

APPENDIX A: TEST DATA

Liquid Level Photo

HSL 835MHz D=150mm



MSL 835MHz D=150mm



Test Laboratory: Bureau Veritas ADT

M01-Right Head-Cheek-WCDMA850-Ch4132

DUT: Mobile Phone ; Type: F-05C

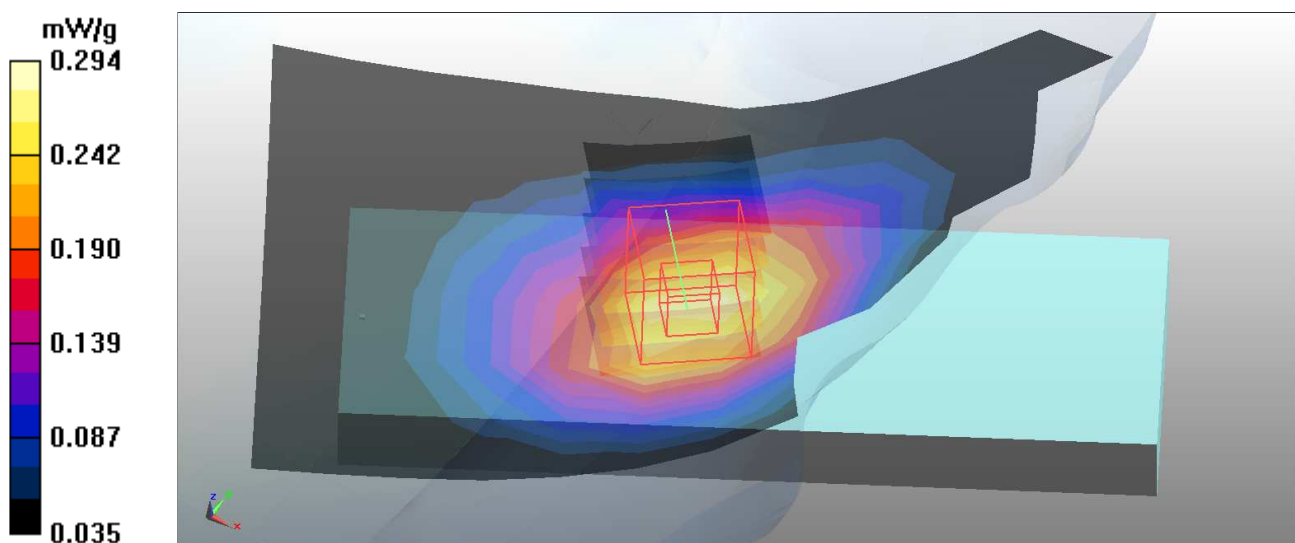
Communication System: WCDMA Band 5 ; Frequency: 826.4 MHz ; Duty Cycle: 1:1
Medium: HSL835 Medium parameters used : $f = 826.4$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 42.8$; $\rho = 1000$ kg/m³
Phantom section: Right Section ; DUT test position : Cheek ; Modulation type: BPSK

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(9.8, 9.8, 9.8) ; Calibrated: 2010/1/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2010/1/22
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80; SEMCAD X Version 14.0 Build 61

Touch Position - Low Channel 4132/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.281 mW/g

Touch Position - Low Channel 4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.65 V/m; Power Drift = -0.179 dB
Peak SAR (extrapolated) = 0.328 W/kg
SAR(1 g) = **0.253** mW/g; SAR(10 g) = 0.185 mW/g
Maximum value of SAR (measured) = 0.294 mW/g



Test Laboratory: Bureau Veritas ADT

M01-Right Head-Cheek-WCDMA850-Ch4182

DUT: Mobile Phone ; Type: F-05C

Communication System: WCDMA Band 5 ; Frequency: 836.4 MHz ; Duty Cycle: 1:1
Medium: HSL835 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 42.6$; $\rho = 1000$ kg/m³
Phantom section: Right Section ; DUT test position : Cheek ; Modulation type: BPSK

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(9.8, 9.8, 9.8) ; Calibrated: 2010/1/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2010/1/22
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80; SEMCAD X Version 14.0 Build 61

Touch Position - Mid Channel 4182/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

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

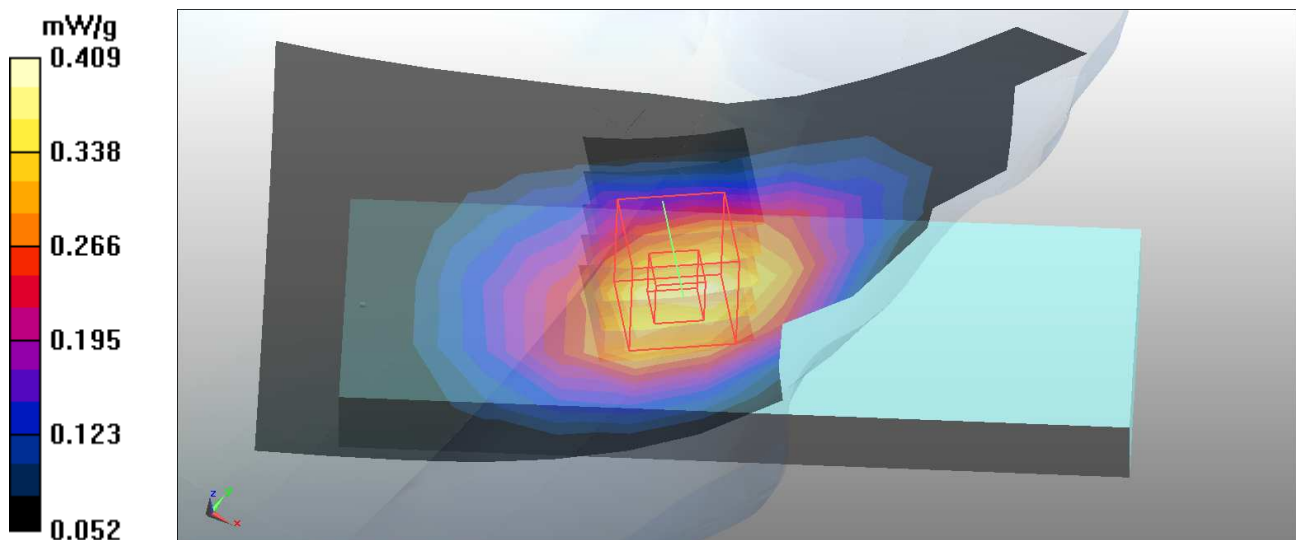
Touch Position - Mid Channel 4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.18 V/m; Power Drift = 0.031 dB

Peak SAR (extrapolated) = 0.454 W/kg

SAR(1 g) = 0.350 mW/g; SAR(10 g) = 0.254 mW/g

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



Test Laboratory: Bureau Veritas ADT

M01-Right Head-Cheek-WCDMA850-Ch4233

DUT: Mobile Phone ; Type: F-05C

Communication System: WCDMA Band 5 ; Frequency: 846.6 MHz ; Duty Cycle: 1:1
Medium: HSL835 Medium parameters used : $f = 846.6$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 42.5$; $\rho = 1000$ kg/m³
Phantom section: Right Section ; DUT test position : Cheek ; Modulation type: BPSK

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(9.8, 9.8, 9.8) ; Calibrated: 2010/1/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2010/1/22
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80; SEMCAD X Version 14.0 Build 61

Touch Position - High Channel 4233/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.396 mW/g

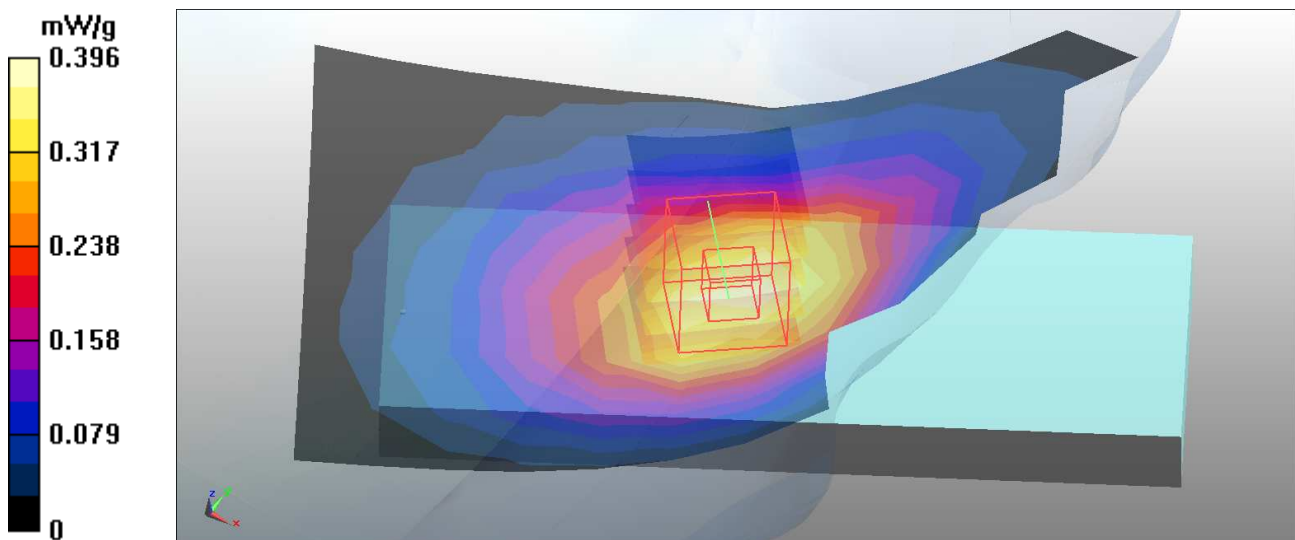
Touch Position - High Channel 4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.46 V/m; Power Drift = -0.176 dB

Peak SAR (extrapolated) = 0.456 W/kg

SAR(1 g) = 0.352 mW/g; SAR(10 g) = 0.256 mW/g

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



Test Laboratory: Bureau Veritas ADT

M02-Right Head-Tilt-WCDMA850-Ch4132

DUT: Mobile Phone ; Type: F-05C

Communication System: WCDMA Band 5 ; Frequency: 826.4 MHz ; Duty Cycle: 1:1
Medium: HSL835 Medium parameters used : $f = 826.4 \text{ MHz}$; $\sigma = 0.91 \text{ mho/m}$; $\epsilon_r = 42.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section ; DUT test position : Tilt ; Modulation type: BPSK

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(9.8, 9.8, 9.8) ; Calibrated: 2010/1/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2010/1/22
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80; SEMCAD X Version 14.0 Build 61

Tilt Position - Low Channel 4132/Area Scan (7x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.129 mW/g

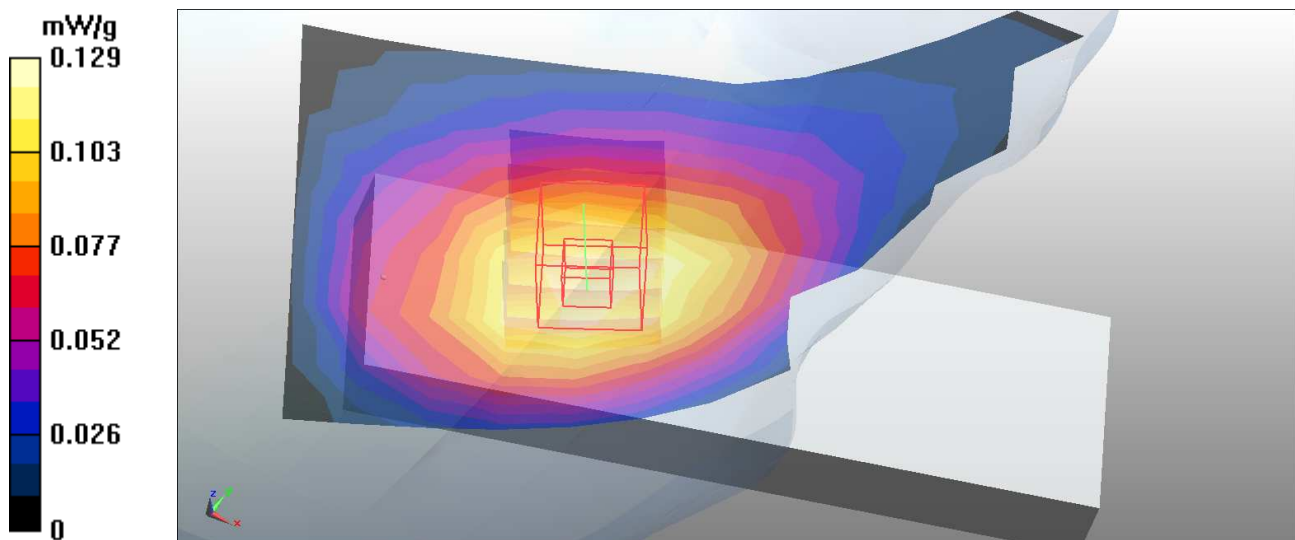
Tilt Position - Low Channel 4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.23 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 0.139 W/kg

SAR(1 g) = 0.113 mW/g; SAR(10 g) = 0.087 mW/g

Maximum value of SAR (measured) = 0.127 mW/g



Test Laboratory: Bureau Veritas ADT

M02-Right Head-Tilt-WCDMA850-Ch4182

DUT: Mobile Phone ; Type: F-05C

Communication System: WCDMA Band 5 ; Frequency: 836.4 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 42.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section ; DUT test position : Tilt ; Modulation type: BPSK

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(9.8, 9.8, 9.8) ; Calibrated: 2010/1/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2010/1/22
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80; SEMCAD X Version 14.0 Build 61

Tilt Position - Mid Channel 4182/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.181 mW/g

Tilt Position - Mid Channel 4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.1 V/m; Power Drift = -0.154 dB

Peak SAR (extrapolated) = 0.198 W/kg

SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.122 mW/g

Maximum value of SAR (measured) = 0.182 mW/g

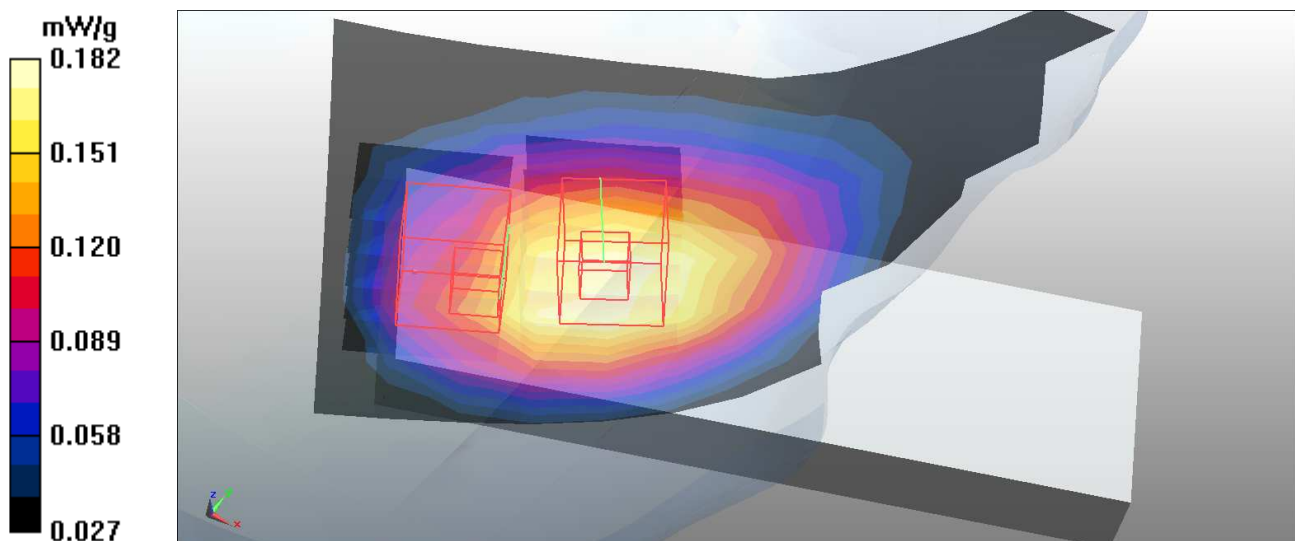
Tilt Position - Mid Channel 4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.1 V/m; Power Drift = -0.154 dB

