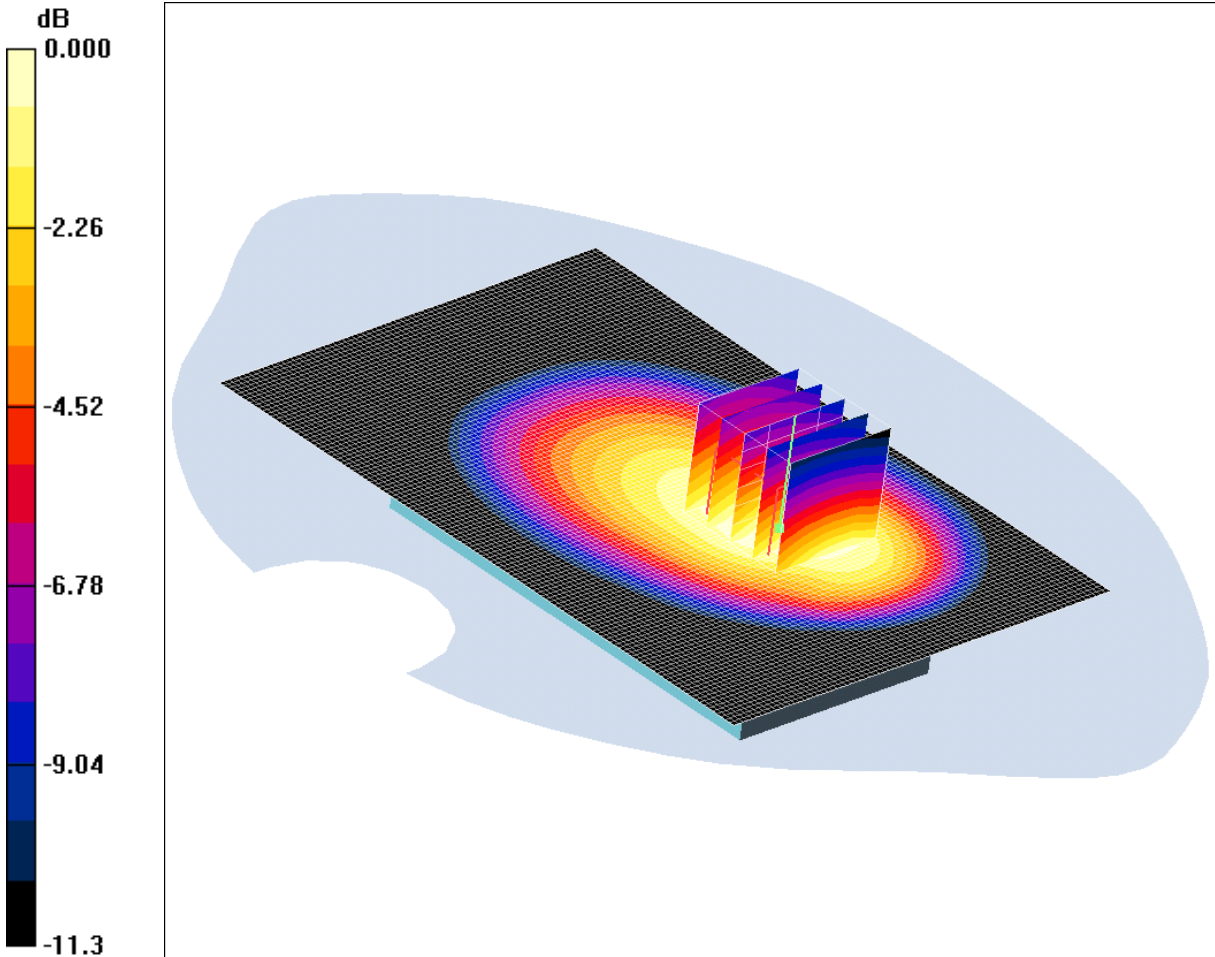
SAR(1 g) = 0.095 mW/g; SAR(10 g) = 0.053 mW/g

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

SCN/85929 JD02/016: Rear of EUT Facing Phantom EDGE CH190

Date: 13/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 0.951mW/g

Communication System: EGPRS 850 MHz 3TX; Frequency: 836.6 MHz; Duty Cycle: 1:2.67
 Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.02$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- 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 2/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.996 mW/g

Rear of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 26.1 V/m; Power Drift = 0.031 dB

Peak SAR (extrapolated) = 1.29 W/kg

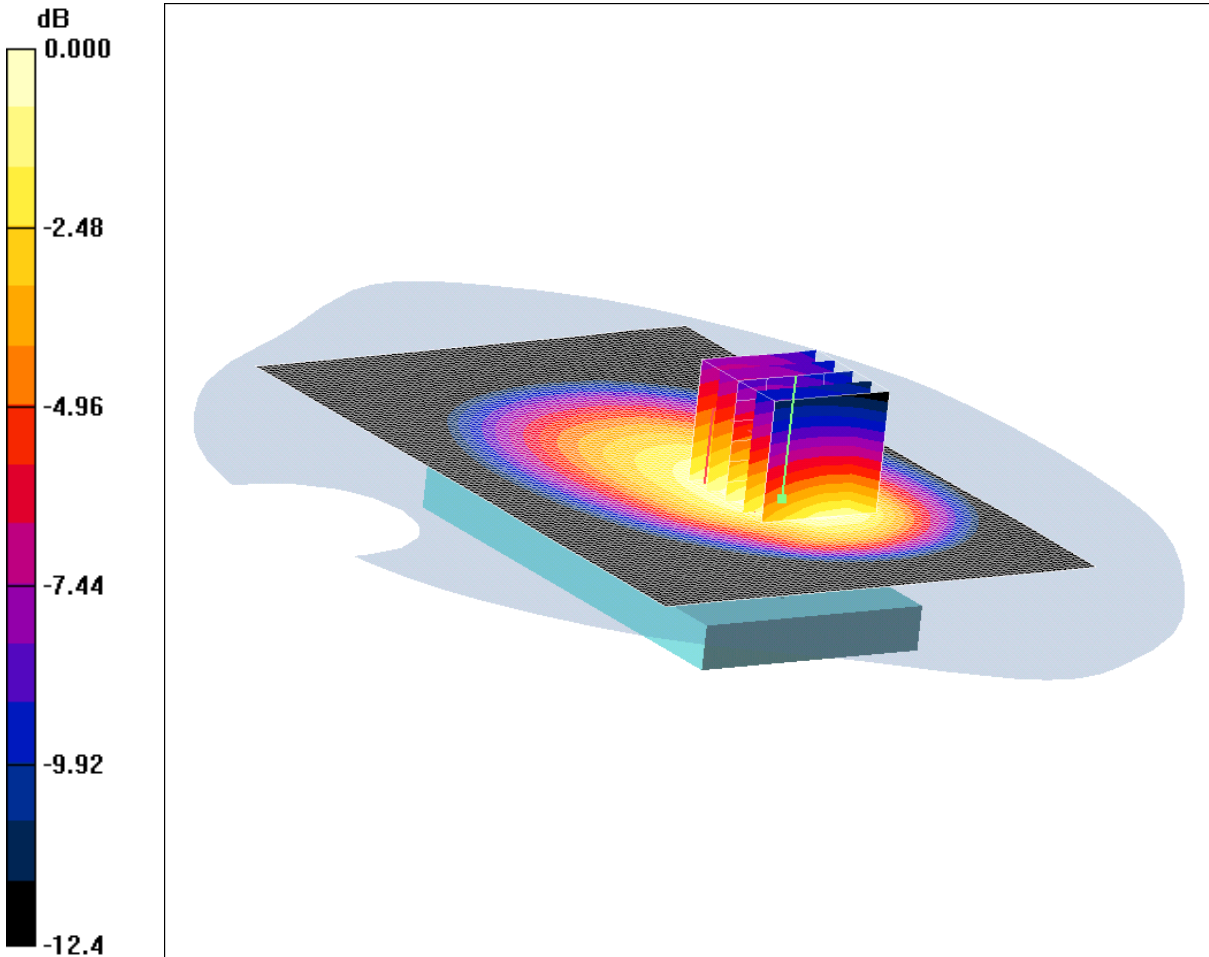
SAR(1 g) = 0.903 mW/g; SAR(10 g) = 0.637 mW/g

Maximum value of SAR (measured) = 0.951 mW/g

SCN/85929 JD02/017: Rear of EUT Facing Phantom EDGE CH128

Date: 14/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 1.06mW/g

Communication System: EGPRS 850 MHz 3TX; Frequency: 824.2 MHz; Duty Cycle: 1:2.67

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 1.02$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 2/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 26.9 V/m; Power Drift = 0.003 dB

Peak SAR (extrapolated) = 1.46 W/kg

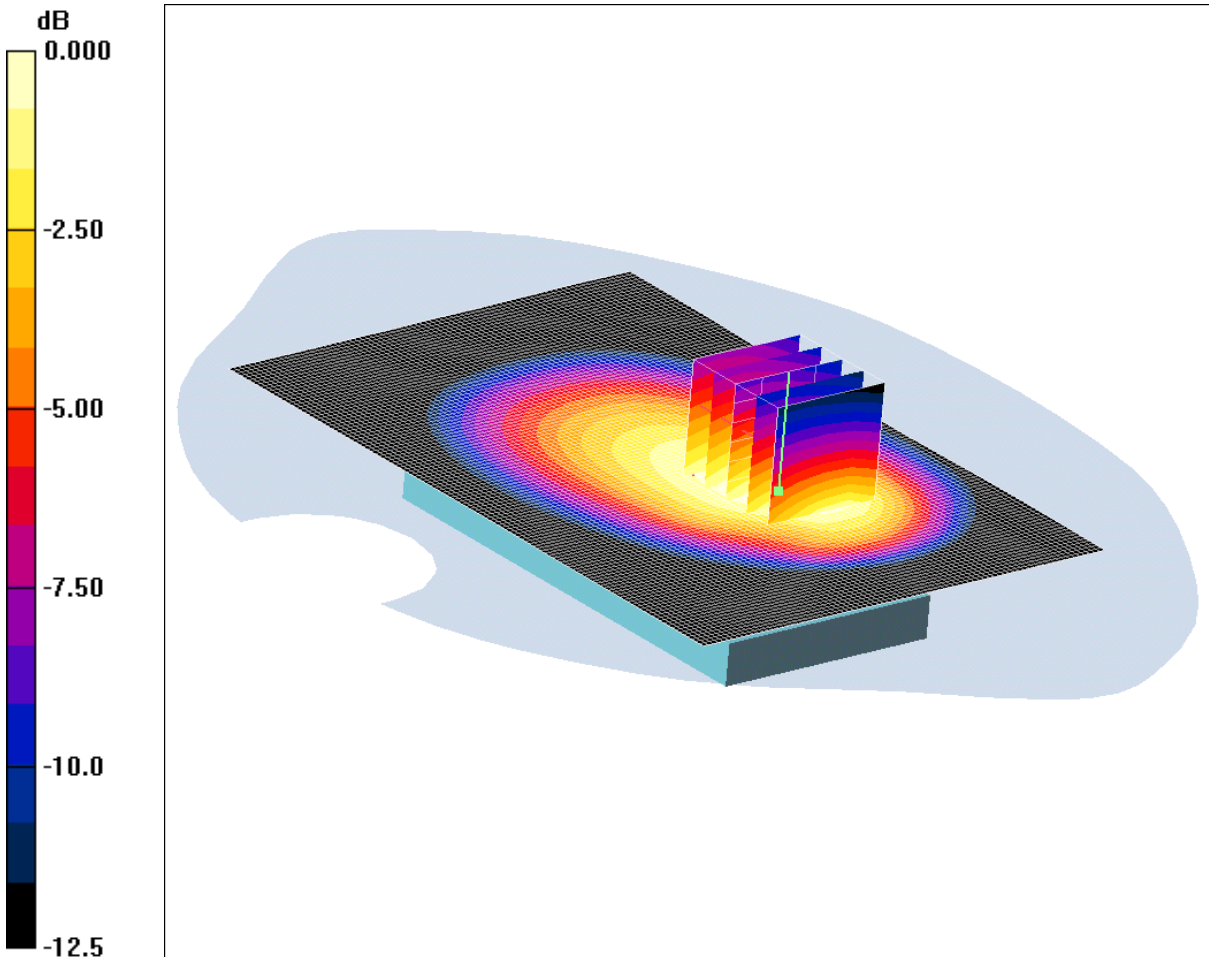
SAR(1 g) = 0.992 mW/g; SAR(10 g) = 0.684 mW/g

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

SCN/85929 JD02/018: Rear of EUT Facing Phantom EDGE CH251

Date: 14/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 1.15mW/g

Communication System: EGPRS 850 MHz 3TX; Frequency: 848.8 MHz; Duty Cycle: 1:2.67

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 1.03$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 28.5 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 1.55 W/kg

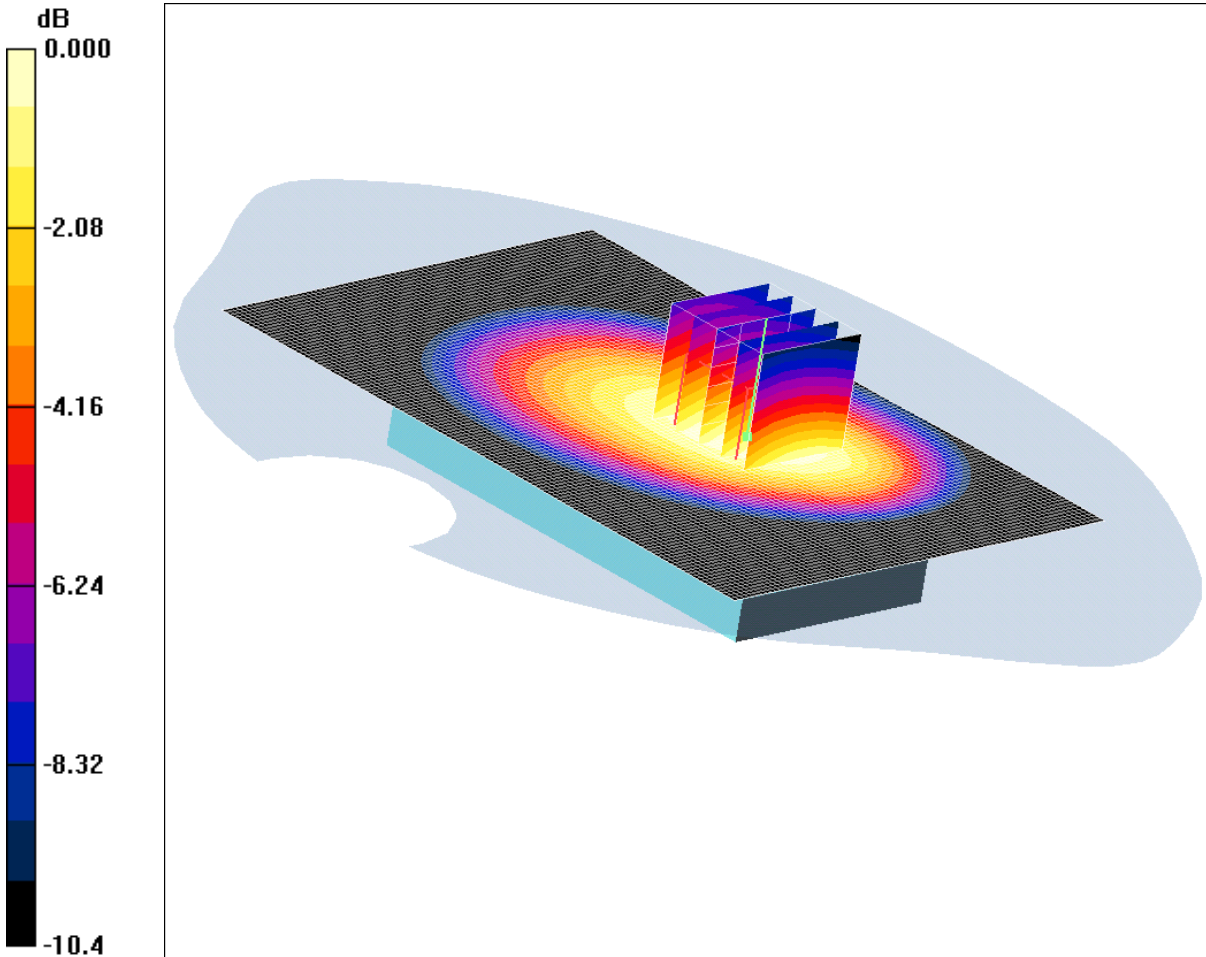
SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.746 mW/g

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

SCN/85929 JD02/019: Rear of EUT Facing Phantom GSM CH190

Date/Time: 14/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 0.629mW/g

Communication System: GSM 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; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.633 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 = 22.7 V/m; Power Drift = 0.006 dB

