

P01 GSM850_GPRS10_Right Cheek_Ch128_ANT-1_Sample1

DUT: 130408C19

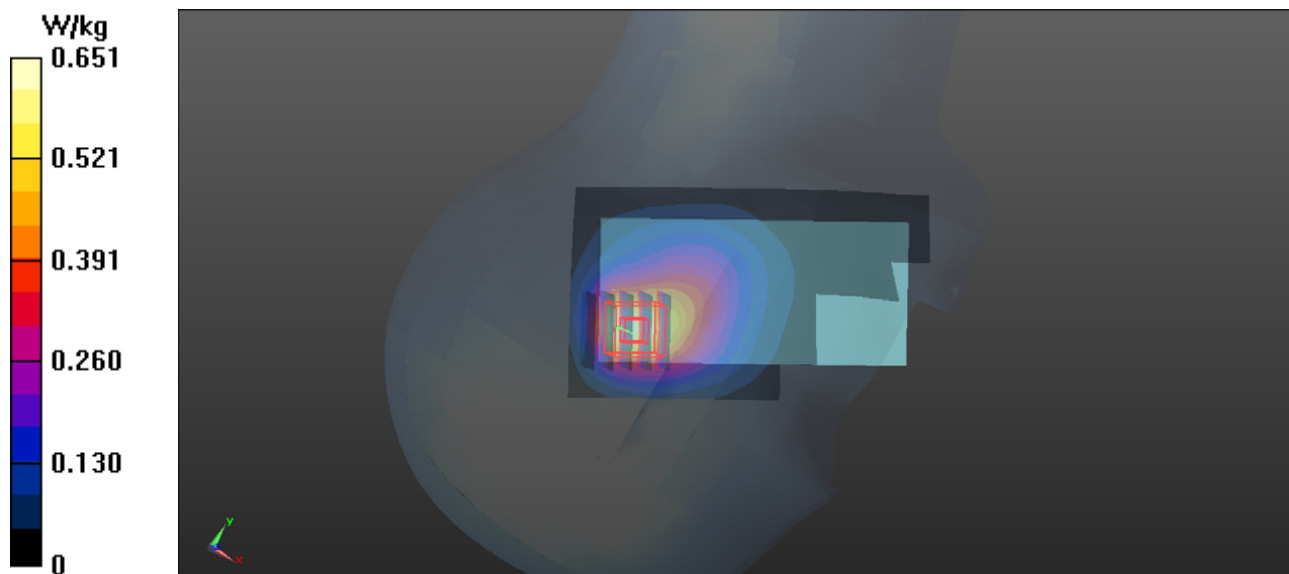
Communication System: GPRS10; Frequency: 824.2 MHz; Duty Cycle: 1:4
Medium: H835_0430 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 42.555$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(9.8, 9.8, 9.8); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Ch128/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.684 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.737 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.879 W/kg
SAR(1 g) = 0.506 W/kg; SAR(10 g) = 0.302 W/kg
Maximum value of SAR (measured) = 0.651 W/kg



P02 GSM1900_GPRS10_Left Cheek_Ch661_ANT-0_Sample1

DUT: 130408C19

Communication System: GPRS10; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: H1900_0430 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.411$ S/m; $\epsilon_r = 40.312$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(7.42, 7.42, 7.42); Calibrated: 2012/06/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2013/03/19
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Ch661/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.680 W/kg

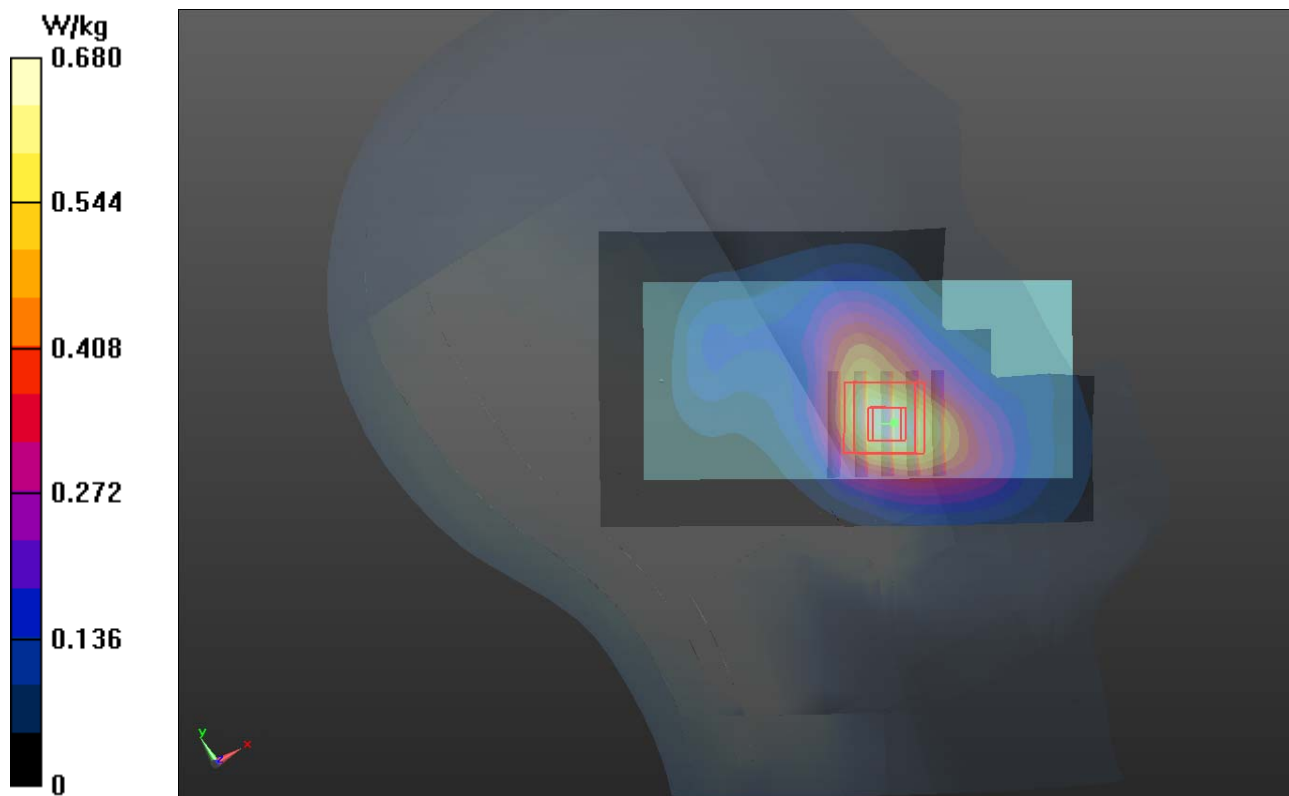
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.131 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.794 W/kg

SAR(1 g) = 0.534 W/kg; SAR(10 g) = 0.329 W/kg

Maximum value of SAR (measured) = 0.675 W/kg



P03 WCDMA II_RMC12.2K_Left Cheek_ANT-0_Sample1

DUT: 130408C19

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: H1900_0430 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.411$ S/m; $\epsilon_r = 40.312$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(7.42, 7.42, 7.42); Calibrated: 2012/06/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2013/03/19
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Ch9400/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.08 W/kg

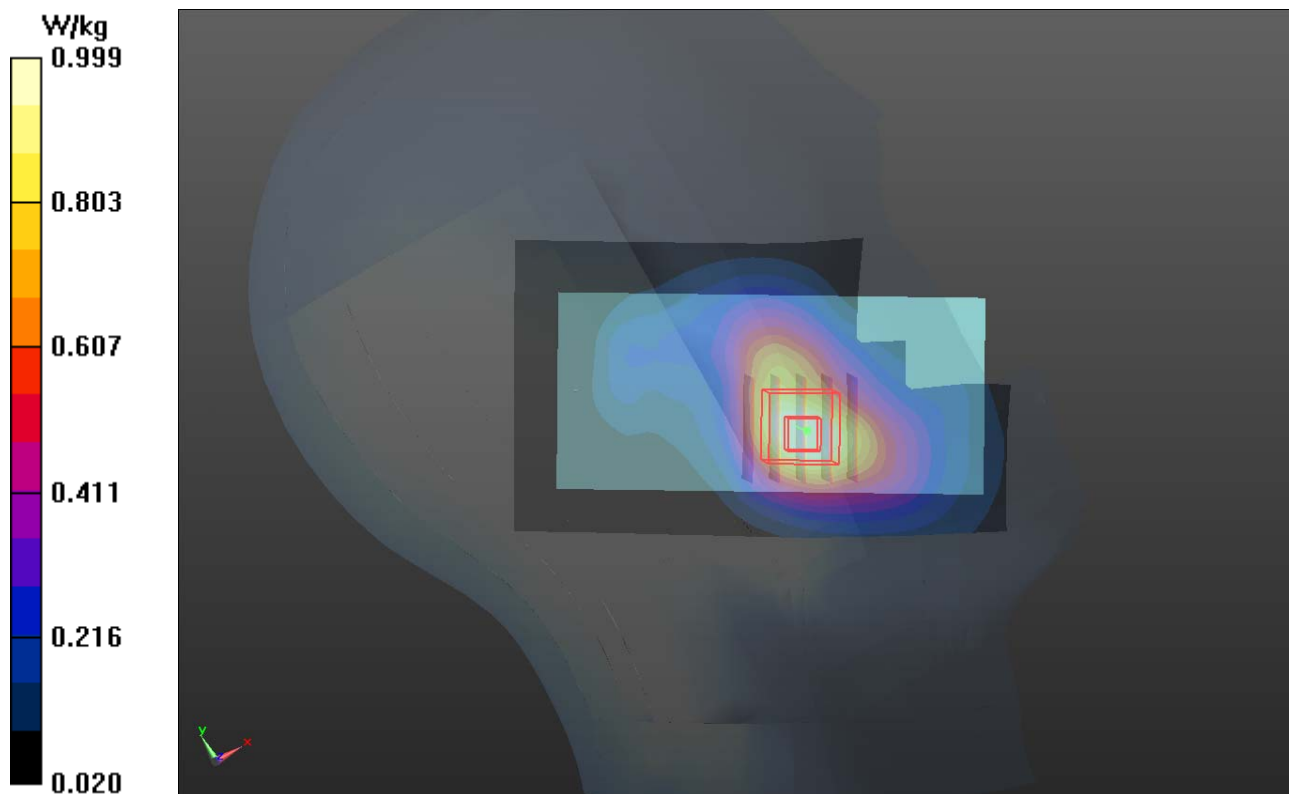
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.161 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.803 W/kg; SAR(10 g) = 0.503 W/kg

