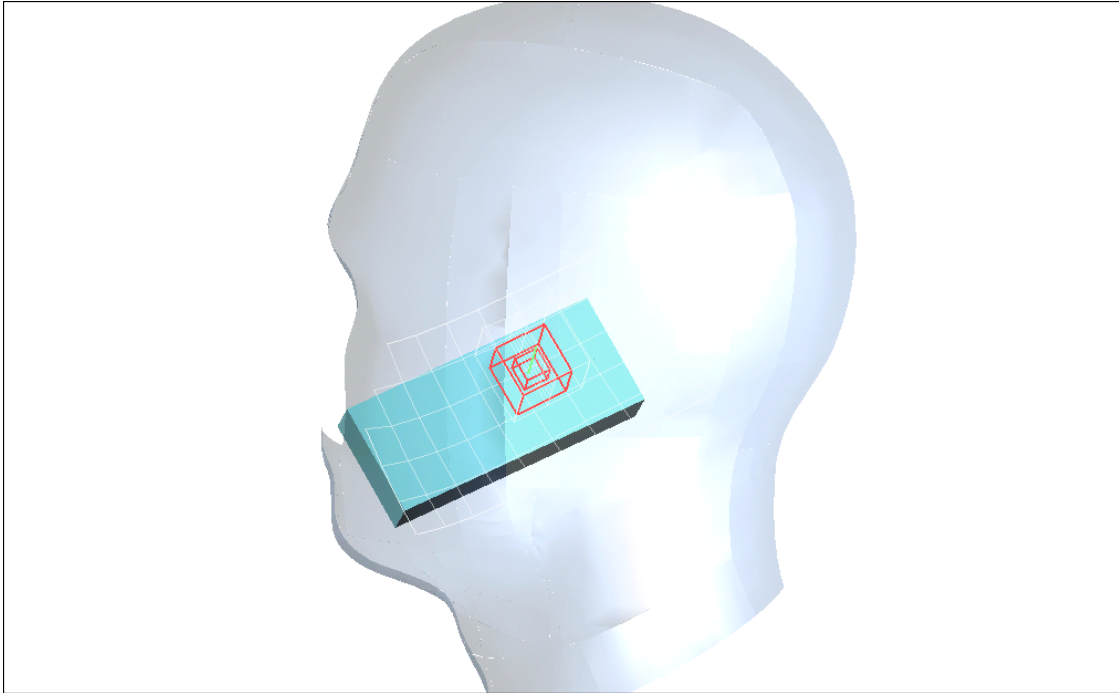


Test Laboratory: Compliance Certification Services Inc.

Right Head



Test Laboratory: Compliance Certification Services Inc.

GSM 850-Right

DUT: ST20B; Type: SMT5600 ; Serial: N/A

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8

Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.92 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1763; ConvF(6.46, 6.46, 6.46); Calibrated: 3/23/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 3/15/2004
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

cheek Low CH128/Area Scan (6x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Reference Value = 14.2 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.266 mW/g

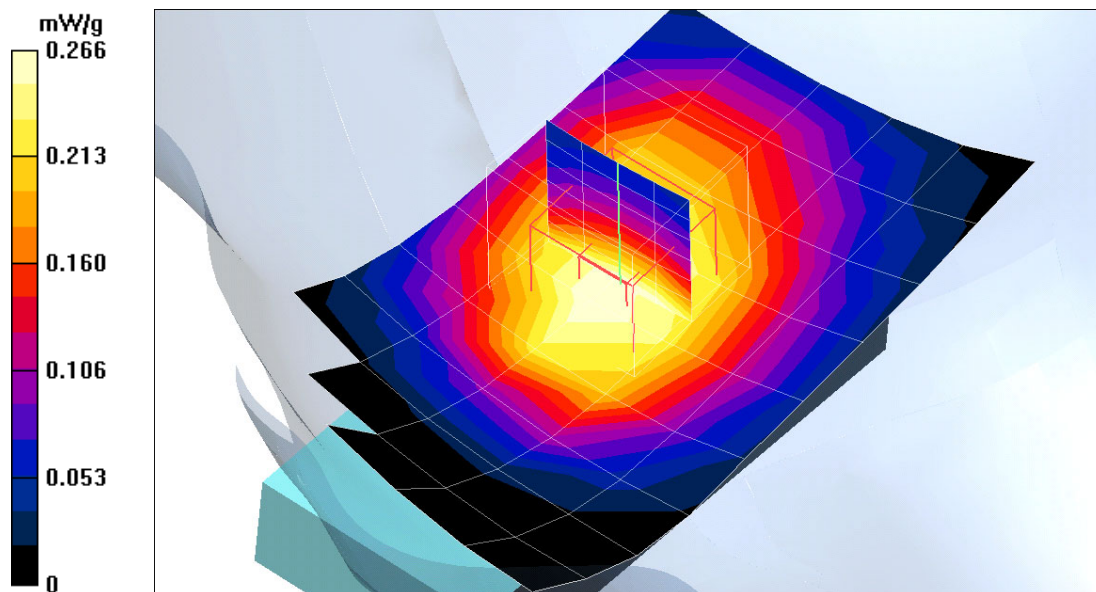
cheek Low CH128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.2 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.280 mW/g

Peak SAR (extrapolated) = 0.359 W/kg

SAR(1 g) = 0.264 mW/g; SAR(10 g) = 0.194 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 850-Right

DUT: ST20B; Type: SMT5600 ; Serial: N/A

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.92 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1763; ConvF(6.46, 6.46, 6.46); Calibrated: 3/23/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 3/15/2004
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

cheek Middle CH190/Area Scan (6x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Reference Value = 15.8 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.340 mW/g