Peak SAR (extrapolated) = 0.810 W/kg

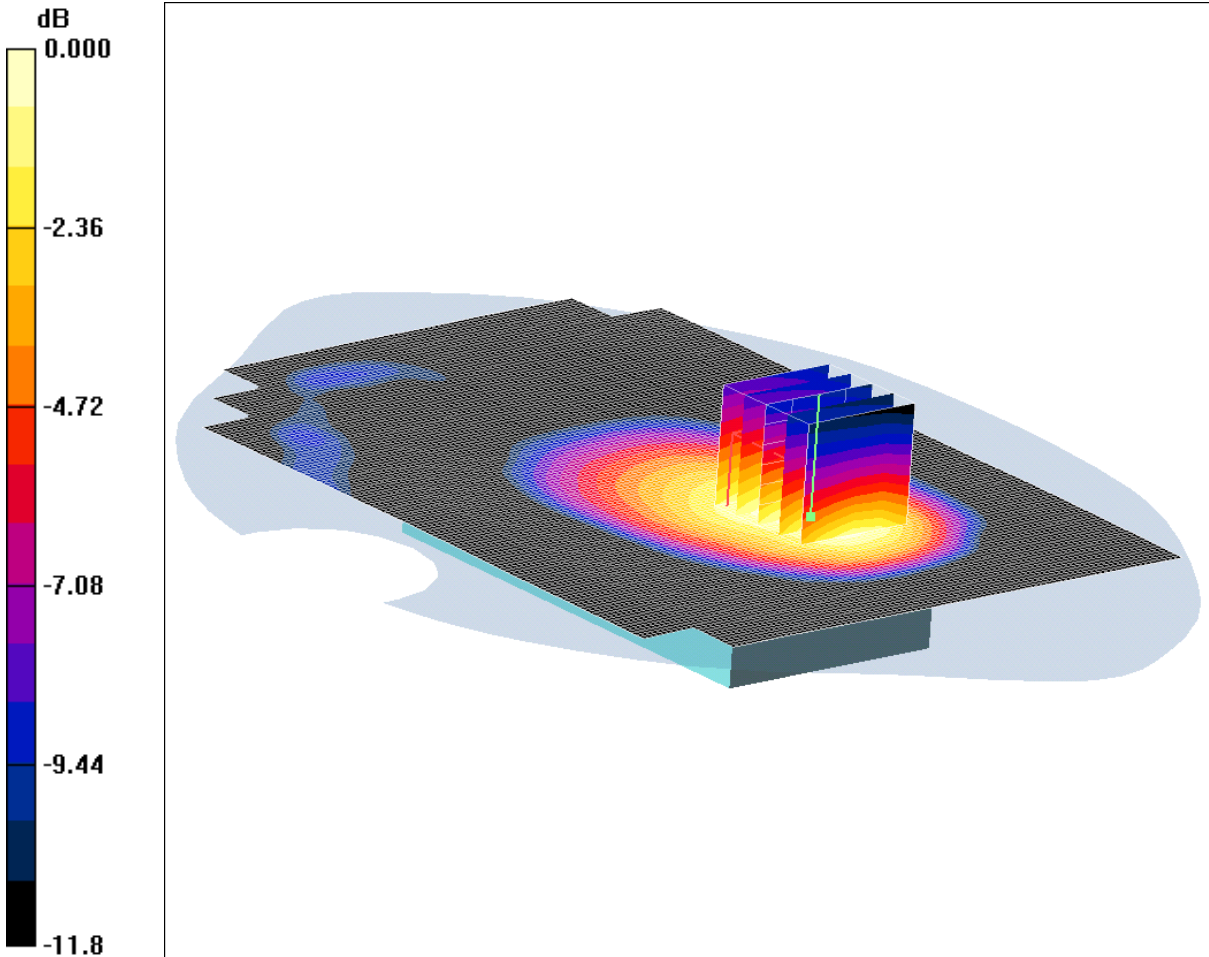
SAR(1 g) = 0.595 mW/g; SAR(10 g) = 0.430 mW/g

Maximum value of SAR (measured) = 0.629 mW/g

SCN/85929 JD02/020: Rear of EUT Facing Phantom with PHF GPRS CH251

Date 14/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 1.16mW/g

Communication System: GPRS 850 MHz 3TX; Frequency: 848.8 MHz; Duty Cycle: 1:2.67
 Medium: 900 MHz MSL Medium parameters used (interpolated): f = 848.8 MHz; $\sigma = 1.03$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- 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 (101x141x1): Measurement grid: dx=15mm, dy=15mm

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

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

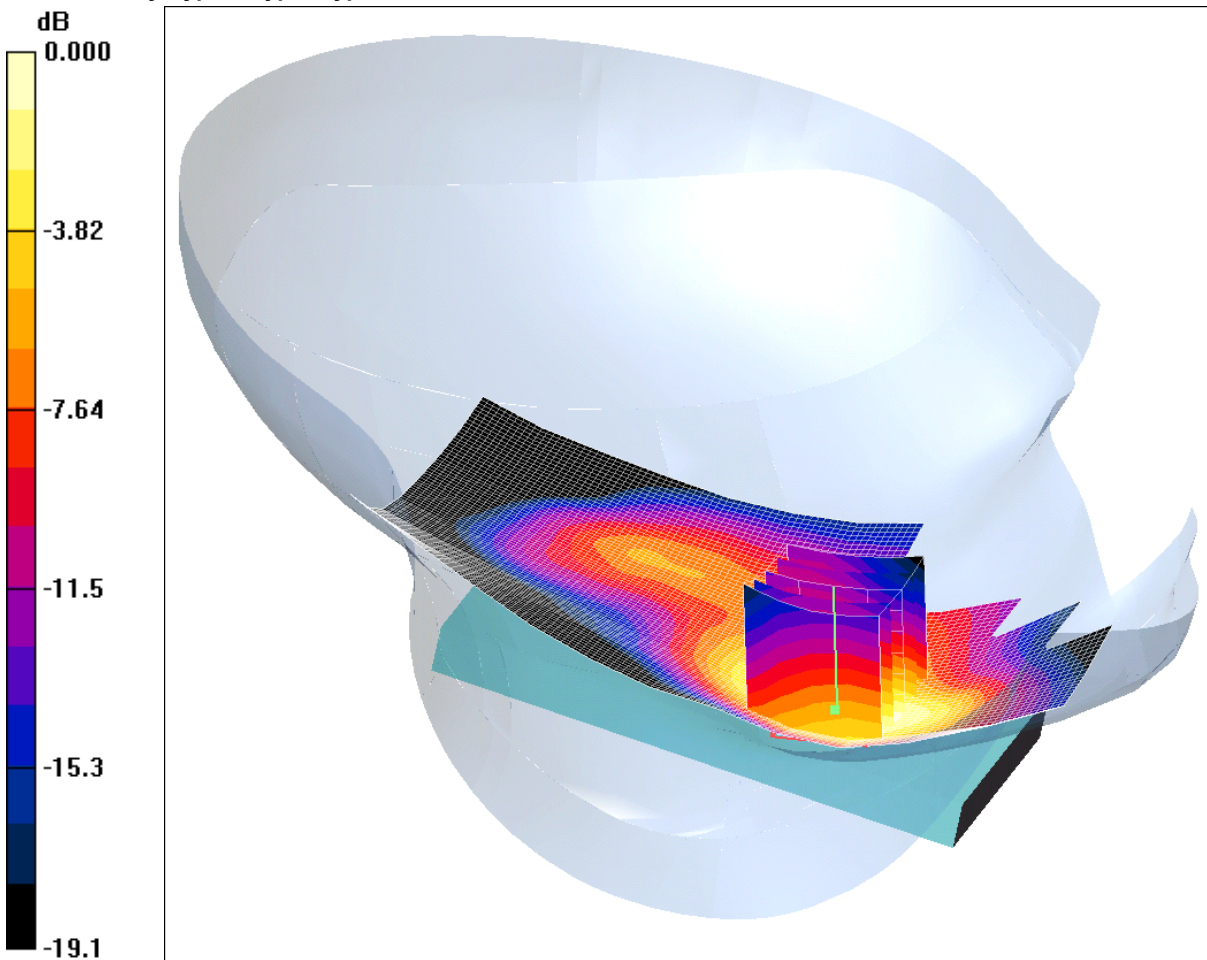
Reference Value = 23.5 V/m; Power Drift = -0.113 dB

Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.715 mW/g

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

SCN/85929 JD02/021: Touch Left PCS CH661
 Date: 16/02/2012
 DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 0.901mW/g

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
 Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.78, 7.78, 7.78); Calibrated: 22/09/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- 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 2/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.921 mW/g

Touch Left - Middle 2/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.16 V/m; Power Drift = 0.005 dB

Peak SAR (extrapolated) = 1.16 W/kg

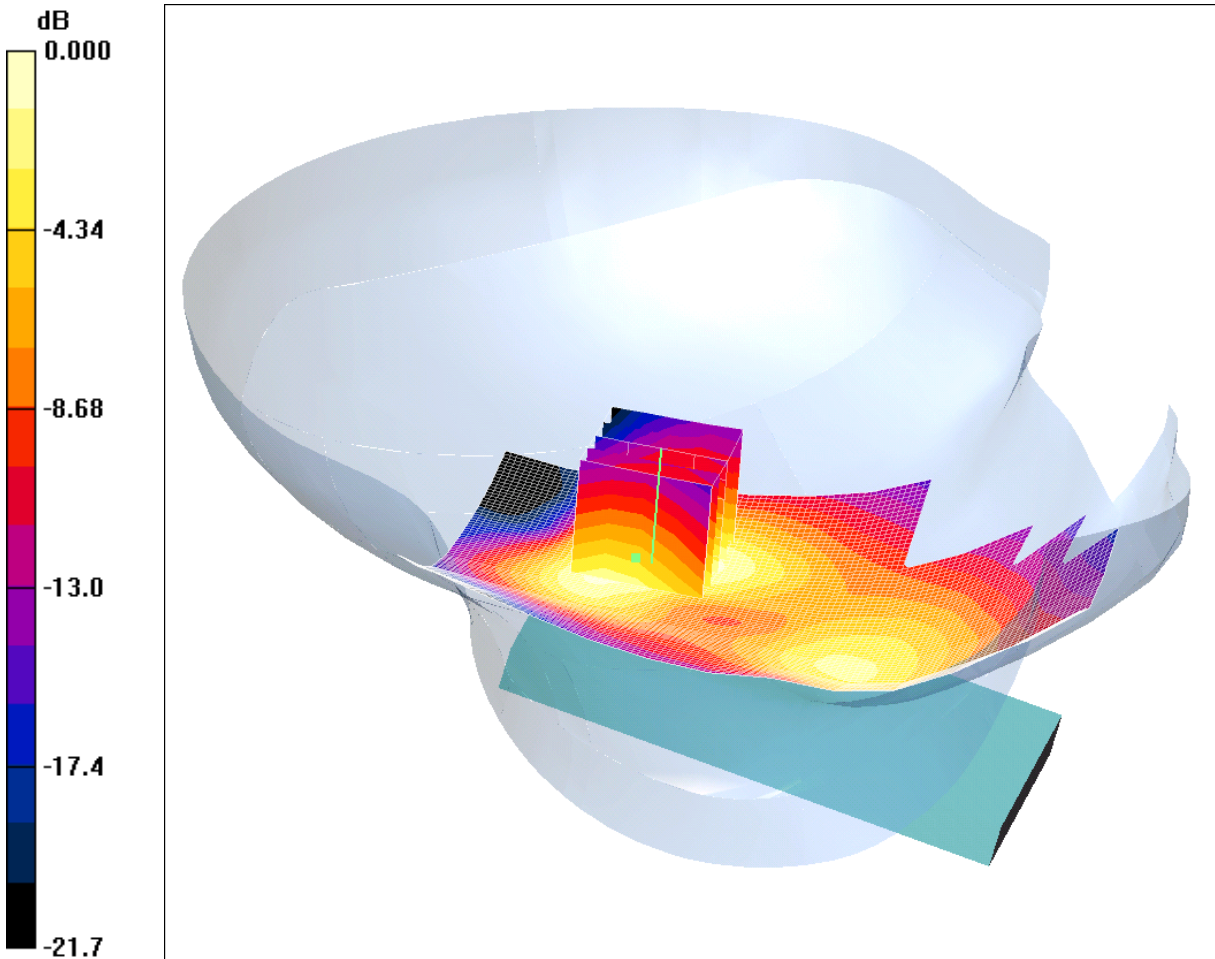
SAR(1 g) = 0.713 mW/g; SAR(10 g) = 0.411 mW/g

Maximum value of SAR (measured) = 0.901 mW/g

SCN/85929 JD02/022: Tilt Left PCS CH661

Date: 16/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 0.303mW/g

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

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.78, 7.78, 7.78); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.338 mW/g

Tilt Left - Middle/Zoom Scan (5x5x7) 2 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

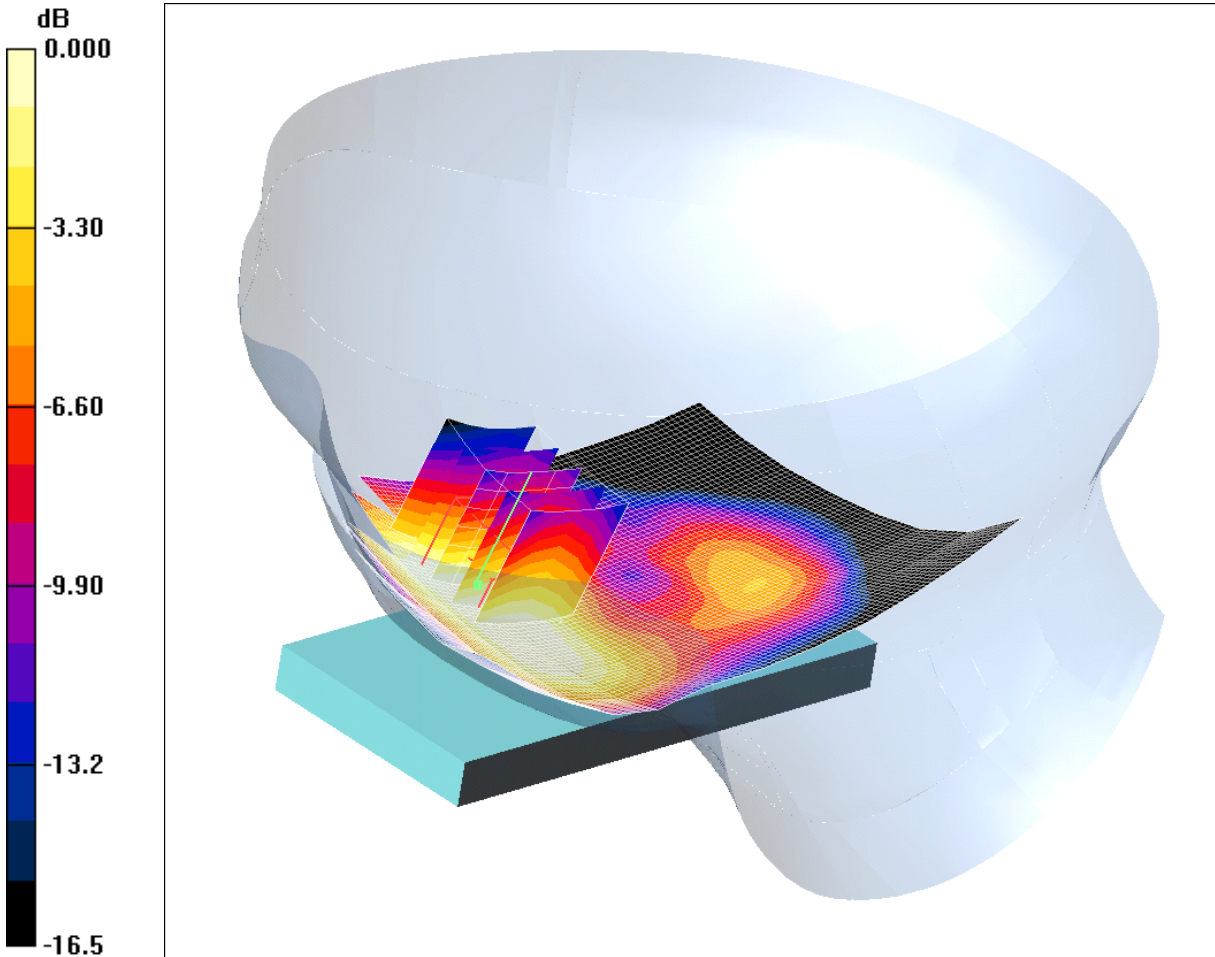
Reference Value = 12.5 V/m; Power Drift = 0.001 dB

Peak SAR (extrapolated) = 0.390 W/kg

SAR(1 g) = 0.247 mW/g; SAR(10 g) = 0.147 mW/g

Maximum value of SAR (measured) = 0.303 mW/g

SCN/85929 JD02/023: Touch Right PCS CH661
 Date: 16/02/2012
 DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 0.434mW/g

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
 Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.78, 7.78, 7.78); Calibrated: 22/09/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- 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 2/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

Touch Right - Middle 2/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.80 V/m; Power Drift = 0.096 dB

Peak SAR (extrapolated) = 0.534 W/kg

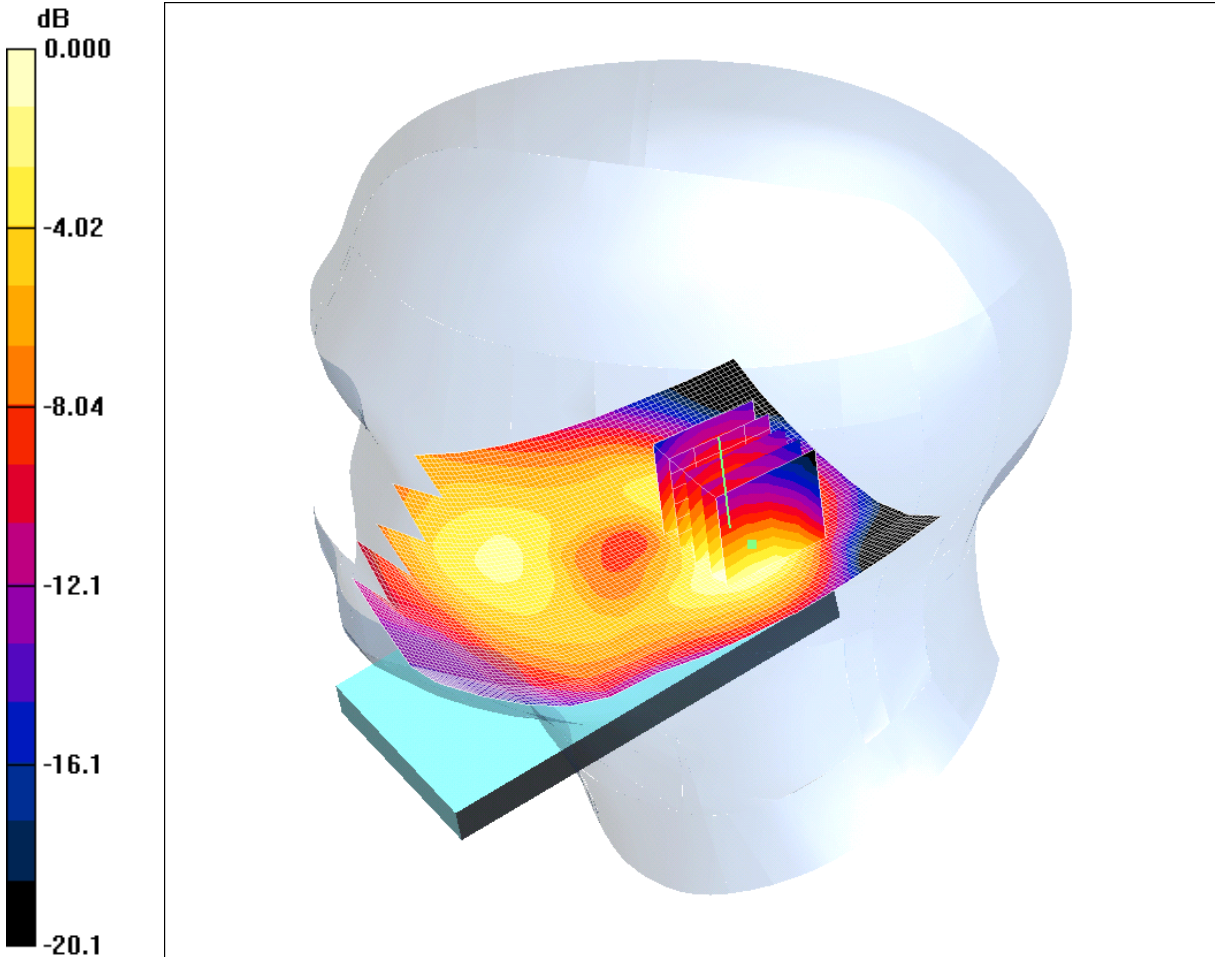
SAR(1 g) = 0.367 mW/g; SAR(10 g) = 0.244 mW/g

