



Appendix B. SAR Plots of SAR Measurement

The SAR plots for highest measured SAR in each exposure configuration, wireless mode and frequency band combination, and measured SAR > 1.5 W/kg are shown as follows.

P01 CDMA BC0_RC3+SO55_Left Cheek_Ch777_Ant 0

DUT: 140324C25

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: H835_0410 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.936$ S/m; $\epsilon_r = 41.661$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8°C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(9.96, 9.96, 9.96); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.346 W/kg

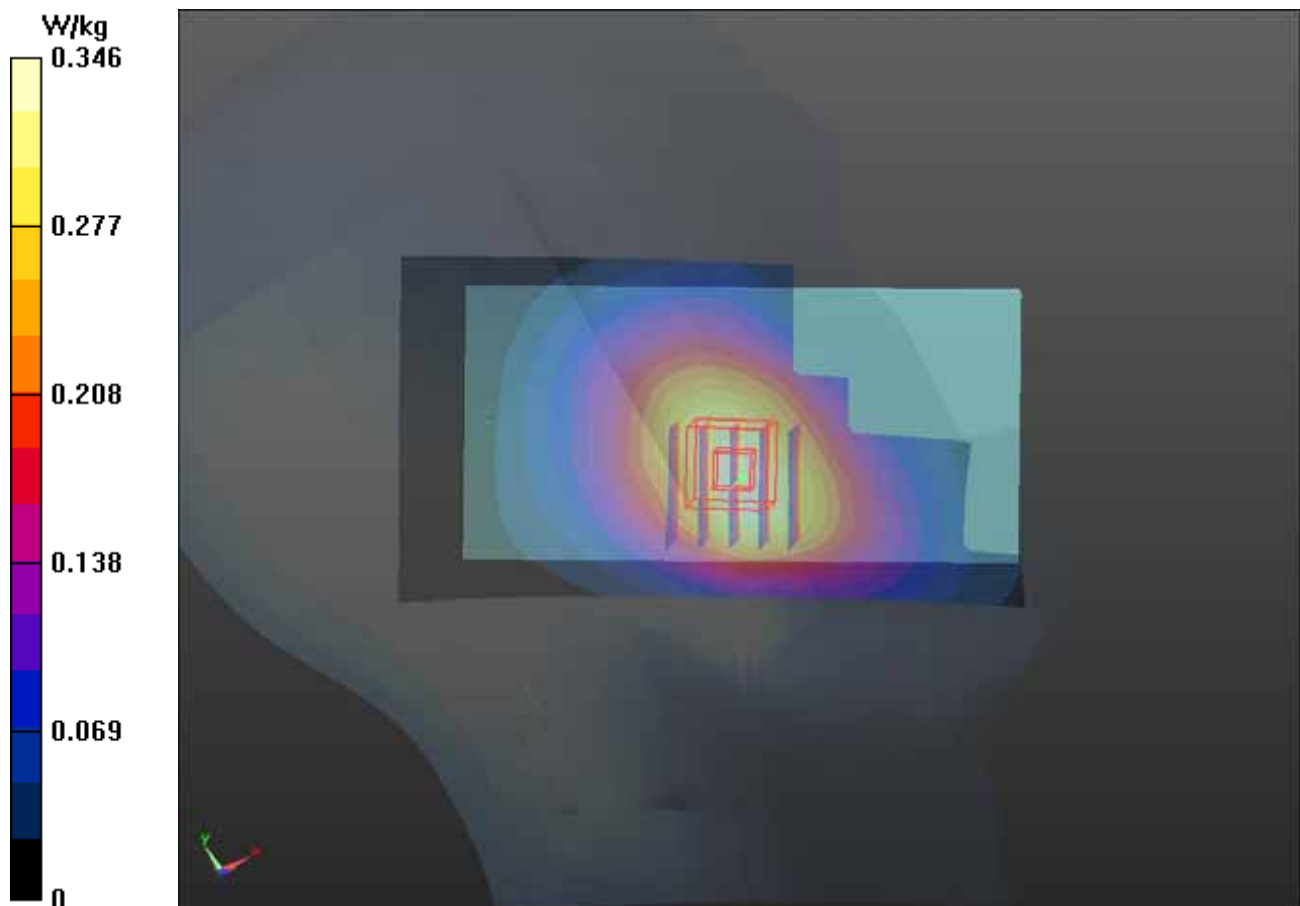
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.615 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.381 W/kg

SAR(1 g) = 0.300 W/kg; SAR(10 g) = 0.226 W/kg

Maximum value of SAR (measured) = 0.345 W/kg



P02 CDMA BC1_RC3+SO55_Right Cheek_Ch600_Ant 1

DUT: 140324C25

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: H1900_0412 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.408$ S/m; $\epsilon_r = 39.202$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.1°C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.2, 8.2, 8.2); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Front; Type: QD000P40CB; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.22 W/kg