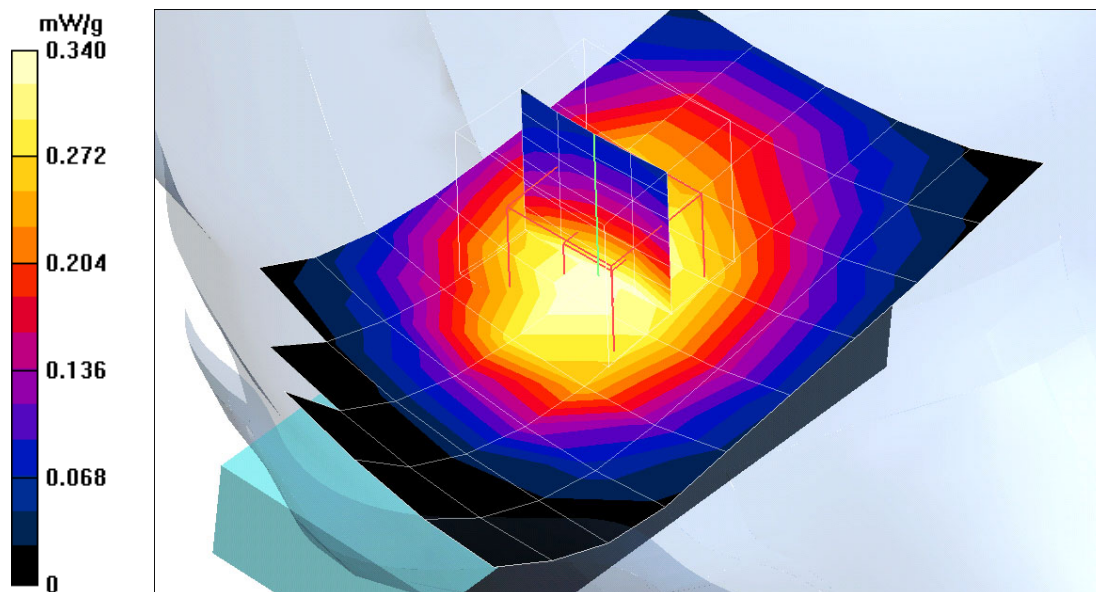
cheek Middle CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.8 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.351 mW/g

Peak SAR (extrapolated) = 0.453 W/kg

SAR(1 g) = 0.333 mW/g; SAR(10 g) = 0.244 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 850-Right

DUT: ST20B; Type: SMT5600 ; Serial: N/A

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.92 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$; Air Temperature: 24.5 deg C ; Liquid Temperature: 23.5 deg C

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1763; ConvF(6.46, 6.46, 6.46); Calibrated: 3/23/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 3/15/2004
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

cheek High CH251/Area Scan (6x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Reference Value = 19.1 V/m ; Power Drift = -0.1 dB

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

cheek High CH251/Z Scan (1x1x21): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$, $dz=5\text{mm}$

Reference Value = 19.1 V/m ; Power Drift = -0.1 dB

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

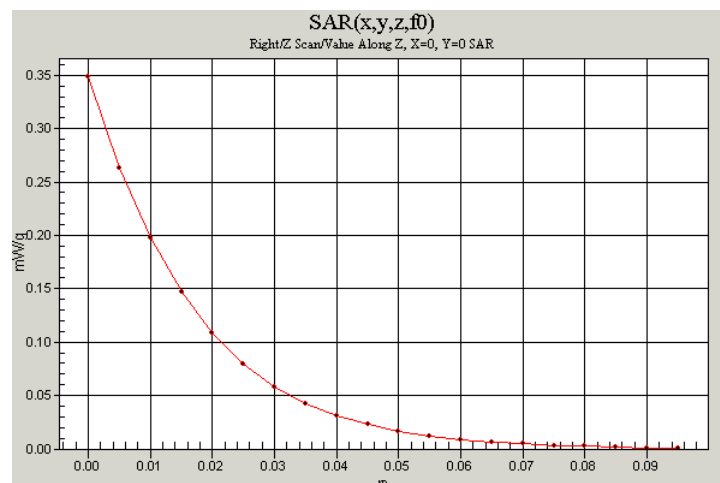
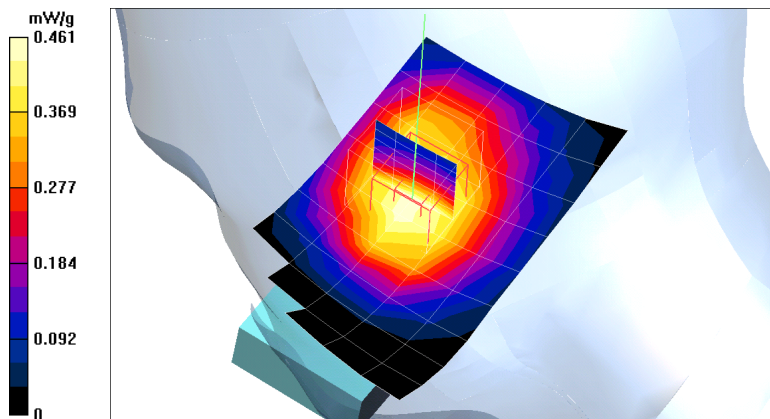
cheek High CH251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 19.1 V/m ; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.471 mW/g

Peak SAR (extrapolated) = 0.625 W/kg

SAR(1 g) = 0.445 mW/g ; SAR(10 g) = 0.325 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 1900-Right