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

SCN/85929 JD02/024: Tilt Right PCS CH661

Date 16/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 0.212mW/g

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

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.78, 7.78, 7.78); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 2/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.238 mW/g

Tilt Right - Middle 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

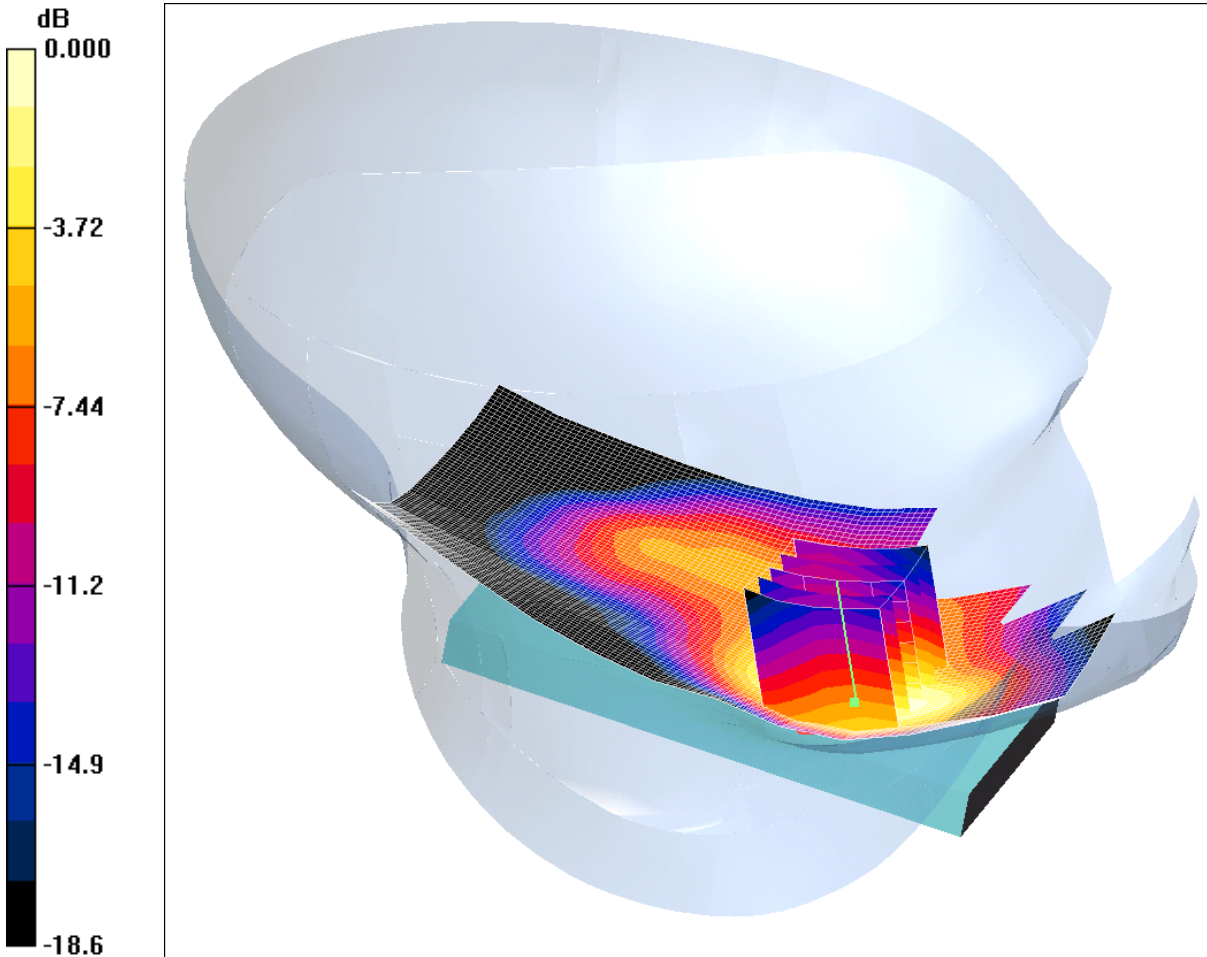
Reference Value = 12.2 V/m; Power Drift = 0.041 dB

Peak SAR (extrapolated) = 0.276 W/kg

SAR(1 g) = 0.172 mW/g; SAR(10 g) = 0.105 mW/g

Maximum value of SAR (measured) = 0.212 mW/g

SCN/85929 JD02/025: Touch Left PCS CH512
 Date: 16/02/2012
 DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 0.801mW/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; $\sigma = 1.41$ mho/m; $\epsilon_r = 38.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.78, 7.78, 7.78); Calibrated: 22/09/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- 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 2/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.827 mW/g

Touch Left - Low 2/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.05 V/m; Power Drift = 0.172 dB

Peak SAR (extrapolated) = 1.03 W/kg

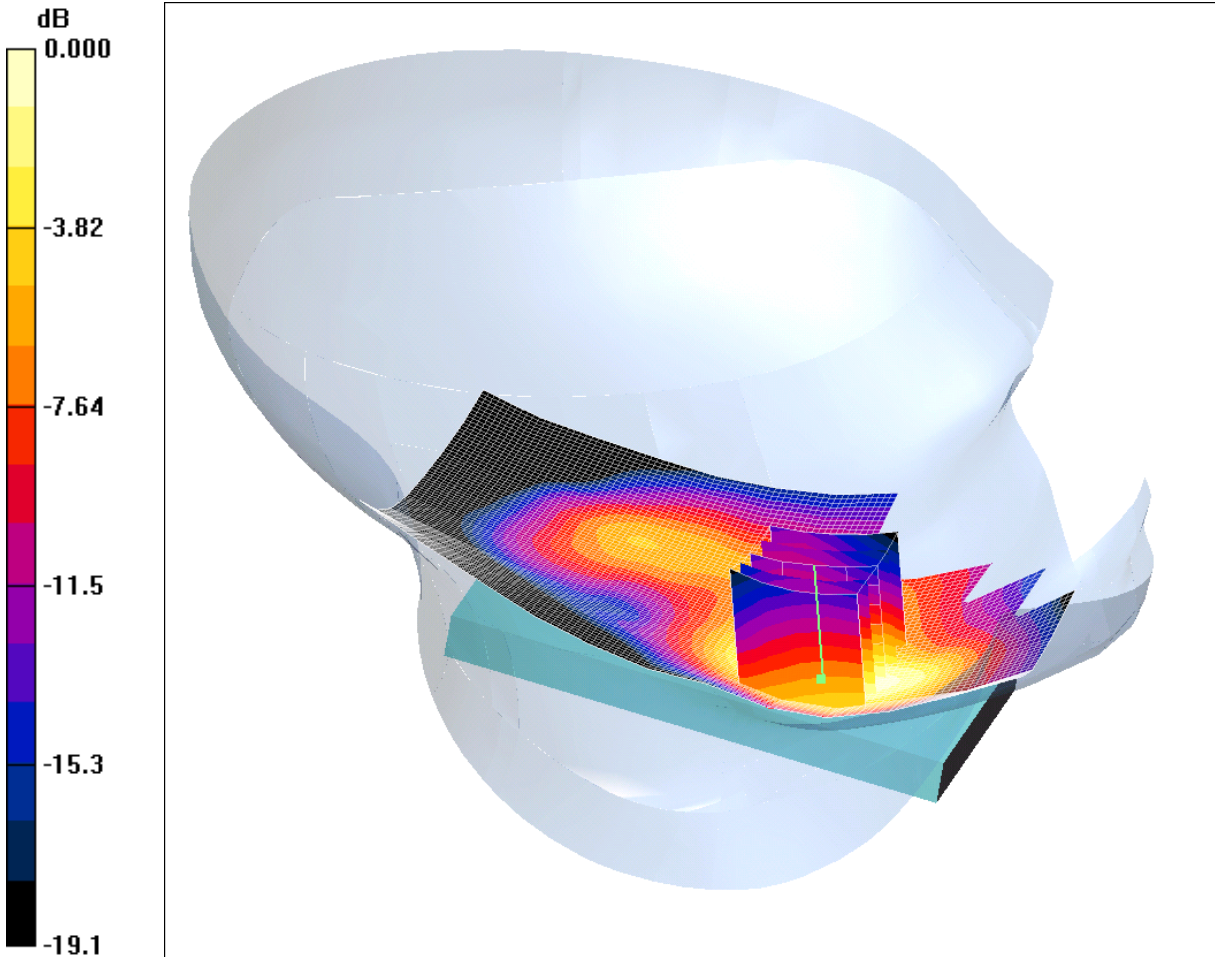
SAR(1 g) = 0.638 mW/g; SAR(10 g) = 0.376 mW/g

Maximum value of SAR (measured) = 0.801 mW/g

SCN/85929 JD02/026: Touch Left PCS CH810

Date: 16/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 0.698mW/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; $\sigma = 1.47$ mho/m; $\epsilon_r = 38.3$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.78, 7.78, 7.78); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.716 mW/g

Touch Left - High/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.11 V/m; Power Drift = 0.047 dB

Peak SAR (extrapolated) = 0.905 W/kg

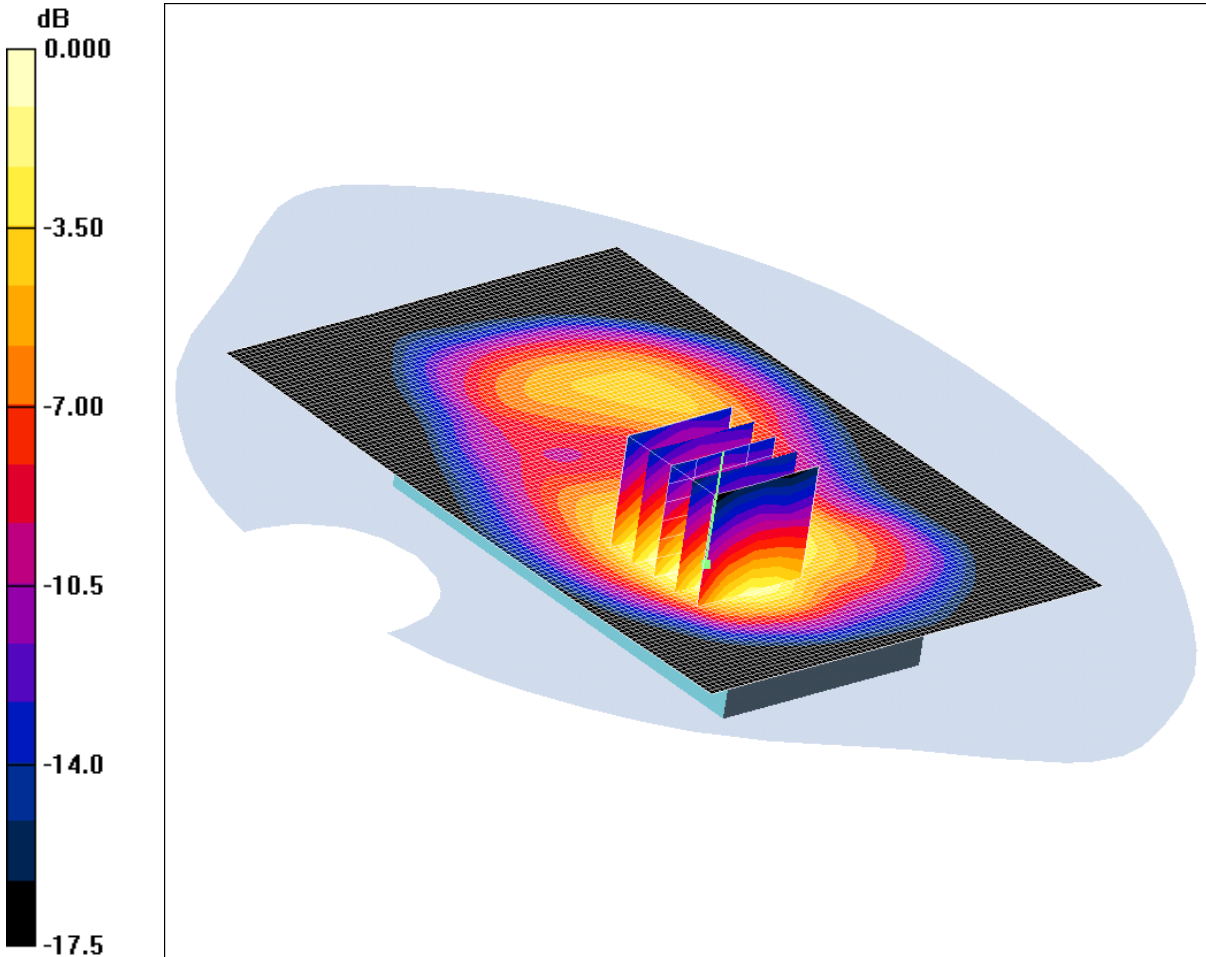
SAR(1 g) = 0.551 mW/g; SAR(10 g) = 0.317 mW/g

Maximum value of SAR (measured) = 0.698 mW/g

SCN/85929 JD02/027: Front of EUT Facing Phantom GPRS CH661

Date: 16/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 0.627mW/g

Communication System: GPRS 1900 3Tx; Frequency: 1880 MHz; Duty Cycle: 1:2.67

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880 \text{ MHz}$; $\sigma = 1.56 \text{ mho/m}$; $\epsilon_r = 51.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.31, 7.31, 7.31); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.632 mW/g

Front of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.82 V/m; Power Drift = 0.002 dB

Peak SAR (extrapolated) = 0.977 W/kg

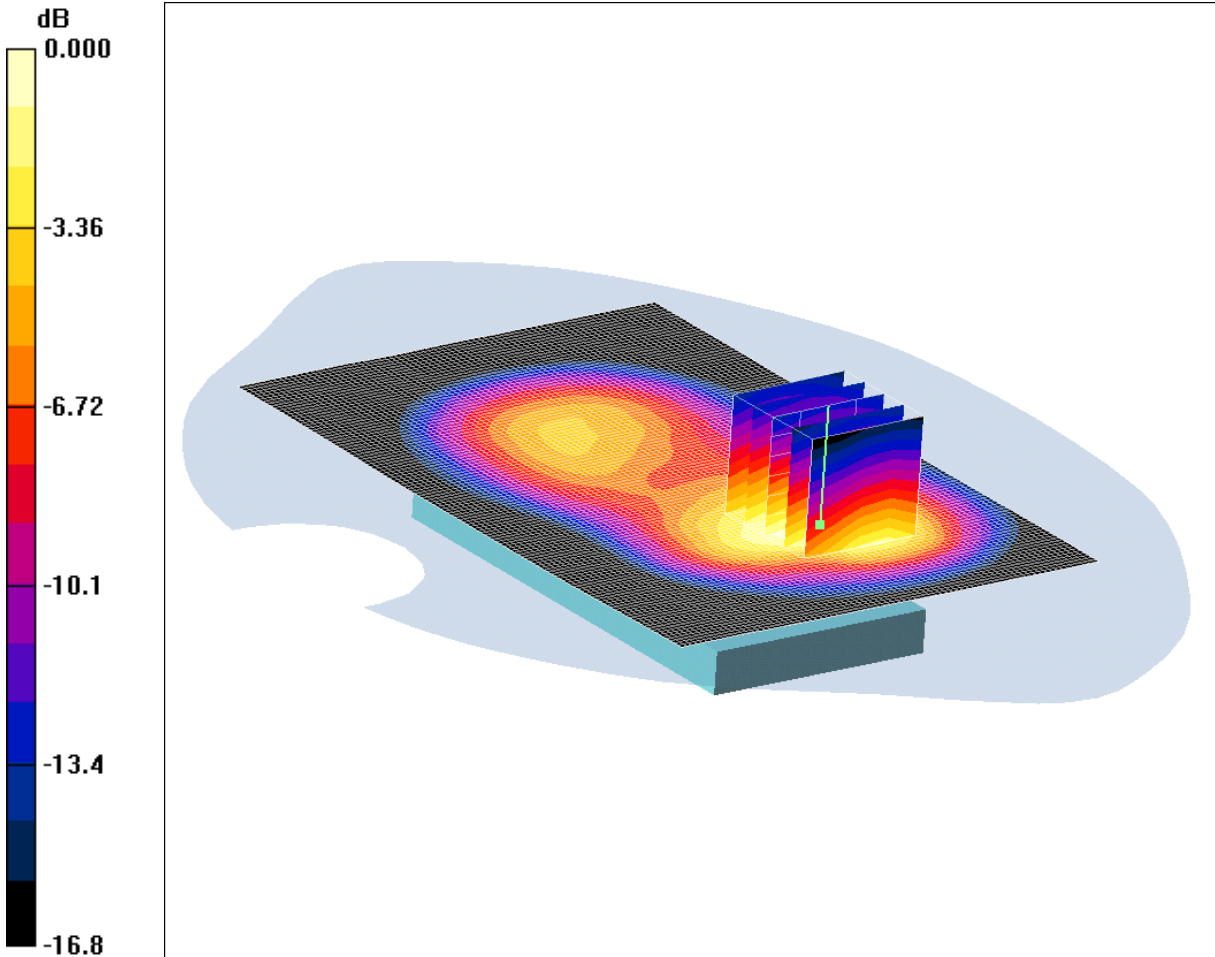
SAR(1 g) = 0.581 mW/g; SAR(10 g) = 0.346 mW/g

Maximum value of SAR (measured) = 0.627 mW/g

SCN/85929 JD02/028: Rear of EUT Facing Phantom GPRS CH661

Date: 16/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 0.765mW/g

Communication System: GPRS 1900 3Tx; Frequency: 1880 MHz; Duty Cycle: 1:2.67

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.31, 7.31, 7.31); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.800 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 = 10.0 V/m; Power Drift = -0.026 dB