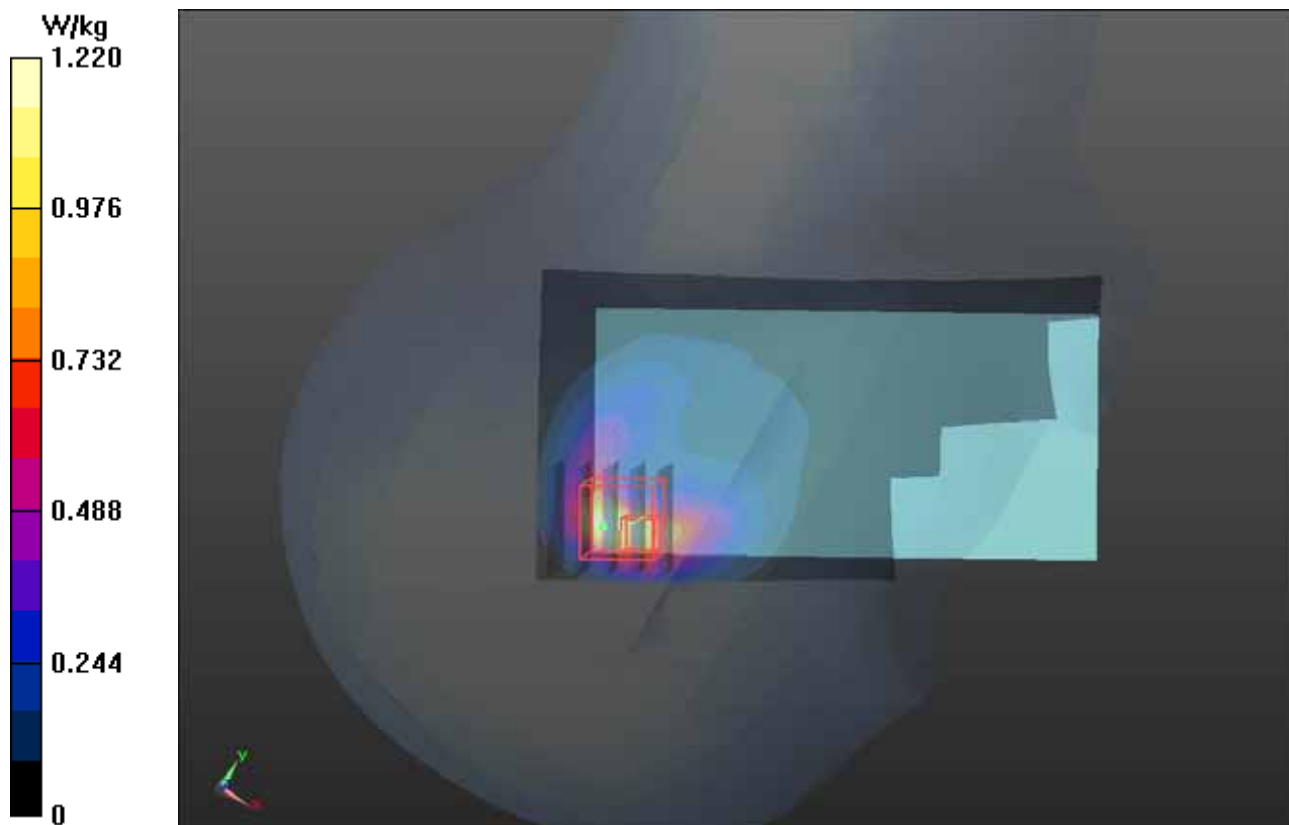
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.245 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.723 W/kg; SAR(10 g) = 0.365 W/kg

Maximum value of SAR (measured) = 1.03 W/kg



P03 CDMA BC10_RC3+SO55_Left Cheek_Ch580_Ant 0

DUT: 140324C25

Communication System: CDMA2000; Frequency: 820.5 MHz; Duty Cycle: 1:1

Medium: H835_0410 Medium parameters used: $f = 820.5$ MHz; $\sigma = 0.908$ S/m; $\epsilon_r = 42.028$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8°C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(9.96, 9.96, 9.96); Calibrated: 2013/07/31;

- Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26

- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652

- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.306 W/kg

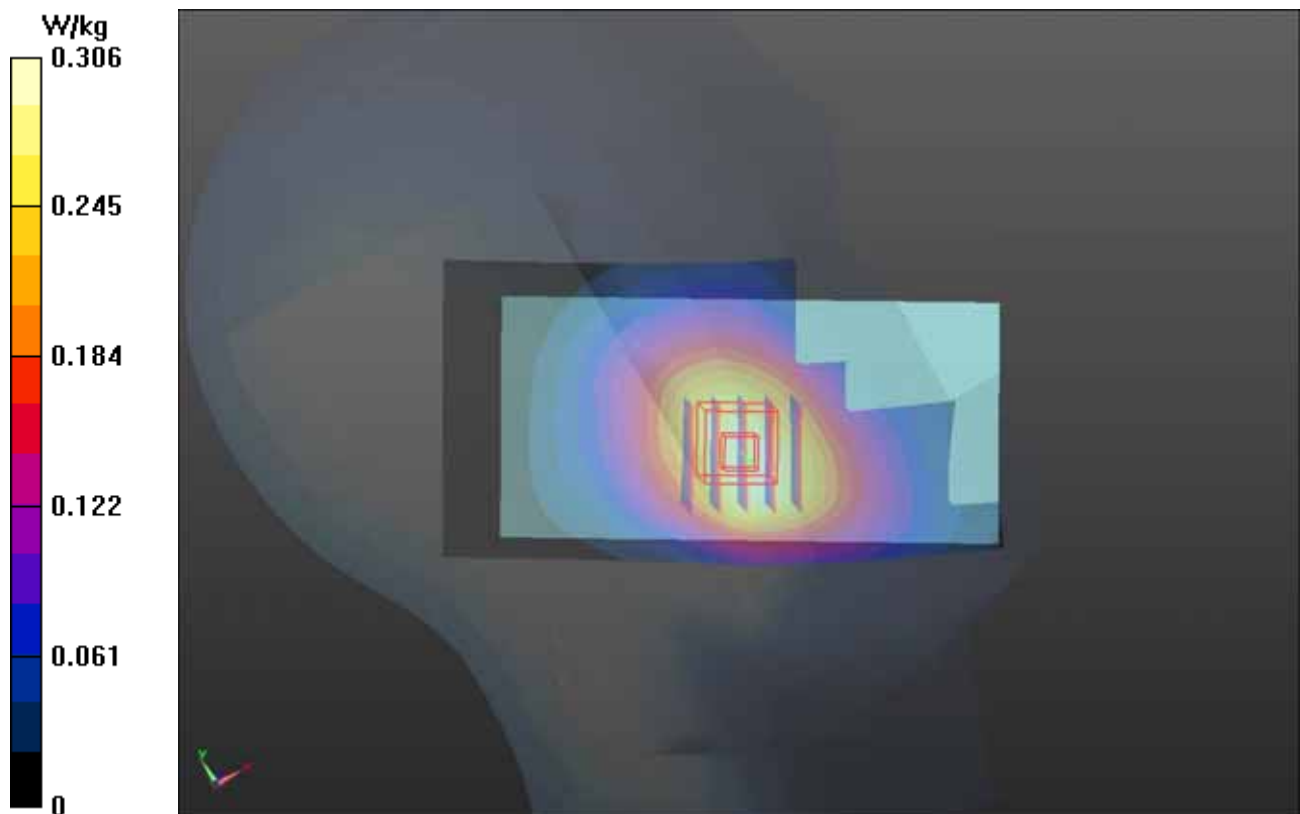
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.226 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.334 W/kg