DUT: ST20B; Type: SMT5600 ; Serial: N/A

Communication System: DCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r = 38.7$; $\rho = 1000 \text{ kg/m}^3$

Air Temperature: 25.3 deg C; Liquid Temperature: 24.3 deg C

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1763; ConvF(5.34, 5.34, 5.34); Calibrated: 3/23/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 3/15/2004
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Cheek Low CH512/Area Scan (6x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Reference Value = 11.4 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.253 mW/g

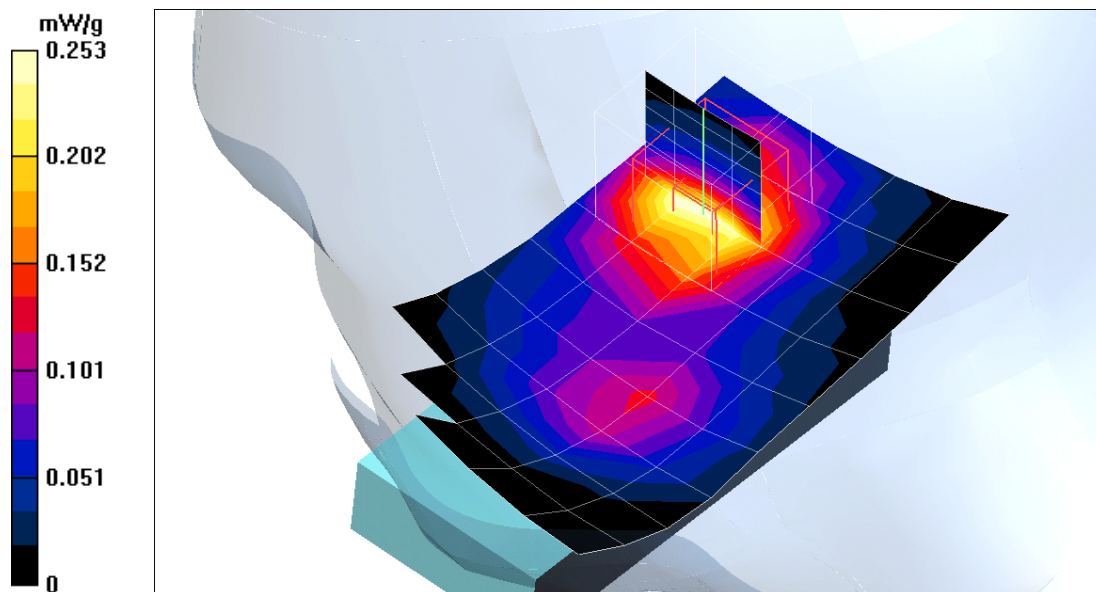
Cheek Low CH512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.4 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.281 mW/g

Peak SAR (extrapolated) = 0.432 W/kg

SAR(1 g) = **0.255 mW/g**; SAR(10 g) = 0.144 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 1900-Right

DUT: ST20B; Type: SMT5600 ; Serial: N/A

Communication System: DCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r = 38.7$; $\rho = 1000 \text{ kg/m}^3$

Air Temperature: 25.3 deg C; Liquid Temperature: 24.3 deg C

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1763; ConvF(5.34, 5.34, 5.34); Calibrated: 3/23/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 3/15/2004
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Cheek Middle CH661/Area Scan (6x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Reference Value = 13.2 V/m; Power Drift = 0.0 dB

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

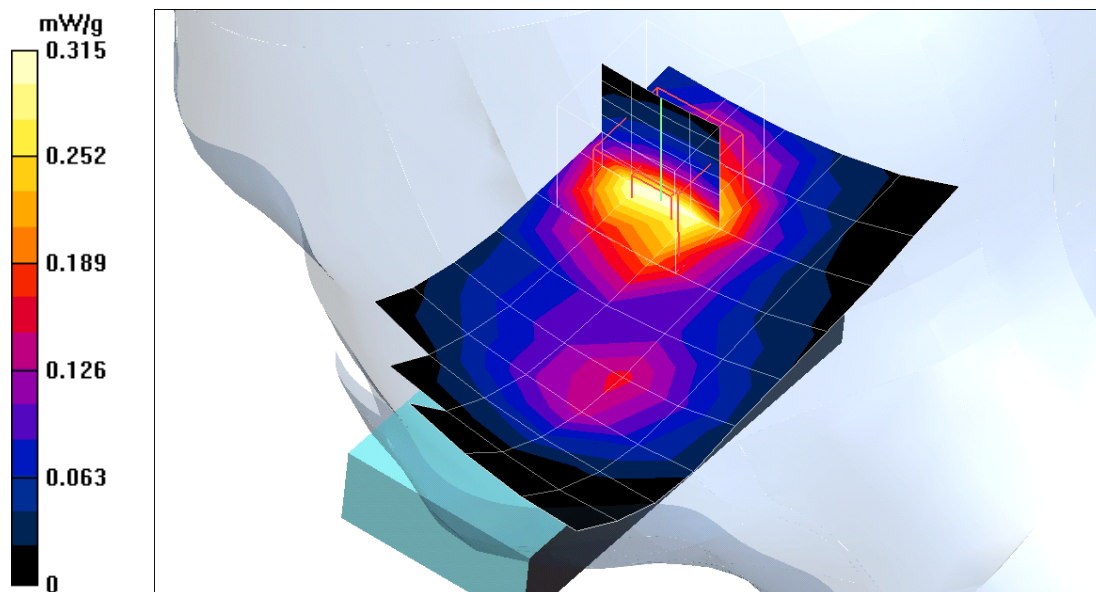
Cheek Middle CH661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.2 V/m; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 0.363 mW/g