Peak SAR (extrapolated) = 1.23 W/kg

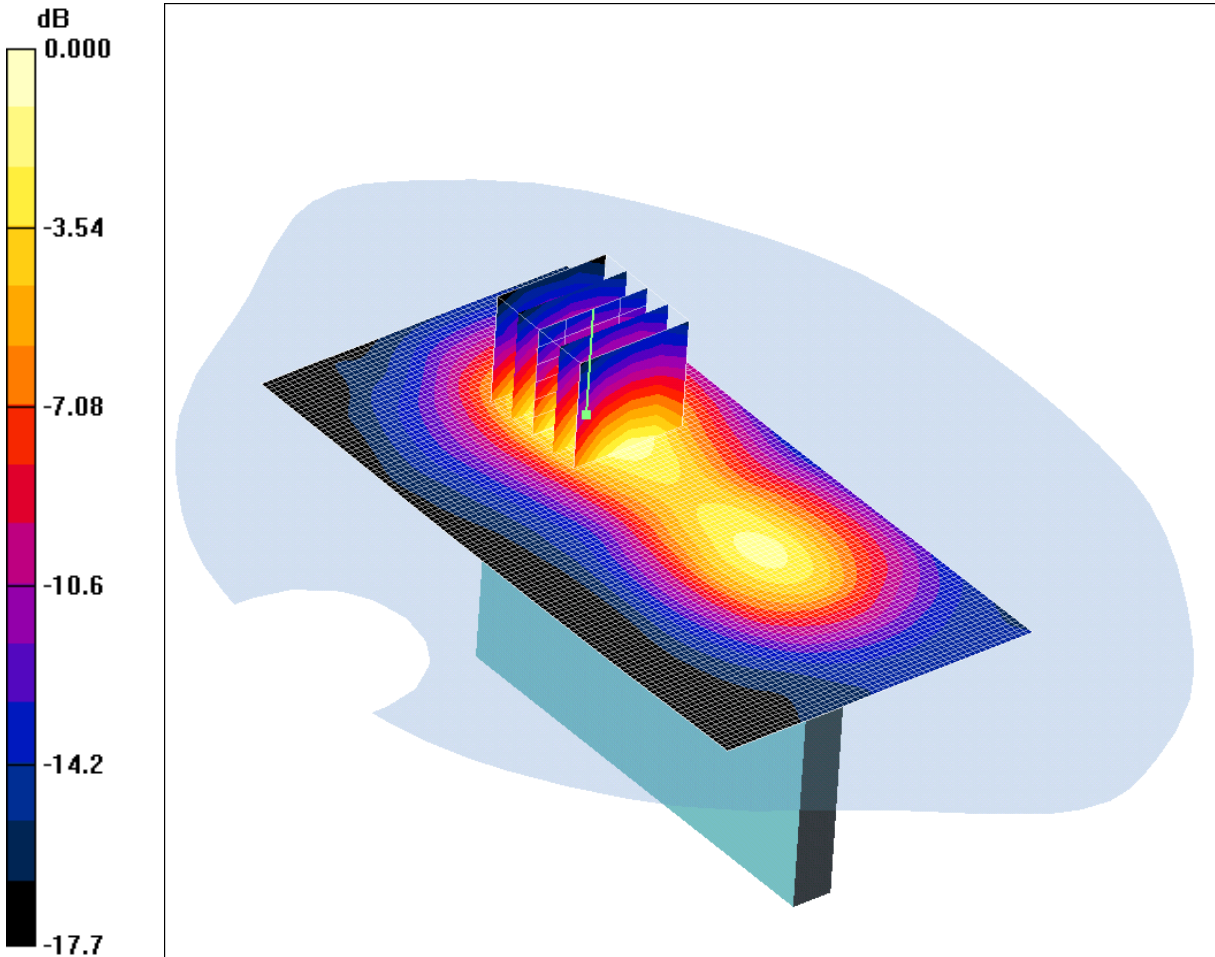
SAR(1 g) = 0.721 mW/g; SAR(10 g) = 0.418 mW/g

Maximum value of SAR (measured) = 0.765 mW/g

SCN/85929 JD02/029: Left Hand Side of EUT Facing Phantom GPRS CH661

Date: 16/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 0.405mW/g

Communication System: GPRS 1900 3Tx; Frequency: 1880 MHz; Duty Cycle: 1:2.67

Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.31, 7.31, 7.31); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

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

Maximum value of SAR (interpolated) = 0.417 mW/g

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

Reference Value = 9.15 V/m; Power Drift = 0.176 dB

Peak SAR (extrapolated) = 0.640 W/kg

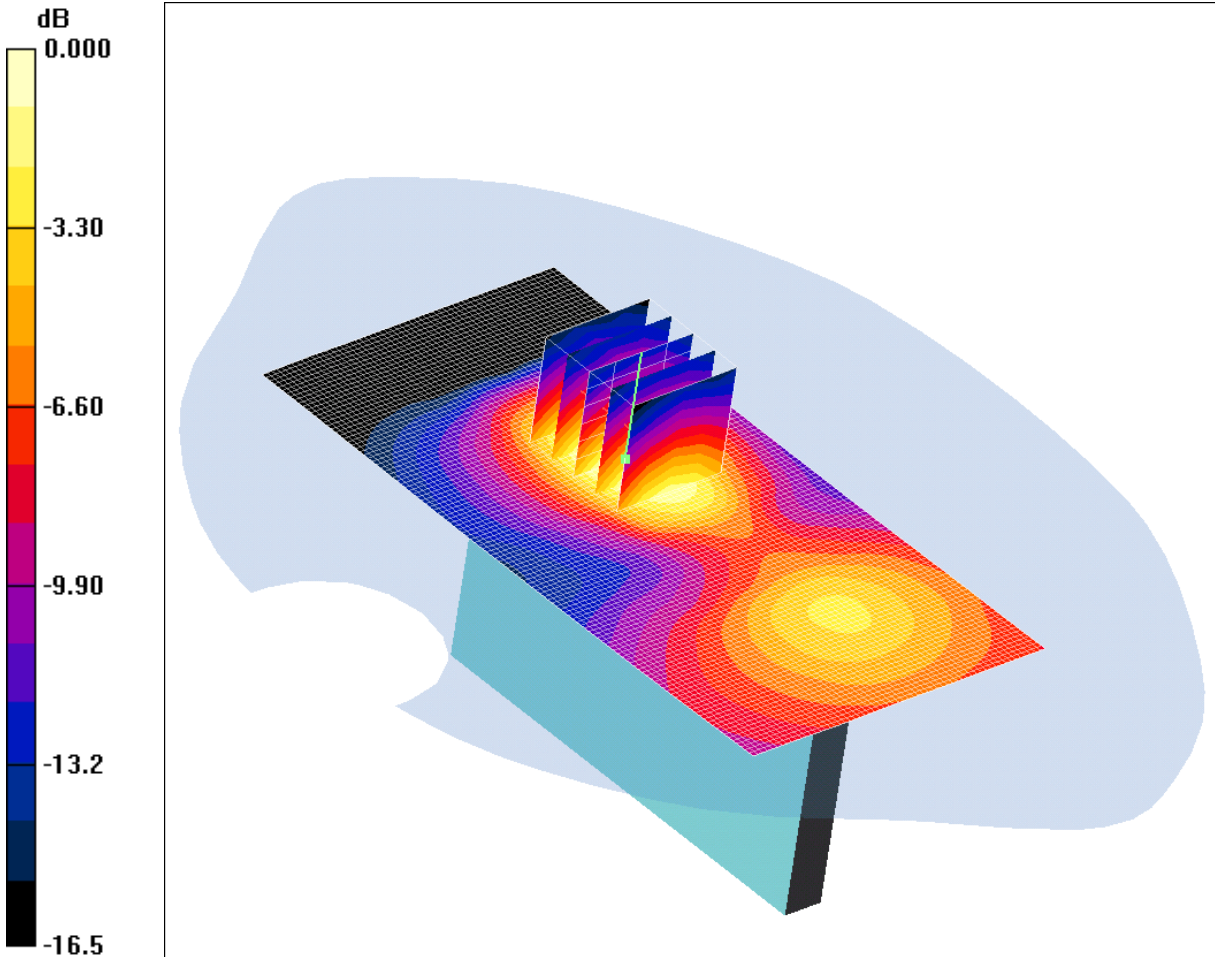
SAR(1 g) = 0.366 mW/g; SAR(10 g) = 0.202 mW/g

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

SCN/85929 JD02/030: Right Hand Side of EUT Facing Phantom GPRS CH661

Date: 16/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 0.164mW/g

Communication System: GPRS 1900 3Tx; Frequency: 1880 MHz; Duty Cycle: 1:2.67

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.31, 7.31, 7.31); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

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

Maximum value of SAR (interpolated) = 0.165 mW/g

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

Reference Value = 7.64 V/m; Power Drift = -0.004 dB

Peak SAR (extrapolated) = 0.247 W/kg

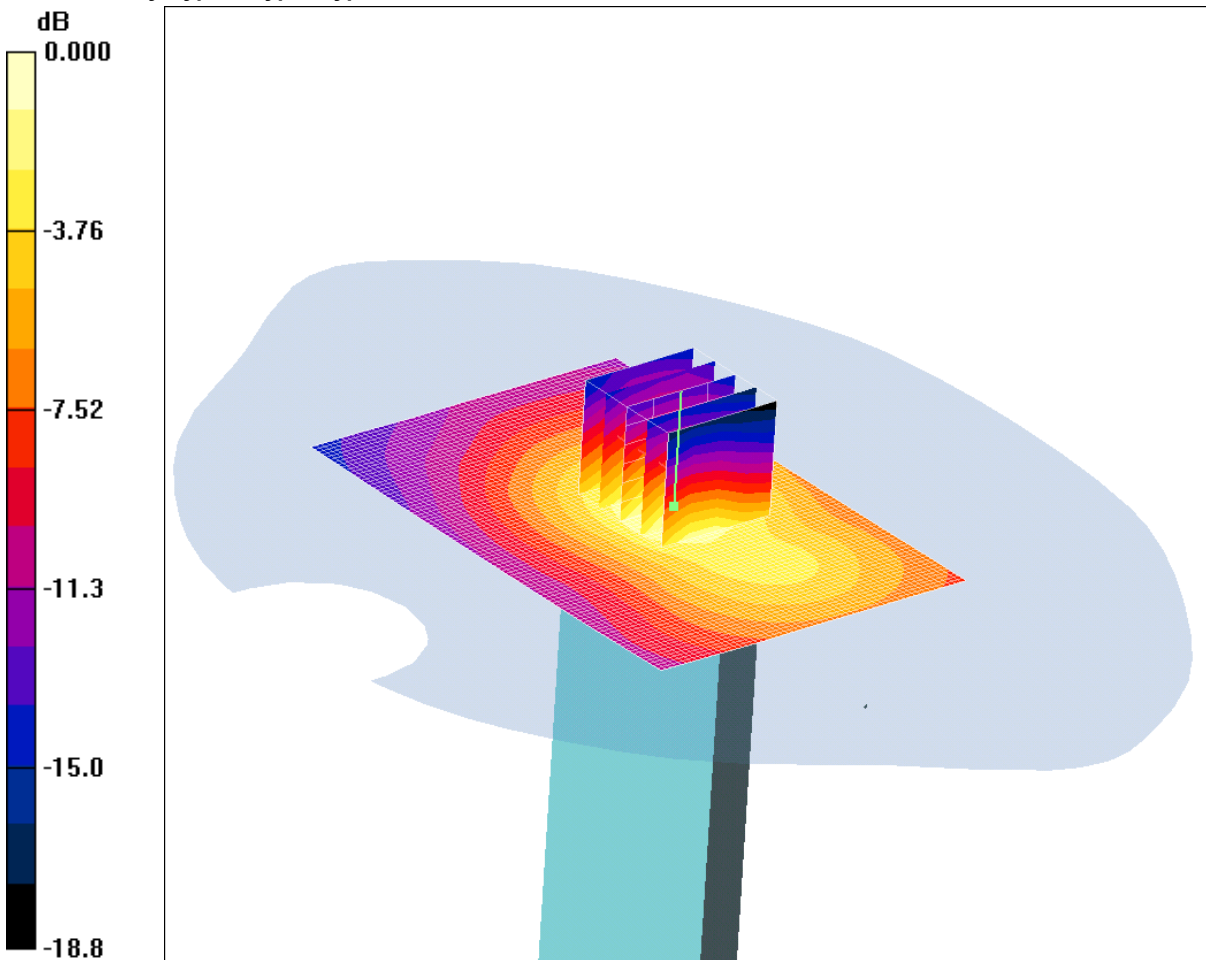
SAR(1 g) = 0.148 mW/g; SAR(10 g) = 0.084 mW/g

Maximum value of SAR (measured) = 0.164 mW/g

SCN/85929 JD02/031: Bottom of EUT Facing Phantom GPRS CH661

Date: 16/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 0.194mW/g

Communication System: GPRS 1900 3Tx; Frequency: 1880 MHz; Duty Cycle: 1:2.67

Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.31, 7.31, 7.31); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.175 mW/g

Bottom of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 10.9 V/m; Power Drift = 0.091 dB

Peak SAR (extrapolated) = 0.299 W/kg

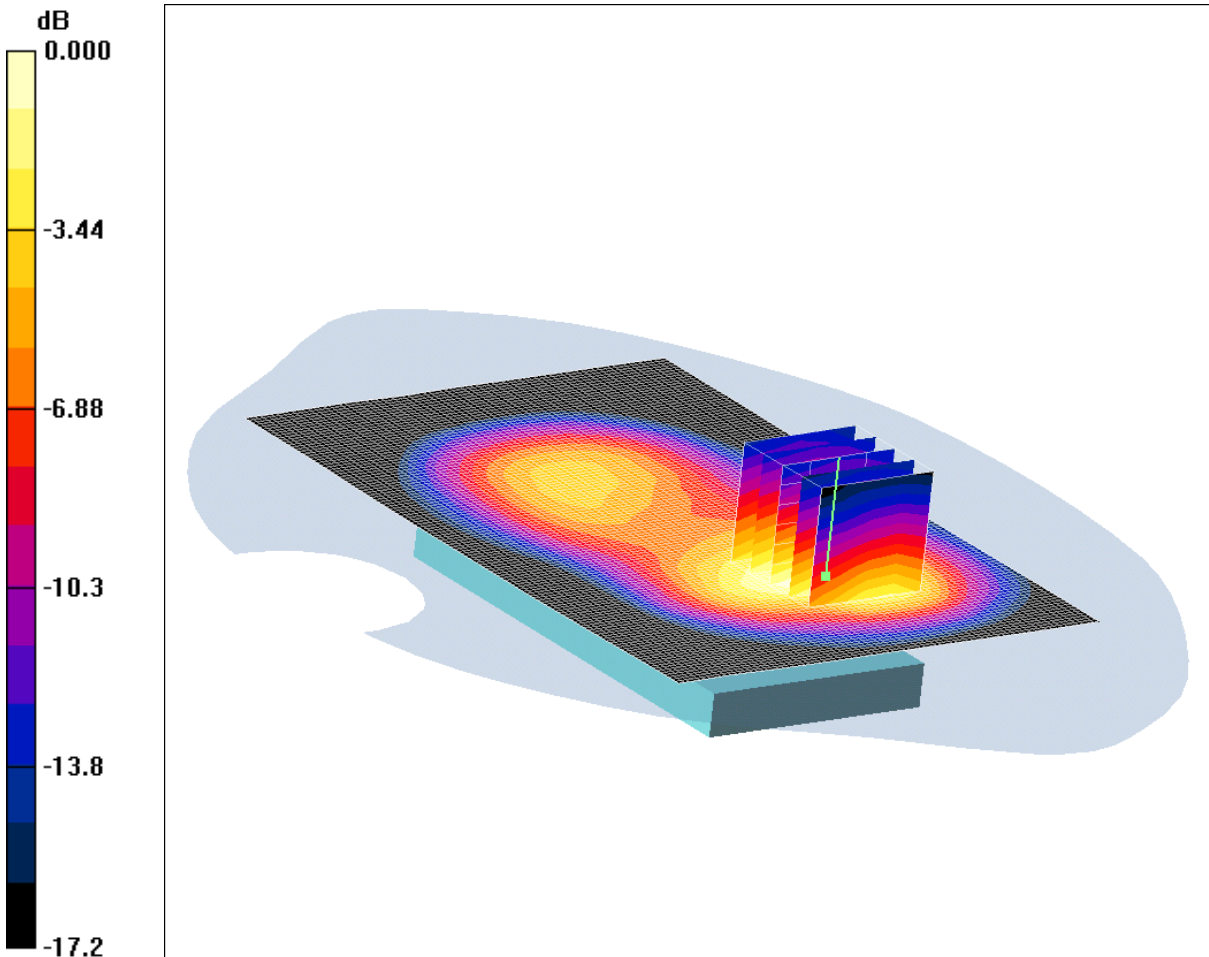
SAR(1 g) = 0.177 mW/g; SAR(10 g) = 0.100 mW/g

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

SCN/85929 JD02/032: Rear of EUT Facing Phantom EDGE CH661

Date: 16/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 0.713mW/g

Communication System: EGPRS 1900 3Tx; Frequency: 1880 MHz; Duty Cycle: 1:2.67

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.31, 7.31, 7.31); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.737 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 = 10.0 V/m; Power Drift = -0.007 dB