Peak SAR (extrapolated) = 0.153 W/kg

SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.073 mW/g

Maximum value of SAR (measured) = 0.141 mW/g



Test Laboratory: Bureau Veritas ADT

M02-Right Head-Tilt-WCDMA850-Ch4233

DUT: Mobile Phone ; Type: F-05C

Communication System: WCDMA Band 5 ; Frequency: 846.6 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used : $f = 846.6$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 42.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section ; DUT test position : Tilt ; Modulation type: BPSK

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(9.8, 9.8, 9.8) ; Calibrated: 2010/1/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2010/1/22
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80; SEMCAD X Version 14.0 Build 61

Tilt Position - High Channel 4233/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

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

Tilt Position - High Channel 4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.49 V/m; Power Drift = -0.054 dB

Peak SAR (extrapolated) = 0.193 W/kg

SAR(1 g) = 0.156 mW/g; SAR(10 g) = 0.119 mW/g

Maximum value of SAR (measured) = 0.176 mW/g

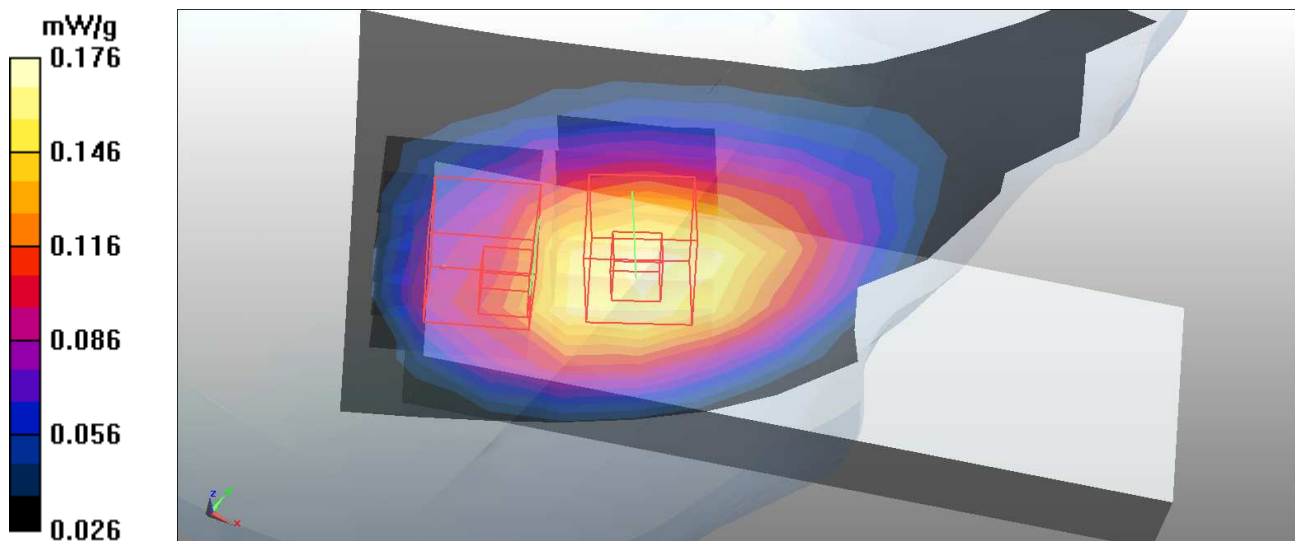
Tilt Position - High Channel 4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.49 V/m; Power Drift = -0.054 dB

Peak SAR (extrapolated) = 0.146 W/kg

SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.070 mW/g

Maximum value of SAR (measured) = 0.135 mW/g



Test Laboratory: Bureau Veritas ADT

M03-Left Head-Cheek-WCDMA850-Ch4132

DUT: Mobile Phone ; Type: F-05C

Communication System: WCDMA Band 5 ; Frequency: 826.4 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used : $f = 826.4$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 42.8$; $\rho = 1000$ kg/m³

Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: BPSK

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(9.8, 9.8, 9.8) ; Calibrated: 2010/1/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2010/1/22
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80; SEMCAD X Version 14.0 Build 61

Touch Position - Low Channel 4132/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.248 mW/g

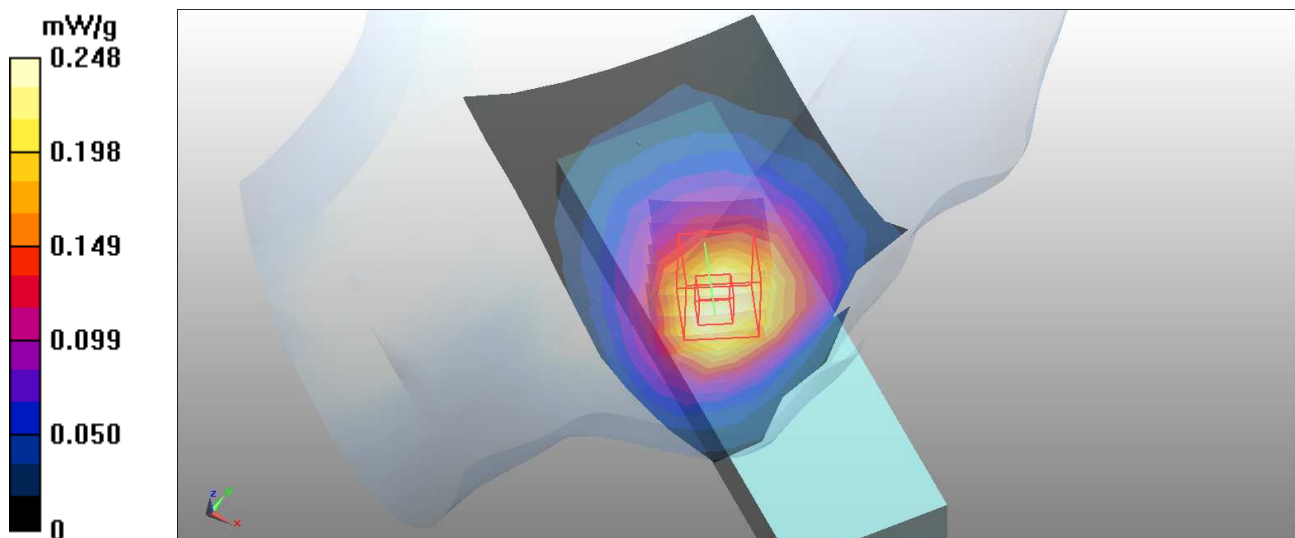
Touch Position - Low Channel 4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.05 V/m; Power Drift = 0.071 dB

Peak SAR (extrapolated) = 0.288 W/kg

SAR(1 g) = 0.223 mW/g; SAR(10 g) = 0.163 mW/g

Maximum value of SAR (measured) = 0.256 mW/g



Test Laboratory: Bureau Veritas ADT

M03-Left Head-Cheek-WCDMA850-Ch4182

DUT: Mobile Phone ; Type: F-05C

Communication System: WCDMA Band 5 ; Frequency: 836.4 MHz ; Duty Cycle: 1:1
Medium: HSL835 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 42.6$; $\rho = 1000$ kg/m³
Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: BPSK

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(9.8, 9.8, 9.8) ; Calibrated: 2010/1/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2010/1/22
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80; SEMCAD X Version 14.0 Build 61

Touch Position - Mid Channel 4182/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.357 mW/g

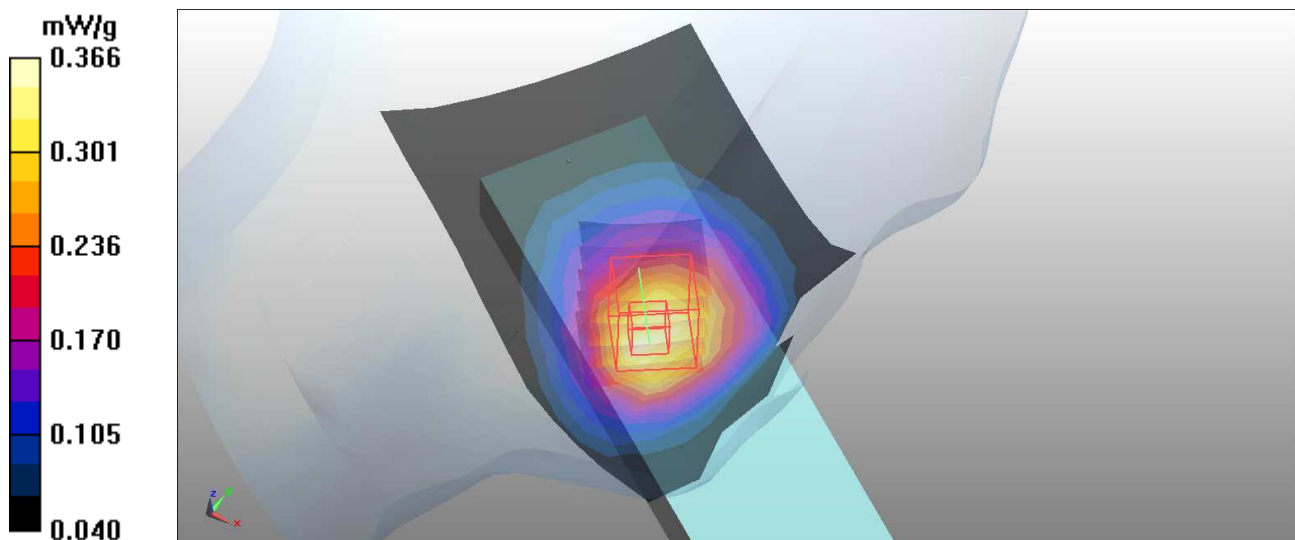
Touch Position - Mid Channel 4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.15 V/m; Power Drift = -0.073 dB

Peak SAR (extrapolated) = 0.411 W/kg

SAR(1 g) = 0.317 mW/g; SAR(10 g) = 0.231 mW/g

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



Test Laboratory: Bureau Veritas ADT

M03-Left Head-Cheek-WCDMA850-Ch4233

DUT: Mobile Phone ; Type: F-05C

Communication System: WCDMA Band 5 ; Frequency: 846.6 MHz ; Duty Cycle: 1:1
Medium: HSL835 Medium parameters used : $f = 846.6 \text{ MHz}$; $\sigma = 0.94 \text{ mho/m}$; $\epsilon_r = 42.5$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: BPSK

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(9.8, 9.8, 9.8) ; Calibrated: 2010/1/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2010/1/22
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80; SEMCAD X Version 14.0 Build 61

Touch Position - High Channel 4233/Area Scan (7x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

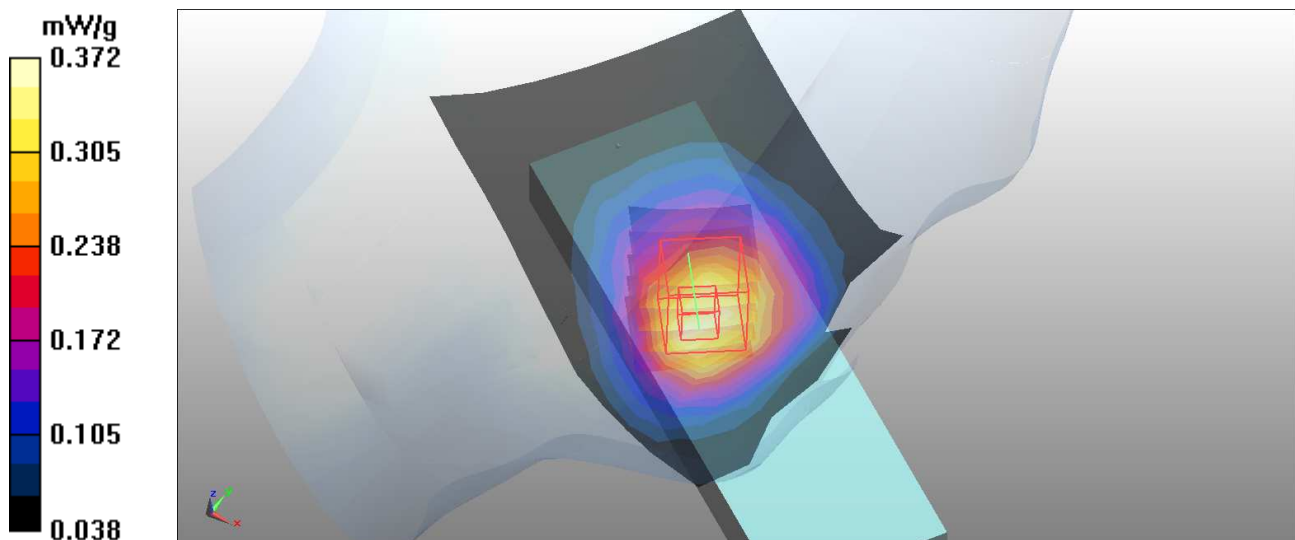
Touch Position - High Channel 4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.11 V/m; Power Drift = 0.191 dB

Peak SAR (extrapolated) = 0.417 W/kg

SAR(1 g) = 0.322 mW/g; SAR(10 g) = 0.235 mW/g

Maximum value of SAR (measured) = 0.372 mW/g



Test Laboratory: Bureau Veritas ADT

M04-Left Head-Tilt-WCDMA850-Ch4132

DUT: Mobile Phone ; Type: F-05C

Communication System: WCDMA Band 5 ; Frequency: 826.4 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used : $f = 826.4 \text{ MHz}$; $\sigma = 0.91 \text{ mho/m}$; $\epsilon_r = 42.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: BPSK

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(9.8, 9.8, 9.8) ; Calibrated: 2010/1/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2010/1/22
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80; SEMCAD X Version 14.0 Build 61

Tilt Position - Low Channel 4132/Area Scan (7x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.109 mW/g

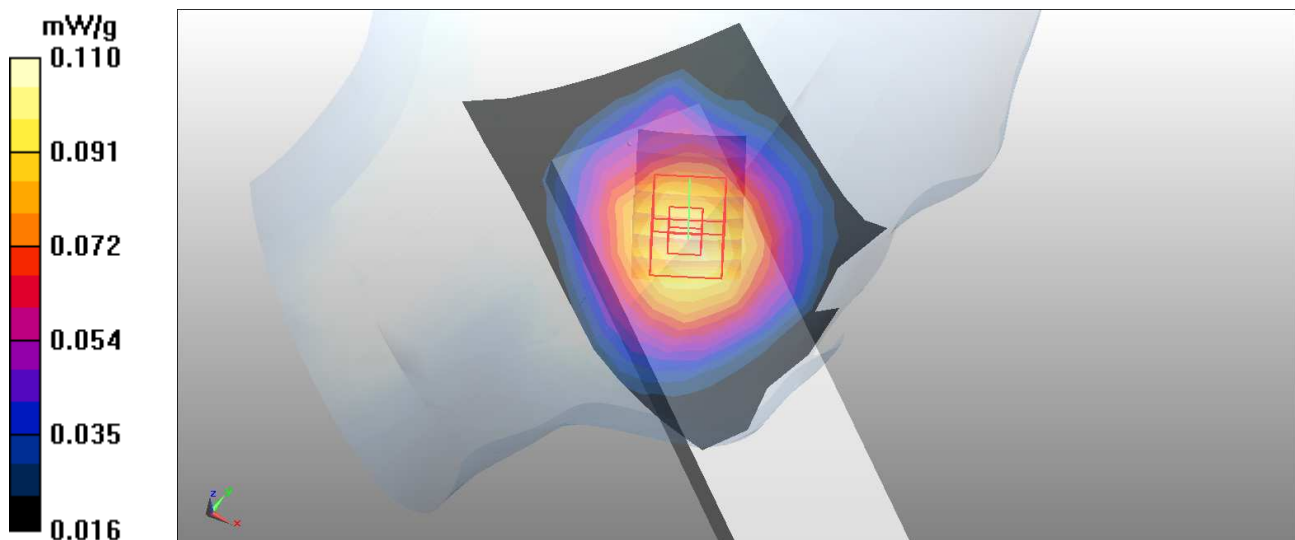
Tilt Position - Low Channel 4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.48 V/m; Power Drift = 0.114 dB