Peak SAR (extrapolated) = 0.574 W/kg

SAR(1 g) = 0.328 mW/g; SAR(10 g) = 0.181 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 1900-Right

DUT: ST20B; Type: SMT5600 ; Serial: N/A

Communication System: DCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8

Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r = 38.7$; $\rho = 1000 \text{ kg/m}^3$

Air Temperature: 25.3 deg C; Liquid Temperature: 24.3 deg C

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1763; ConvF(5.34, 5.34, 5.34); Calibrated: 3/23/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 3/15/2004
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Cheek High CH810/Area Scan (6x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Reference Value = 16 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.438 mW/g

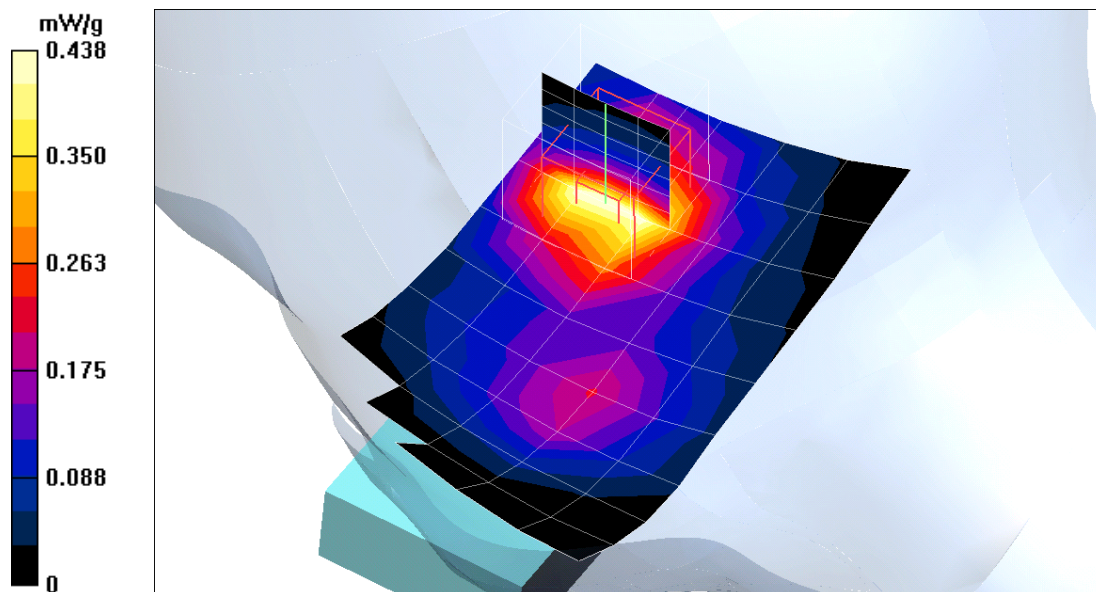
Cheek High CH810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 16 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.503 mW/g

Peak SAR (extrapolated) = 0.812 W/kg

SAR(1 g) = **0.459 mW/g**; SAR(10 g) = **0.253 mW/g**



Test Laboratory: Compliance Certification Services Inc.

GSM 850-Right

DUT: ST20B; Type: SMT5600 ; Serial: N/A

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.97 \text{ mho/m}$; $\epsilon_r = 56.2$; $\rho = 1000 \text{ kg/m}^3$; Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1763; ConvF(6.46, 6.46, 6.46); Calibrated: 3/23/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 3/15/2004
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

cheek High CH251 with BT(co-location)/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 21.3 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.622 mW/g

cheek High CH251 with BT(co-location)/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 21.3 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.478 mW/g

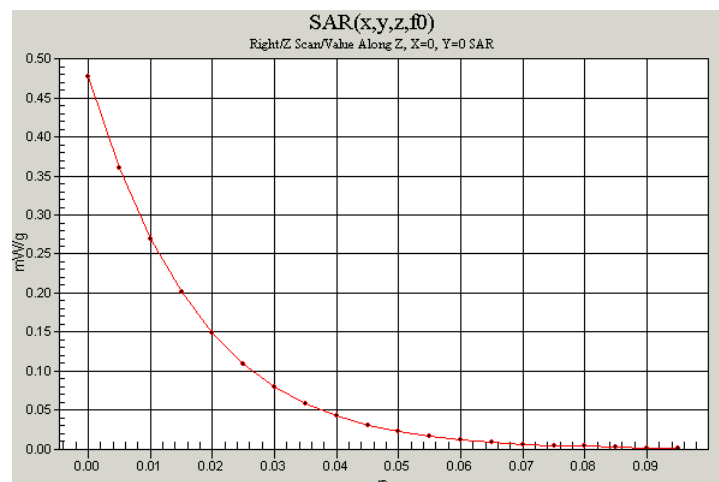
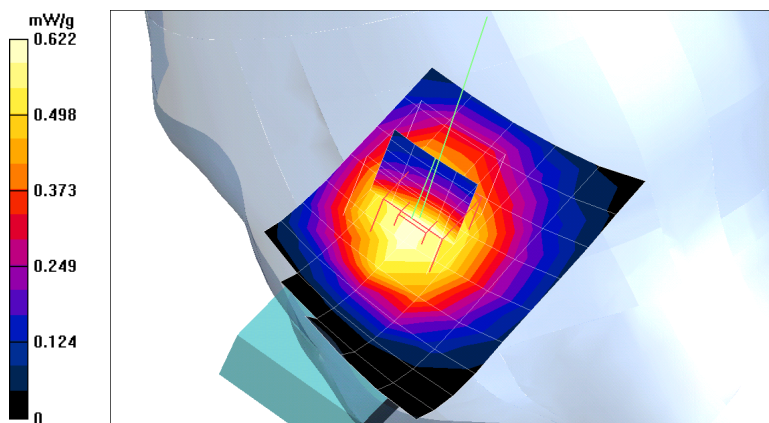
cheek High CH251 with BT(co-location)/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 21.3 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.642 mW/g