Peak SAR (extrapolated) = 1.12 W/kg

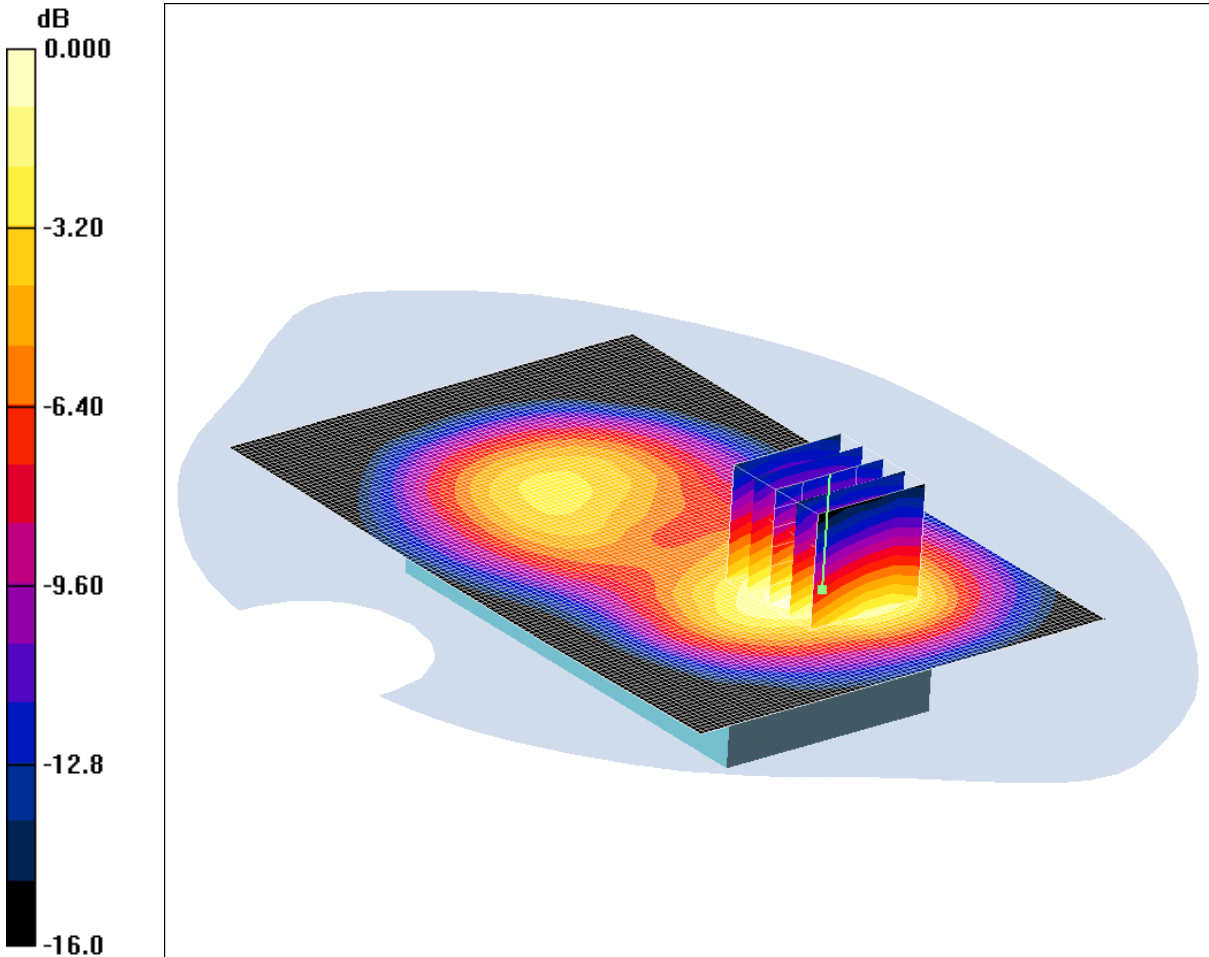
SAR(1 g) = 0.664 mW/g; SAR(10 g) = 0.387 mW/g

Maximum value of SAR (measured) = 0.713 mW/g

SCN/85929 JD02/033: Rear of EUT Facing Phantom PCS CH661

Date/Time: 16/02/2012 22:14:12

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 0.399mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.31, 7.31, 7.31); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.419 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 = 7.56 V/m; Power Drift = -0.063 dB

Peak SAR (extrapolated) = 0.601 W/kg

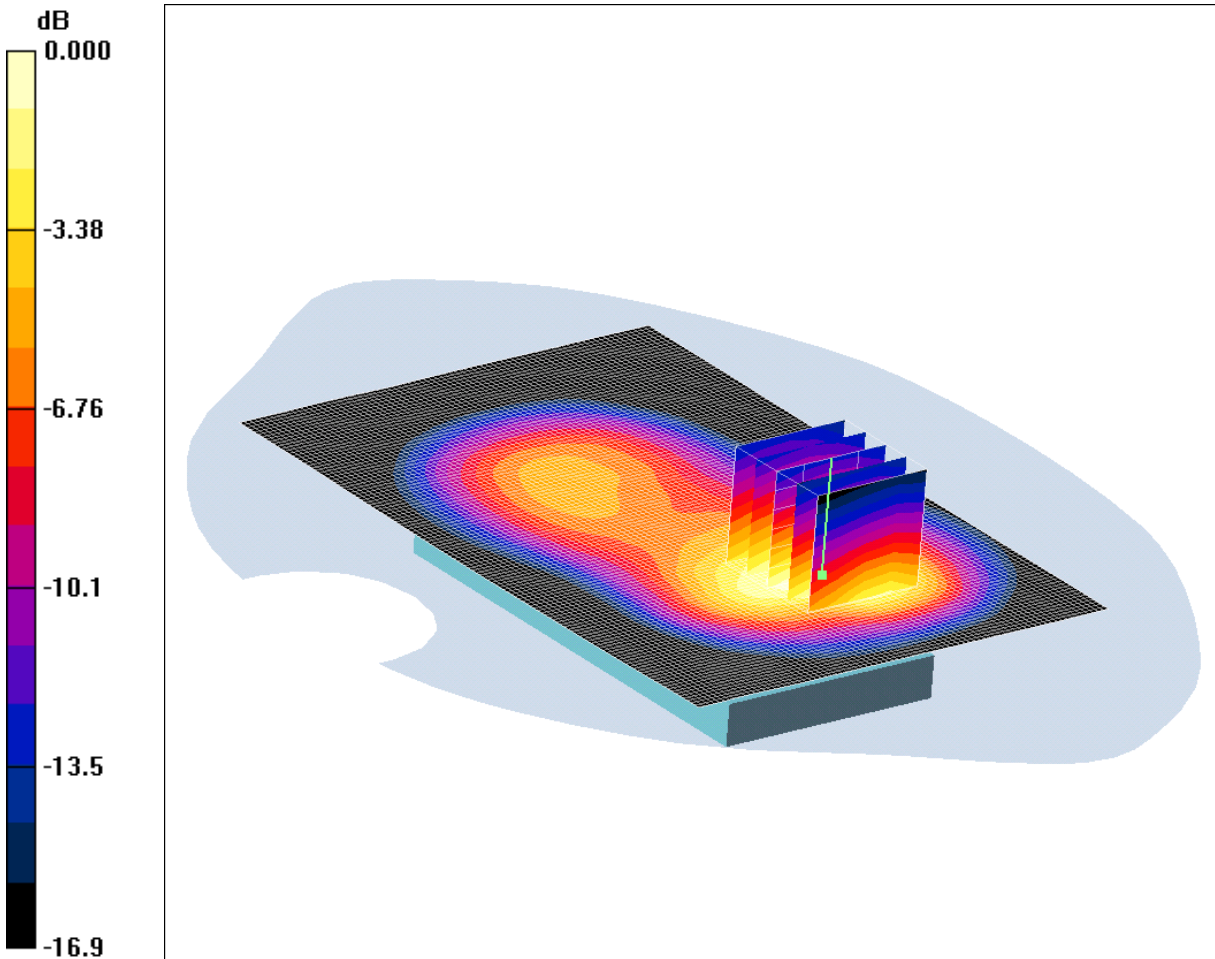
SAR(1 g) = 0.373 mW/g; SAR(10 g) = 0.225 mW/g

Maximum value of SAR (measured) = 0.399 mW/g

SCN/85929 JD02/034: Rear of EUT Facing Phantom GPRS CH512

Date: 17/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 0.858mW/g

Communication System: GPRS 1900 3Tx; Frequency: 1850.2 MHz; Duty Cycle: 1:2.67

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1850.2 \text{ MHz}$; $\sigma = 1.53 \text{ mho/m}$; $\epsilon_r = 51.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.31, 7.31, 7.31); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Rear of EUT Facing Phantom - Low/Zoom Scan (5x5x7) 2 2 2 (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 = 0.033 dB

Peak SAR (extrapolated) = 1.34 W/kg

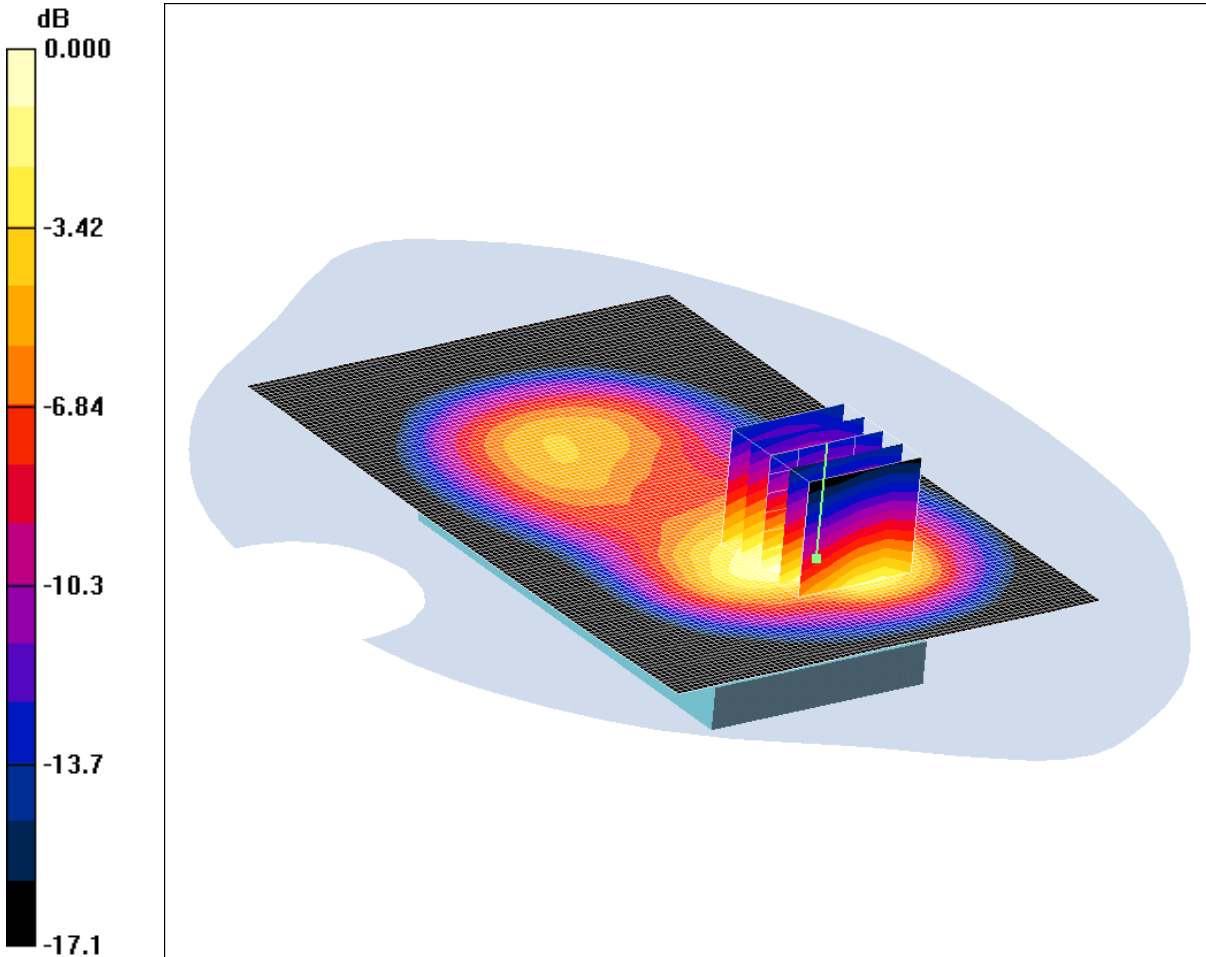
SAR(1 g) = 0.805 mW/g; SAR(10 g) = 0.472 mW/g

Maximum value of SAR (measured) = 0.858 mW/g

SCN/85929 JD02/035: Rear of EUT Facing Phantom GPRS CH810

Date: 17/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 0.775mW/g

Communication System: GPRS 1900 3Tx; Frequency: 1909.8 MHz; Duty Cycle: 1:2.67

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1909.8 \text{ MHz}$; $\sigma = 1.59 \text{ mho/m}$; $\epsilon_r = 51.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.31, 7.31, 7.31); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.822 mW/g

Rear of EUT Facing Phantom - High/Zoom Scan (5x5x7) 2 2 2 (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.09 V/m; Power Drift = -0.035 dB

Peak SAR (extrapolated) = 1.23 W/kg

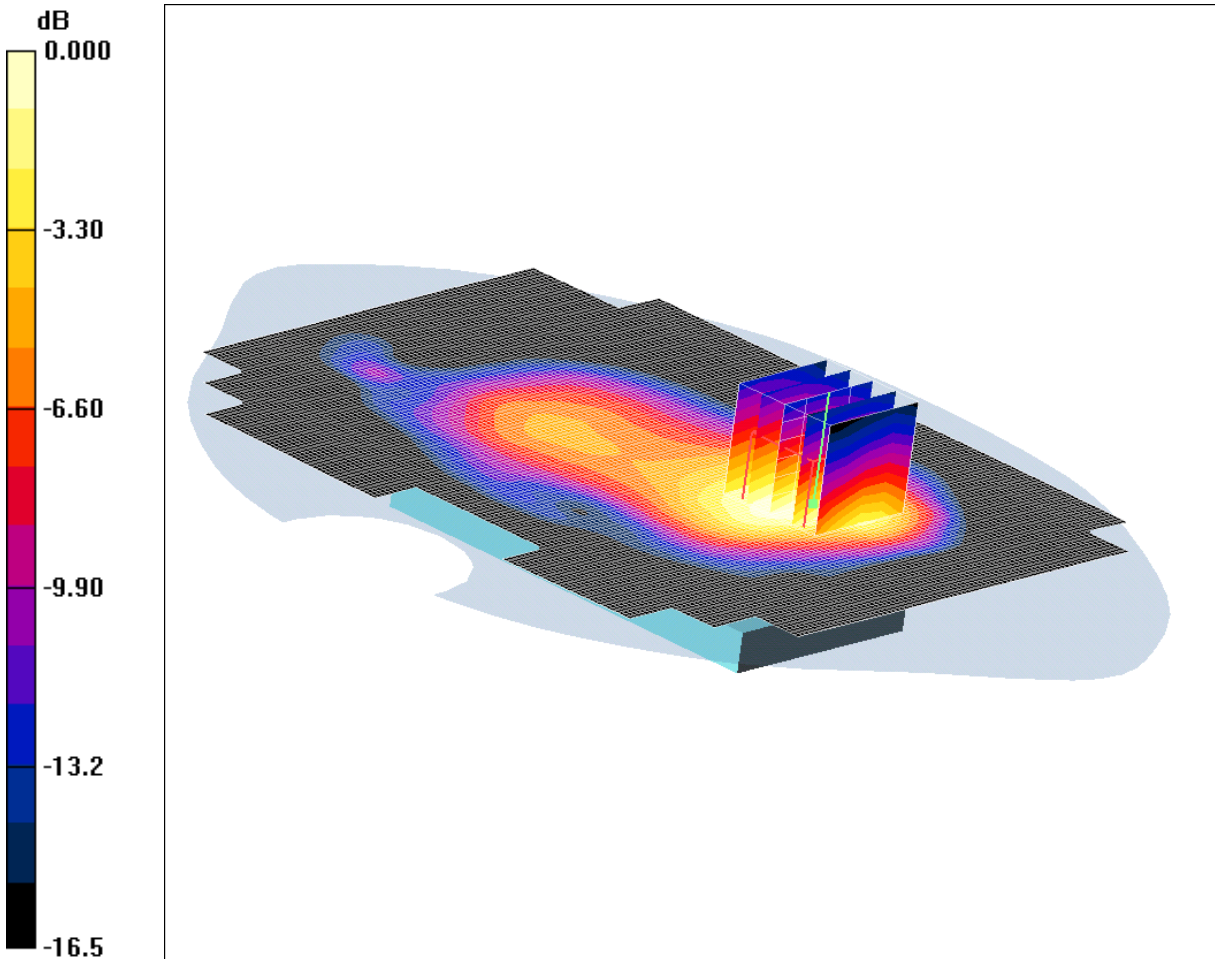
SAR(1 g) = 0.727 mW/g; SAR(10 g) = 0.423 mW/g

Maximum value of SAR (measured) = 0.775 mW/g

SCN/85929 JD02/036: Rear of EUT Facing Phantom with PHF GPRS CH512

Date: 17/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 0.928mW/g

Communication System: GPRS 1900 3Tx; Frequency: 1850.2 MHz; Duty Cycle: 1:2.67

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1850.2 \text{ MHz}$; $\sigma = 1.53 \text{ mho/m}$; $\epsilon_r = 51.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.31, 7.31, 7.31); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 with PHF- Low/Area Scan (111x141x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.997 mW/g

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

Reference Value = 13.5 V/m; Power Drift = -0.119 dB

Peak SAR (extrapolated) = 1.45 W/kg

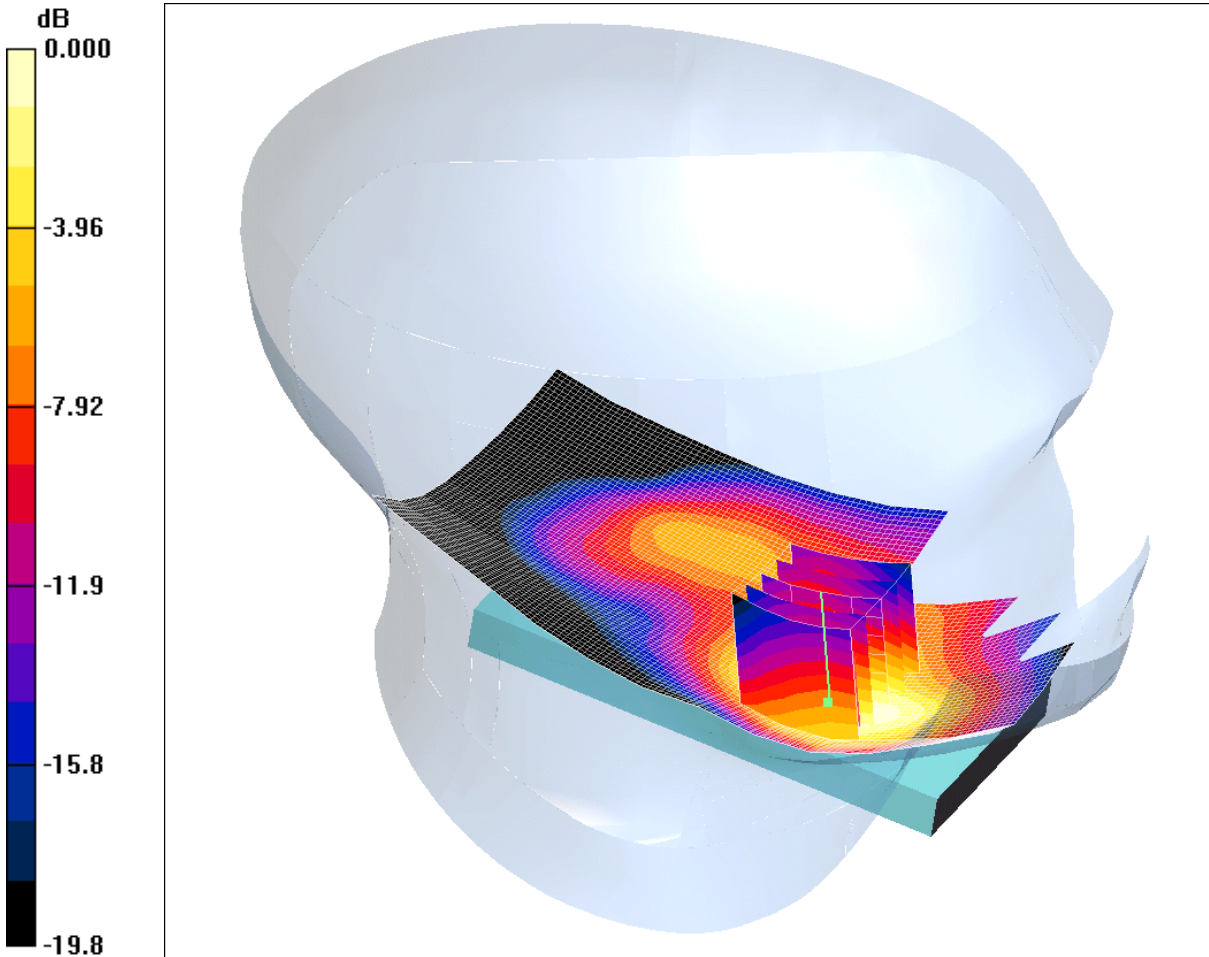
SAR(1 g) = 0.870 mW/g; SAR(10 g) = 0.517 mW/g