Peak SAR (extrapolated) = 0.120 W/kg

SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.074 mW/g

Maximum value of SAR (measured) = 0.110 mW/g



Test Laboratory: Bureau Veritas ADT

M04-Left Head-Tilt-WCDMA850-Ch4182

DUT: Mobile Phone ; Type: F-05C

Communication System: WCDMA Band 5 ; Frequency: 836.4 MHz ; Duty Cycle: 1:1
Medium: HSL835 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 42.6$; $\rho = 1000$ kg/m³
Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: BPSK

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(9.8, 9.8, 9.8) ; Calibrated: 2010/1/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2010/1/22
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80; SEMCAD X Version 14.0 Build 61

Tilt Position - Mid Channel 4182/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.147 mW/g

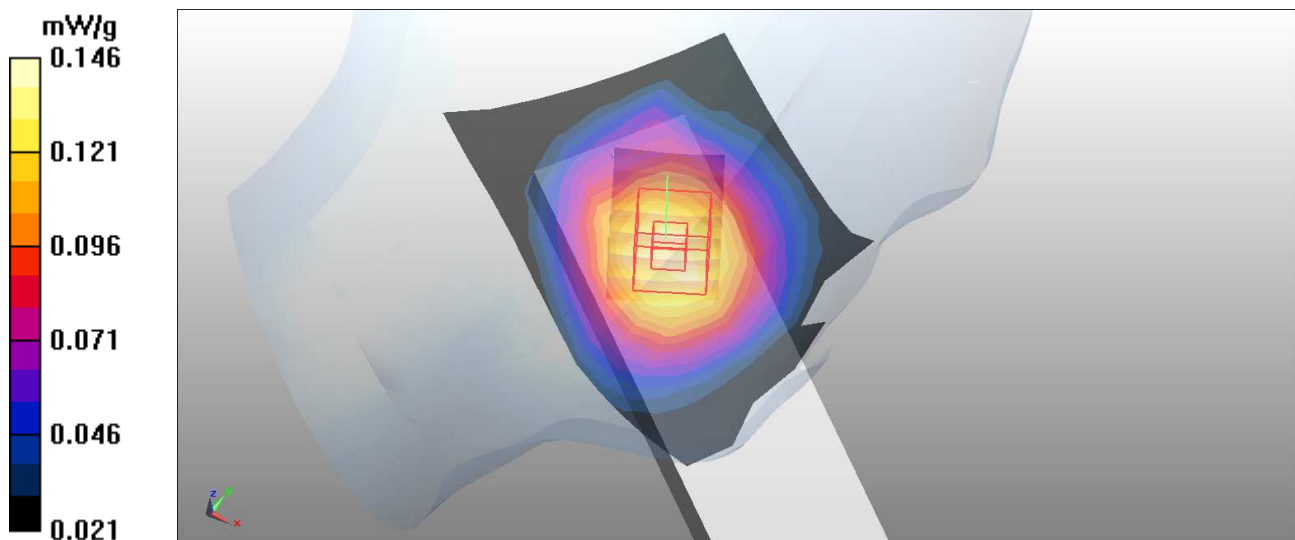
Tilt Position - Mid Channel 4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.88 V/m; Power Drift = -0.122 dB

Peak SAR (extrapolated) = 0.160 W/kg

SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.098 mW/g

Maximum value of SAR (measured) = 0.146 mW/g



Test Laboratory: Bureau Veritas ADT

M04-Left Head-Tilt-WCDMA850-Ch4233

DUT: Mobile Phone ; Type: F-05C

Communication System: WCDMA Band 5 ; Frequency: 846.6 MHz ; Duty Cycle: 1:1
Medium: HSL835 Medium parameters used : $f = 846.6 \text{ MHz}$; $\sigma = 0.94 \text{ mho/m}$; $\epsilon_r = 42.5$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: BPSK

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(9.8, 9.8, 9.8) ; Calibrated: 2010/1/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2010/1/22
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80; SEMCAD X Version 14.0 Build 61

Tilt Position - High Channel 4233/Area Scan (7x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.140 mW/g

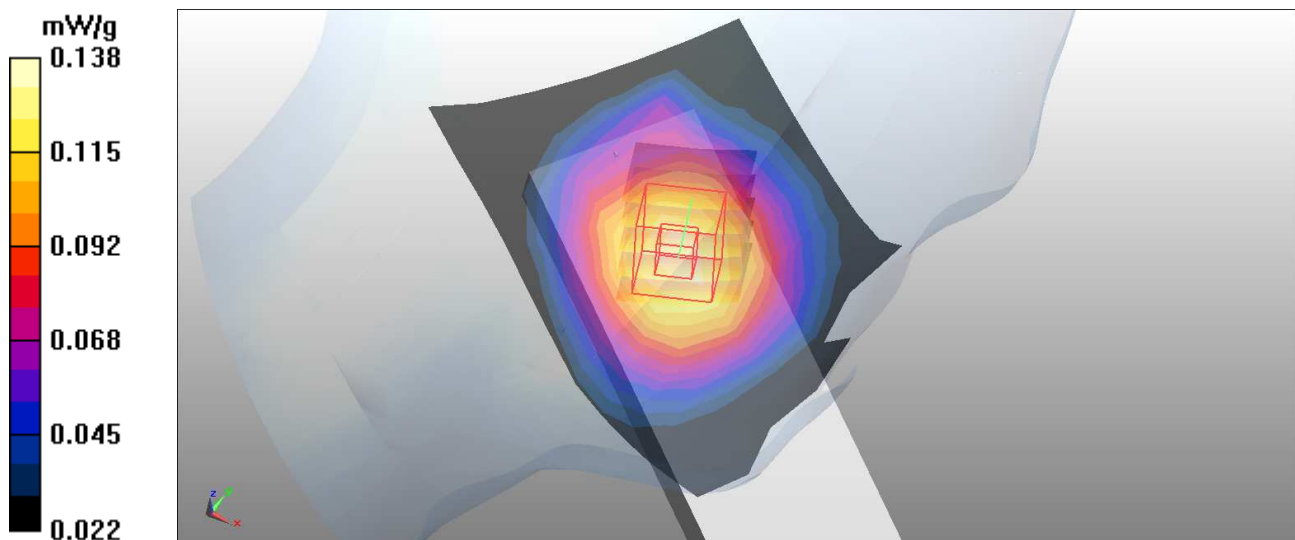
Tilt Position - High Channel 4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.58 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 0.150 W/kg

SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.092 mW/g

Maximum value of SAR (measured) = 0.138 mW/g



Test Laboratory: Bureau Veritas ADT

M05-Right Head-Cheek-WCDMA850-Ch4132

DUT: Mobile Phone ; Type: F-05C

Communication System: WCDMA Band 5 ; Frequency: 826.4 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used : $f = 826.4$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 42.8$; $\rho = 1000$ kg/m³

Phantom section: Right Section ; DUT test position : Cheek ; Modulation type: BPSK

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(9.8, 9.8, 9.8) ; Calibrated: 2010/1/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2010/1/22
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80; SEMCAD X Version 14.0 Build 61

Touch Position - Low Channel 4132/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.227 mW/g

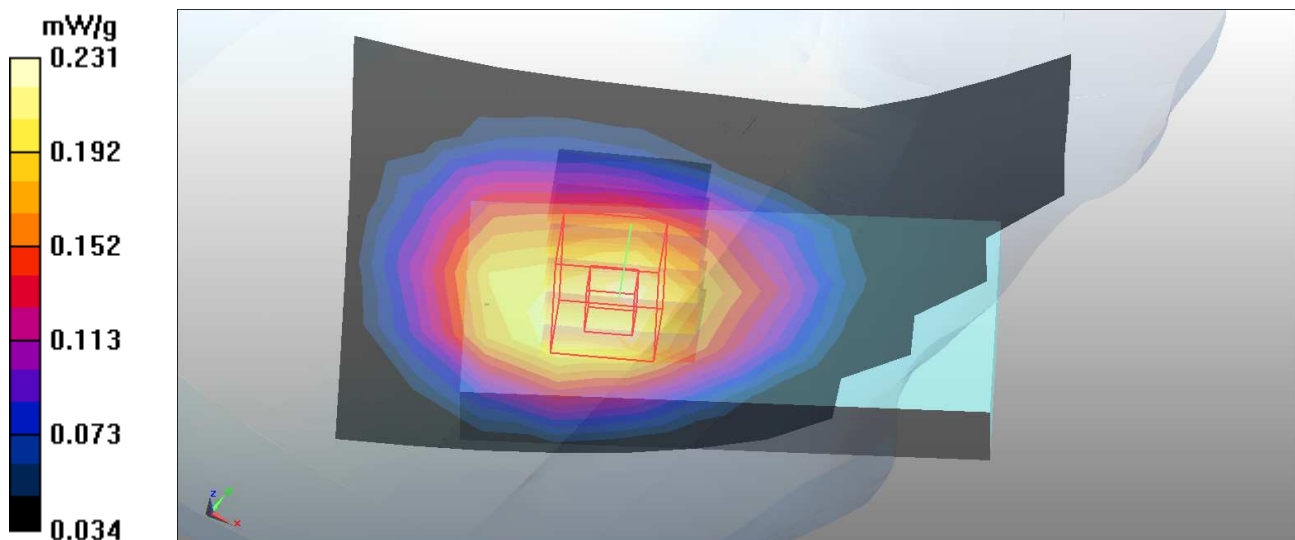
Touch Position - Low Channel 4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.4 V/m; Power Drift = 0.106 dB

Peak SAR (extrapolated) = 0.255 W/kg

SAR(1 g) = 0.204 mW/g; SAR(10 g) = 0.158 mW/g

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



Test Laboratory: Bureau Veritas ADT

M05-Right Head-Cheek-WCDMA850-Ch4182

DUT: Mobile Phone ; Type: F-05C

Communication System: WCDMA Band 5 ; Frequency: 836.4 MHz ; Duty Cycle: 1:1
Medium: HSL835 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 42.6$; $\rho = 1000$ kg/m³
Phantom section: Right Section ; DUT test position : Cheek ; Modulation type: BPSK

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(9.8, 9.8, 9.8) ; Calibrated: 2010/1/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2010/1/22
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80; SEMCAD X Version 14.0 Build 61

Touch Position - Mid Channel 4182/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

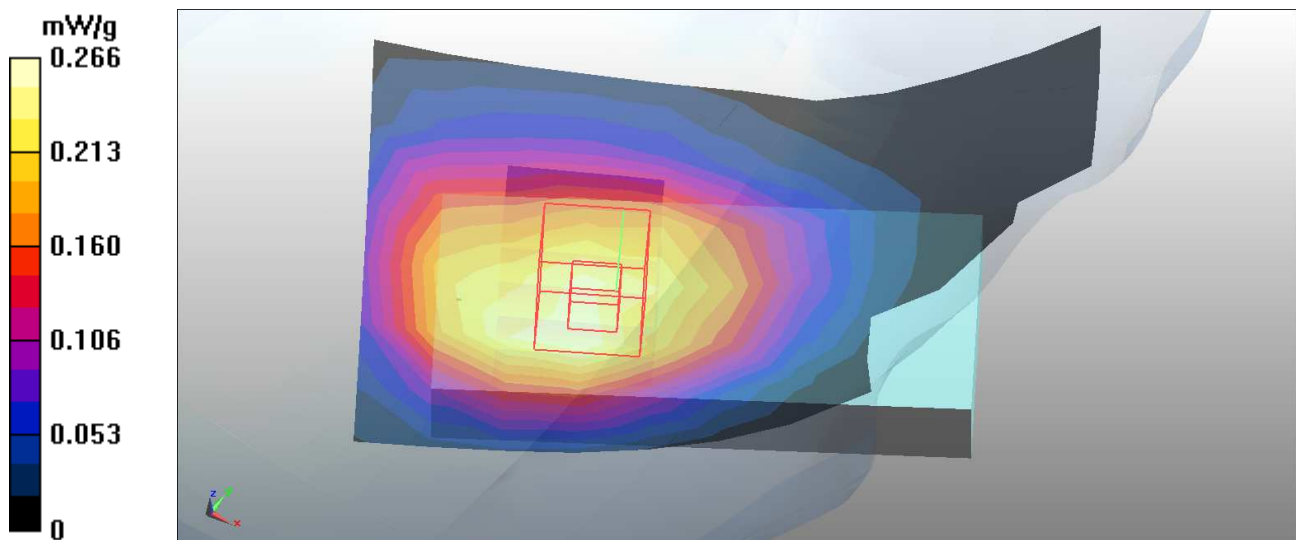
Touch Position - Mid Channel 4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.5 V/m; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 0.275 W/kg

SAR(1 g) = 0.216 mW/g; SAR(10 g) = 0.166 mW/g

Maximum value of SAR (measured) = 0.246 mW/g



Test Laboratory: Bureau Veritas ADT

M05-Right Head-Cheek-WCDMA850-Ch4233

DUT: Mobile Phone ; Type: F-05C

Communication System: WCDMA Band 5 ; Frequency: 846.6 MHz ; Duty Cycle: 1:1
Medium: HSL835 Medium parameters used : $f = 846.6$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 42.5$; $\rho = 1000$ kg/m³
Phantom section: Right Section ; DUT test position : Cheek ; Modulation type: BPSK

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(9.8, 9.8, 9.8) ; Calibrated: 2010/1/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2010/1/22
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80; SEMCAD X Version 14.0 Build 61

Touch Position - High Channel 4233/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.420 mW/g

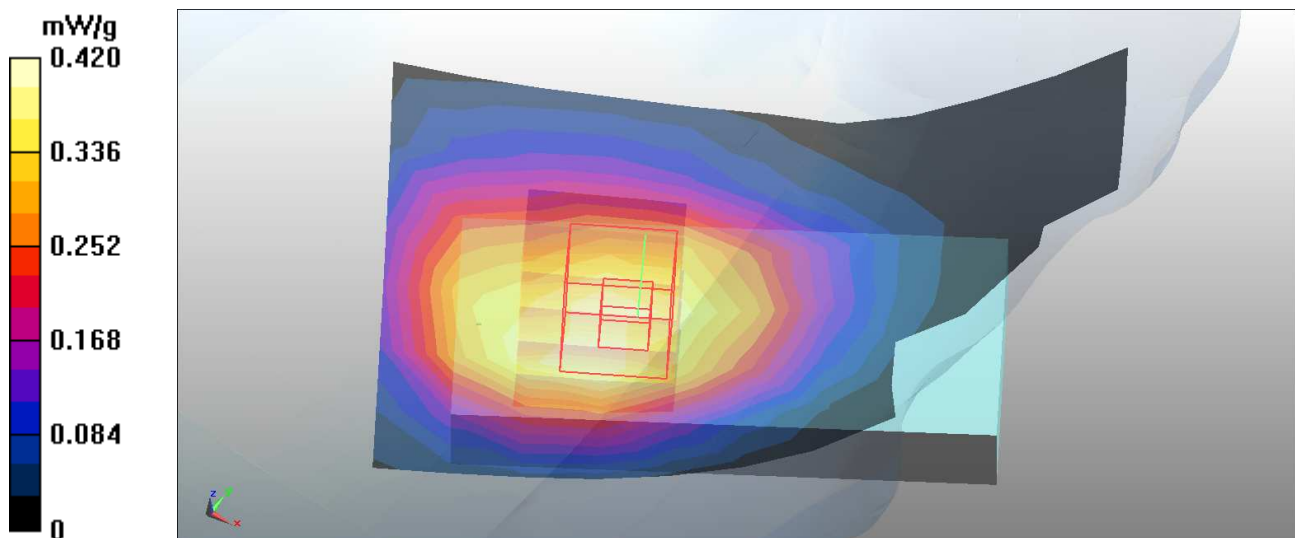
Touch Position - High Channel 4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19 V/m; Power Drift = -0.00842 dB