SAR(1 g) = 0.266 W/kg; SAR(10 g) = 0.202 W/kg

Maximum value of SAR (measured) = 0.278 W/kg



P04 LTE 25_QPSK_20M_Right Cheek_Ch26140_Ant1_1RB_OS50

DUT: 140324C25

Communication System: LTE 25; Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: H1900_0423 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.395$ S/m; $\epsilon_r = 39.264$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.19, 8.19, 8.19); Calibrated: 2014/03/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- Phantom: SAM Phantom_Front; Type: QD000P40CB; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.99 W/kg

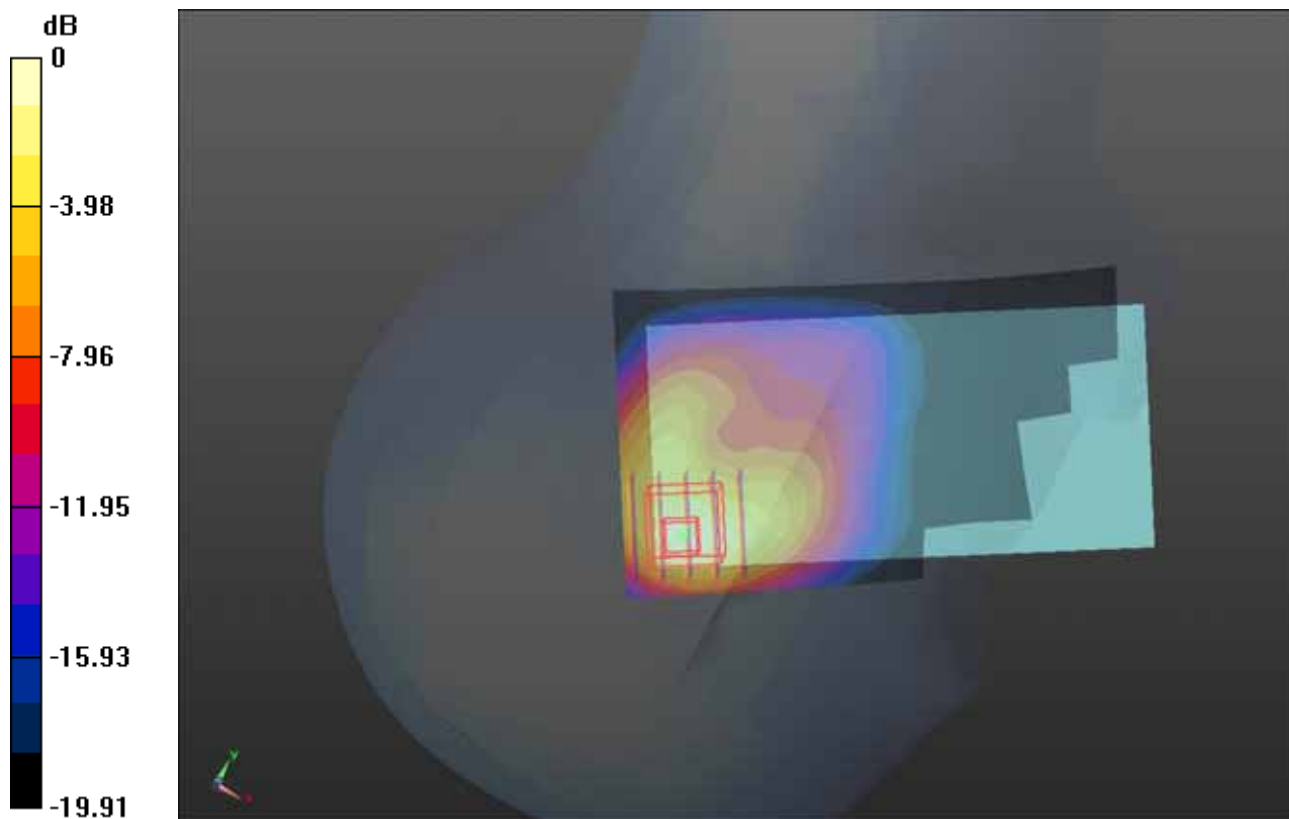
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.056 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 2.36 W/kg

SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.613 W/kg

Maximum value of SAR (measured) = 1.81 W/kg



P05 LTE 26_QPSK_15M_Left Cheek_Ch26865_Ant 0_1RB_OS37

DUT: 140324C25

Communication System: LTE26; Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: H835_0410 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.92$ S/m; $\epsilon_r = 41.883$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8°C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(9.96, 9.96, 9.96); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.437 W/kg

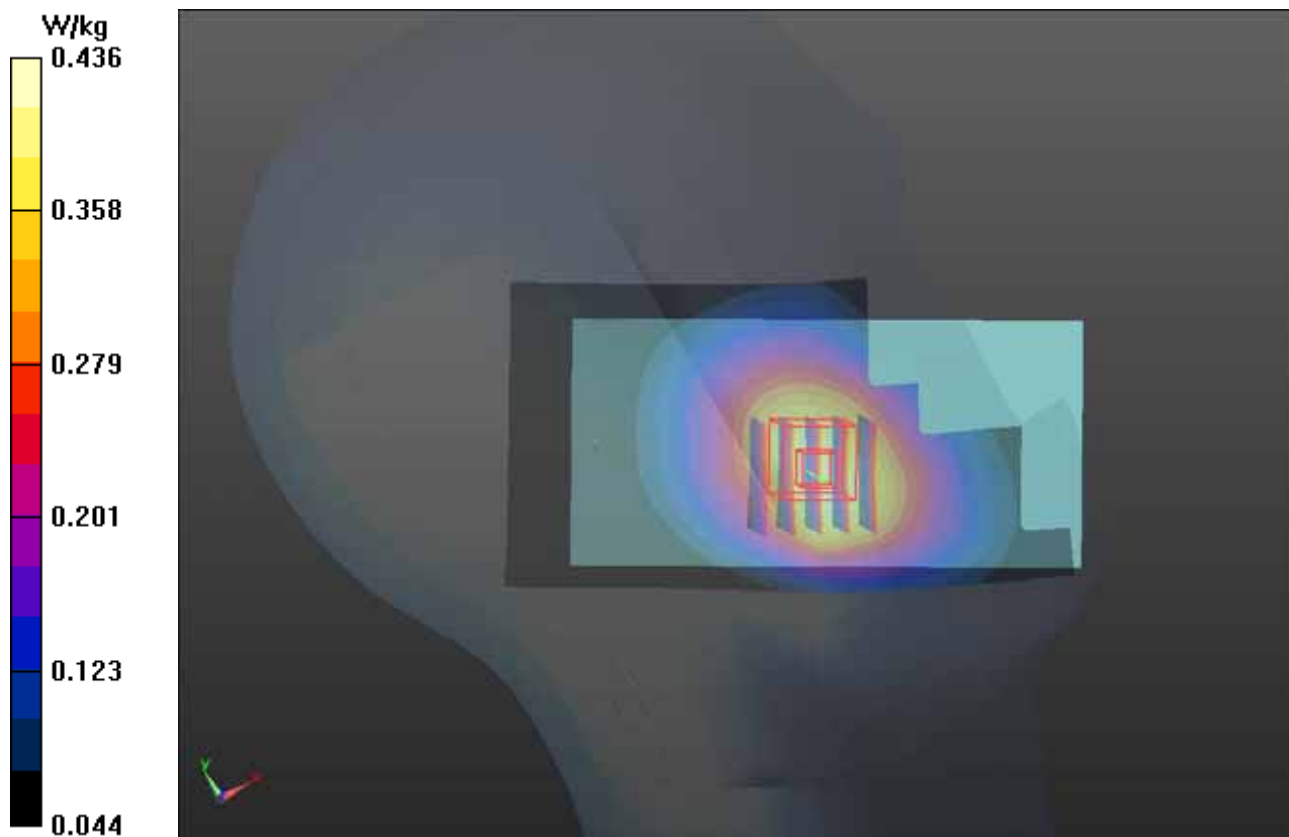
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.487 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.480 W/kg

SAR(1 g) = 0.378 W/kg; SAR(10 g) = 0.287 W/kg

Maximum value of SAR (measured) = 0.436 W/kg



P06 LTE 41_QPSK_20M_Right Cheek_Ch39750_Ant1_1RB_OS50

DUT: 140324C25

Communication System: LTE 41; Frequency: 2506 MHz; Duty Cycle: 1:1.58

Medium: H2600_0424 Medium parameters used: $f = 2506$ MHz; $\sigma = 1.944$ S/m; $\epsilon_r = 38.361$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.15, 7.15, 7.15); Calibrated: 2014/03/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (71x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.39 W/kg