Peak SAR (extrapolated) = 0.875 W/kg

SAR(1 g) = 0.611 mW/g; SAR(10 g) = 0.446 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 850-Right

DUT: ST20B; Type: SMT5600 ; Serial: N/A

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8

Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.92 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1763; ConvF(6.46, 6.46, 6.46); Calibrated: 3/23/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 3/15/2004
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

tilted Low CH128/Area Scan (6x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Reference Value = 13.5 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.170 mW/g

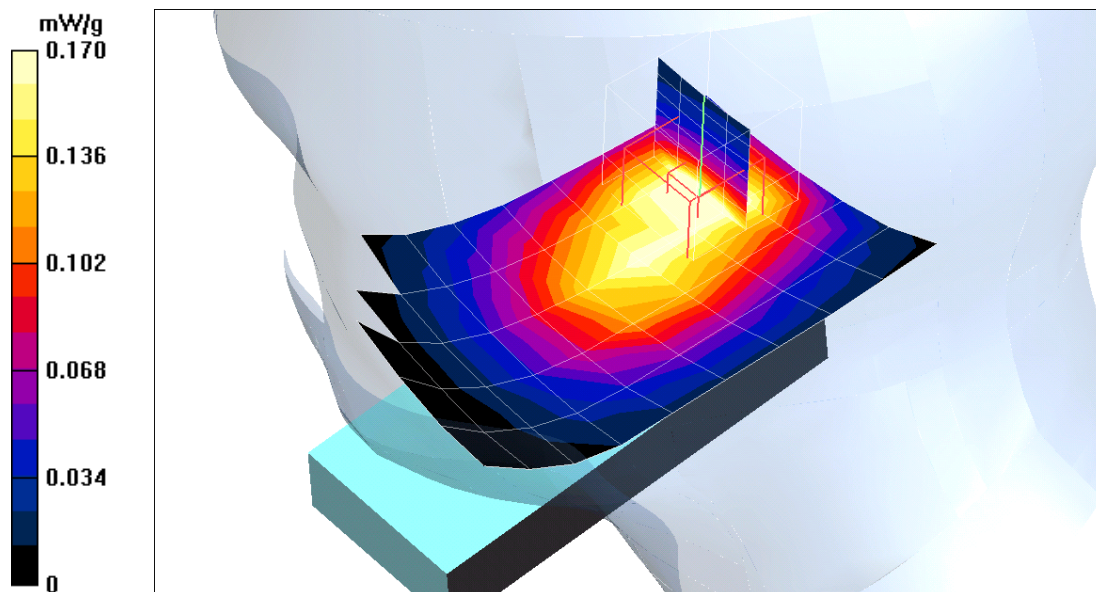
tilted Low CH128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.5 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.225 mW/g

Peak SAR (extrapolated) = 0.372 W/kg

SAR(1 g) = 0.199 mW/g; SAR(10 g) = 0.119 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 850-Right

DUT: ST20B; Type: SMT5600 ; Serial: N/A

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.92 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1763; ConvF(6.46, 6.46, 6.46); Calibrated: 3/23/2004
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 3/15/2004
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

tilted Middle CH190/Area Scan (6x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Reference Value = 14.9 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.209 mW/g

tilted Middle CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.9 V/m; Power Drift = -0.1 dB

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

Peak SAR (extrapolated) = 0.466 W/kg

SAR(1 g) = **0.247 mW/g**; SAR(10 g) = 0.146 mW/g

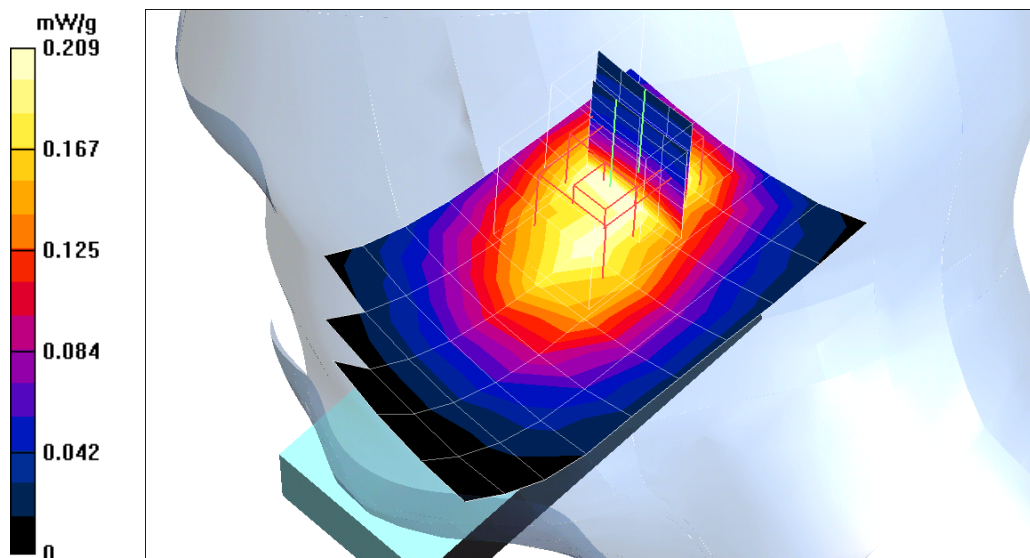
tilted Middle CH190/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.9 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.239 mW/g