Peak SAR (extrapolated) = 0.476 W/kg

SAR(1 g) = 0.378 mW/g; SAR(10 g) = 0.289 mW/g

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



Test Laboratory: Bureau Veritas ADT

M06-Right Head-Tilt-WCDMA850-Ch4132**DUT: Mobile Phone ; Type: F-05C**

Communication System: WCDMA Band 5 ; Frequency: 826.4 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used : $f = 826.4$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 42.8$; $\rho = 1000$ kg/m³

Phantom section: Right Section ; DUT test position : Tilt ; Modulation type: BPSK

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(9.8, 9.8, 9.8) ; Calibrated: 2010/1/26

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn861; Calibrated: 2010/1/22

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202

- Measurement SW: DASY4, V4.7 Build 80; SEMCAD X Version 14.0 Build 61

Tilt Position - Low Channel 4132/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.180 mW/g

Tilt Position - Low Channel 4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.5 V/m; Power Drift = -0.044 dB

Peak SAR (extrapolated) = 0.196 W/kg

SAR(1 g) = 0.158 mW/g; SAR(10 g) = 0.121 mW/g

Maximum value of SAR (measured) = 0.182 mW/g

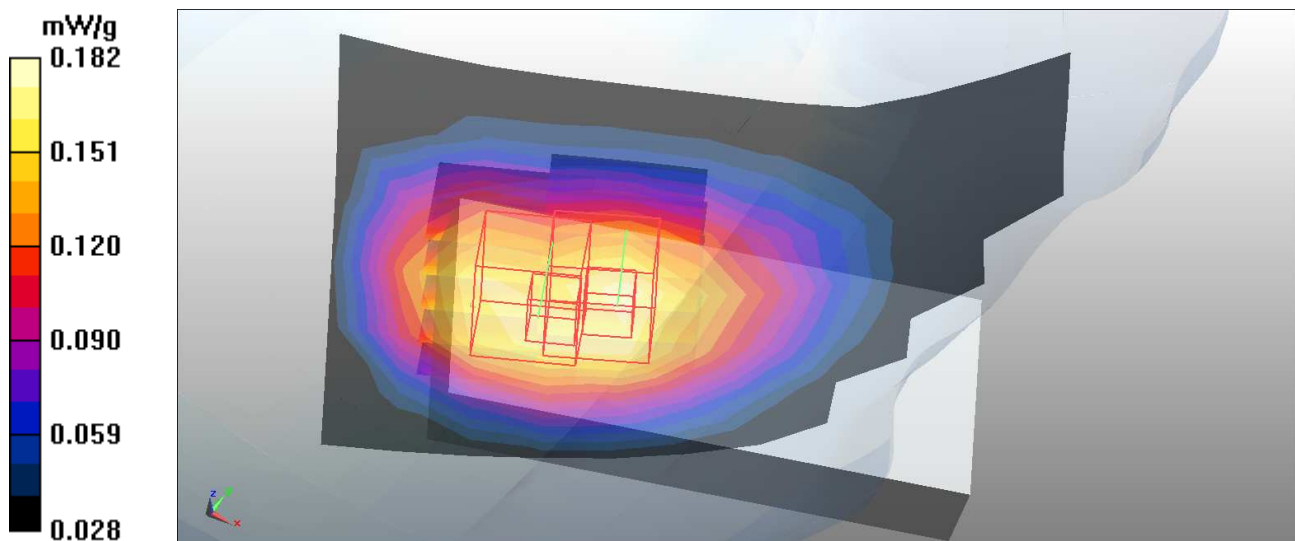
Tilt Position - Low Channel 4132/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.5 V/m; Power Drift = -0.044 dB

Peak SAR (extrapolated) = 0.207 W/kg

SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.114 mW/g

Maximum value of SAR (measured) = 0.179 mW/g



Test Laboratory: Bureau Veritas ADT

M06-Right Head-Tilt-WCDMA850-Ch4182**DUT: Mobile Phone ; Type: F-05C**

Communication System: WCDMA Band 5 ; Frequency: 836.4 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 42.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section ; DUT test position : Tilt ; Modulation type: BPSK

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(9.8, 9.8, 9.8) ; Calibrated: 2010/1/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2010/1/22
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80; SEMCAD X Version 14.0 Build 61

Tilt Position - Mid Channel 4182/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.262 mW/g

Tilt Position - Mid Channel 4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.1 V/m; Power Drift = -0.016 dB

Peak SAR (extrapolated) = 0.286 W/kg

SAR(1 g) = 0.231 mW/g; SAR(10 g) = 0.176 mW/g

Maximum value of SAR (measured) = 0.263 mW/g

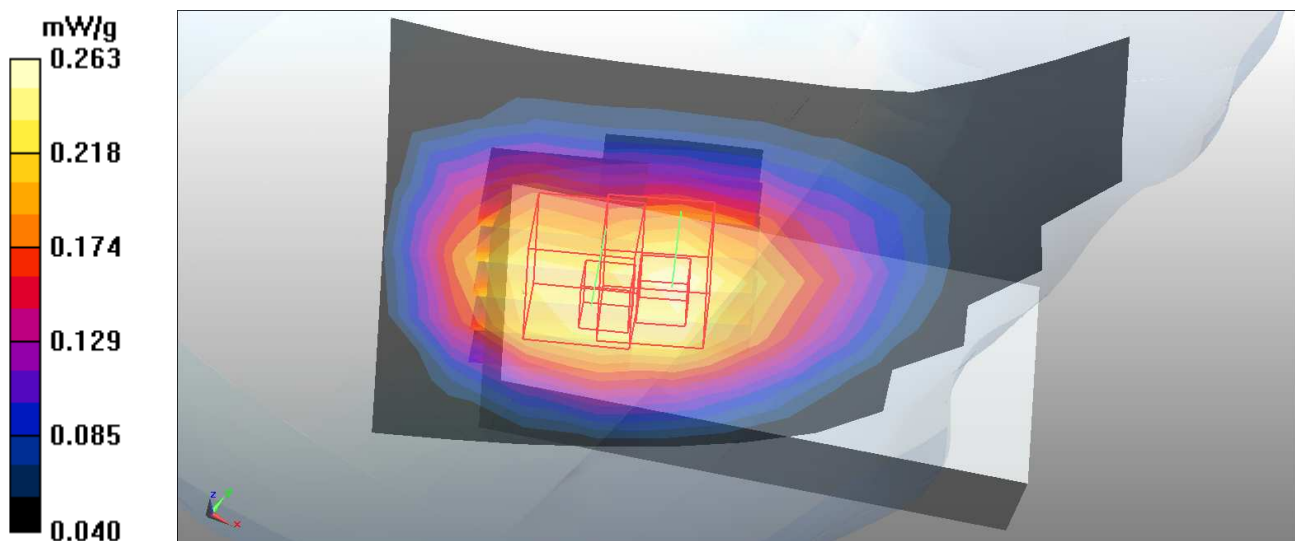
Tilt Position - Mid Channel 4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.1 V/m; Power Drift = -0.016 dB

Peak SAR (extrapolated) = 0.300 W/kg

SAR(1 g) = 0.217 mW/g; SAR(10 g) = 0.165 mW/g

Maximum value of SAR (measured) = 0.259 mW/g



Test Laboratory: Bureau Veritas ADT

M06-Right Head-Tilt-WCDMA850-Ch4233

DUT: Mobile Phone ; Type: F-05C

Communication System: WCDMA Band 5 ; Frequency: 846.6 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used : $f = 846.6$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 42.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section ; DUT test position : Tilt ; Modulation type: BPSK

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(9.8, 9.8, 9.8) ; Calibrated: 2010/1/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2010/1/22
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80; SEMCAD X Version 14.0 Build 61

Tilt Position - High Channel 4233/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.304 mW/g

Tilt Position - High Channel 4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.3 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 0.327 W/kg

SAR(1 g) = 0.264 mW/g; SAR(10 g) = 0.202 mW/g

Maximum value of SAR (measured) = 0.300 mW/g

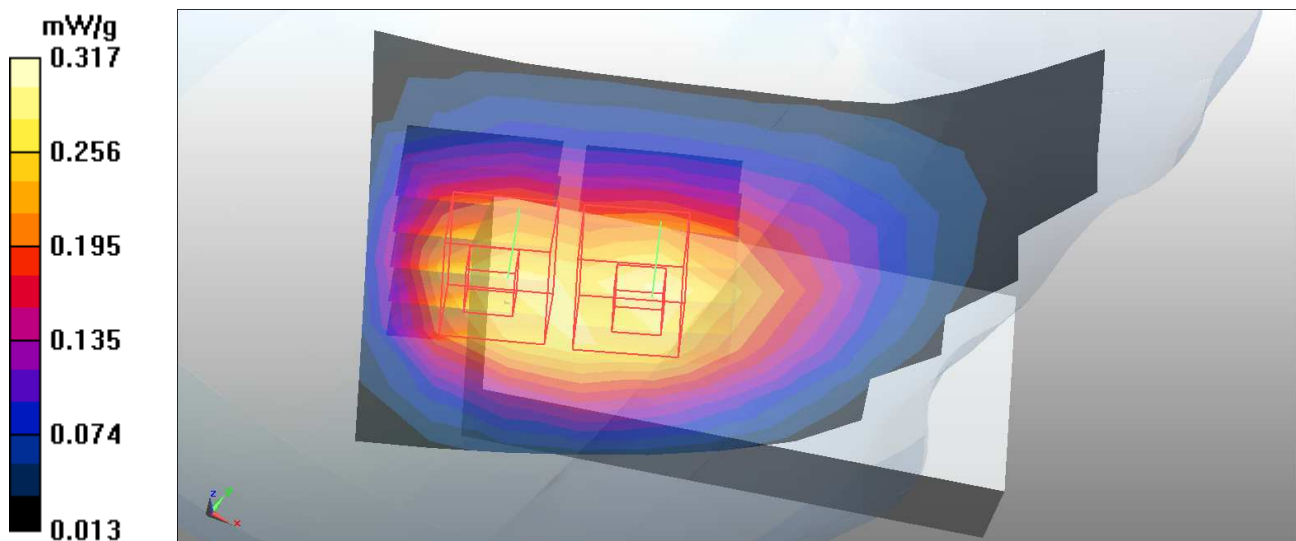
Tilt Position - High Channel 4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.3 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 0.378 W/kg

SAR(1 g) = 0.254 mW/g; SAR(10 g) = 0.176 mW/g

Maximum value of SAR (measured) = 0.317 mW/g



Test Laboratory: Bureau Veritas ADT

M07-Left Head-Cheek-WCDMA850-Ch4132

DUT: Mobile Phone ; Type: F-05C

Communication System: WCDMA Band 5 ; Frequency: 826.4 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used : $f = 826.4 \text{ MHz}$; $\sigma = 0.91 \text{ mho/m}$; $\epsilon_r = 42.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: BPSK

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(9.8, 9.8, 9.8) ; Calibrated: 2010/1/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2010/1/22
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80; SEMCAD X Version 14.0 Build 61

Touch Position - Low Channel 4132/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.220 mW/g

Touch Position - Low Channel 4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.1 V/m; Power Drift = -0.029 dB

Peak SAR (extrapolated) = 0.247 W/kg

SAR(1 g) = 0.167 mW/g; SAR(10 g) = 0.121 mW/g

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

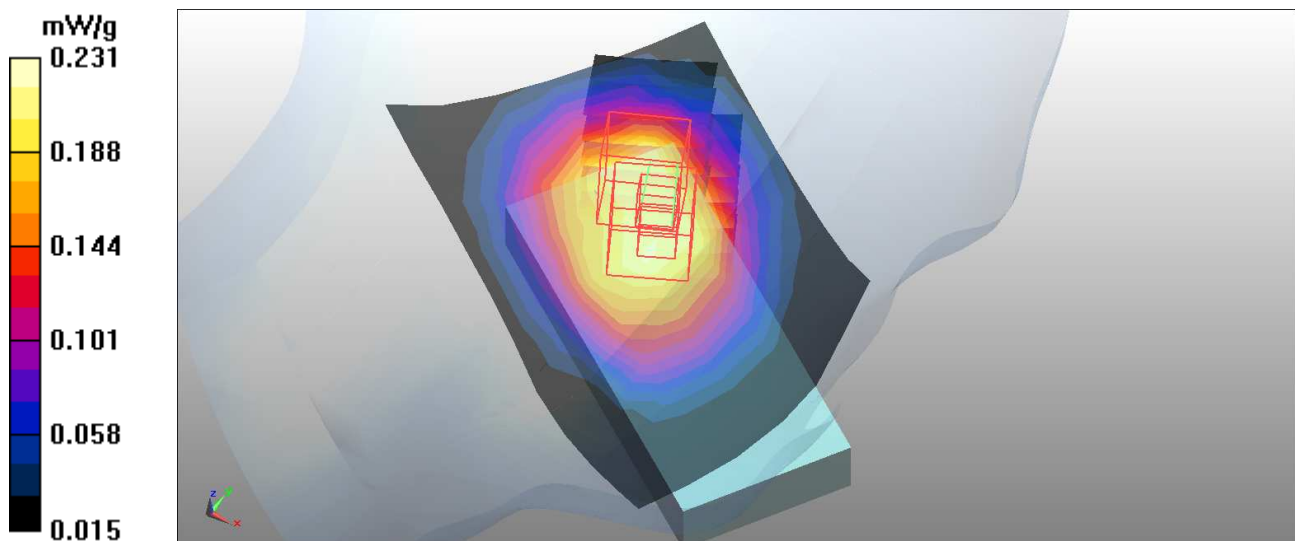
Touch Position - Low Channel 4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.1 V/m; Power Drift = -0.029 dB

Peak SAR (extrapolated) = 0.278 W/kg

SAR(1 g) = 0.188 mW/g; SAR(10 g) = 0.136 mW/g

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



Test Laboratory: Bureau Veritas ADT

M07-Left Head-Cheek-WCDMA850-Ch4182

DUT: Mobile Phone ; Type: F-05C

Communication System: WCDMA Band 5 ; Frequency: 836.4 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 42.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: BPSK

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(9.8, 9.8, 9.8) ; Calibrated: 2010/1/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2010/1/22
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80; SEMCAD X Version 14.0 Build 61

Touch Position - Mid Channel 4182/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.343 mW/g

Touch Position - Mid Channel 4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.6 V/m; Power Drift = -0.078 dB