Maximum value of SAR (measured) = 0.999 W/kg



P04 WCDMA V_RMC12.2K_Left Cheek_Ch4233_ANT-0_Sample1

DUT: 130408C19

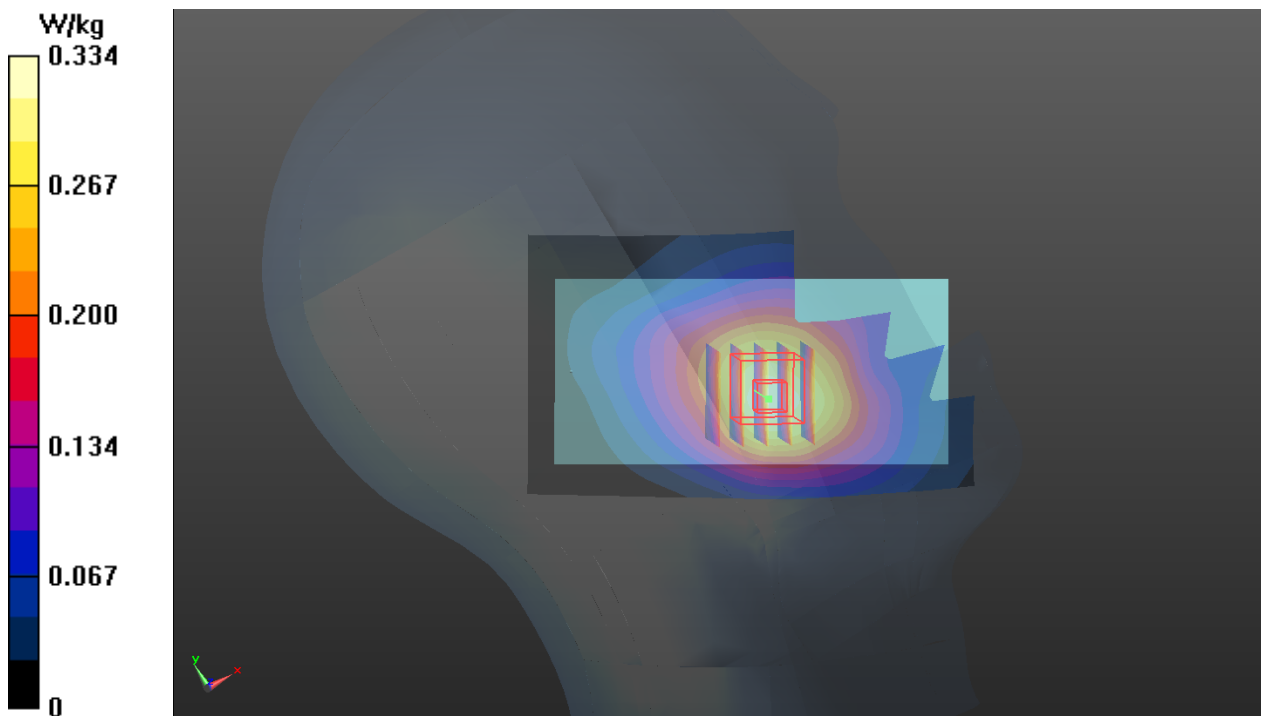
Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: H835_0502 Medium parameters used: $f = 847$ MHz; $\sigma = 0.898$ S/m; $\epsilon_r = 42.33$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.5 °C; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.52, 10.52, 10.52); Calibrated: 2013/02/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013/01/16
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Ch4233/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.334 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.270 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.361 W/kg
SAR(1 g) = 0.288 W/kg; SAR(10 g) = 0.219 W/kg
Maximum value of SAR (measured) = 0.328 W/kg



P05 LTE 2_QPSK_10M_Left Cheek_Ch18900_ANT-0_1RB_OS0_Sample1

DUT: 130408C19

Communication System: LTE 2; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: H1900_0429 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.419$ S/m; $\epsilon_r = 40.531$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(7.42, 7.42, 7.42); Calibrated: 2012/06/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2013/03/19
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Ch18900/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.828 W/kg

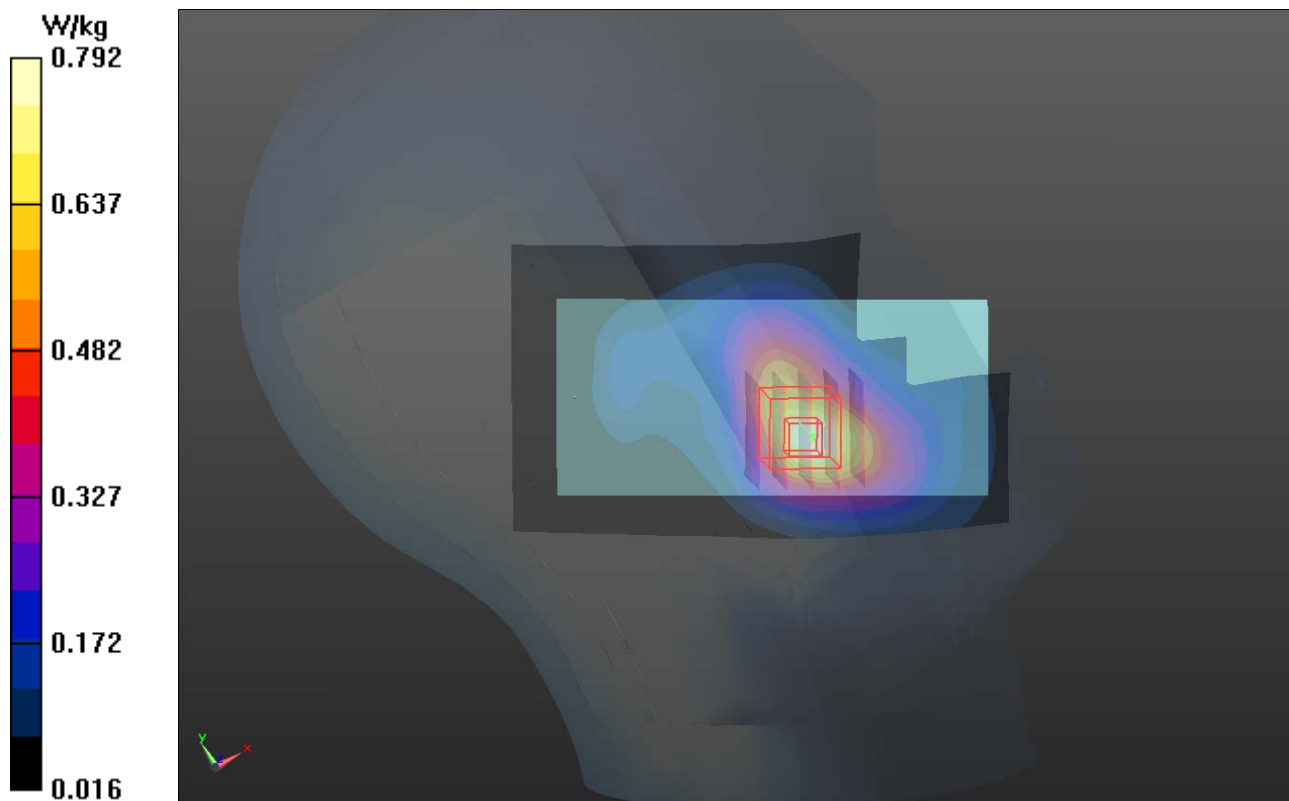
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.840 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.937 W/kg

SAR(1 g) = 0.640 W/kg; SAR(10 g) = 0.393 W/kg

Maximum value of SAR (measured) = 0.792 W/kg



P06 LTE 4_QPSK_10M_Left Cheek_Ch20000_ANT-0_1RB_OS0_Sample1

DUT: 130408C19

Communication System: LTE 4; Frequency: 1715 MHz; Duty Cycle: 1:1

Medium: H1750_0429 Medium parameters used: $f = 1715$ MHz; $\sigma = 1.325$ S/m; $\epsilon_r = 41.546$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1 °C ; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(7.7, 7.7, 7.7); Calibrated: 2012/06/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2013/03/19
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Ch20000/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.34 W/kg

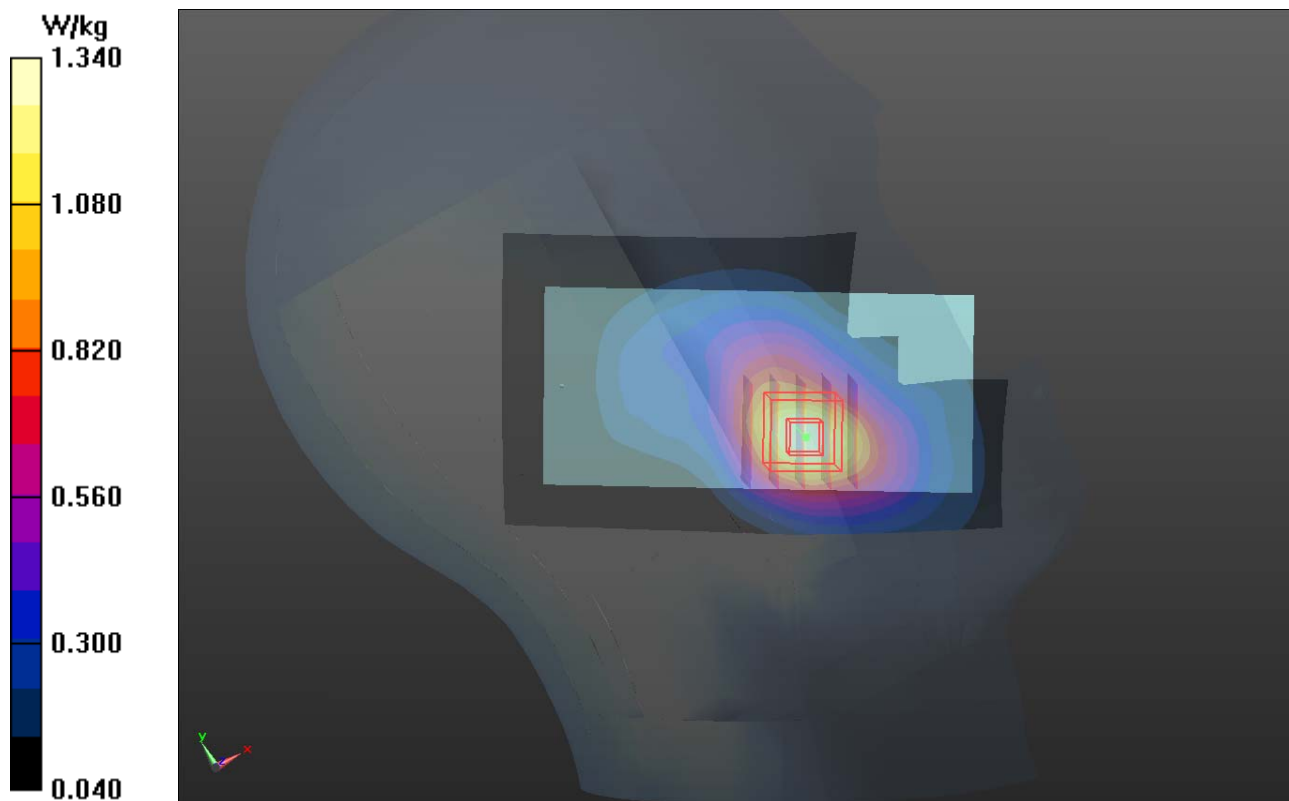
Ch20000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.608 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.687 W/kg