Maximum value of SAR (measured) = 0.928 mW/g

SCN/85929 JD02/037: Touch Left UMTS FDD II CH9400

Date 21/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 1.48mW/g

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

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.78, 7.78, 7.78); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.55 mW/g

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

Reference Value = 10.6 V/m; Power Drift = 0.124 dB

Peak SAR (extrapolated) = 1.91 W/kg

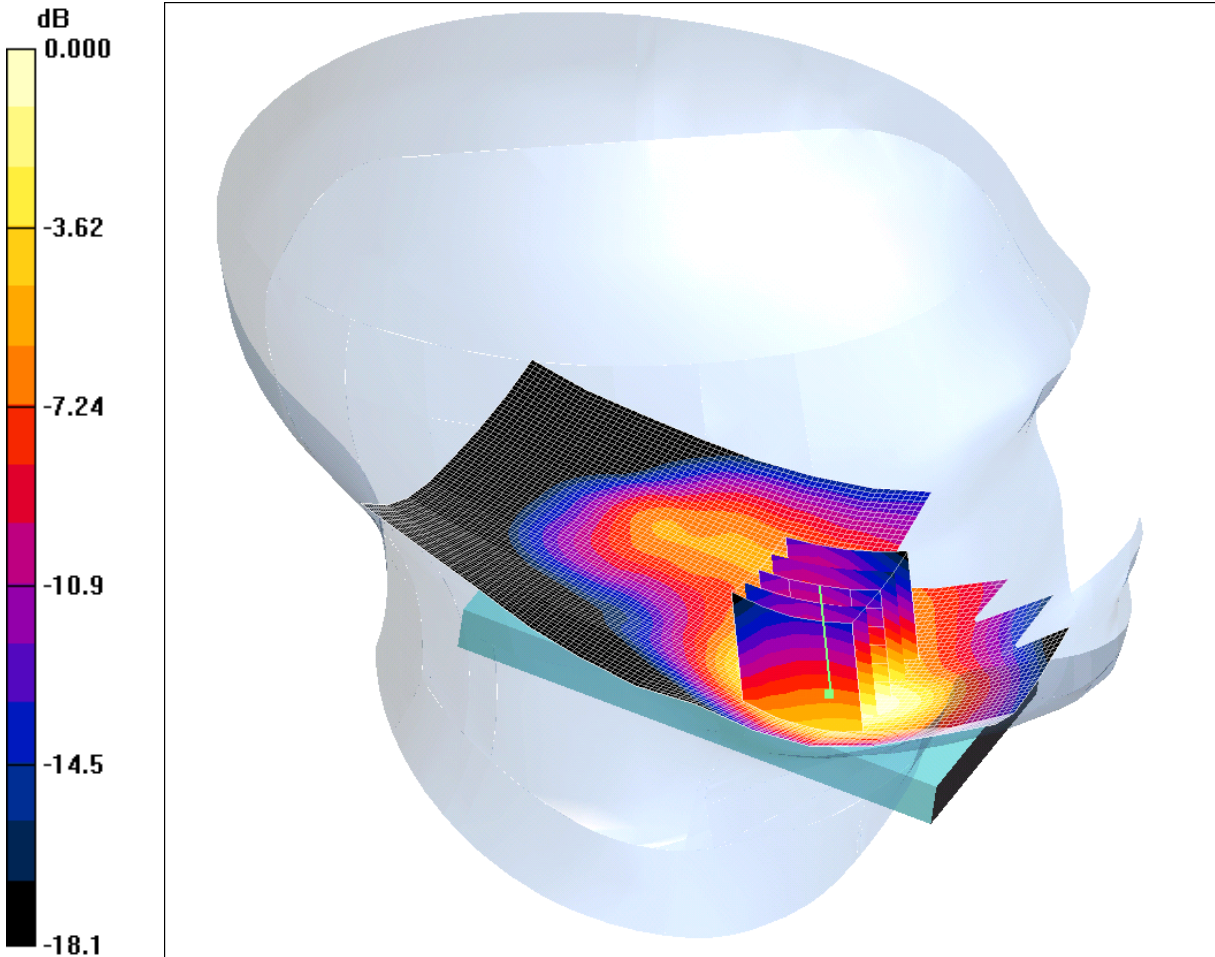
SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.690 mW/g

Maximum value of SAR (measured) = 1.48 mW/g

SCN/85929 JD02/038: Touch Left UMTS FDD II CH9262

Date 21/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 1.30mW/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; $\sigma = 1.37$ mho/m; $\epsilon_r = 39.1$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.78, 7.78, 7.78); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.38 mW/g

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

Reference Value = 9.04 V/m; Power Drift = 0.058 dB

Peak SAR (extrapolated) = 1.68 W/kg

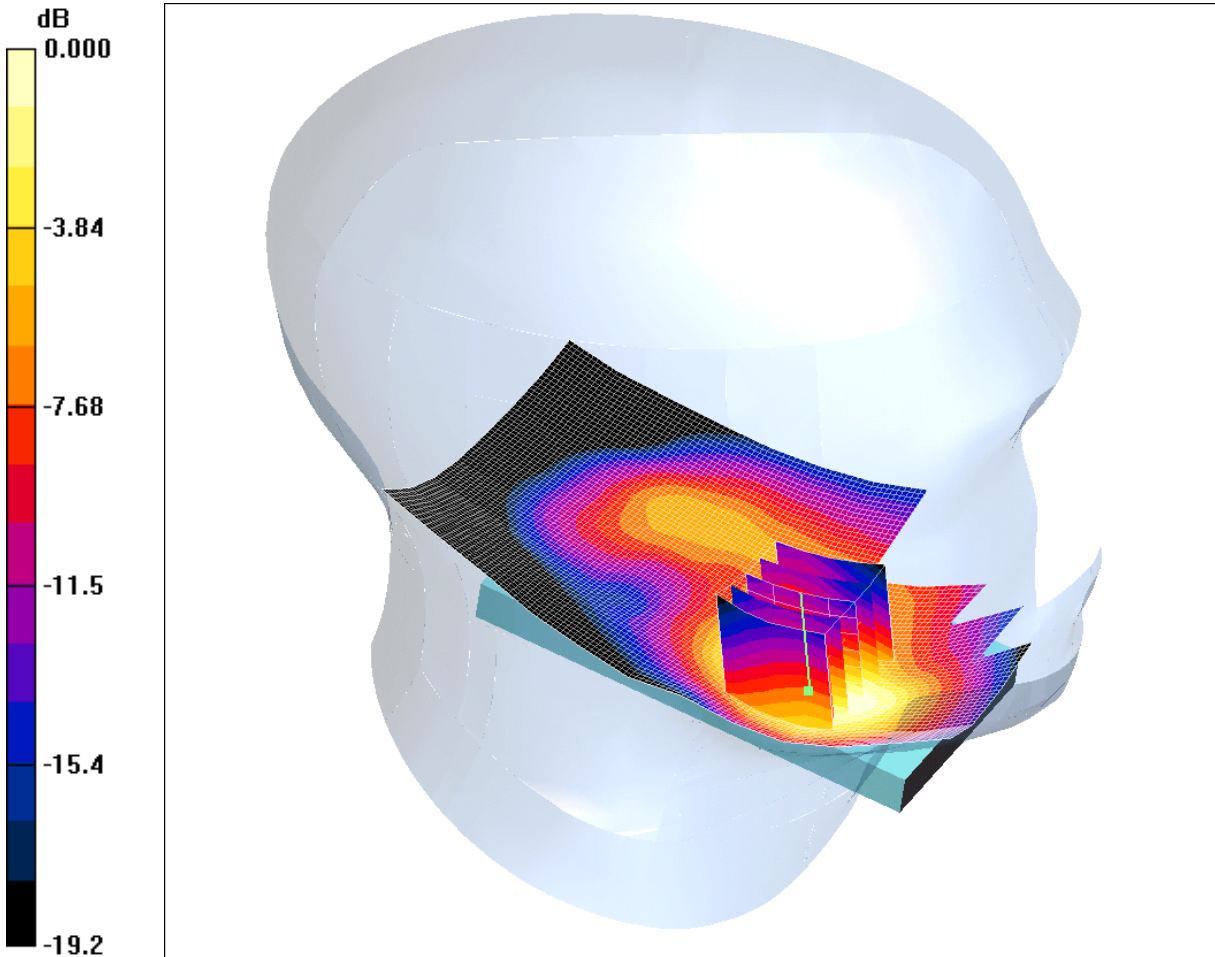
SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.613 mW/g

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

SCN/85929 JD02/039: Touch Left UMTS FDD II CH9538

Date 22/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 1.17mW/g

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

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1907.6 \text{ MHz}$; $\sigma = 1.41 \text{ mho/m}$; $\epsilon_r = 39.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.78, 7.78, 7.78); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 (71x111x1): 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) 2 2 (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.3 V/m; Power Drift = 0.003 dB

Peak SAR (extrapolated) = 1.52 W/kg

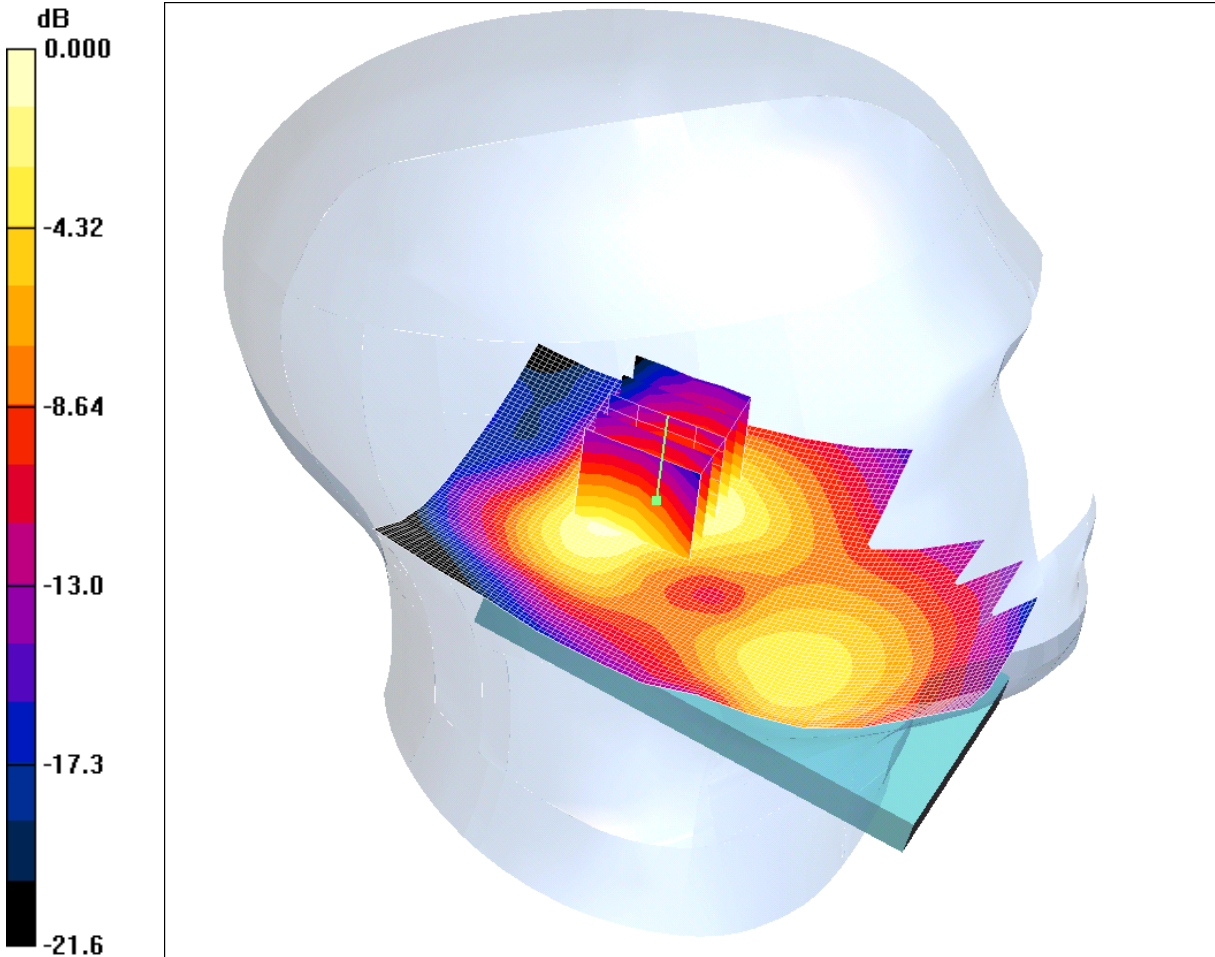
SAR(1 g) = 0.917 mW/g; SAR(10 g) = 0.525 mW/g

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

SCN/85929 JD02/040: Tilt Left UMTS FDD II CH9400

Date 22/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 0.391mW/g

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

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.78, 7.78, 7.78); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.456 mW/g

Tilt Left - Middle/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.7 V/m; Power Drift = 0.051 dB

Peak SAR (extrapolated) = 0.522 W/kg

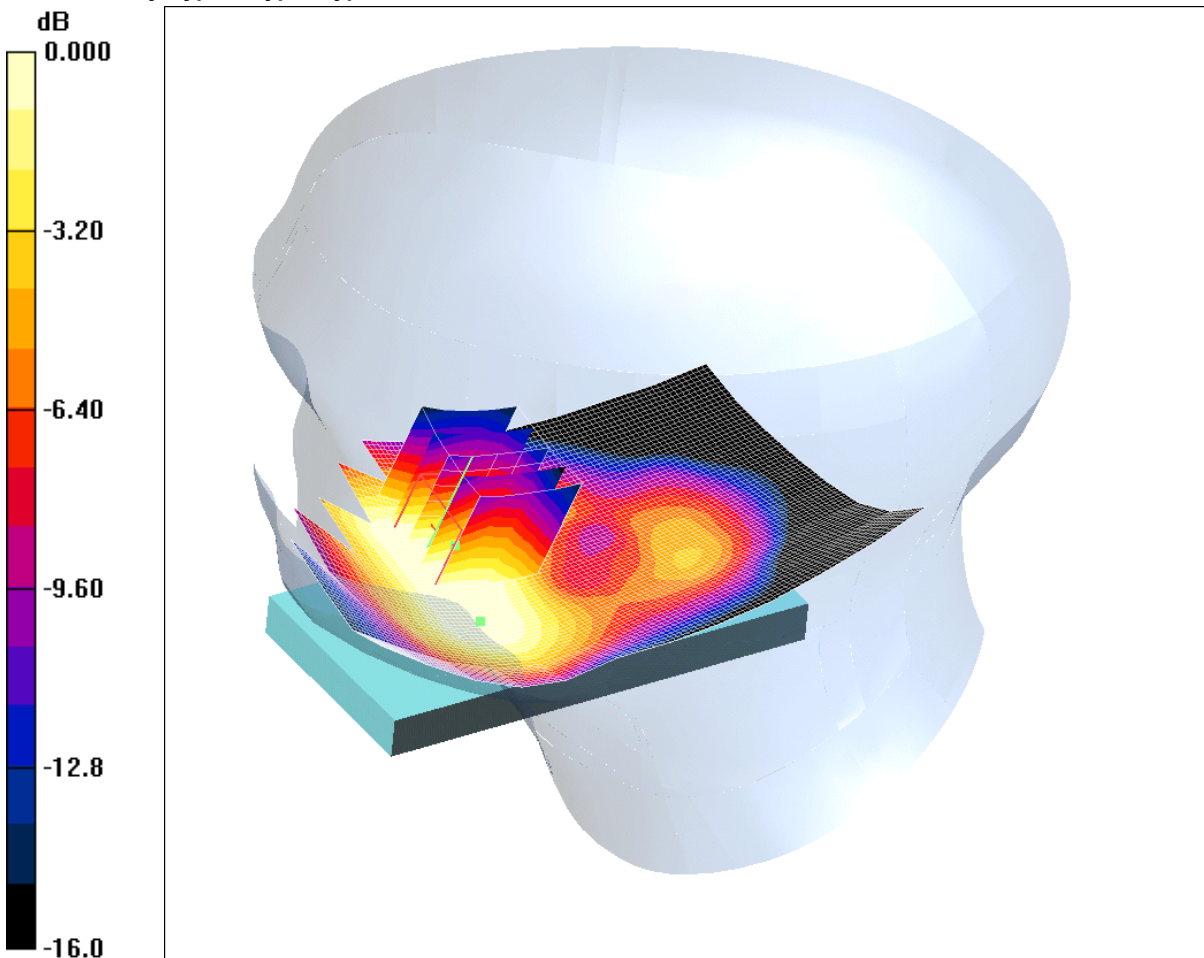
SAR(1 g) = 0.317 mW/g; SAR(10 g) = 0.183 mW/g

Maximum value of SAR (measured) = 0.391 mW/g

SCN/85929 JD02/041: Touch Right UMTS FDD II CH9400

Date: 22/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 0.717mW/g

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

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.78, 7.78, 7.78); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

Touch Right - Middle/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.2 V/m; Power Drift = 0.038 dB