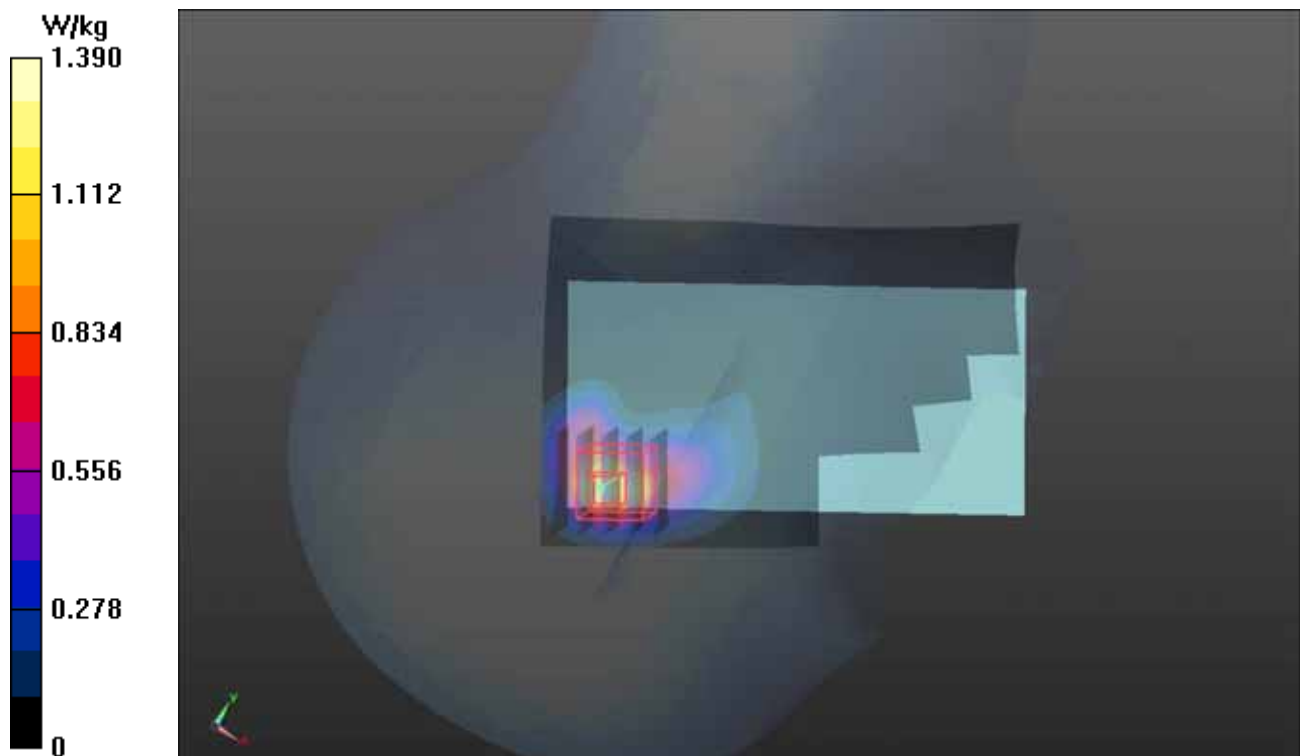
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.525 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.97 W/kg

SAR(1 g) = 0.928 W/kg; SAR(10 g) = 0.453 W/kg

Maximum value of SAR (measured) = 1.23 W/kg



P07 802.11b_Left Cheek_Ch6

DUT: 140324C25

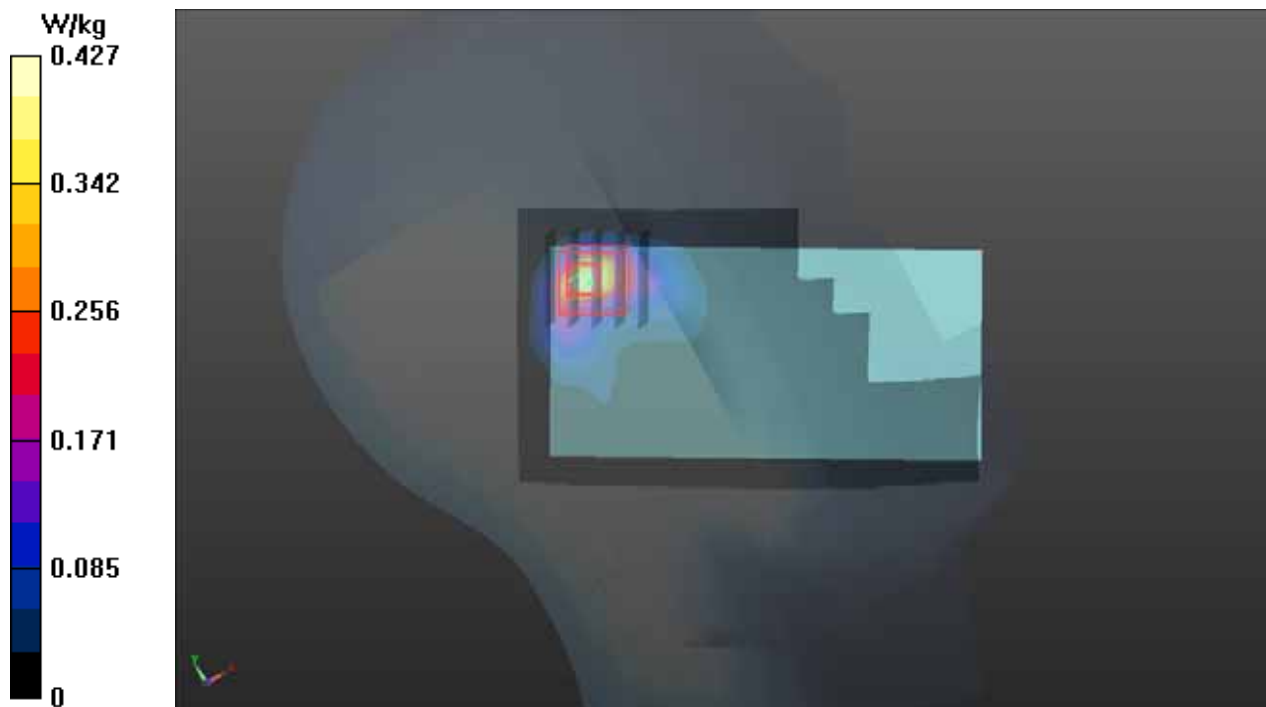
Communication System: WLAN_2.4G; Frequency: 2437 MHz; Duty Cycle: 1:1
 Medium: H2450_0513 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.841$ S/m; $\epsilon_r = 38.657$; $\rho = 1000$ kg/m³
 Ambient Temperature : 21.7 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(7.95, 7.95, 7.95); Calibrated: 2014/03/04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- Phantom: SAM Phantom_Left; Type: SAM V5.0; Serial: TP 1823
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (81x141x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 0.427 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 8.010 V/m; Power Drift = -0.05 dB
 Peak SAR (extrapolated) = 0.643 W/kg
SAR(1 g) = 0.253 W/kg; SAR(10 g) = 0.105 W/kg
 Maximum value of SAR (measured) = 0.384 W/kg