Maximum value of SAR (measured) = 1.34 W/kg



P07 LTE 5_QPSK_10M_Right Cheek_Ch20450_1RB_OS24_ANT-1_Sample1

DUT: 130408C19

Communication System: LTE; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: H835_0502 Medium parameters used: $f = 829$ MHz; $\sigma = 0.882$ S/m; $\epsilon_r = 42.533$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.52, 10.52, 10.52); Calibrated: 2013/02/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013/01/16
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Ch20450/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.338 W/kg

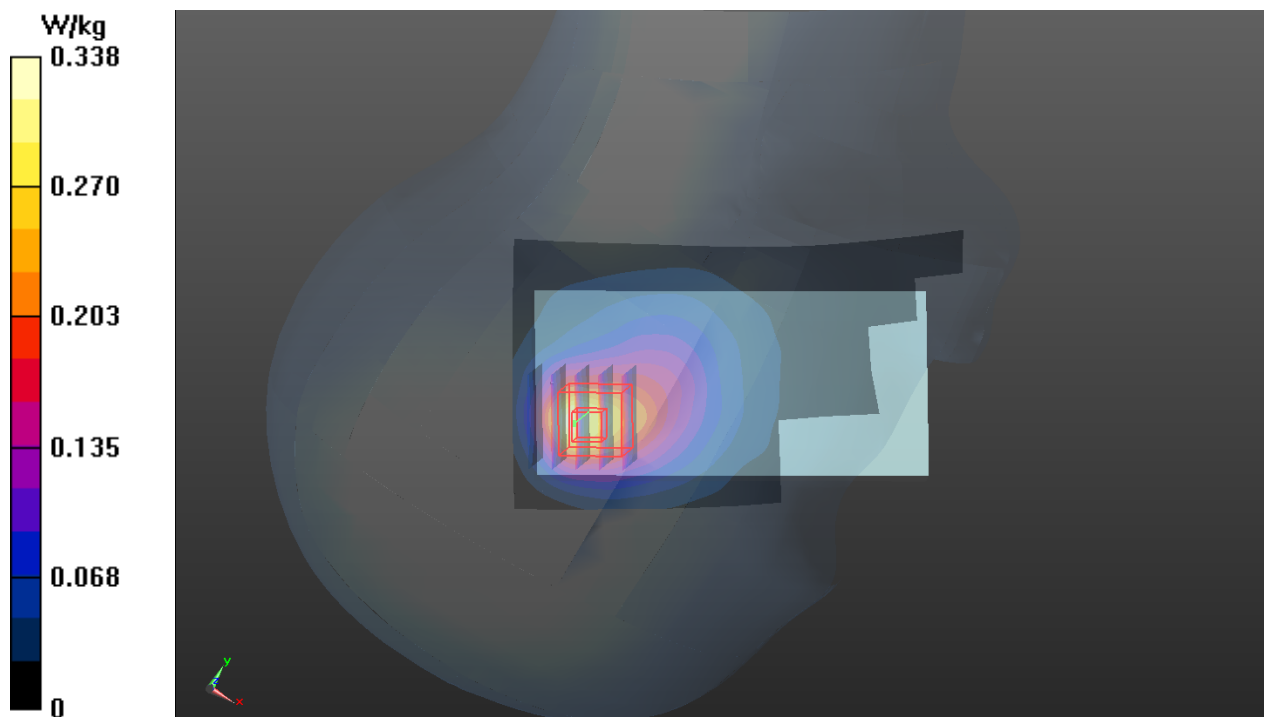
Ch20450/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.949 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.395 W/kg

SAR(1 g) = 0.234 W/kg; SAR(10 g) = 0.141 W/kg

Maximum value of SAR (measured) = 0.305 W/kg



P08 LTE17_QPSK_10M_Right Cheek_Ch23790_1RB_OS0_ANT-1_Sample1

DUT: 130408C19

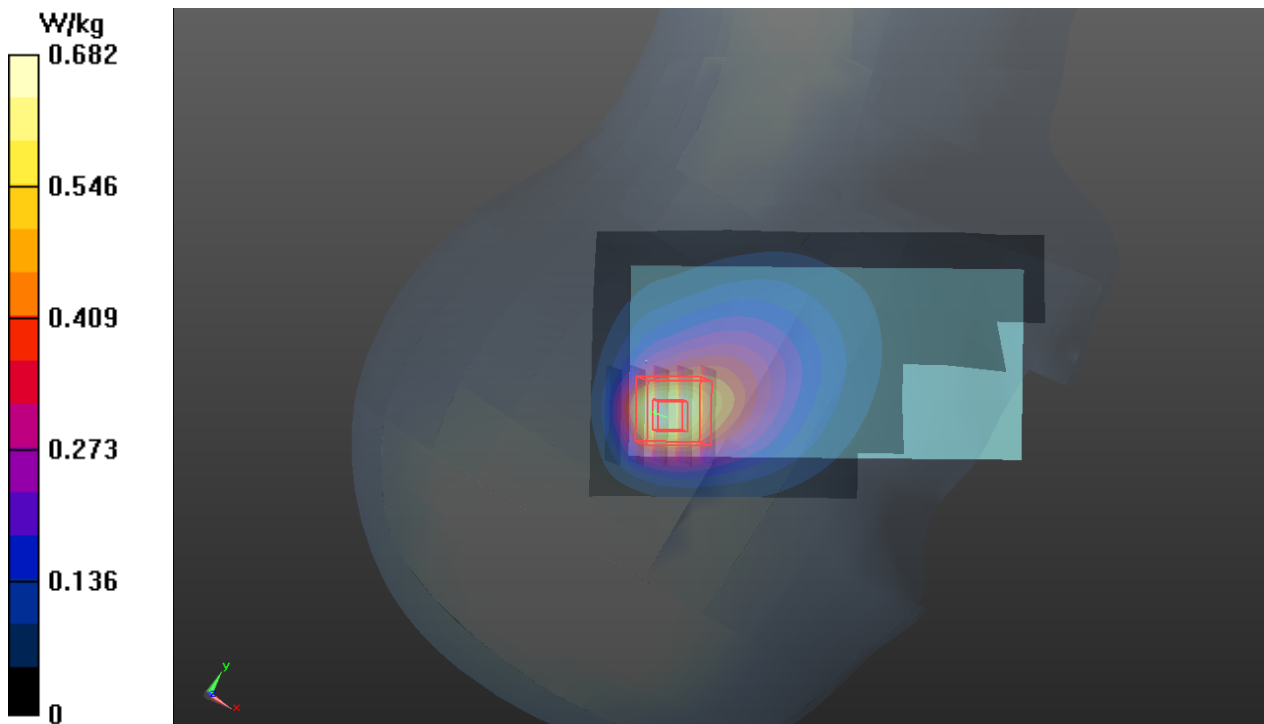
Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium: H750_0520 Medium parameters used: $f = 710$ MHz; $\sigma = 0.863$ S/m; $\epsilon_r = 40.778$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.6 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(9.09, 9.09, 9.09); Calibrated: 2012/06/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2013/03/19
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Ch23790/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.682 W/kg

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.156 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.527 W/kg; SAR(10 g) = 0.295 W/kg
Maximum value of SAR (measured) = 0.737 W/kg