Peak SAR (extrapolated) = 0.408 W/kg

SAR(1 g) = 0.282 mW/g; SAR(10 g) = 0.197 mW/g

Maximum value of SAR (measured) = 0.350 mW/g

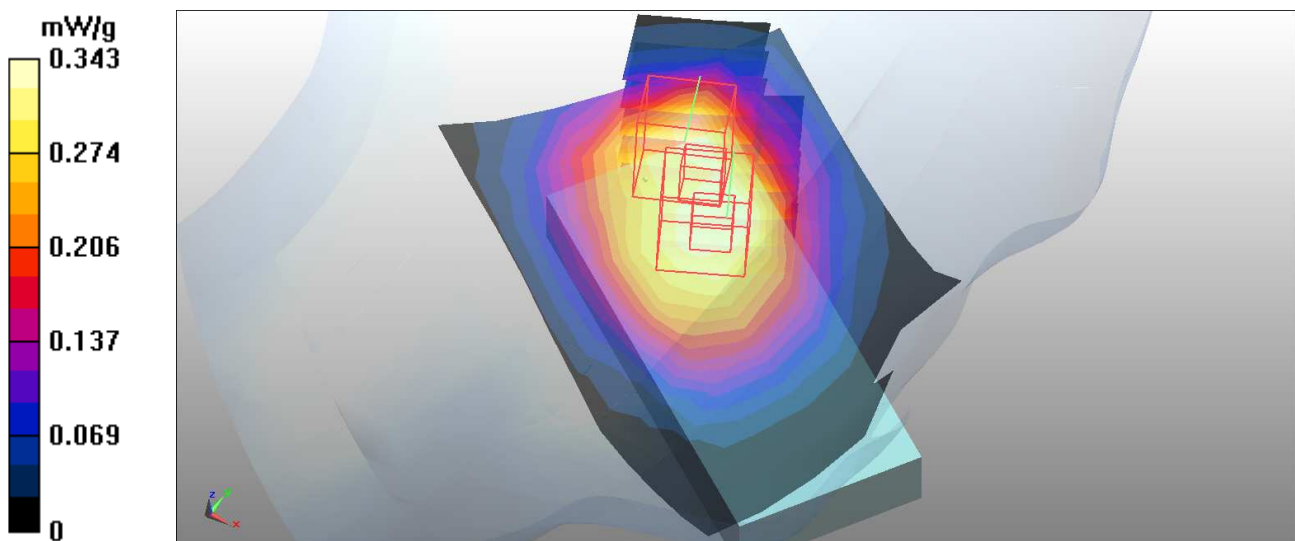
Touch Position - Mid Channel 4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.6 V/m; Power Drift = -0.078 dB

Peak SAR (extrapolated) = 0.392 W/kg

SAR(1 g) = 0.301 mW/g; SAR(10 g) = 0.228 mW/g

Maximum value of SAR (measured) = 0.348 mW/g



Test Laboratory: Bureau Veritas ADT

M07-Left Head-Cheek-WCDMA850-Ch4233**DUT: Mobile Phone ; Type: F-05C**

Communication System: WCDMA Band 5 ; Frequency: 846.6 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used : $f = 846.6$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 42.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: BPSK

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(9.8, 9.8, 9.8) ; Calibrated: 2010/1/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2010/1/22
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80; SEMCAD X Version 14.0 Build 61

Touch Position - High Channel 4233/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Touch Position - High Channel 4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.6 V/m; Power Drift = 0.025 dB

Peak SAR (extrapolated) = 0.517 W/kg

SAR(1 g) = 0.354 mW/g; SAR(10 g) = 0.245 mW/g

Maximum value of SAR (measured) = 0.443 mW/g

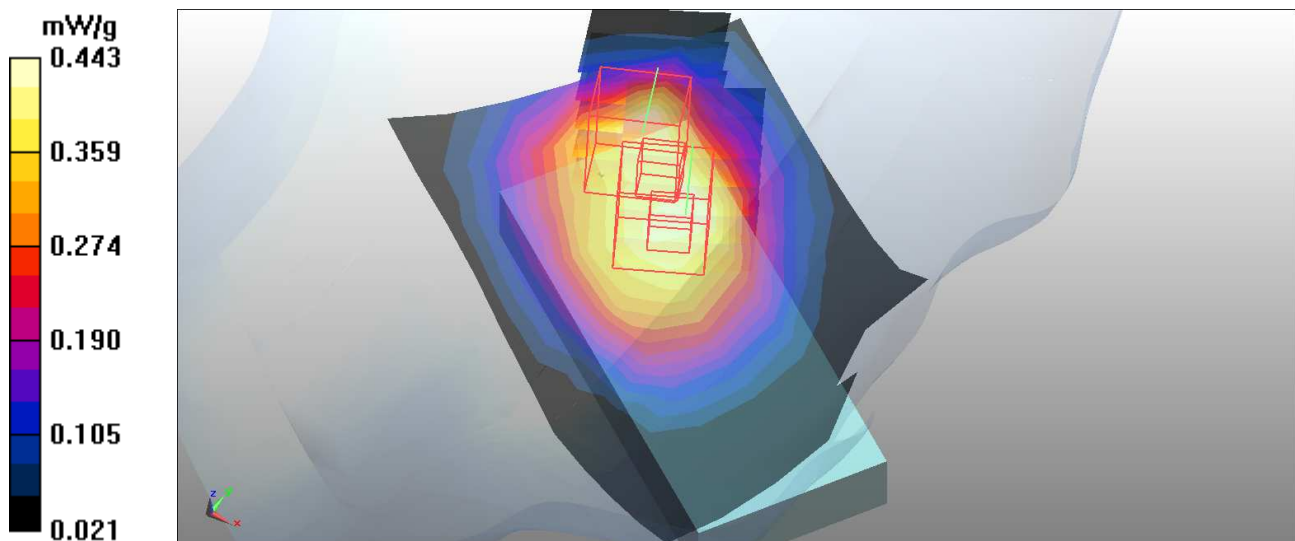
Touch Position - High Channel 4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.6 V/m; Power Drift = 0.025 dB

Peak SAR (extrapolated) = 0.492 W/kg

SAR(1 g) = 0.380 mW/g; SAR(10 g) = 0.291 mW/g

Maximum value of SAR (measured) = 0.437 mW/g



Test Laboratory: Bureau Veritas ADT

M08-Left Head-Tilt-WCDMA850-Ch4132**DUT: Mobile Phone ; Type: F-05C**

Communication System: WCDMA Band 5 ; Frequency: 826.4 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used : $f = 826.4$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 42.8$; $\rho = 1000$ kg/m³

Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: BPSK

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(9.8, 9.8, 9.8) ; Calibrated: 2010/1/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2010/1/22
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80; SEMCAD X Version 14.0 Build 61

Tilt Position - Low Channel 4132/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.191 mW/g

Tilt Position - Low Channel 4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.7 V/m; Power Drift = 0.081 dB

Peak SAR (extrapolated) = 0.282 W/kg

SAR(1 g) = 0.173 mW/g; SAR(10 g) = 0.128 mW/g

Maximum value of SAR (measured) = 0.224 mW/g

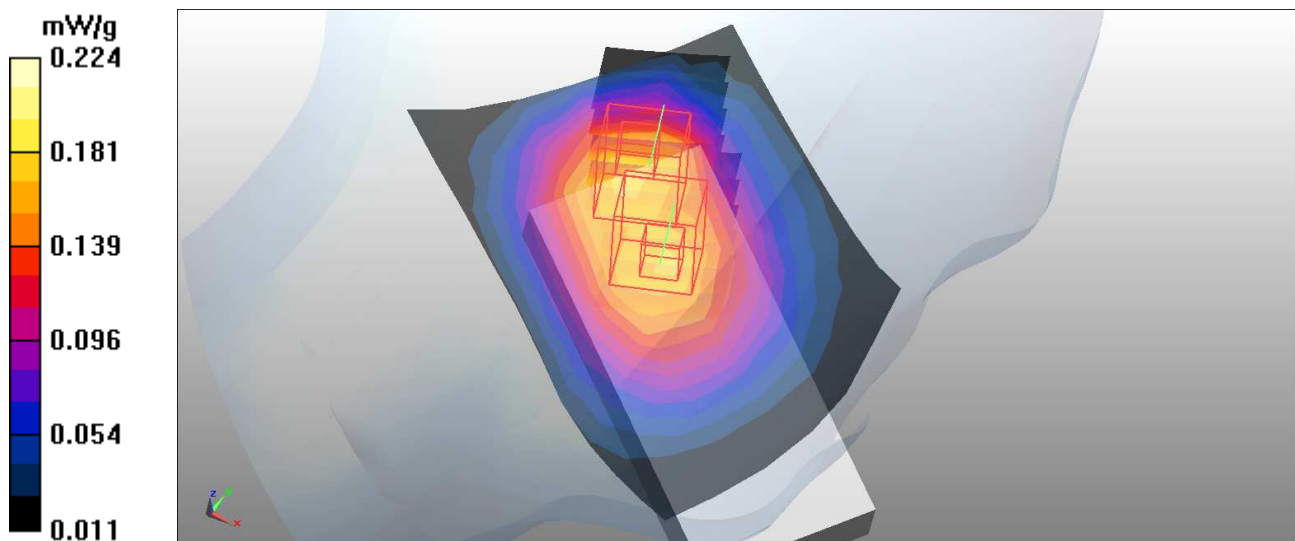
Tilt Position - Low Channel 4132/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.7 V/m; Power Drift = 0.081 dB

Peak SAR (extrapolated) = 0.209 W/kg

SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.118 mW/g

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



Test Laboratory: Bureau Veritas ADT

M08-Left Head-Tilt-WCDMA850-Ch4182

DUT: Mobile Phone ; Type: F-05C

Communication System: WCDMA Band 5 ; Frequency: 836.4 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: $f = 836.4 \text{ MHz}$; $\sigma = 0.93 \text{ mho/m}$; $\epsilon_r = 42.6$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: BPSK

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(9.8, 9.8, 9.8) ; Calibrated: 2010/1/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2010/1/22
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80; SEMCAD X Version 14.0 Build 61

Tilt Position - Mid Channel 4182/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.300 mW/g

Tilt Position - Mid Channel 4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.1 V/m; Power Drift = -0.053 dB

Peak SAR (extrapolated) = 0.430 W/kg

SAR(1 g) = 0.266 mW/g; SAR(10 g) = 0.190 mW/g

Maximum value of SAR (measured) = 0.344 mW/g

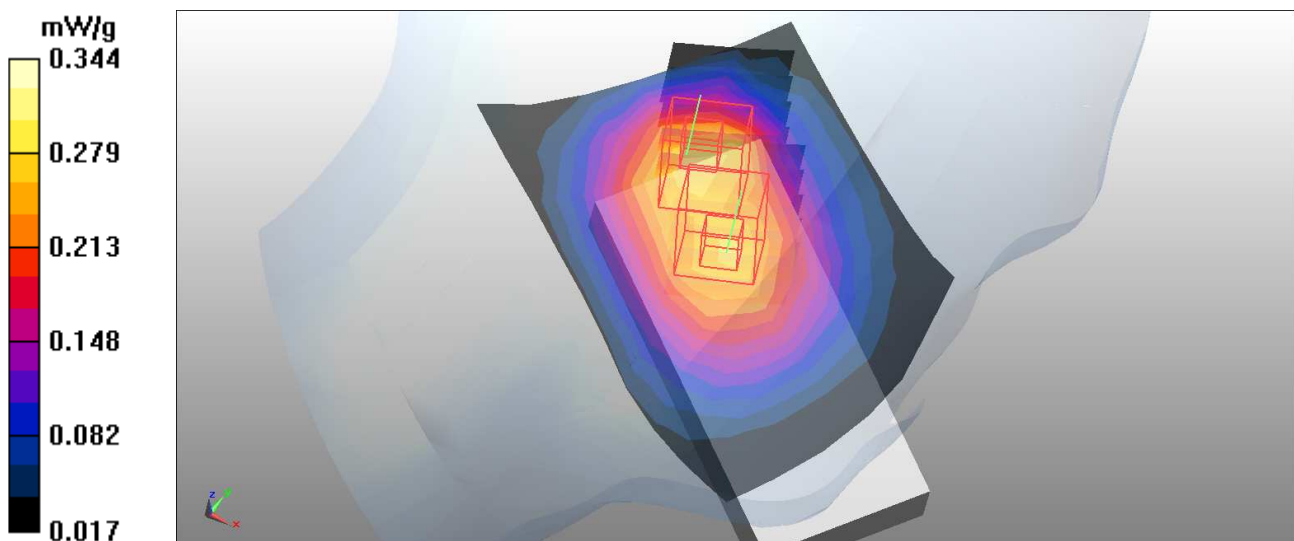
Tilt Position - Mid Channel 4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.1 V/m; Power Drift = -0.053 dB

Peak SAR (extrapolated) = 0.312 W/kg

SAR(1 g) = 0.249 mW/g; SAR(10 g) = 0.180 mW/g

Maximum value of SAR (measured) = 0.286 mW/g



Test Laboratory: Bureau Veritas ADT

M08-Left Head-Tilt-WCDMA850-Ch4233

DUT: Mobile Phone ; Type: F-05C

Communication System: WCDMA Band 5 ; Frequency: 846.6 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used : $f = 846.6 \text{ MHz}$; $\sigma = 0.94 \text{ mho/m}$; $\epsilon_r = 42.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: BPSK

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(9.8, 9.8, 9.8) ; Calibrated: 2010/1/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2010/1/22
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80; SEMCAD X Version 14.0 Build 61

Tilt Position - High Channel 4233/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.355 mW/g

Tilt Position - High Channel 4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 19.9 V/m; Power Drift = -0.116 dB

Peak SAR (extrapolated) = 0.513 W/kg

SAR(1 g) = 0.318 mW/g; SAR(10 g) = 0.226 mW/g

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

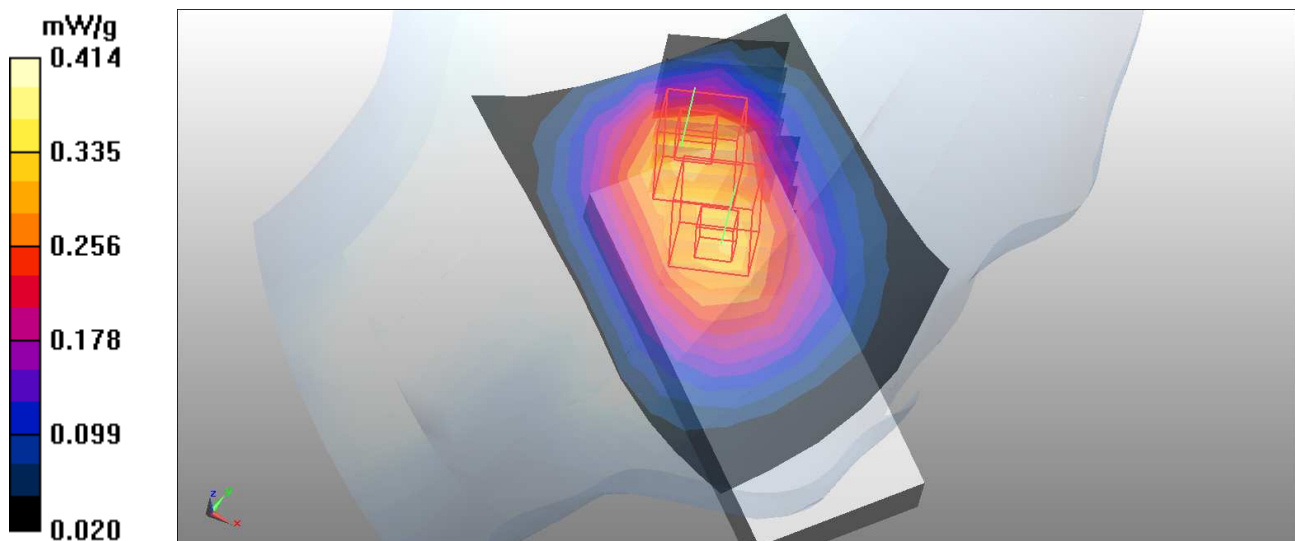
Tilt Position - High Channel 4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 19.9 V/m; Power Drift = -0.116 dB