P08 802.11a_Left Cheek_Ch48

DUT: 140324C25

Communication System: WLAN_5G; Frequency: 5240 MHz; Duty Cycle: 1:1.02

Medium: H5G_0508 Medium parameters used: $f = 5240$ MHz; $\sigma = 4.847$ S/m; $\epsilon_r = 35.508$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(5.22, 5.22, 5.22); Calibrated: 2014/03/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (81x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.384 W/kg

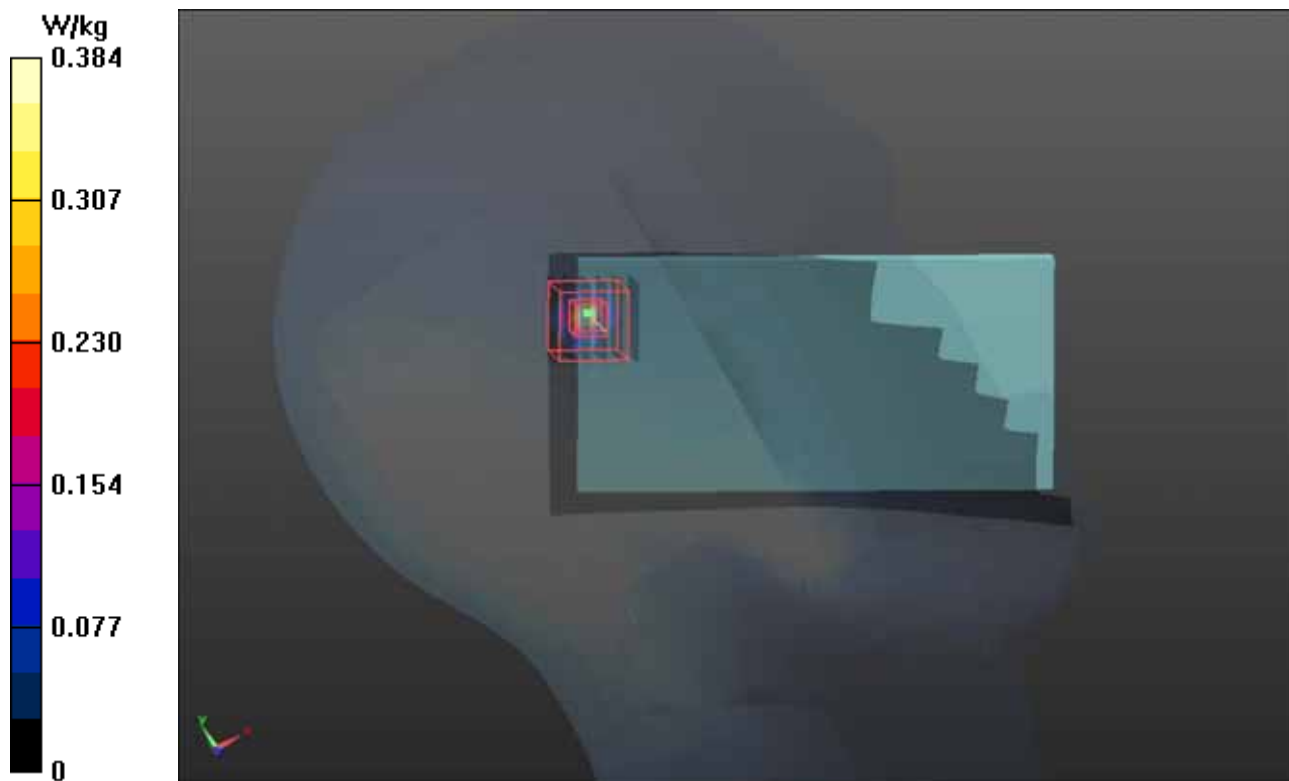
- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 1.626 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.725 W/kg

SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.030 W/kg

Maximum value of SAR (measured) = 0.371 W/kg



P09 802.11a_Left Cheek_Ch52

DUT: 140324C25

Communication System: WLAN_5G; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: H5G_0508 Medium parameters used: $f = 5260$ MHz; $\sigma = 4.873$ S/m; $\epsilon_r = 35.471$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(4.81, 4.81, 4.81); Calibrated: 2014/03/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (81x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.559 W/kg