Peak SAR (extrapolated) = 0.332 W/kg

SAR(1 g) = **0.203 mW/g**; SAR(10 g) = 0.141 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 850-Right

DUT: ST20B; Type: SMT5600 ; Serial: N/A

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.92 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1763; ConvF(6.46, 6.46, 6.46); Calibrated: 3/23/2004
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 3/15/2004
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

tilted High CH251/Area Scan (6x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Reference Value = 17.3 V/m; Power Drift = -0.2 dB

Maximum value of SAR (measured) = 0.285 mW/g

tilted High CH251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.3 V/m; Power Drift = -0.2 dB

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

Peak SAR (extrapolated) = 0.639 W/kg

SAR(1 g) = **0.330 mW/g**; SAR(10 g) = **0.194 mW/g**

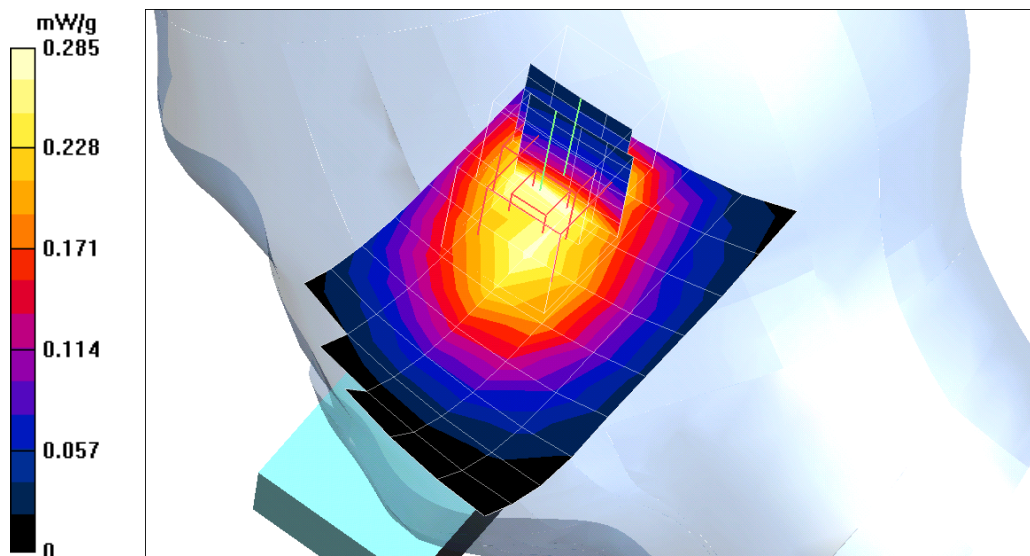
tilted High CH251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.3 V/m; Power Drift = -0.2 dB

Maximum value of SAR (measured) = 0.319 mW/g

Peak SAR (extrapolated) = 0.460 W/kg

SAR(1 g) = **0.269 mW/g**; SAR(10 g) = **0.185 mW/g**



Test Laboratory: Compliance Certification Services Inc.

GSM 1900-Right

DUT: ST20B; Type: SMT5600 ; Serial: N/A

Communication System: DCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r = 38.7$; $\rho = 1000 \text{ kg/m}^3$

Air Temperature: 25.3 deg C; Liquid Temperature: 24.3 deg C

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1763; ConvF(5.34, 5.34, 5.34); Calibrated: 3/23/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 3/15/2004
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Tilted Low CH512/Area Scan (6x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Reference Value = 14.2 V/m; Power Drift = 0.0 dB

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

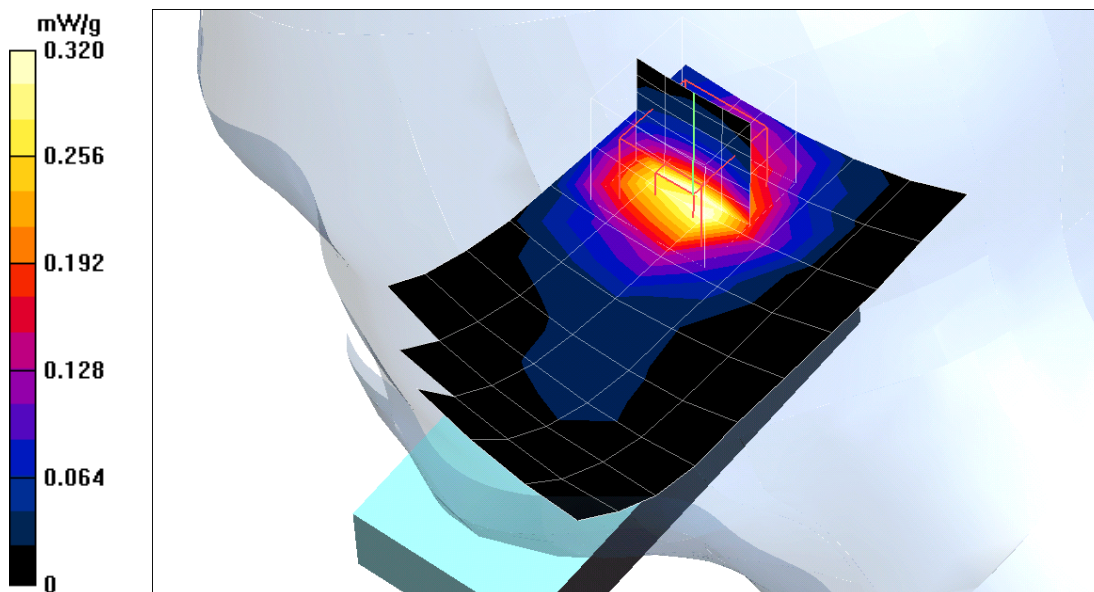
Tilted Low CH512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.2 V/m; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 0.362 mW/g