Peak SAR (extrapolated) = 0.373 W/kg

SAR(1 g) = 0.297 mW/g; SAR(10 g) = 0.213 mW/g

Maximum value of SAR (measured) = 0.342 mW/g



Test Laboratory: Bureau Veritas ADT

M09-Body-WCDMA850-Ch4132 / LCD Down

DUT: Mobile Phone ; Type: F-05C

Communication System: WCDMA Band 5 ; Frequency: 826.4 MHz ; Duty Cycle: 1:1
 Medium: MSL835 Medium parameters used : $f = 826.4 \text{ MHz}$; $\sigma = 0.98 \text{ mho/m}$; $\epsilon_r = 56.5$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: BPSK
 Separation Distance : 15 mm (The bottom side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(9.83, 9.83, 9.83) ; Calibrated: 2010/1/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2010/1/22
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80; SEMCAD X Version 14.0 Build 61

Low Channel 4132/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.451 mW/g

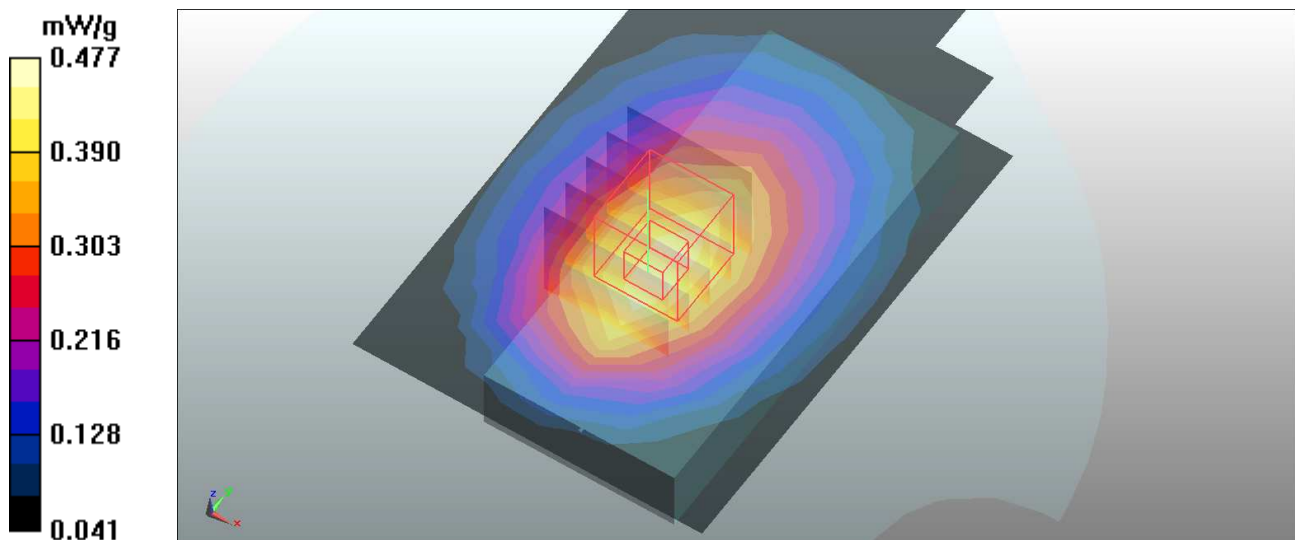
Low Channel 4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$,
 $dz=5\text{mm}$

Reference Value = 15.2 V/m; Power Drift = 0.161 dB

Peak SAR (extrapolated) = 0.544 W/kg

SAR(1 g) = 0.395 mW/g; SAR(10 g) = 0.280 mW/g

Maximum value of SAR (measured) = 0.477 mW/g



Test Laboratory: Bureau Veritas ADT

M09-Body-WCDMA850-Ch4182 / LCD Down**DUT: Mobile Phone ; Type: F-05C**

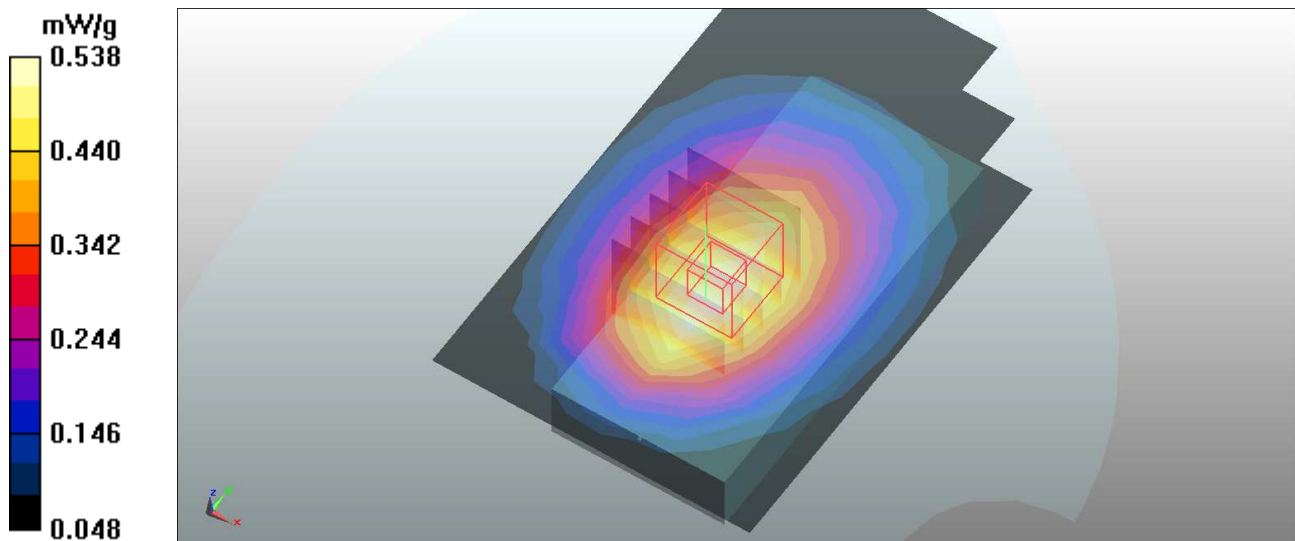
Communication System: WCDMA Band 5 ; Frequency: 836.4 MHz ; Duty Cycle: 1:1
Medium: MSL835 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 56.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: BPSK
Separation Distance : 15 mm (The bottom side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(9.83, 9.83, 9.83) ; Calibrated: 2010/1/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2010/1/22
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80; SEMCAD X Version 14.0 Build 61

Mid Channel 4182/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.539 mW/g

Mid Channel 4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.5 V/m; Power Drift = -0.128 dB
Peak SAR (extrapolated) = 0.613 W/kg
SAR(1 g) = 0.450 mW/g; SAR(10 g) = 0.320 mW/g
Maximum value of SAR (measured) = 0.538 mW/g



Test Laboratory: Bureau Veritas ADT

M09-Body-WCDMA850-Ch4233 / LCD Down

DUT: Mobile Phone ; Type: F-05C

Communication System: WCDMA Band 5 ; Frequency: 846.6 MHz ; Duty Cycle: 1:1
 Medium: MSL835 Medium parameters used : $f = 846.6 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 56.2$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: BPSK
 Separation Distance : 15 mm (The bottom side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(9.83, 9.83, 9.83) ; Calibrated: 2010/1/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2010/1/22
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80; SEMCAD X Version 14.0 Build 61

High Channel 4233/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.573 mW/g

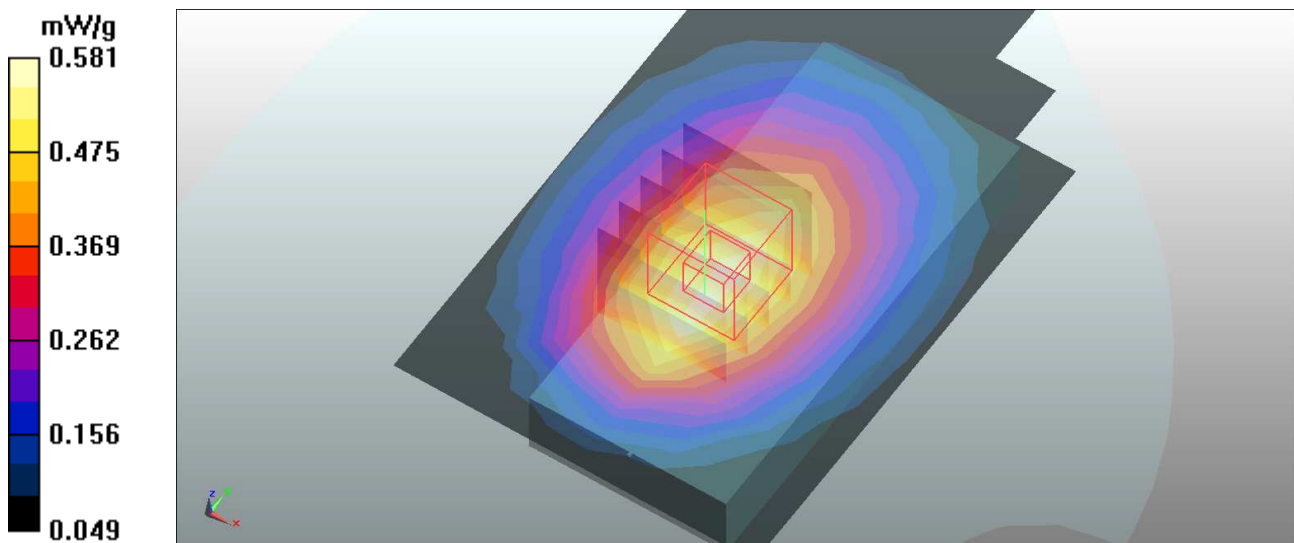
High Channel 4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$,
 $dz=5\text{mm}$

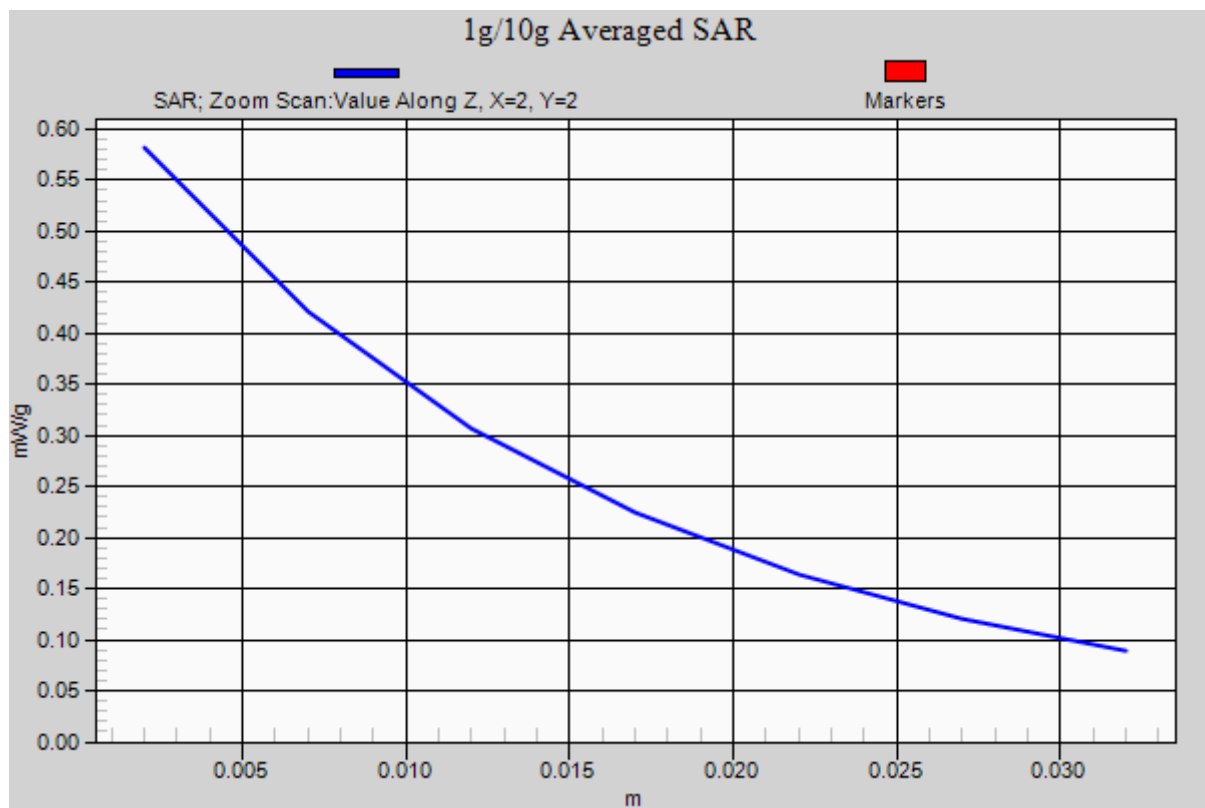
Reference Value = 17 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 0.664 W/kg

SAR(1 g) = 0.485 mW/g; SAR(10 g) = 0.344 mW/g

Maximum value of SAR (measured) = 0.581 mW/g





Test Laboratory: Bureau Veritas ADT

M10-Body-WCDMA850-Ch4132 / LCD up**DUT: Mobile Phone ; Type: F-05C**

Communication System: WCDMA Band 5 ; Frequency: 826.4 MHz ; Duty Cycle: 1:1
Medium: MSL835 Medium parameters used : $f = 826.4$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 56.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: BPSK
Separation Distance : 15 mm (The front side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(9.83, 9.83, 9.83) ; Calibrated: 2010/1/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2010/1/22
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80; SEMCAD X Version 14.0 Build 61

Low Channel 4132/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.195 mW/g

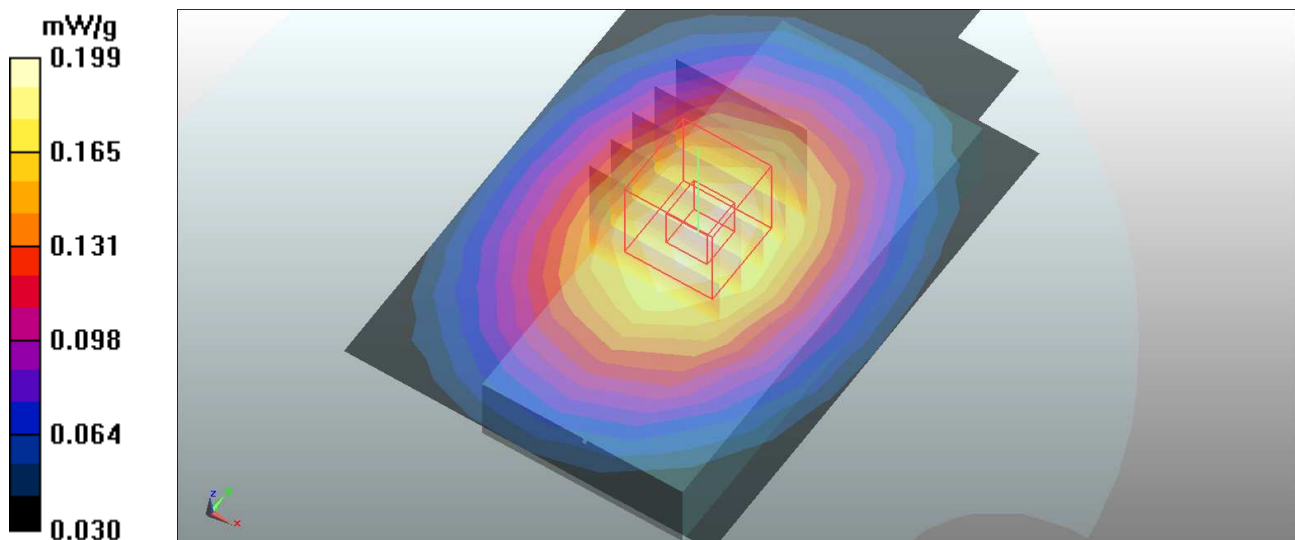
Low Channel 4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.1 V/m; Power Drift = 0.100 dB