P09 802.11b_Left Cheek_Ch11_Sample1

DUT: 130408C19

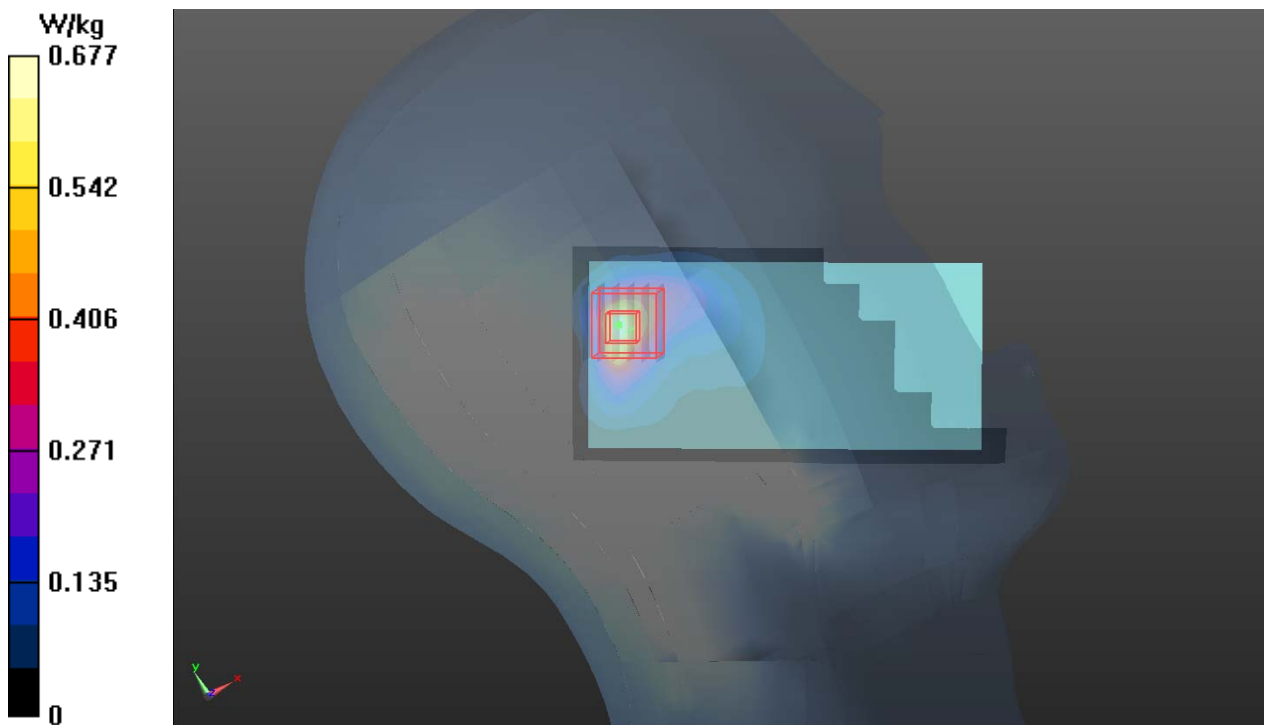
Communication System: WLAN_2.4G; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium: H2450_0513 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.877$ S/m; $\epsilon_r = 37.875$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.1 °C; Liquid Temperature : 20.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(6.7, 6.7, 6.7); Calibrated: 2012/06/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2013/03/19
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Ch11/Area Scan (61x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.677 W/kg

Ch11/Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 18.164 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.411 W/kg; SAR(10 g) = 0.174 W/kg
Maximum value of SAR (measured) = 0.663 W/kg



P10 802.11a_Left Cheek_Ch48_Sample1

DUT: 130408C19

Communication System: WLAN_5G; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: H5G_0514 Medium parameters used: $f = 5240$ MHz; $\sigma = 4.881$ S/m; $\epsilon_r = 36.004$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(5.11, 5.11, 5.11); Calibrated: 2013/01/15;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2013/03/19
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Ch48/Area Scan (71x141x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.496 W/kg

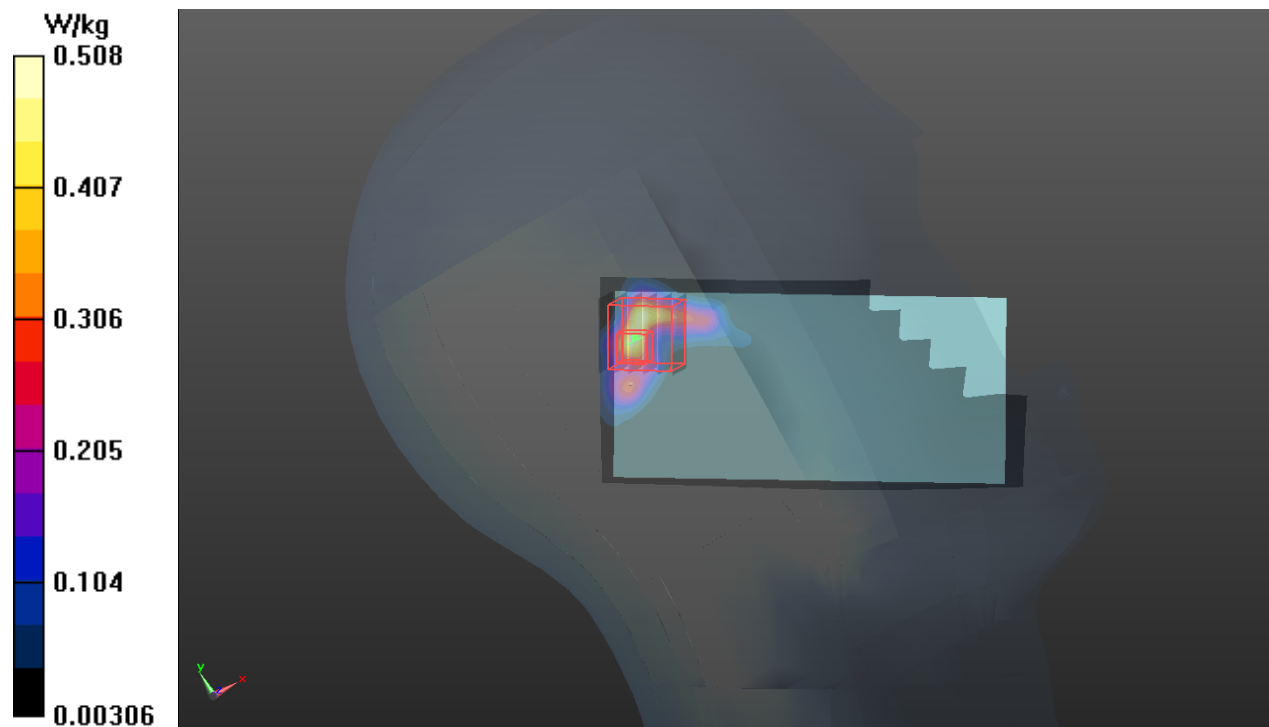
Ch48/Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 8.234 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.61 W/kg

SAR(1 g) = 0.228 W/kg; SAR(10 g) = 0.072 W/kg

Maximum value of SAR (measured) = 0.508 W/kg



P11 802.11a_Left Cheek_Ch52_Sample1

DUT: 130408C19

Communication System: WLAN_5G; Frequency: 5260 MHz; Duty Cycle: 1:1
Medium: H5G_0514 Medium parameters used: $f = 5260$ MHz; $\sigma = 4.901$ S/m; $\epsilon_r = 35.976$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.6 °C; Liquid Temperature : 20.5 °C

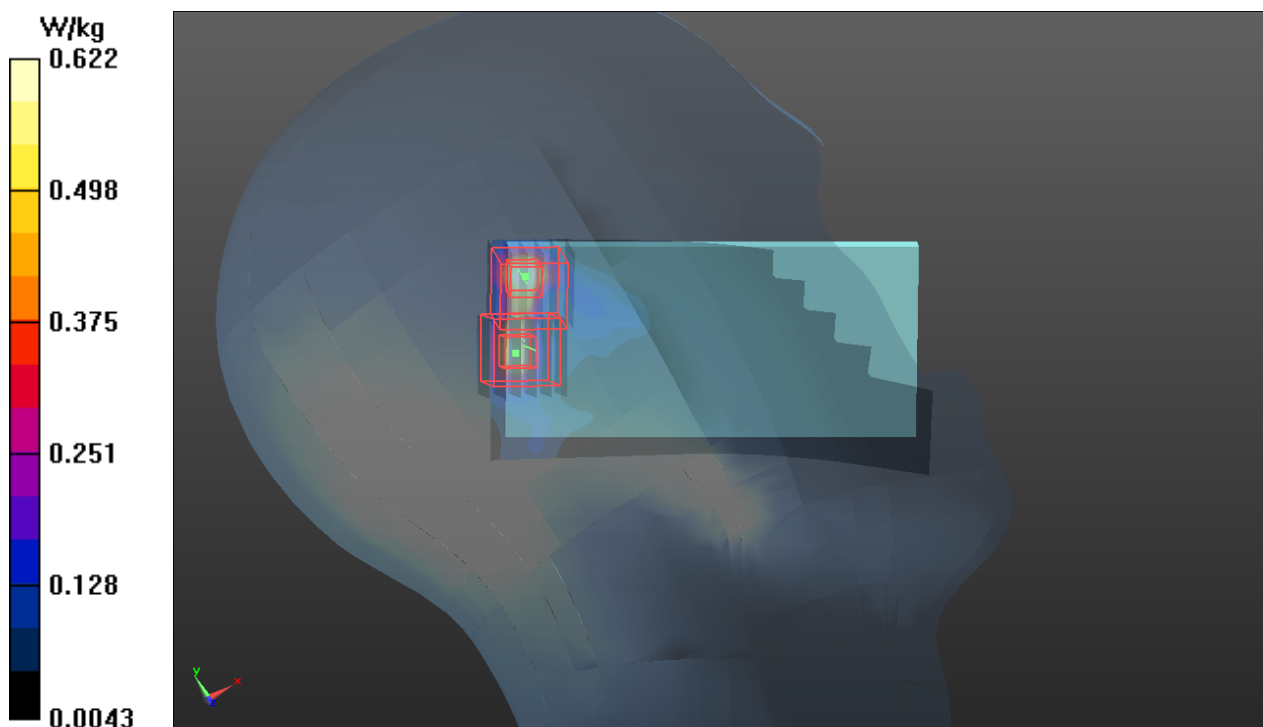
DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.93, 4.93, 4.93); Calibrated: 2013/01/15;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2013/03/19
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Ch52/Area Scan (71x141x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.746 W/kg

Ch52/Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 10.067 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.316 W/kg; SAR(10 g) = 0.091 W/kg
Maximum value of SAR (measured) = 0.622 W/kg

Ch52/Zoom Scan (6x6x12)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 10.067 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.285 W/kg; SAR(10 g) = 0.086 W/kg
Maximum value of SAR (measured) = 0.598 W/kg



P12 802.11a_Right Cheek_Ch116_Sample1

DUT: 130408C19

Communication System: WLAN_5G; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: H5G_0524 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.248$ S/m; $\epsilon_r = 34.709$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.9 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(5.05, 5.05, 5.05); Calibrated: 2013/02/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2013/01/30
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Ch116/Area Scan (71x141x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.759 W/kg