Peak SAR (extrapolated) = 0.558 W/kg

SAR(1 g) = **0.322 mW/g**; SAR(10 g) = 0.176 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 1900-Right

DUT: ST20B; Type: SMT5600 ; Serial: N/A

Communication System: DCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r = 38.7$; $\rho = 1000 \text{ kg/m}^3$

Air Temperature: 25.3 deg C; Liquid Temperature: 24.3 deg C

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1763; ConvF(5.34, 5.34, 5.34); Calibrated: 3/23/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 3/15/2004
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Tilted Middle CH661/Area Scan (6x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Reference Value = 17.8 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.466 mW/g

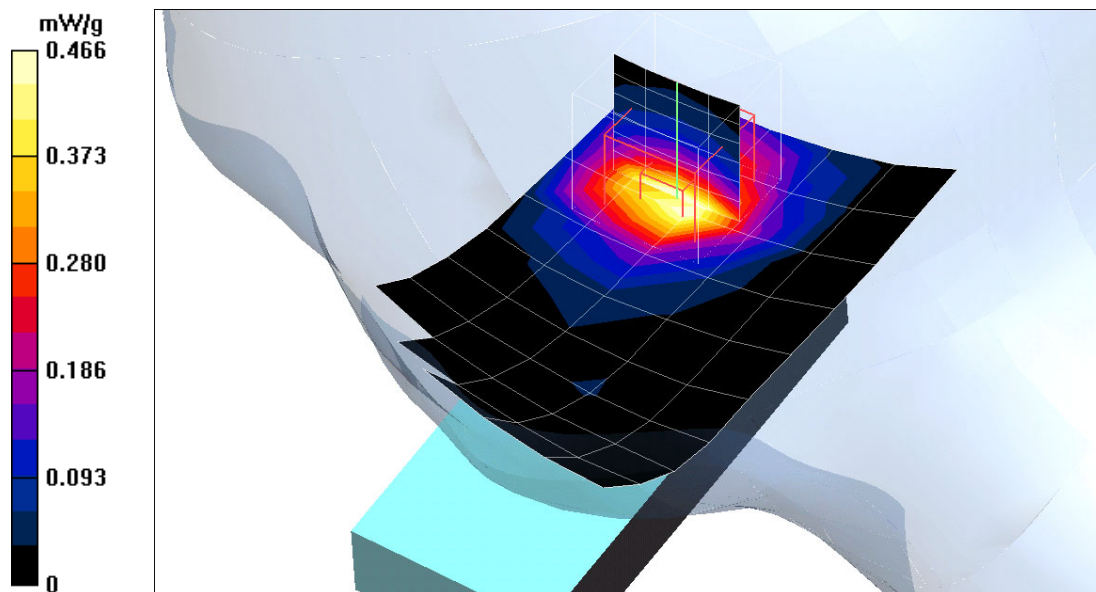
Tilted Middle CH661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.8 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.518 mW/g

Peak SAR (extrapolated) = 0.790 W/kg

SAR(1 g) = **0.461 mW/g**; SAR(10 g) = **0.251 mW/g**



Test Laboratory: Compliance Certification Services Inc.

GSM 1900-Right

DUT: ST20B; Type: SMT5600 ; Serial: N/A

Communication System: DCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8

Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r = 38.7$; $\rho = 1000 \text{ kg/m}^3$

Air Temperature: 25.3 deg C; Liquid Temperature: 24.3 deg C

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1763; ConvF(5.34, 5.34, 5.34); Calibrated: 3/23/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 3/15/2004
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Tilted High CH810/Area Scan (6x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Reference Value = 19.9 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.697 mW/g

Tilted High CH810/Z Scan (1x1x21): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$, $dz=5\text{mm}$

Reference Value = 19.9 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.658 mW/g