Peak SAR (extrapolated) = 0.220 W/kg

SAR(1 g) = 0.171 mW/g; SAR(10 g) = 0.128 mW/g

Maximum value of SAR (measured) = 0.199 mW/g



Test Laboratory: Bureau Veritas ADT

M10-Body-WCDMA850-Ch4182 / LCD up

DUT: Mobile Phone ; Type: F-05C

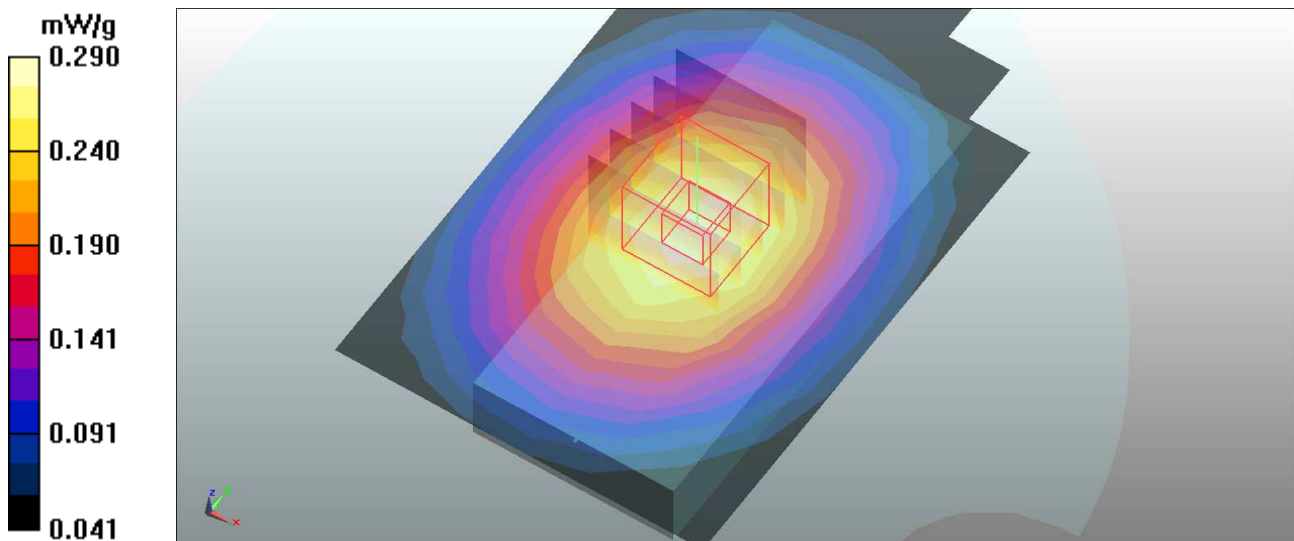
Communication System: WCDMA Band 5 ; Frequency: 836.4 MHz ; Duty Cycle: 1:1
Medium: MSL835 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 56.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: BPSK
Separation Distance : 15 mm (The front side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(9.83, 9.83, 9.83) ; Calibrated: 2010/1/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2010/1/22
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80; SEMCAD X Version 14.0 Build 61

Mid Channel 4182/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.285 mW/g

Mid Channel 4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12 V/m; Power Drift = -0.057 dB
Peak SAR (extrapolated) = 0.322 W/kg
SAR(1 g) = 0.248 mW/g; SAR(10 g) = 0.184 mW/g
Maximum value of SAR (measured) = 0.290 mW/g



Test Laboratory: Bureau Veritas ADT

M10-Body-WCDMA850-ch4233 / LCD up**DUT: Mobile Phone ; Type: F-05C**

Communication System: WCDMA Band 5 ; Frequency: 846.6 MHz ; Duty Cycle: 1:1

Medium: MSL835 Medium parameters used : $f = 846.6$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 56.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: BPSK

Separation Distance : 15 mm (The front side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(9.83, 9.83, 9.83) ; Calibrated: 2010/1/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2010/1/22
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80; SEMCAD X Version 14.0 Build 61

High Channel 4233/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.326 mW/g

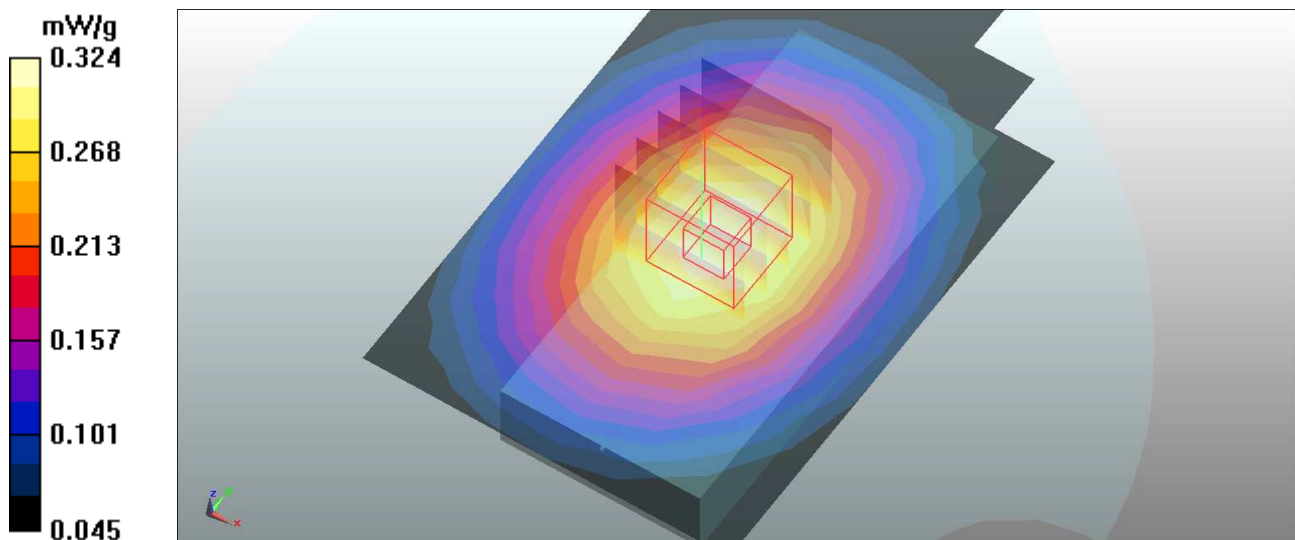
High Channel 4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.6 V/m; Power Drift = -0.073 dB

Peak SAR (extrapolated) = 0.362 W/kg

SAR(1 g) = 0.279 mW/g; SAR(10 g) = 0.208 mW/g

Maximum value of SAR (measured) = 0.324 mW/g



Test Laboratory: Bureau Veritas ADT

M11-Body-HSDPA850-Ch4132 / LCD Down

DUT: Mobile Phone ; Type: F-05C

Communication System: WCDMA Band 5 ; Frequency: 826.4 MHz ; Duty Cycle: 1:1
 Medium: MSL835 Medium parameters used : $f = 826.4 \text{ MHz}$; $\sigma = 0.98 \text{ mho/m}$; $\epsilon_r = 56.5$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: QPSK
 Separation Distance : 15 mm (The bottom side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(9.83, 9.83, 9.83) ; Calibrated: 2010/1/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2010/1/22
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80; SEMCAD X Version 14.0 Build 61

Low Channel 4132/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.361 mW/g

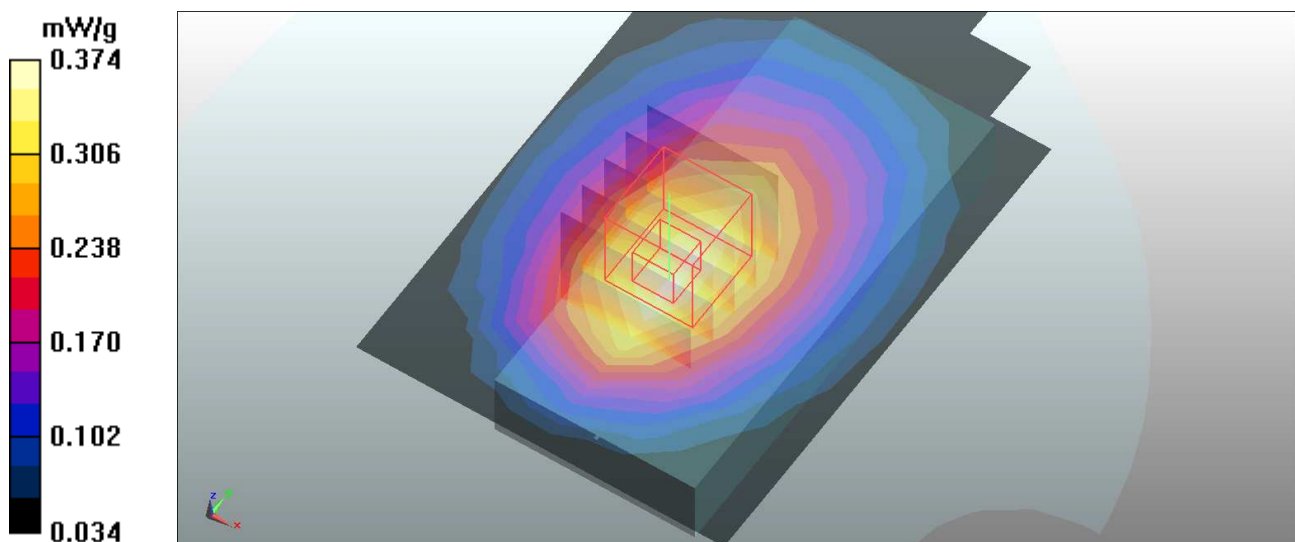
Low Channel 4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$,
 $dz=5\text{mm}$

Reference Value = 14.6 V/m; Power Drift = 0.105 dB

Peak SAR (extrapolated) = 0.428 W/kg

SAR(1 g) = 0.311 mW/g; SAR(10 g) = 0.222 mW/g

Maximum value of SAR (measured) = 0.374 mW/g



Test Laboratory: Bureau Veritas ADT

M11-Body-HSDPA850-Ch4182 / LCD down

DUT: Mobile Phone ; Type: F-05C

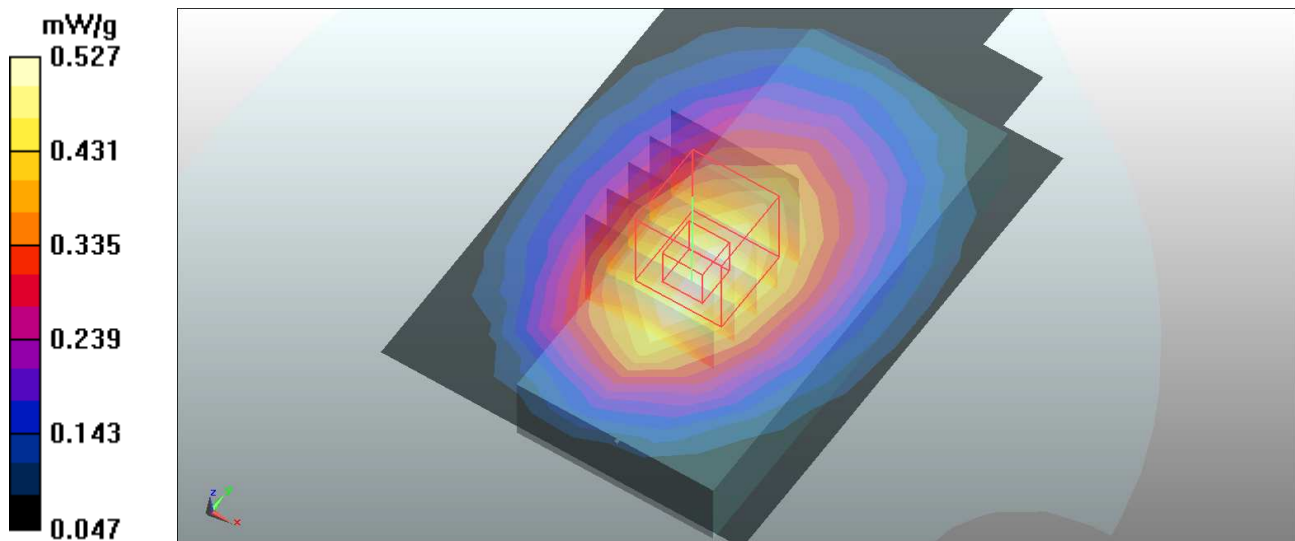
Communication System: WCDMA Band 5 ; Frequency: 836.4 MHz ; Duty Cycle: 1:1
Medium: MSL835 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 56.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: QPSK
Separation Distance : 15 mm (The bottom side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(9.83, 9.83, 9.83) ; Calibrated: 2010/1/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2010/1/22
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80; SEMCAD X Version 14.0 Build 61

Mid Channel 4182/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.517 mW/g

Mid Channel 4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17 V/m; Power Drift = -0.158 dB
Peak SAR (extrapolated) = 0.600 W/kg
SAR(1 g) = 0.438 mW/g; SAR(10 g) = 0.312 mW/g
Maximum value of SAR (measured) = 0.527 mW/g



Test Laboratory: Bureau Veritas ADT

M11-Body-HSDPA850-Ch4233 / LCD Down

DUT: Mobile Phone ; Type: F-05C

Communication System: WCDMA Band 5 ; Frequency: 846.6 MHz ; Duty Cycle: 1:1
 Medium: MSL835 Medium parameters used : $f = 846.6 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 56.2$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: QPSK
 Separation Distance : 15 mm (The bottom side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(9.83, 9.83, 9.83) ; Calibrated: 2010/1/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2010/1/22
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80; SEMCAD X Version 14.0 Build 61

High Channel 4233/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.542 mW/g

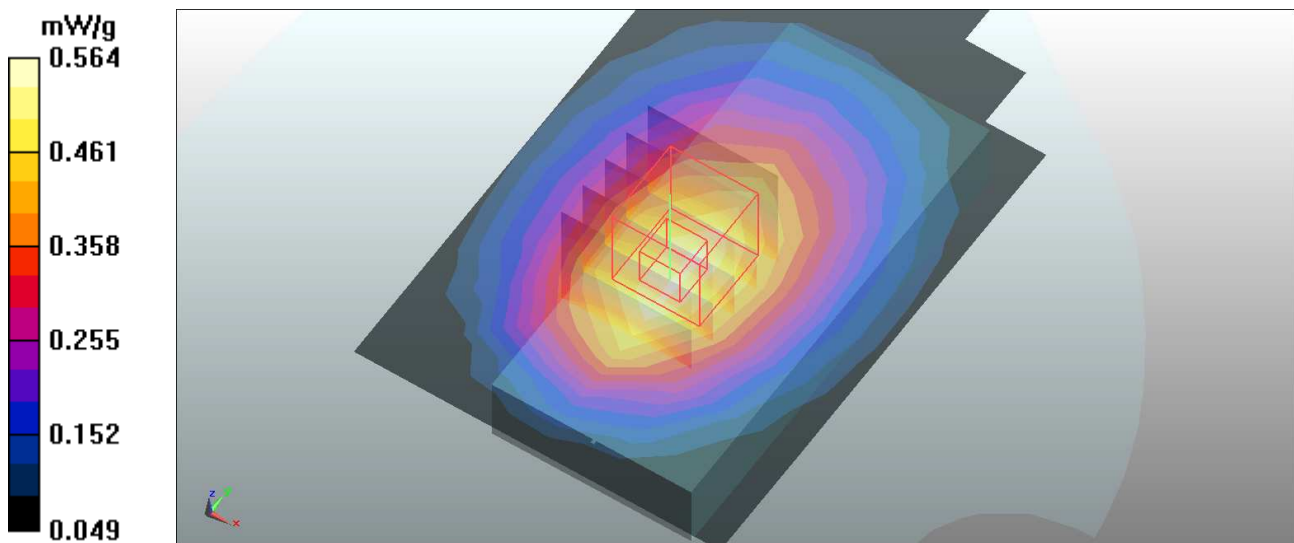
High Channel 4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$,
 $dz=5\text{mm}$