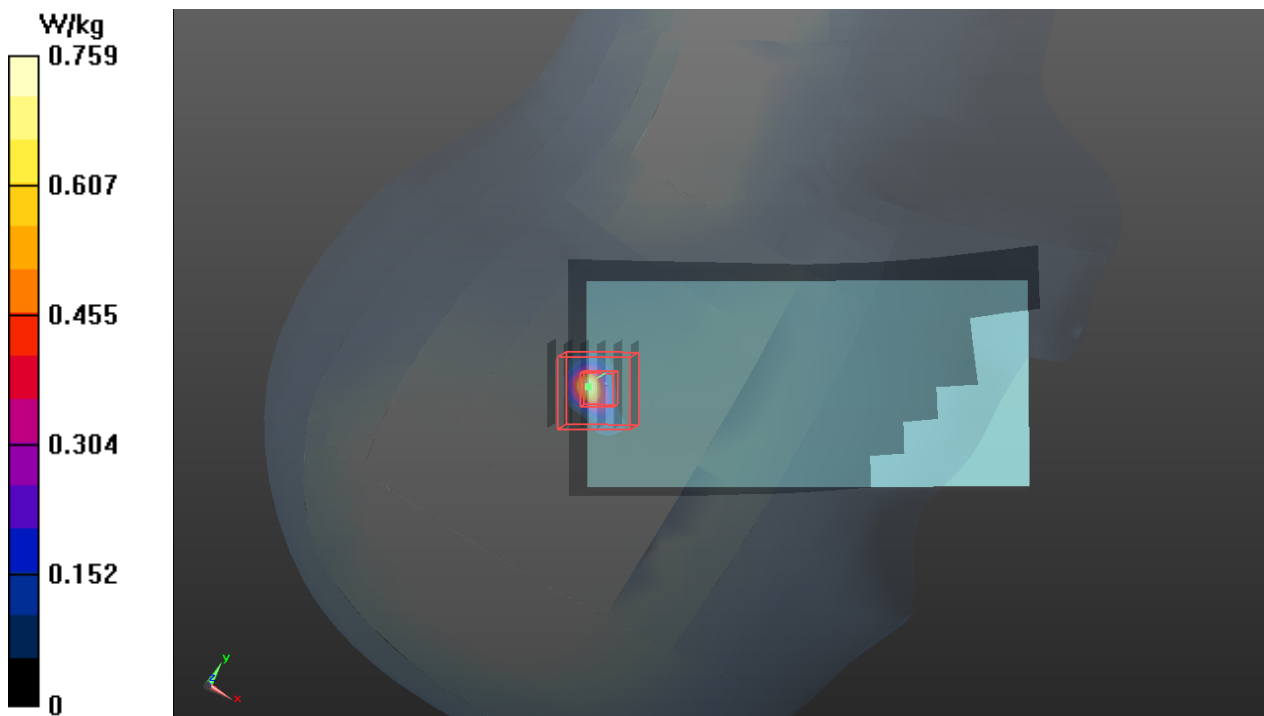
Ch116/Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 8.829 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.807 W/kg

SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.042 W/kg

Maximum value of SAR (measured) = 0.424 W/kg



P13 802.11a_Right Tilted_Ch165_Sample1

DUT: 130408C19

Communication System: WLAN_5G; Frequency: 5825 MHz; Duty Cycle: 1:1

Medium: H5G_0525 Medium parameters used: $f = 5825$ MHz; $\sigma = 5.533$ S/m; $\epsilon_r = 34.78$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.3 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.92, 4.92, 4.92); Calibrated: 2013/02/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2013/01/30
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Ch165/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.01 W/kg

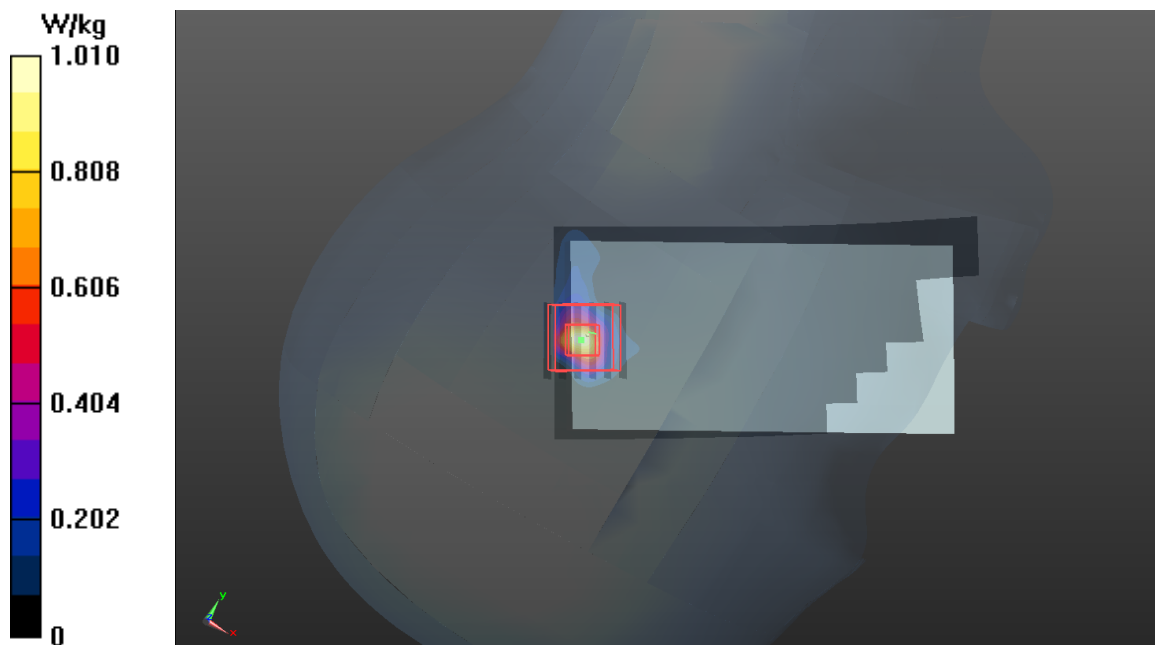
Ch165/Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 13.163 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.35 W/kg

SAR(1 g) = 0.493 W/kg; SAR(10 g) = 0.097 W/kg

Maximum value of SAR (measured) = 0.940 W/kg



P14 GSM850_GPRS10_Rear Face_1cm_Ch128_Sample1_ANT-0

DUT: 130408C19

Communication System: GPRS10; Frequency: 824.2 MHz; Duty Cycle: 1:4
Medium: B835_0516 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.959$ S/m; $\epsilon_r = 53.983$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.5 °C

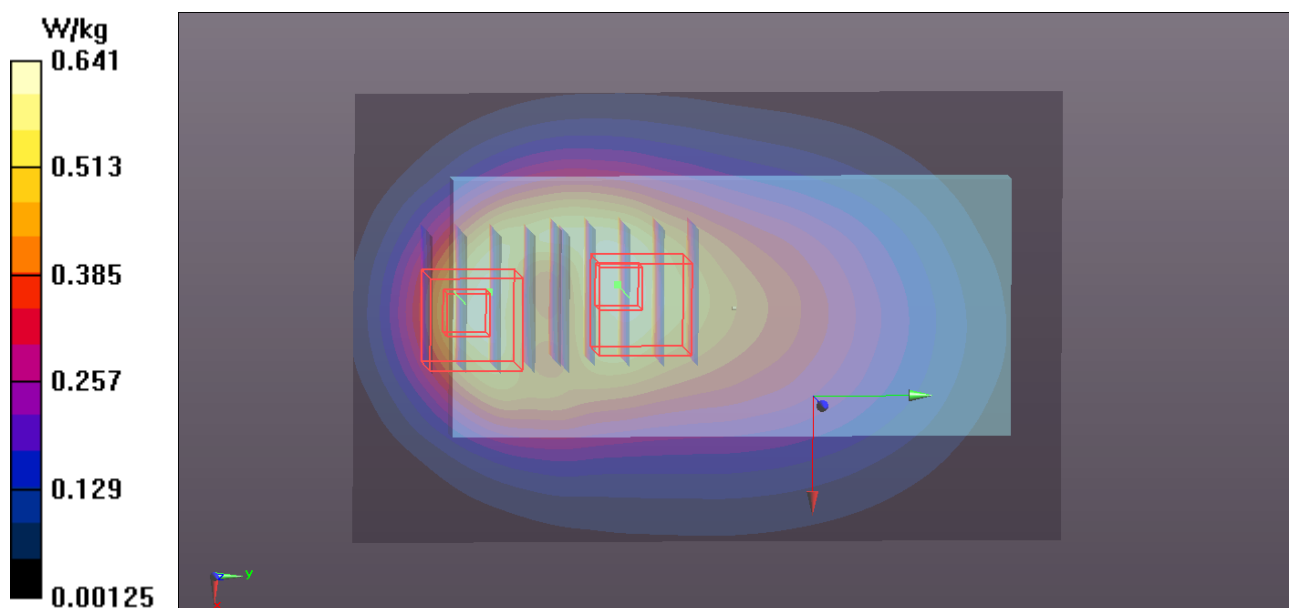
DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.43, 10.43, 10.43); Calibrated: 2013/02/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2013/01/30
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Ch128/Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.641 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.212 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.781 W/kg
SAR(1 g) = 0.532 W/kg; SAR(10 g) = 0.368 W/kg
Maximum value of SAR (measured) = 0.637 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.212 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.807 W/kg
SAR(1 g) = 0.456 W/kg; SAR(10 g) = 0.265 W/kg
Maximum value of SAR (measured) = 0.590 W/kg



P15 GSM1900_GPRS10_Front Face_1cm_Ch661_Sample1_ANT-0

DUT: 130408C19

Communication System: GPRS10; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: B1900_0518 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.517$ S/m; $\epsilon_r = 53.248$; $\rho = 1000$ kg/m³