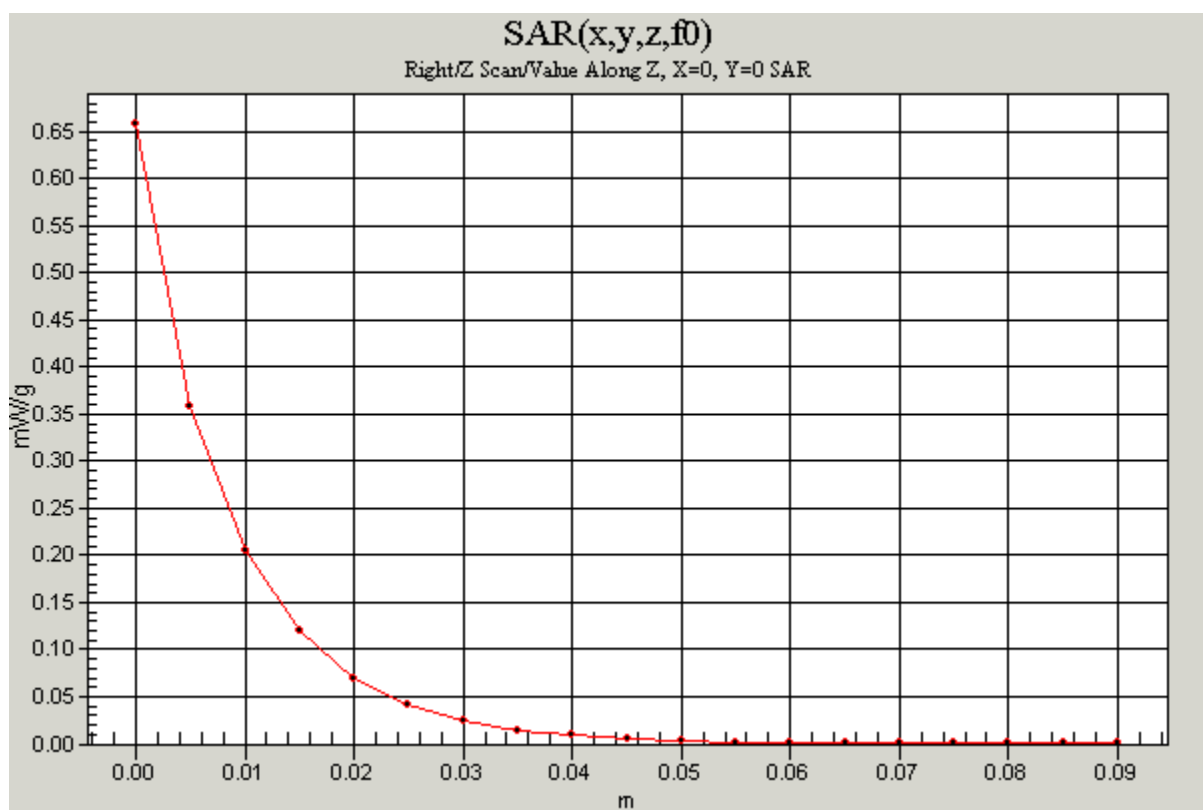
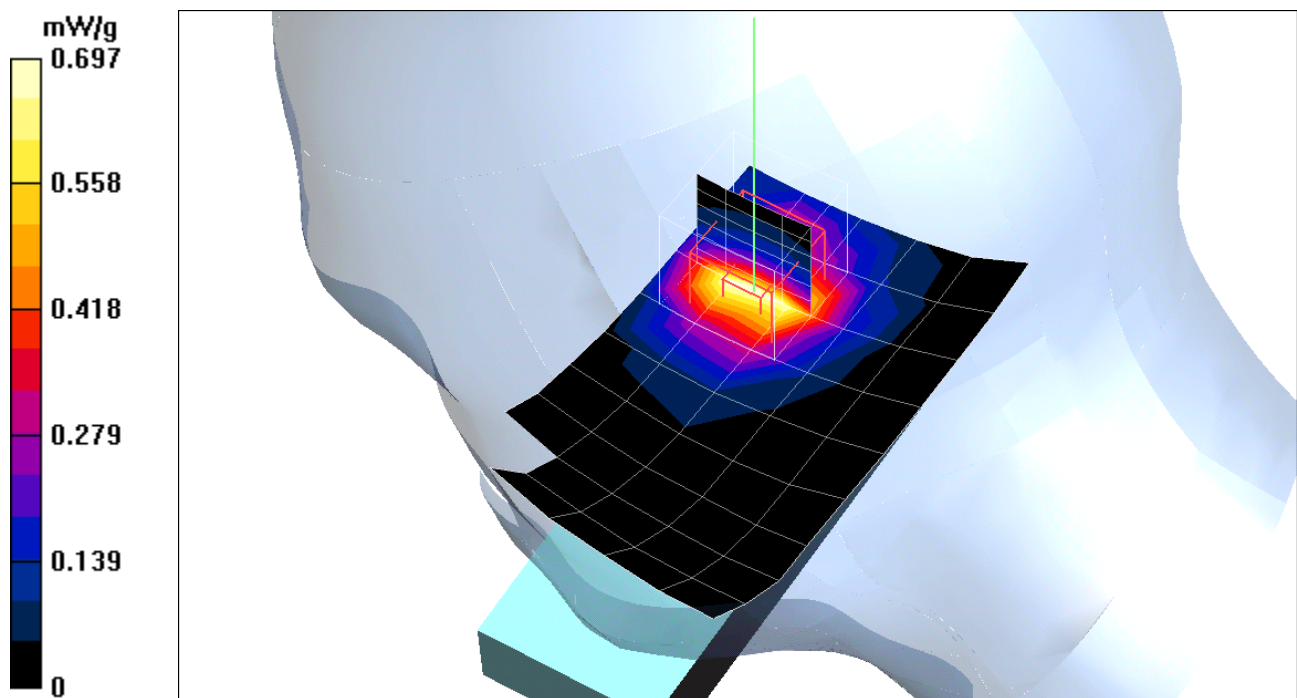
Tilted High CH810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 19.9 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.757 mW/g

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.671 mW/g; SAR(10 g) = 0.355 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 1900-Right

DUT: ST20B; Type: SMT5600 ; Serial: N/A

Communication System: DCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8

Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r = 38.7$; $\rho = 1000 \text{ kg/m}^3$

Air Temperature: 25.3 deg C; Liquid Temperature: 24.3 deg C

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1763; ConvF(5.34, 5.34, 5.34); Calibrated: 3/23/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 3/15/2004
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Tilted High CH810 with BT(co-location)/Area Scan (6x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Reference Value = 19.9 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.654 mW/g

Tilted High CH810 with BT(co-location)/Z Scan (1x1x21): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$, $dz=5\text{mm}$

Reference Value = 19.9 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.743 mW/g

Tilted High CH810 with BT(co-location)/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 19.9 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.742 mW/g

Peak SAR (extrapolated) = 1.2 W/kg

SAR(1 g) = **0.659 mW/g**; SAR(10 g) = 0.348 mW/g