Peak SAR (extrapolated) = 0.877 W/kg

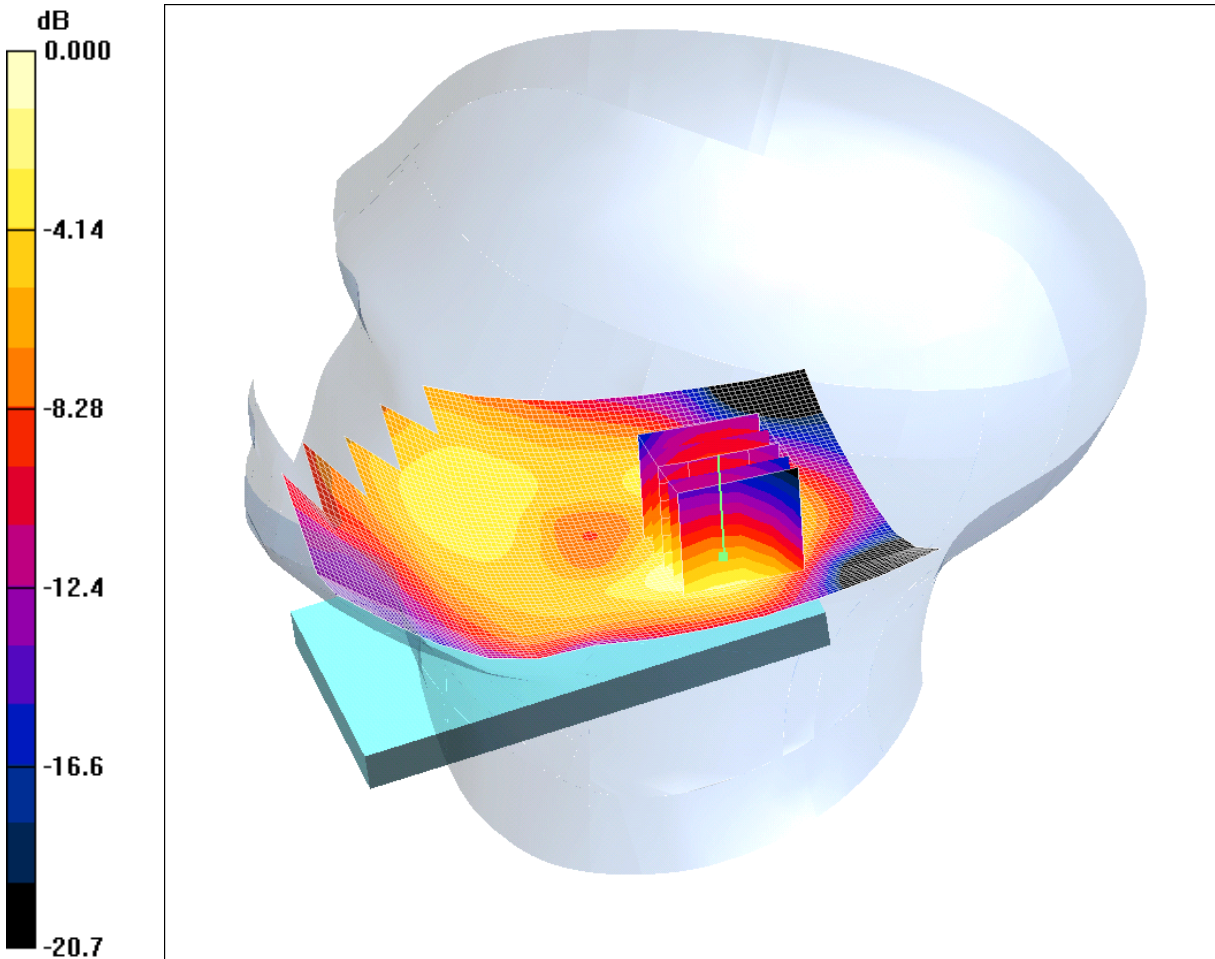
SAR(1 g) = 0.602 mW/g; SAR(10 g) = 0.399 mW/g

Maximum value of SAR (measured) = 0.717 mW/g

SCN/85929 JD02/042: Tilt Right UMTS FDD II CH9400

Date: 22/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 0.373mW/g

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

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.78, 7.78, 7.78); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

Tilt Right - Middle/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.6 V/m; Power Drift = 0.022 dB

Peak SAR (extrapolated) = 0.482 W/kg

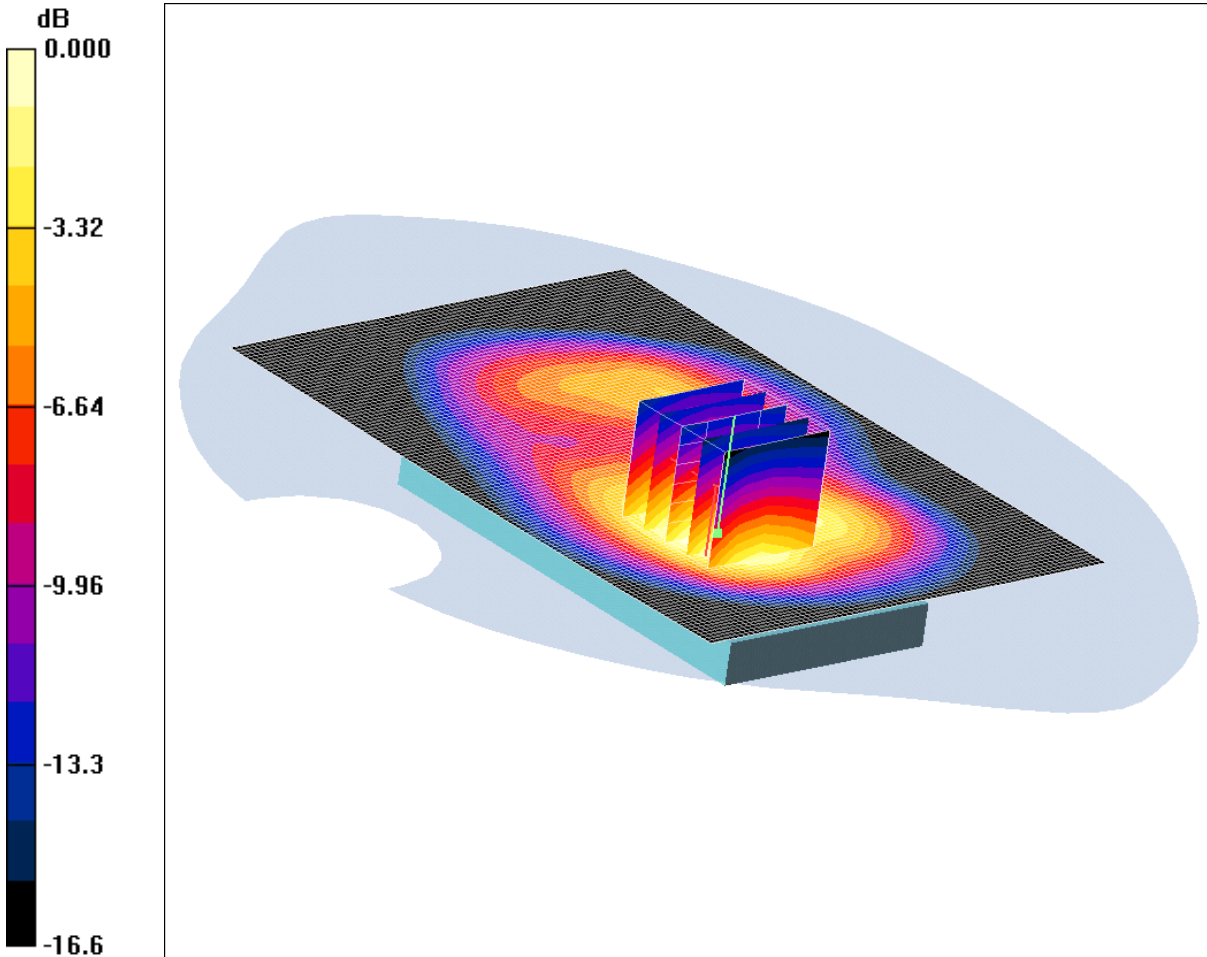
SAR(1 g) = 0.306 mW/g; SAR(10 g) = 0.188 mW/g

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

SCN/85929 JD02/043: Front of EUT Facing Phantom UMTS FDD II CH9400

Date 22/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 1.19mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880 \text{ MHz}$; $\sigma = 1.54 \text{ mho/m}$; $\epsilon_r = 51.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.31, 7.31, 7.31); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.25 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 = 12.3 V/m; Power Drift = 0.008 dB

Peak SAR (extrapolated) = 1.90 W/kg

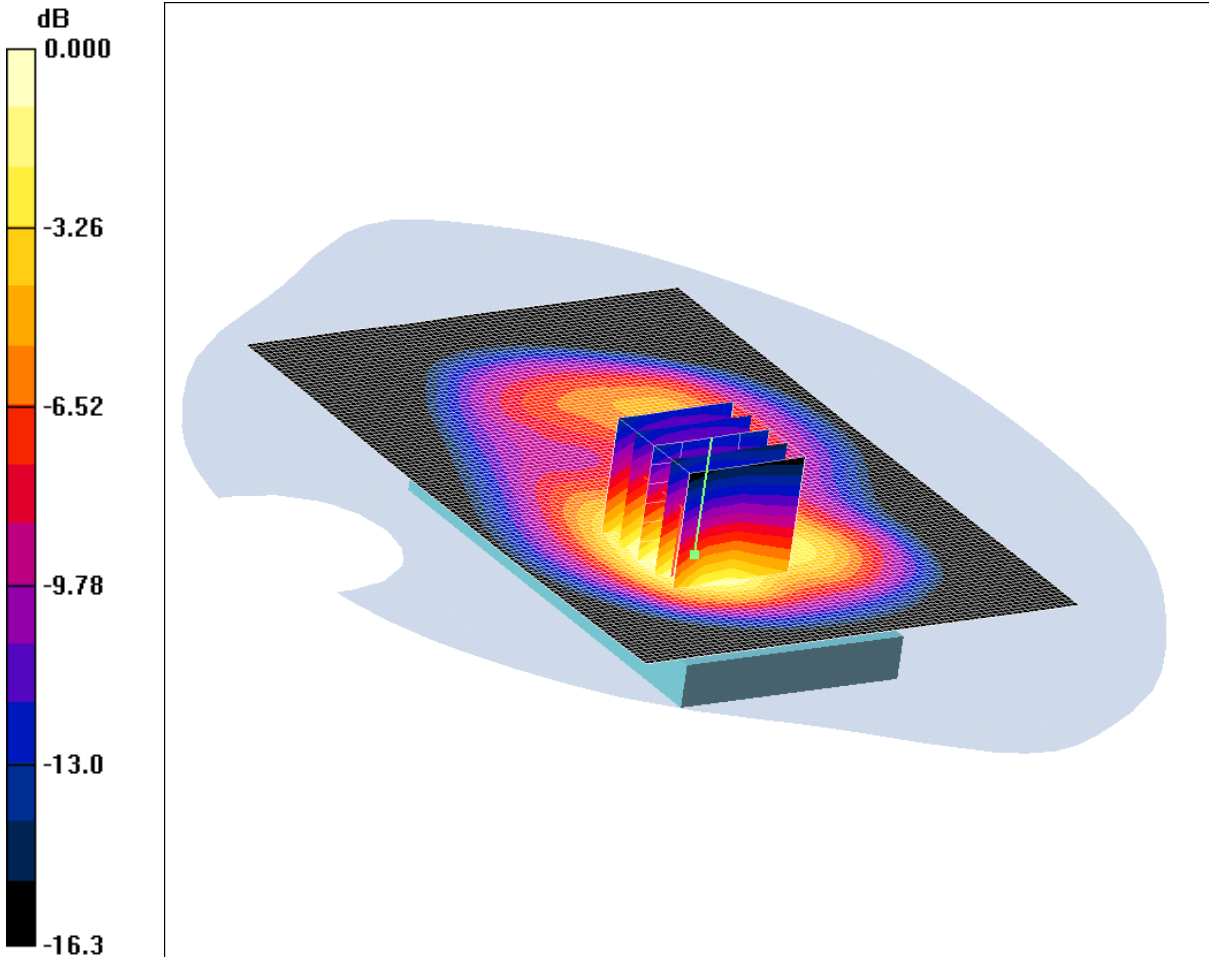
SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.653 mW/g

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

SCN/85929 JD02/044: Front of EUT Facing Phantom UMTS FDD II CH9262

Date 22/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 1.04mW/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; $\sigma = 1.53$ mho/m; $\epsilon_r = 51.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.31, 7.31, 7.31); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 - Low/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 11.6 V/m; Power Drift = -0.048 dB

Peak SAR (extrapolated) = 1.64 W/kg

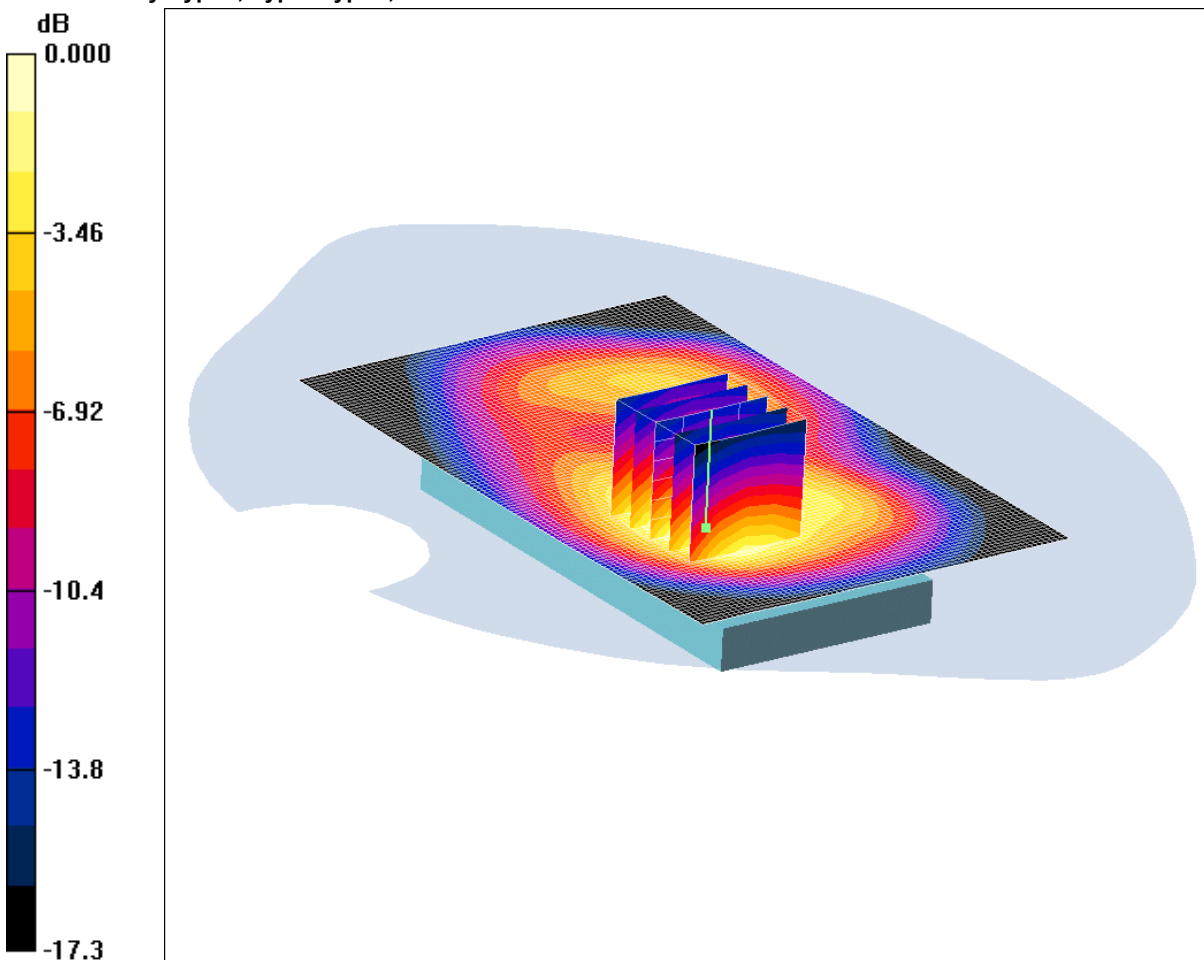
SAR(1 g) = 0.976 mW/g; SAR(10 g) = 0.574 mW/g

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

SCN/85929 JD02/045: Front of EUT Facing Phantom UMTS FDD II CH9538

Date: 23/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 0.940mW/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; $\sigma = 1.57$ mho/m; $\epsilon_r = 51.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.31, 7.31, 7.31); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 - High/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 11.6 V/m; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 1.49 W/kg

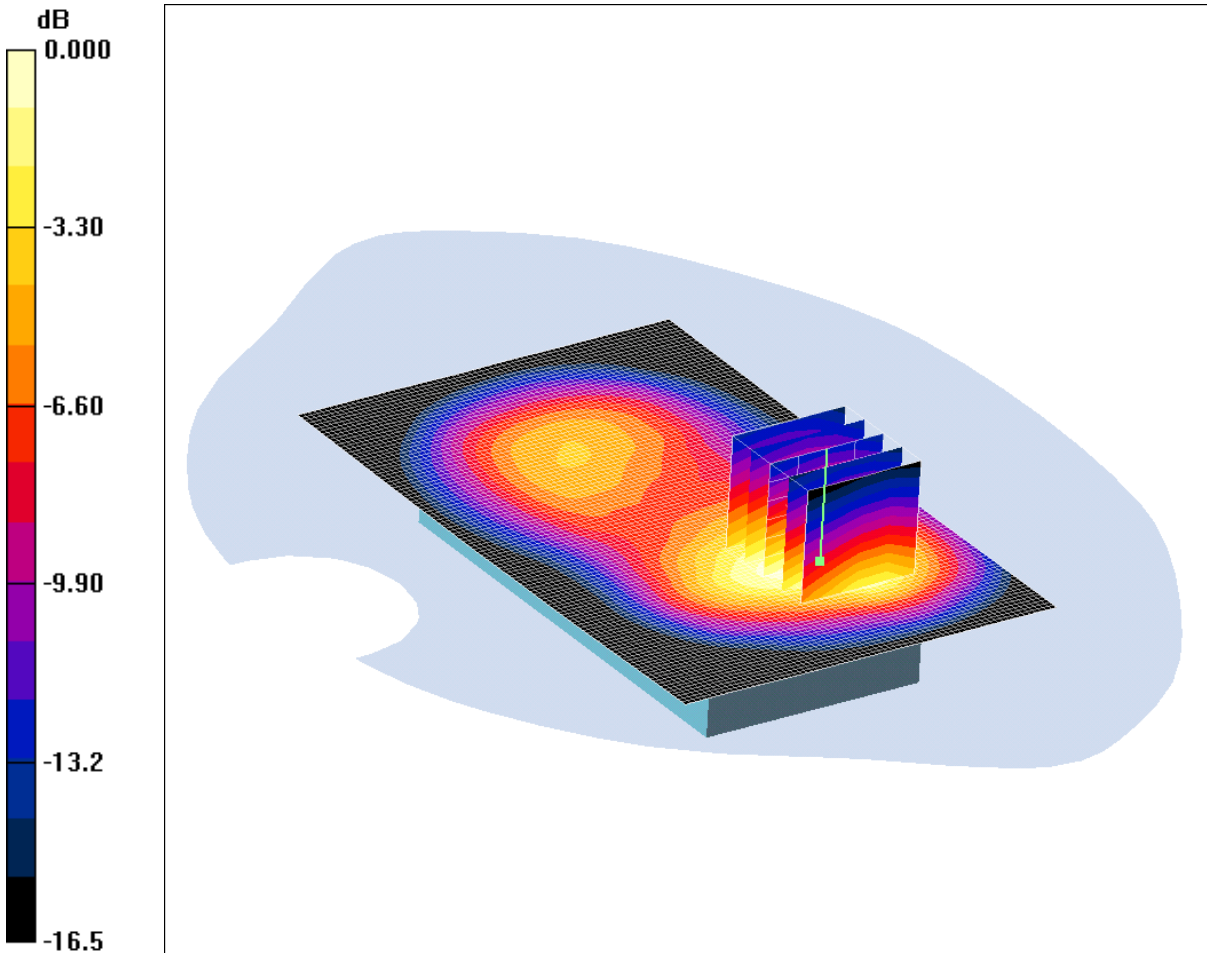
SAR(1 g) = 0.864 mW/g; SAR(10 g) = 0.505 mW/g