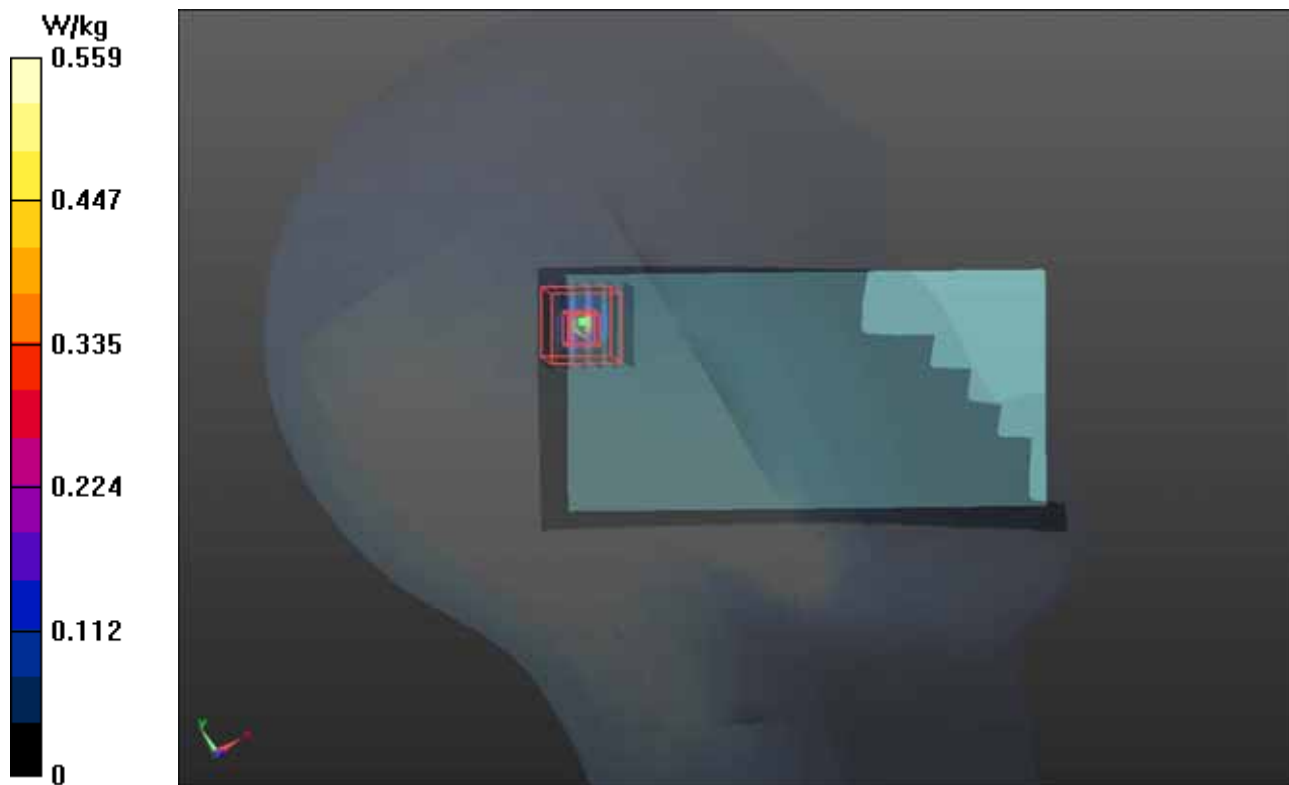
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 2.114 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.165 W/kg; SAR(10 g) = 0.032 W/kg

Maximum value of SAR (measured) = 0.322 W/kg



P10 802.11a_Left Cheek_Ch132

DUT: 140324C25

Communication System: WLAN_5G; Frequency: 5660 MHz; Duty Cycle: 1:1

Medium: H5G_0509 Medium parameters used: $f = 5660$ MHz; $\sigma = 5.317$ S/m; $\epsilon_r = 34.797$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(4.55, 4.55, 4.55); Calibrated: 2014/03/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- Phantom: SAM Phantom_Left; Type: SAM V5.0; Serial: TP 1823
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (81x171x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.14 W/kg