Reference Value = 17.1 V/m; Power Drift = 0.052 dB

Peak SAR (extrapolated) = 0.642 W/kg

SAR(1 g) = 0.467 mW/g; SAR(10 g) = 0.332 mW/g

Maximum value of SAR (measured) = 0.564 mW/g



Test Laboratory: Bureau Veritas ADT

M12-Body-HSDPA850-Ch4132 / LCD up

DUT: Mobile Phone ; Type: F-05C

Communication System: WCDMA Band 5 ; Frequency: 826.4 MHz ; Duty Cycle: 1:1

Medium: MSL835 Medium parameters used : $f = 826.4$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 56.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: QPSK

Separation Distance : 15 mm (The front side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(9.83, 9.83, 9.83) ; Calibrated: 2010/1/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2010/1/22
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80; SEMCAD X Version 14.0 Build 61

Low Channel 4132/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.158 mW/g

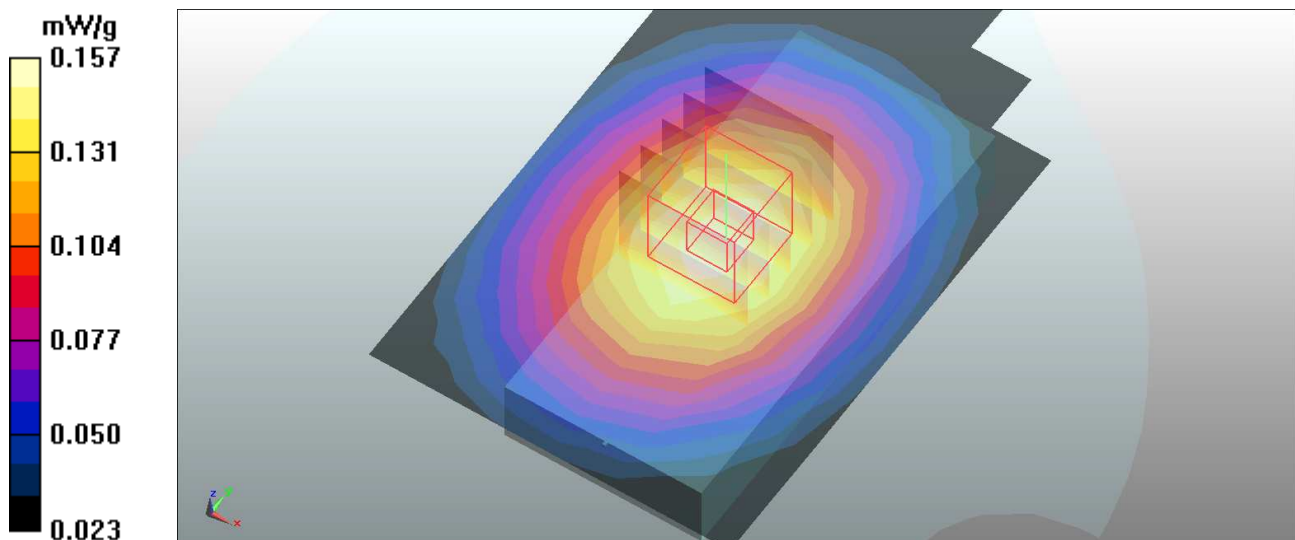
Low Channel 4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.23 V/m; Power Drift = -0.101 dB

Peak SAR (extrapolated) = 0.174 W/kg

SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.101 mW/g

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



Test Laboratory: Bureau Veritas ADT

M12-Body-HSDPA850-Ch4182 / LCD up

DUT: Mobile Phone ; Type: F-05C

Communication System: WCDMA Band 5 ; Frequency: 836.4 MHz ; Duty Cycle: 1:1

Medium: MSL835 Medium parameters used: $f = 836.4 \text{ MHz}$; $\sigma = 0.99 \text{ mho/m}$; $\epsilon_r = 56.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: QPSK

Separation Distance : 15 mm (The front side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(9.83, 9.83, 9.83) ; Calibrated: 2010/1/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2010/1/22
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80; SEMCAD X Version 14.0 Build 61

Mid Channel 4182/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

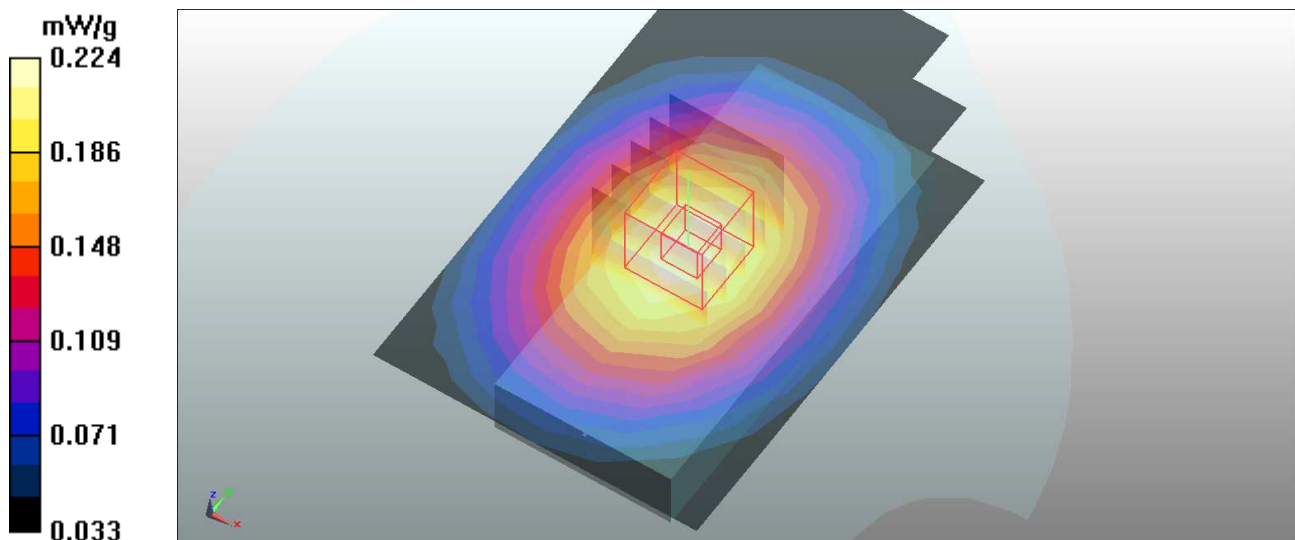
Maximum value of SAR (measured) = 0.224 mW/g

Mid Channel 4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.8 V/m; Power Drift = -0.036 dB

Peak SAR (extrapolated) = 0.249 W/kg

SAR(1 g) = **0.193 mW/g**; SAR(10 g) = 0.144 mW/g



Test Laboratory: Bureau Veritas ADT

M12-Body-HSDPA850-Ch4233 / LCD up

DUT: Mobile Phone ; Type: F-05C

Communication System: WCDMA Band 5 ; Frequency: 846.6 MHz ; Duty Cycle: 1:1
Medium: MSL835 Medium parameters used : $f = 846.6 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 56.2$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: QPSK
Separation Distance : 15 mm (The front side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(9.83, 9.83, 9.83) ; Calibrated: 2010/1/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2010/1/22
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80; SEMCAD X Version 14.0 Build 61

High Channel 4233/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.250 mW/g

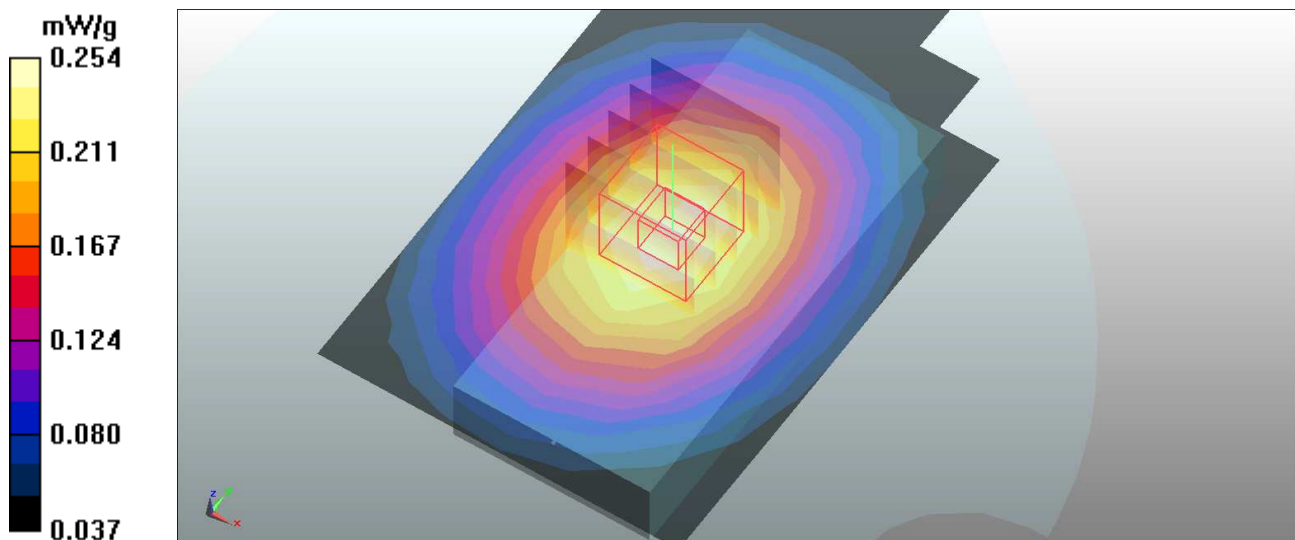
High Channel 4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$,
 $dz=5\text{mm}$

Reference Value = 11.2 V/m; Power Drift = -0.00608 dB

Peak SAR (extrapolated) = 0.283 W/kg

SAR(1 g) = 0.218 mW/g; SAR(10 g) = 0.161 mW/g

Maximum value of SAR (measured) = 0.254 mW/g



Test Laboratory: Bureau Veritas ADT

System Validation Check-HSL 835MHz

DUT: Dipole 850 MHz ; Type: D835V2 ; Serial: 4d021 ; Test Frequency: 835 MHz

Communication System: CW ; Frequency: 835 MHz; Duty Cycle: 1:1; Modulation type: CW
 Medium: HSL835; Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.92 \text{ mho/m}$; $\epsilon_r = 42.7$; $\rho = 1000 \text{ kg/m}^3$;
 Liquid level : 150 mm
 Phantom section: Flat Section ; Separation distance : 15 mm (The feetpoint of the dipole to the Phantom)
 Air temp. : 23.0 degrees ; Liquid temp. : 21.9 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(9.8, 9.8, 9.8) ; Calibrated: 2010/1/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2010/1/22
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80; SEMCAD X Version 14.0 Build 61

d=15mm, Pin=250mW/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.42 mW/g

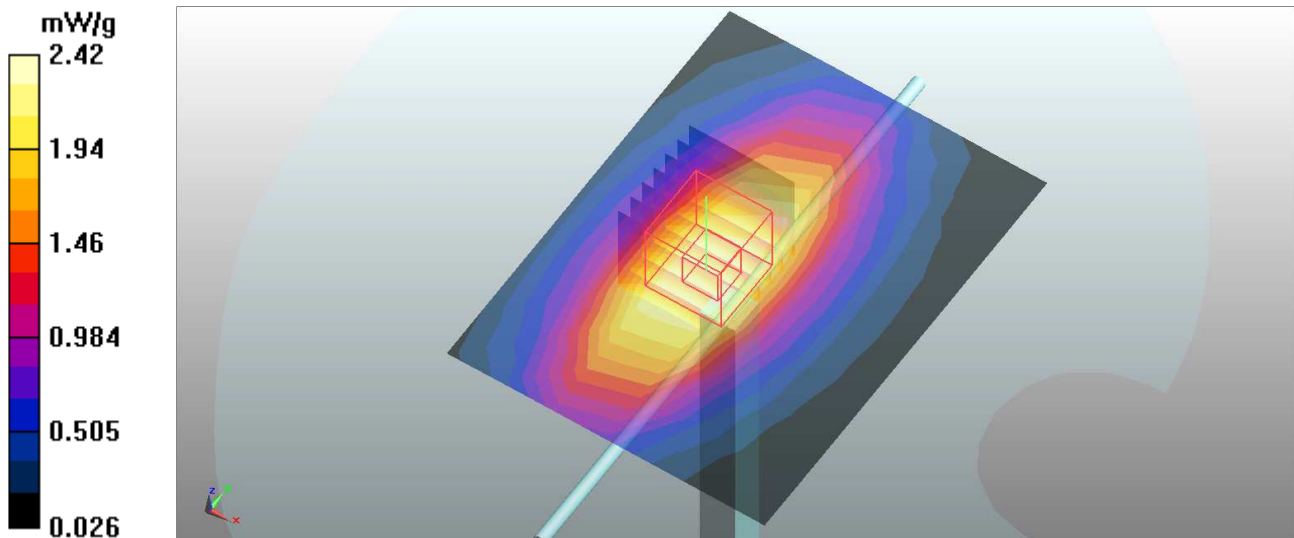
d=15mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 54.3 V/m; Power Drift = -0.052 dB

Peak SAR (extrapolated) = 3.5 W/kg

SAR(1 g) = 2.34 mW/g; SAR(10 g) = 1.54 mW/g

Maximum value of SAR (measured) = 2.72 mW/g



Test Laboratory: Bureau Veritas ADT

System Validation Check-MSL 835MHz

DUT: Dipole 850 MHz ; Type: D835V2 ; Serial: 4d021 ; Test Frequency: 835 MHz

Communication System: CW ; Frequency: 835 MHz; Duty Cycle: 1:1; Modulation type: CW
 Medium: MSL835; Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.99 \text{ mho/m}$; $\epsilon_r = 56.3$; $\rho = 1000 \text{ kg/m}^3$;
 Liquid level : 150 mm
 Phantom section: Flat Section ; Separation distance : 15 mm (The feetpoint of the dipole to the Phantom)
 Air temp. : 23.1 degrees ; Liquid temp. : 22.3 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(9.83, 9.83, 9.83) ; Calibrated: 2010/1/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2010/1/22
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80; SEMCAD X Version 14.0 Build 61

d=15mm, Pin=250mW/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.39 mW/g

d=15mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 53.2 V/m; Power Drift = 0.00562 dB

Peak SAR (extrapolated) = 3.62 W/kg

SAR(1 g) = 2.41 mW/g; SAR(10 g) = 1.58 mW/g

Maximum value of SAR (measured) = 2.83 mW/g