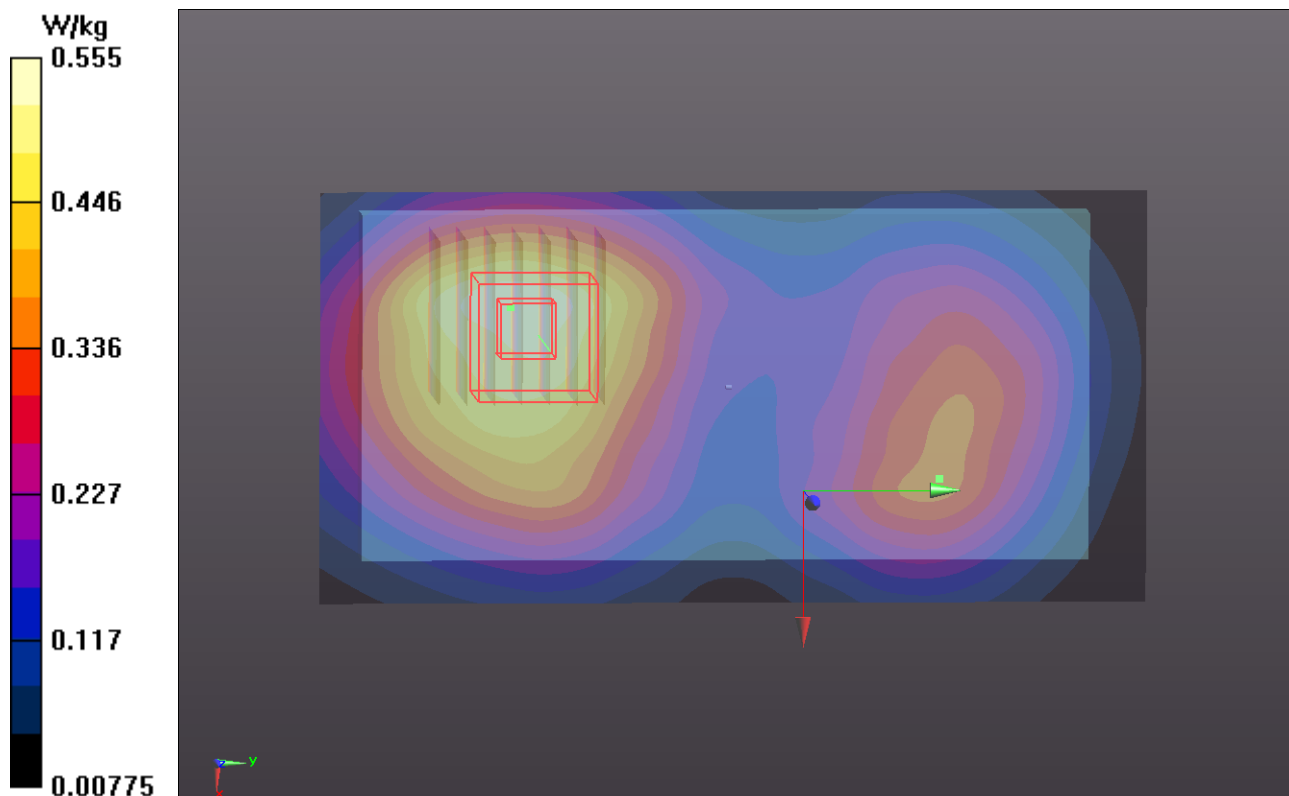
Ambient Temperature : 21.4 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.88, 7.88, 7.88); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2013/04/24
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Ch661/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.555 W/kg

Ch661/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.254 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.655 W/kg
SAR(1 g) = 0.424 W/kg; SAR(10 g) = 0.272 W/kg
Maximum value of SAR (measured) = 0.456 W/kg



P16 WCDMA II_RMC 12.2K_Front Face_1cm_Ch9400_Sample1_ANT-0

DUT: 130408C19

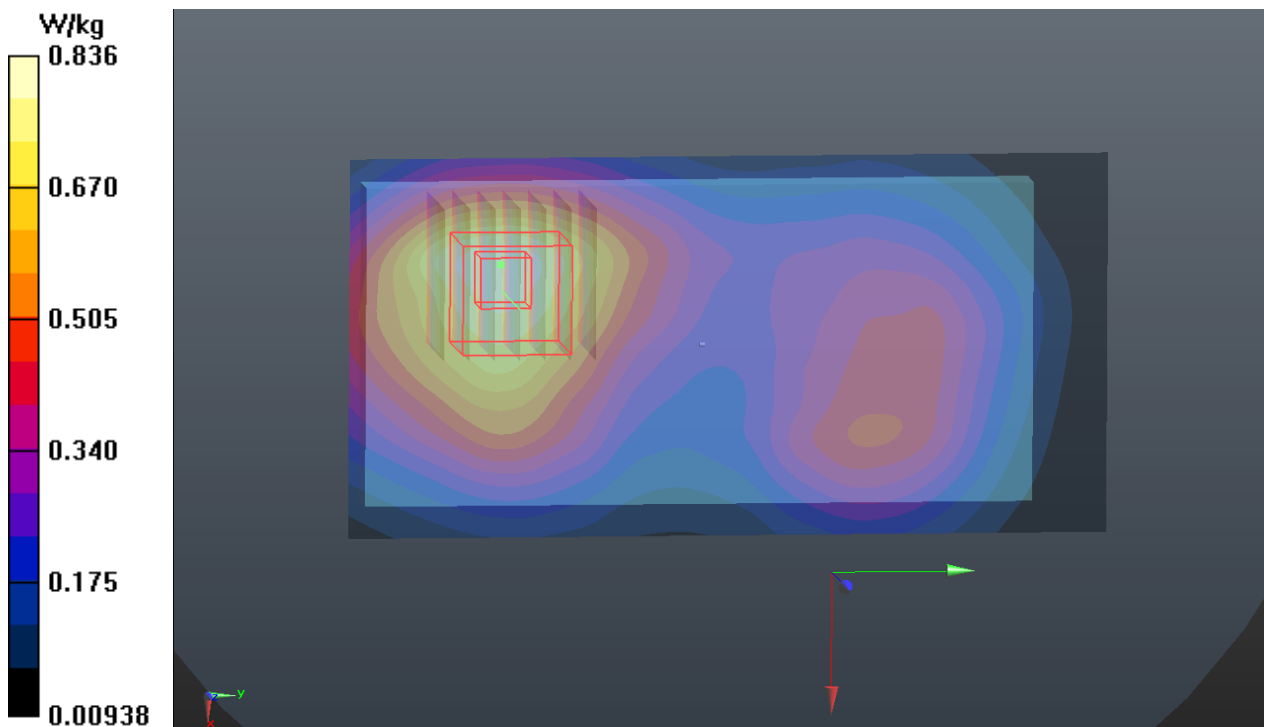
Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: B1900_0518 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.528$ S/m; $\epsilon_r = 51.909$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.7 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.39, 8.39, 8.39); Calibrated: 2013/02/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2013/01/30
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Ch9400/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.836 W/kg

Ch9400/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.168 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.941 W/kg
SAR(1 g) = 0.633 W/kg; SAR(10 g) = 0.410 W/kg
Maximum value of SAR (measured) = 0.675 W/kg



P17 WCDMA V_RMC 12.2K_Rear Face_1cm_Ch4233_Sample1_ANT-0

DUT: 130408C19

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: B835_0518 Medium parameters used: $f = 847$ MHz; $\sigma = 0.985$ S/m; $\epsilon_r = 53.777$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.2 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

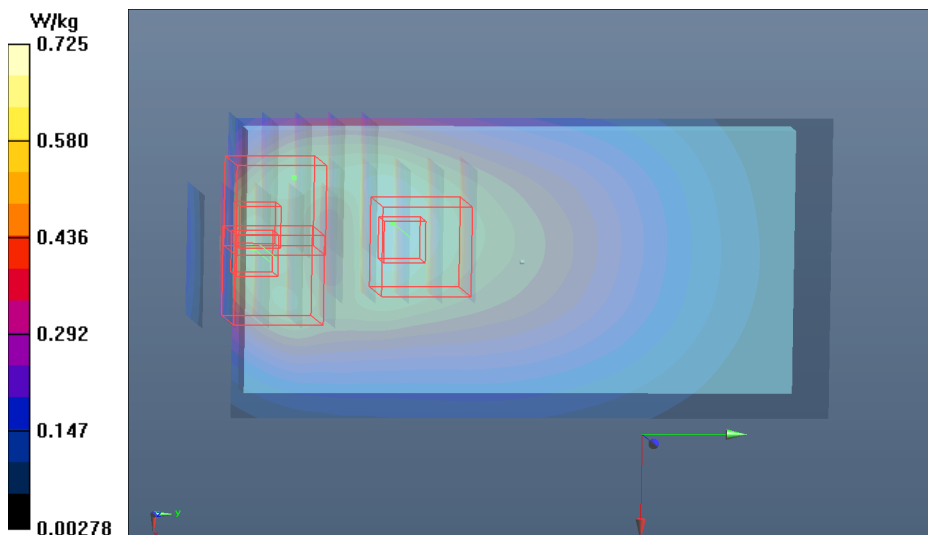
- Probe: EX3DV4 - SN3801; ConvF(8.82, 8.82, 8.82); Calibrated: 2012/06/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2013/03/19
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, Version 4.7 (80); SEMCAD X Version 14.6.8 (7028)

Ch4233/Area Scan (61x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.725 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.854 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.840 W/kg
SAR(1 g) = 0.53 W/kg; SAR(10 g) = 0.414 W/kg
Maximum value of SAR (measured) = 0.716 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 2: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.854 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.887 W/kg
SAR(1 g) = 0.496 W/kg; SAR(10 g) = 0.292 W/kg
Maximum value of SAR (measured) = 0.704 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.854 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.905 W/kg
SAR(1 g) = 0.486 W/kg; SAR(10 g) = 0.264 W/kg
Maximum value of SAR (measured) = 0.708 W/kg