Maximum value of SAR (measured) = 0.940 mW/g

SCN/85929 JD02/046: Rear of EUT Facing Phantom UMTS FDD II CH9400

Date: 23/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 1.43mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 51.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.31, 7.31, 7.31); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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) = 1.57 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 = 13.5 V/m; Power Drift = 0.021 dB

Peak SAR (extrapolated) = 2.23 W/kg

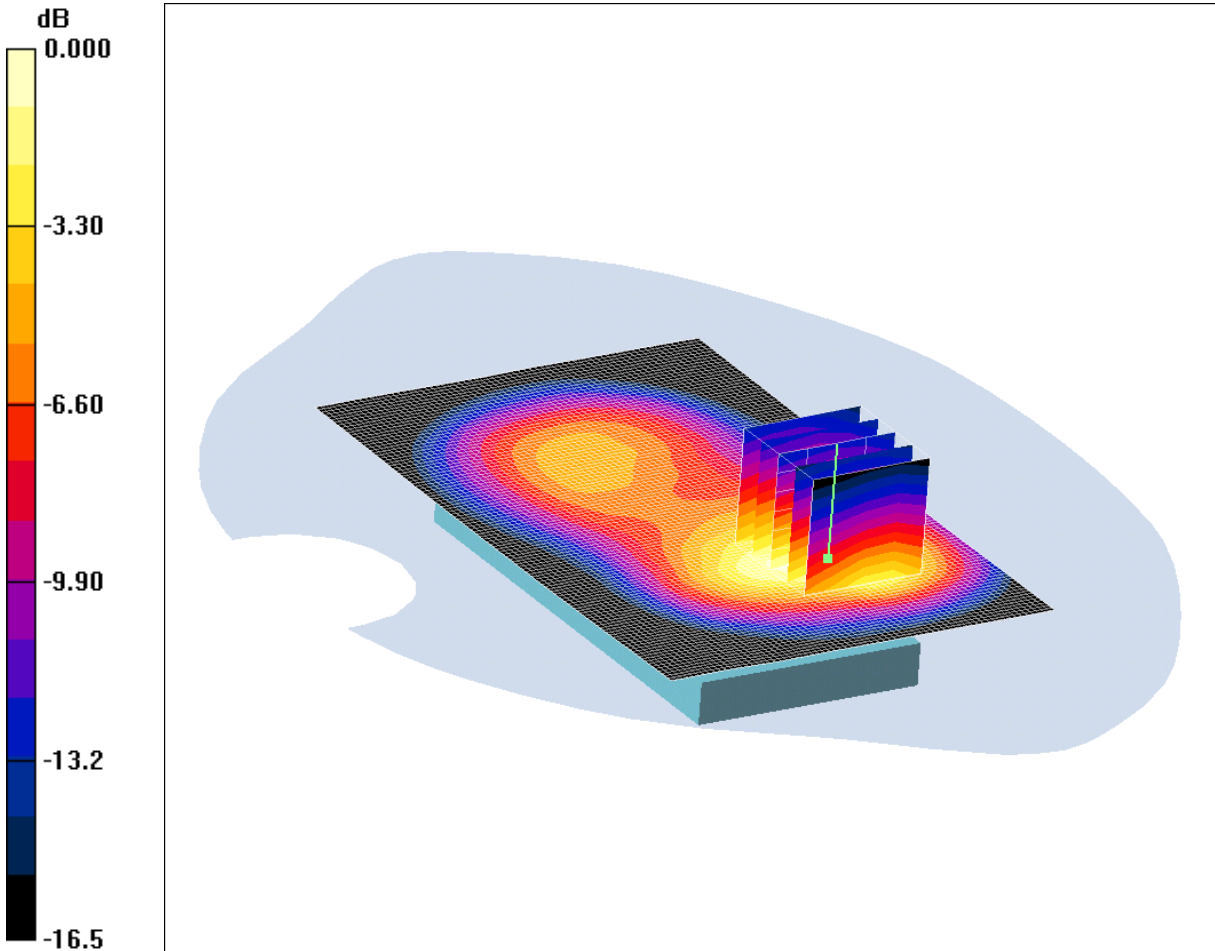
SAR(1 g) = 1.34 mW/g; SAR(10 g) = 0.781 mW/g

Maximum value of SAR (measured) = 1.43 mW/g

SCN/85929 JD02/047: Rear of EUT Facing Phantom UMTS FDD II CH9262

Date: 23/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 1.18mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1852.4 \text{ MHz}$; $\sigma = 1.53 \text{ mho/m}$; $\epsilon_r = 51.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.31, 7.31, 7.31); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 2/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.25 mW/g

Rear of EUT Facing Phantom - Low 2/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.1 V/m; Power Drift = 0.022 dB

Peak SAR (extrapolated) = 1.81 W/kg

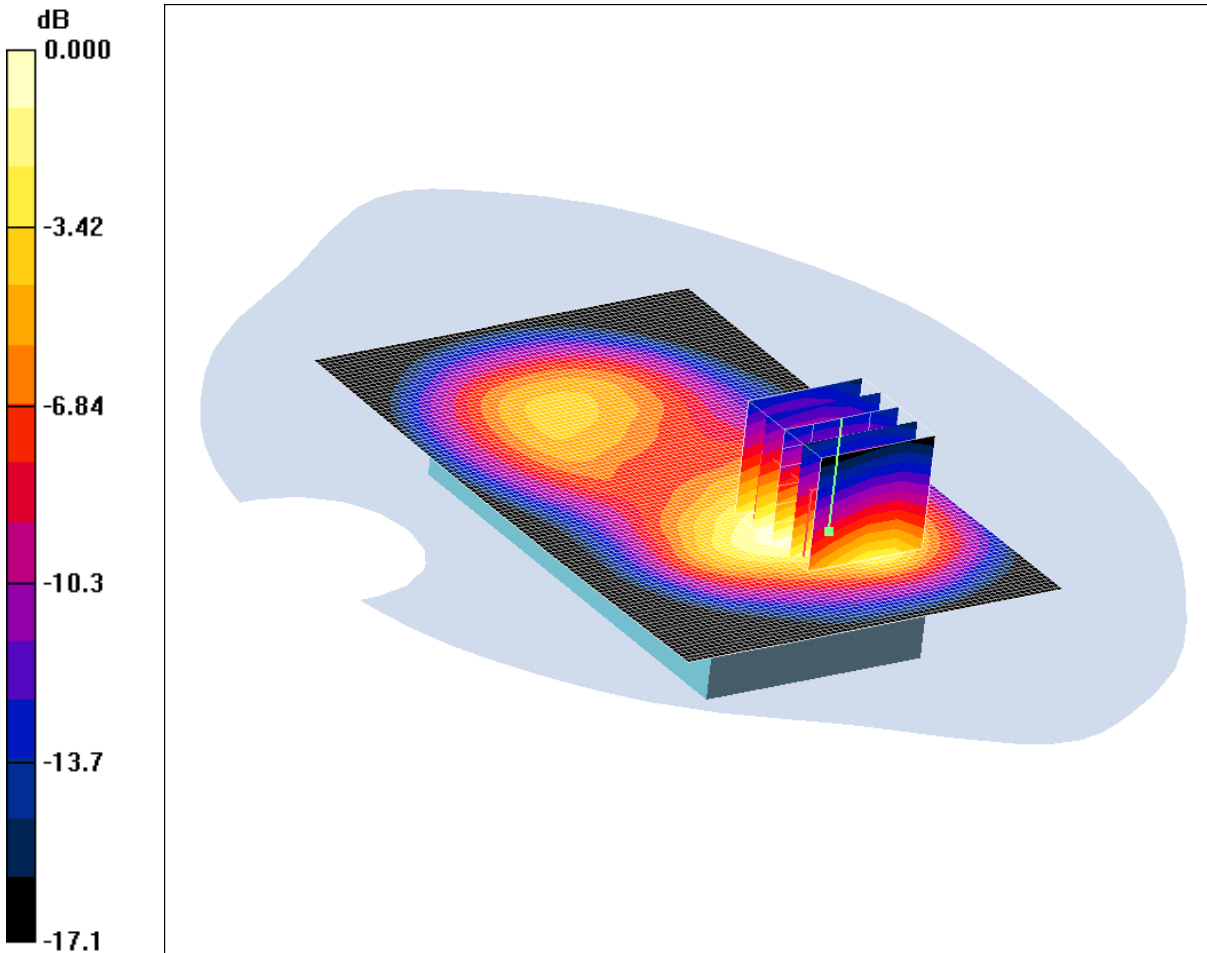
SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.639 mW/g

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

SCN/85929 JD02/048: Rear of EUT Facing Phantom UMTS FDD II CH9538

Date: 23/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 1.23mW/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; $\sigma = 1.57$ mho/m; $\epsilon_r = 51.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.31, 7.31, 7.31); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.34 mW/g

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

Reference Value = 11.8 V/m; Power Drift = 0.017 dB

Peak SAR (extrapolated) = 1.91 W/kg

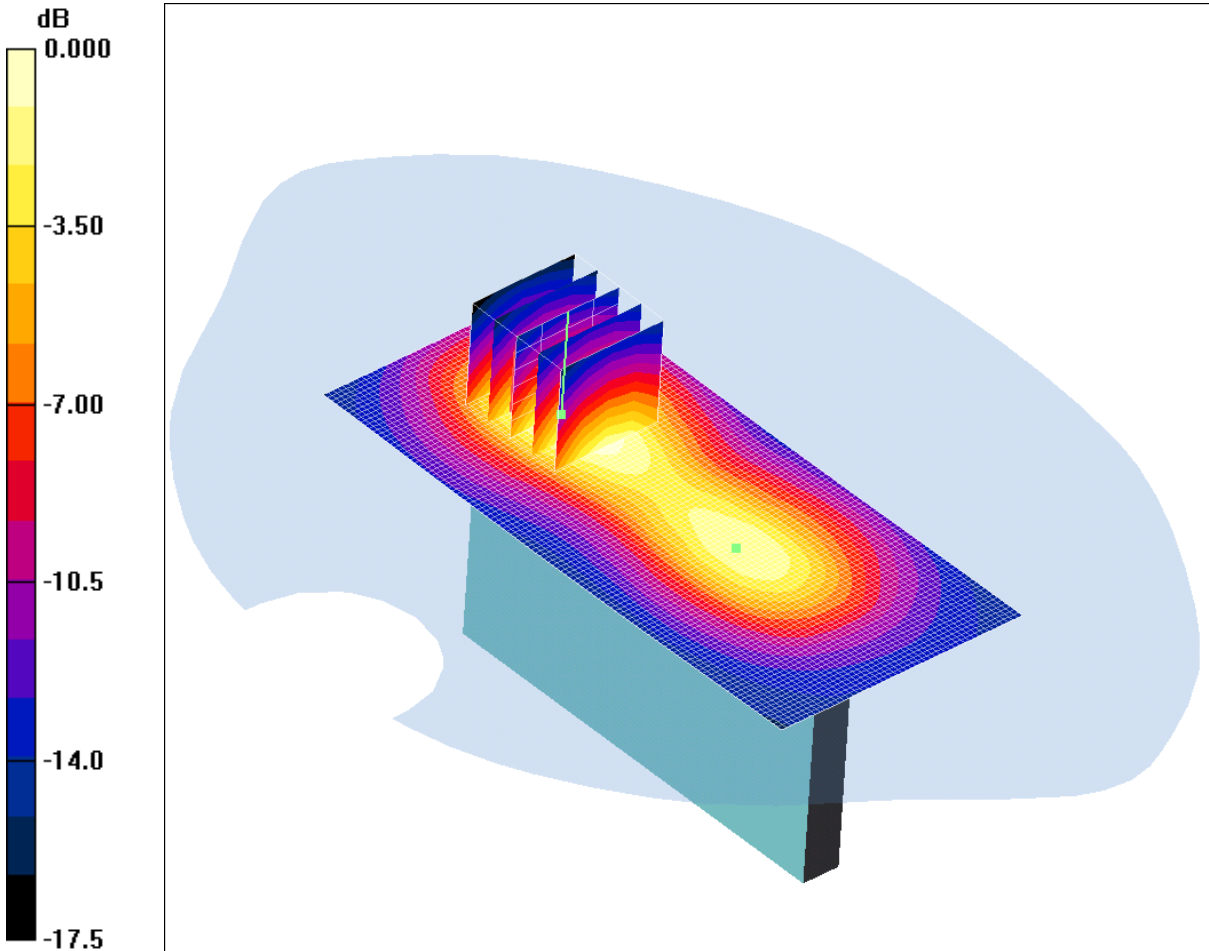
SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.660 mW/g

Maximum value of SAR (measured) = 1.23 mW/g

SCN/85929 JD02/049: Left Hand Side of EUT Facing Phantom UMTS FDD II CH9400

Date: 23/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 0.718mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 51.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.31, 7.31, 7.31); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 - Middle/Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.812 mW/g

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

Reference Value = 16.1 V/m; Power Drift = 0.033 dB

Peak SAR (extrapolated) = 1.12 W/kg

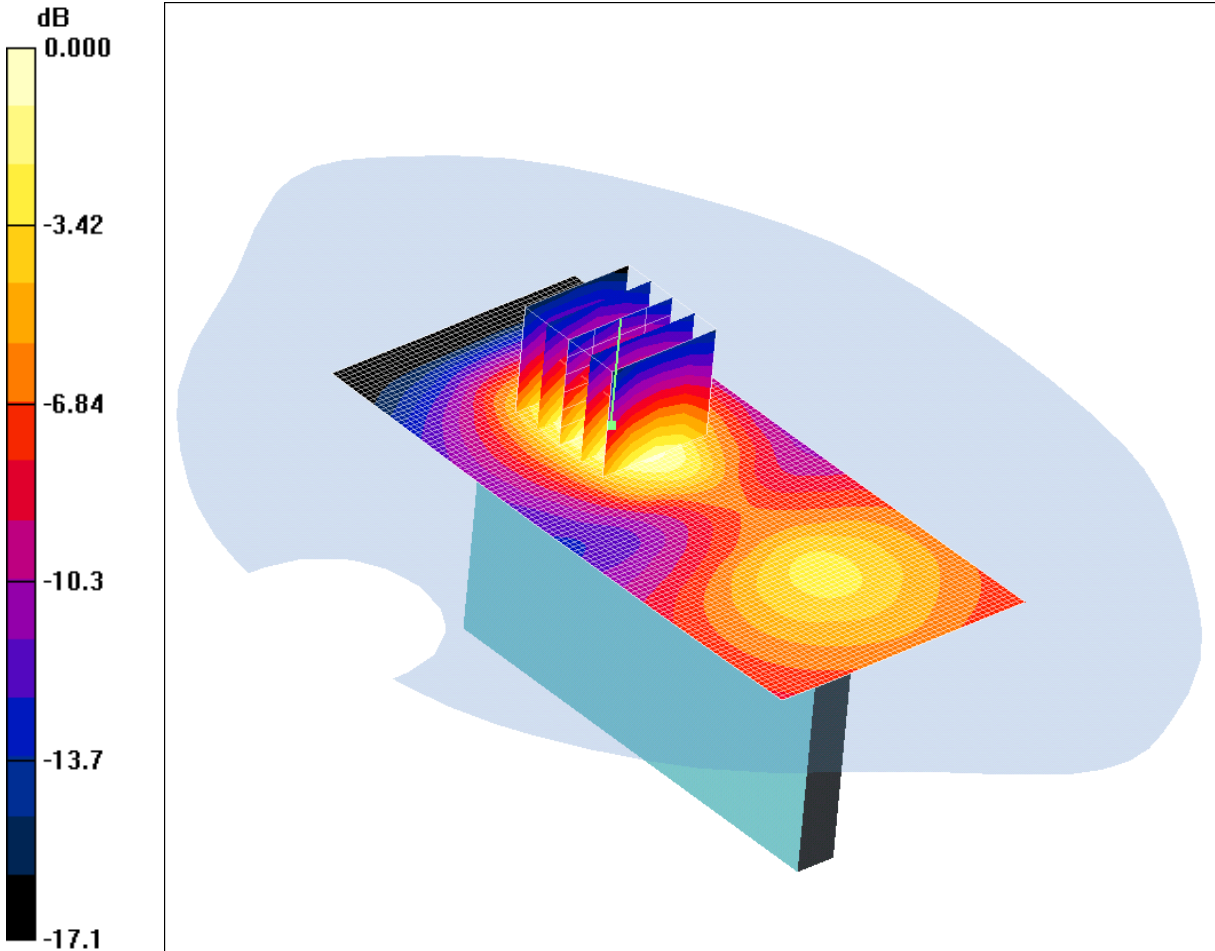
SAR(1 g) = 0.655 mW/g; SAR(10 g) = 0.365 mW/g

Maximum value of SAR (measured) = 0.718 mW/g

SCN/85929 JD02/050: Right Hand Side of EUT Facing Phantom UMTS FDD II CH9400

Date: 23/02/2012

DUT: Sony Nypon; Type: Nypon; Serial: CB511VRTA4



0 dB = 0.303mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 51.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.31, 7.31, 7.31); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 - Middle/Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 10.8 V/m; Power Drift = 0.132 dB

Peak SAR (extrapolated) = 0.469 W/kg

SAR(1 g) = 0.278 mW/g; SAR(10 g) = 0.159 mW/g

Maximum value of SAR (measured) = 0.303 mW/g