P18 LTE 2_QPSK_10M_Front Face_1cm_Ch18900_1RB_OS0_ANT-0_Sample1

DUT: 130408C19

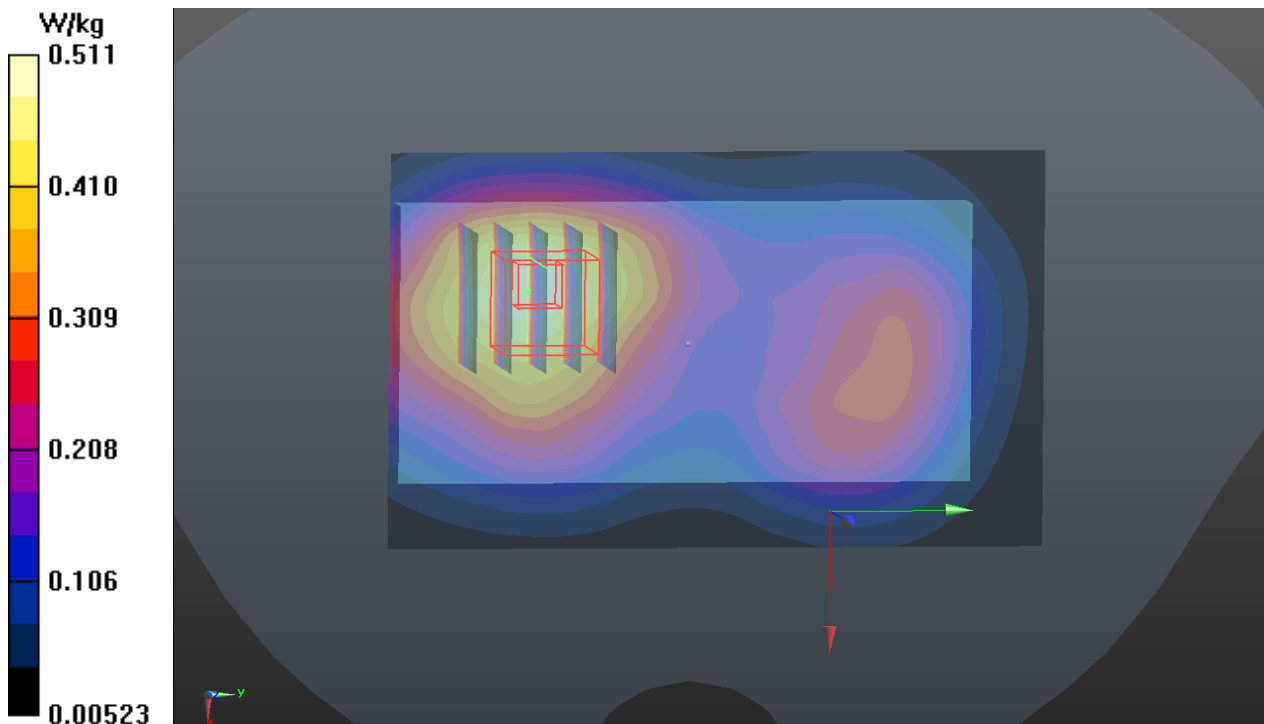
Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: B1900_0521 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.526$ S/m; $\epsilon_r = 51.988$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.2 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.88, 7.88, 7.88); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2013/04/24
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Ch18900/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.511 W/kg

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.918 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.591 W/kg
SAR(1 g) = 0.385 W/kg; SAR(10 g) = 0.253 W/kg
Maximum value of SAR (measured) = 0.482 W/kg



P19 LTE 4_QPSK_10M_Rear Face_1cm_Ch20000_1RB_OS0_ANT-0_Sample1

DUT: 130408C19

Communication System: LTE; Frequency: 1715 MHz; Duty Cycle: 1:1
Medium: B1750_0521 Medium parameters used: $f = 1715$ MHz; $\sigma = 1.447$ S/m; $\epsilon_r = 52.39$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.3 °C; Liquid Temperature : 20.5 °C

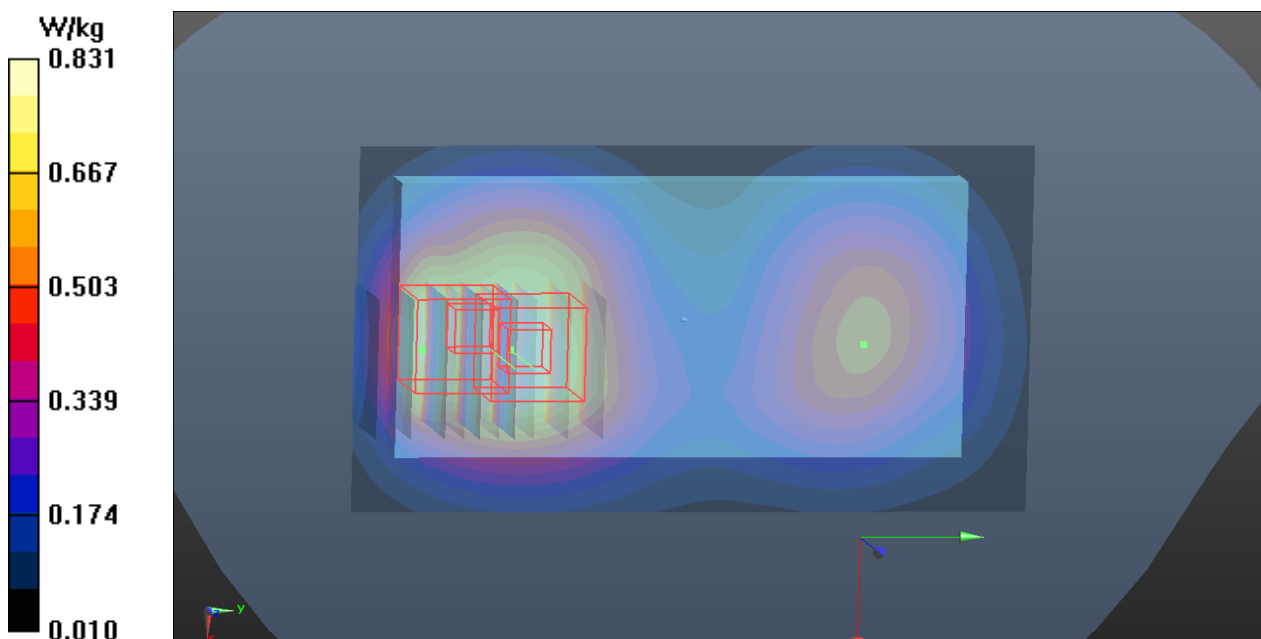
DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.45, 8.45, 8.45); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2013/04/24
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Ch20000/Area Scan (71x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.831 W/kg

Ch20000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.546 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.980 W/kg
SAR(1 g) = 0.674 W/kg; SAR(10 g) = 0.443 W/kg
Maximum value of SAR (measured) = 0.847 W/kg

Ch20000/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.546 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.933 W/kg
SAR(1 g) = 0.603 W/kg; SAR(10 g) = 0.387 W/kg
Maximum value of SAR (measured) = 0.783 W/kg



P20 LTE 5_QPSK_10M_Front Face_1cm_Ch20450_Sample1_ANT-0_1RB_OS24

DUT: 130408C19

Communication System: LTE; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: B835_0516 Medium parameters used: $f = 829$ MHz; $\sigma = 0.964$ S/m; $\epsilon_r = 53.945$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.43, 10.43, 10.43); Calibrated: 2013/02/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2013/01/30
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Ch20450/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.534 W/kg

Ch20450/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.954 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.592 W/kg

SAR(1 g) = 0.393 W/kg; SAR(10 g) = 0.269 W/kg

Maximum value of SAR (measured) = 0.491 W/kg

Ch20450/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.954 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.665 W/kg

SAR(1 g) = 0.375 W/kg; SAR(10 g) = 0.212 W/kg

Maximum value of SAR (measured) = 0.526 W/kg

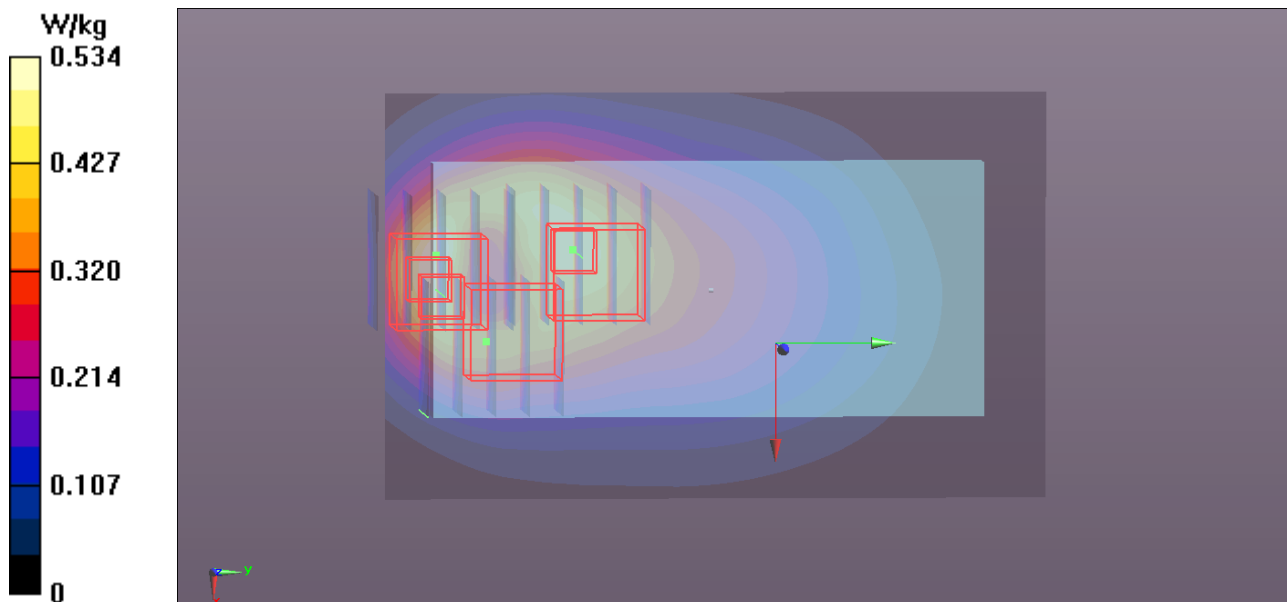
Ch20450/Zoom Scan (5x5x7)/Cube 2: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.954 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.642 W/kg

SAR(1 g) = 0.356 W/kg; SAR(10 g) = 0.209 W/kg

Maximum value of SAR (measured) = 0.482 W/kg



P21 LTE 17_QPSK_10M_Rear Face_1cm_Ch23790_1RB_OS0_ANT-1_Sample1

DUT: 130408C19

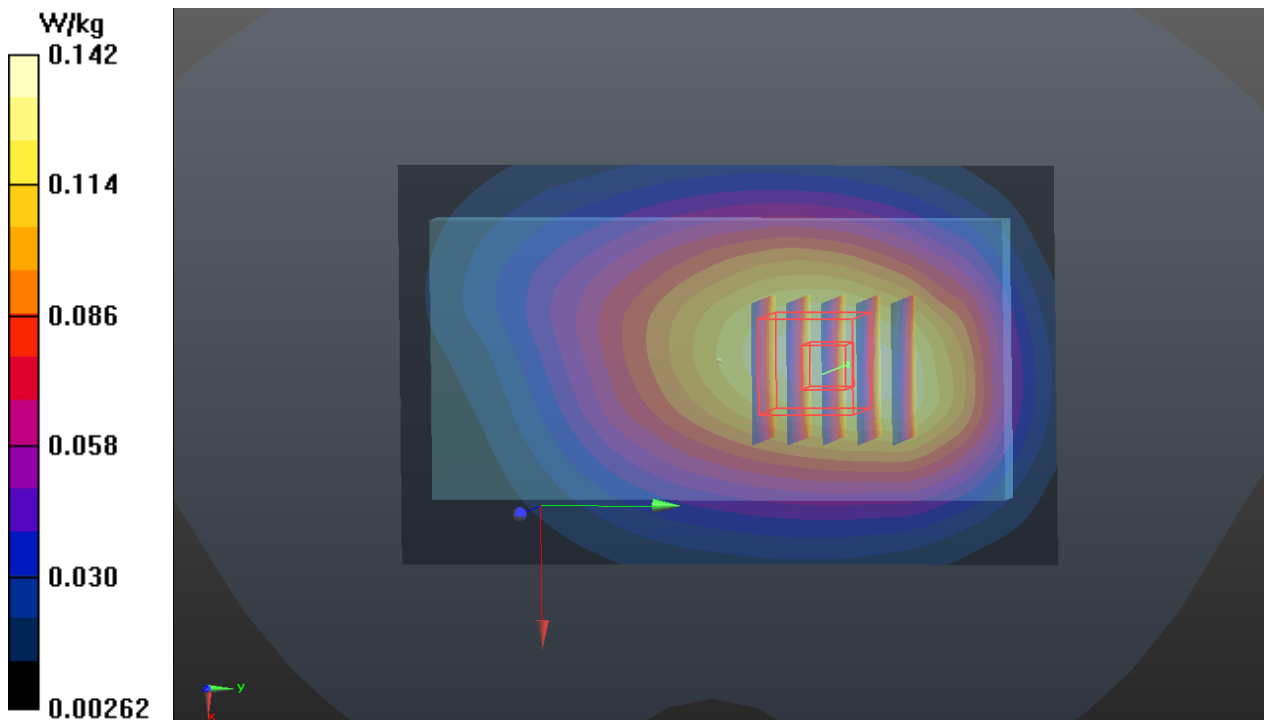
Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium: B750_0522 Medium parameters used: $f = 710$ MHz; $\sigma = 0.932$ S/m; $\epsilon_r = 55.51$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.4 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(9, 9, 9); Calibrated: 2012/06/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2013/03/19
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Ch23790/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.142 W/kg

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.431 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.156 W/kg
SAR(1 g) = 0.120 W/kg; SAR(10 g) = 0.091 W/kg
Maximum value of SAR (measured) = 0.139 W/kg



P22 802.11b_Front Face_1cm_Ch11_Sample1

DUT: 130408C19

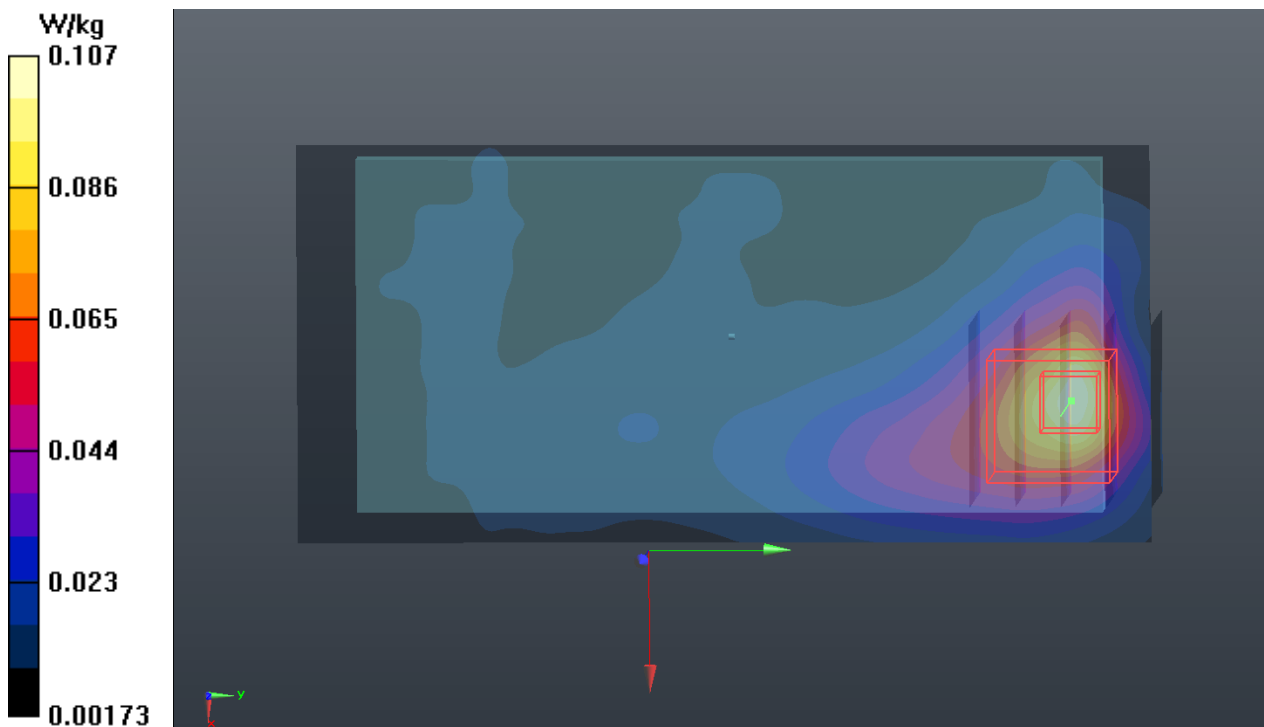
Communication System: WLAN_2.4G; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium: B2450_0513 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.009$ S/m; $\epsilon_r = 51.181$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.1 °C; Liquid Temperature : 20.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(6.59, 6.59, 6.59); Calibrated: 2012/06/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2013/03/19
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Ch11/Area Scan (61x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.106 W/kg

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.482 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.144 W/kg
SAR(1 g) = 0.072 W/kg; SAR(10 g) = 0.034 W/kg
Maximum value of SAR (measured) = 0.107 W/kg



P23 802.11a_Front Face_1cm_Ch116_Sample1

DUT: 130408C19

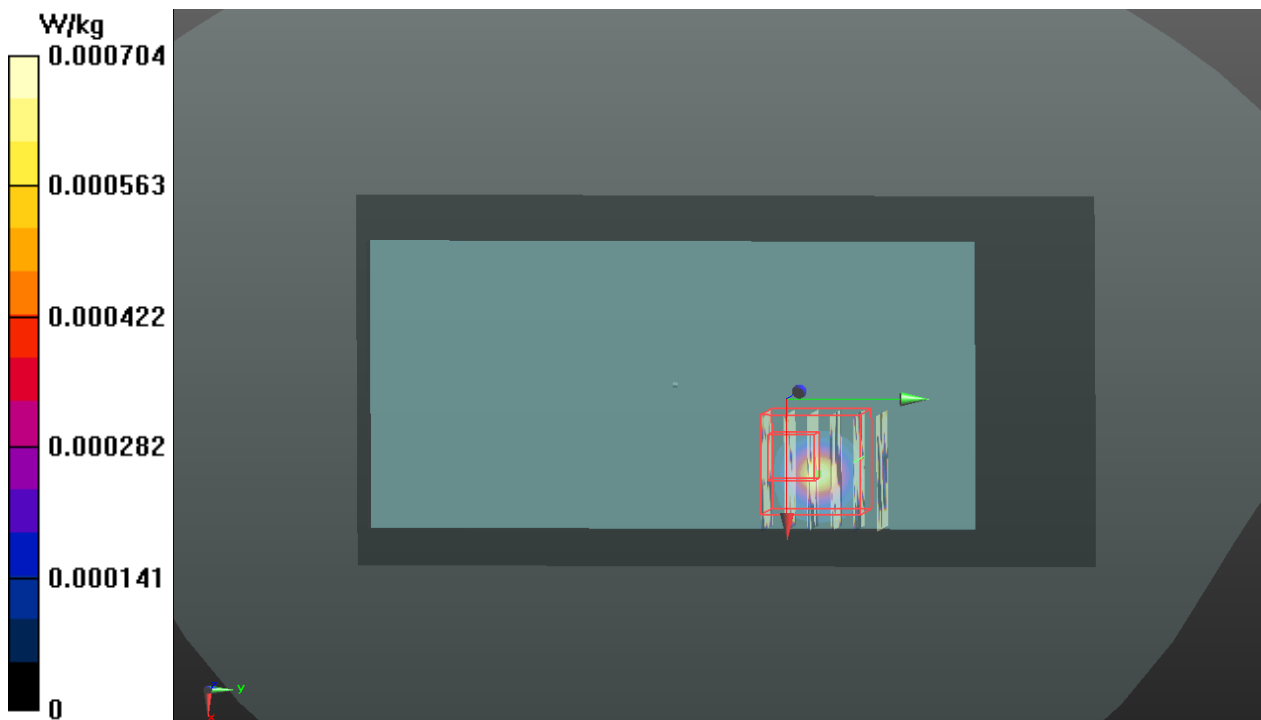
Communication System: WLAN_5G; Frequency: 5580 MHz; Duty Cycle: 1:1
Medium: B5G_0525 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.876$ S/m; $\epsilon_r = 46.577$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.6 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.46, 4.46, 4.46); Calibrated: 2013/02/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2013/01/30
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Ch116/Area Scan (81x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.000704 W/kg

Ch116/Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 0 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.00321 W/kg
SAR(1 g) = 1.77e-005 W/kg; SAR(10 g) = 1.95e-006 W/kg
Maximum value of SAR (measured) = 0.00743 W/kg



P24 802.11a_Front Face_1cm_Ch165_Sample1

DUT: 130408C19

Communication System: WLAN_5G; Frequency: 5825 MHz; Duty Cycle: 1:1
Medium: B5G_0525 Medium parameters used: $f = 5825$ MHz; $\sigma = 6.21$ S/m; $\epsilon_r = 46.142$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.6 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.72, 4.72, 4.72); Calibrated: 2013/02/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2013/01/30
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Ch165/Area Scan (81x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.00212 W/kg

Ch165/Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 0.881 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.00387 W/kg
SAR(1 g) = 8.56e-006 W/kg; SAR(10 g) = 1.78e-006 W/kg
Maximum value of SAR (measured) = 0.00829 W/kg