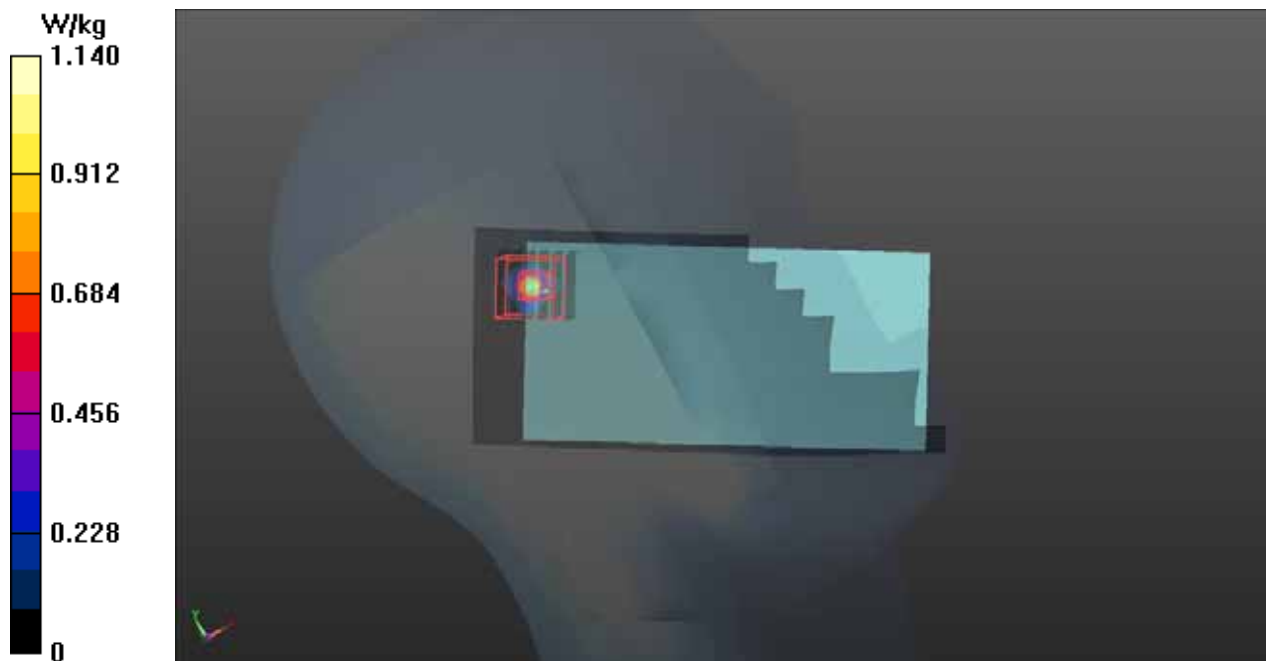
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 0.886 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 4.46 W/kg

SAR(1 g) = 0.488 W/kg; SAR(10 g) = 0.087 W/kg

Maximum value of SAR (measured) = 0.899 W/kg



P11 802.11a_Left Cheek_Ch149

DUT: 140324C25

Communication System: WLAN_5G; Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: H5G_0509 Medium parameters used: $f = 5745$ MHz; $\sigma = 5.431$ S/m; $\epsilon_r = 34.635$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(4.53, 4.53, 4.53); Calibrated: 2014/03/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- Phantom: SAM Phantom_Left; Type: SAM V5.0; Serial: TP 1823
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (81x171x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.820 W/kg

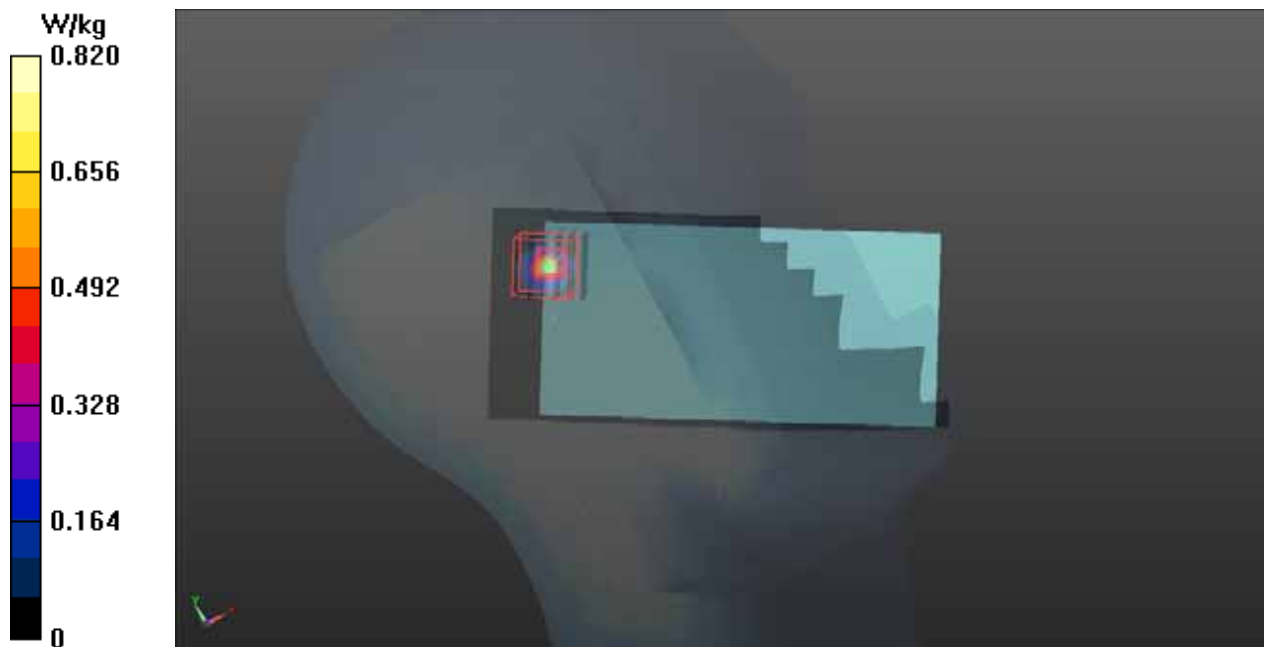
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 0.718 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 3.00 W/kg

SAR(1 g) = 0.338 W/kg; SAR(10 g) = 0.065 W/kg

Maximum value of SAR (measured) = 0.733 W/kg



P12 CDMA BC0_RTAP 153.6_Rear Face_1cm_Ch777_Ant0

DUT: 140324C25

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium: B835_0415 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.988$ S/m; $\epsilon_r = 55.193$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.5 °C; Liquid Temperature : 21.3 °C

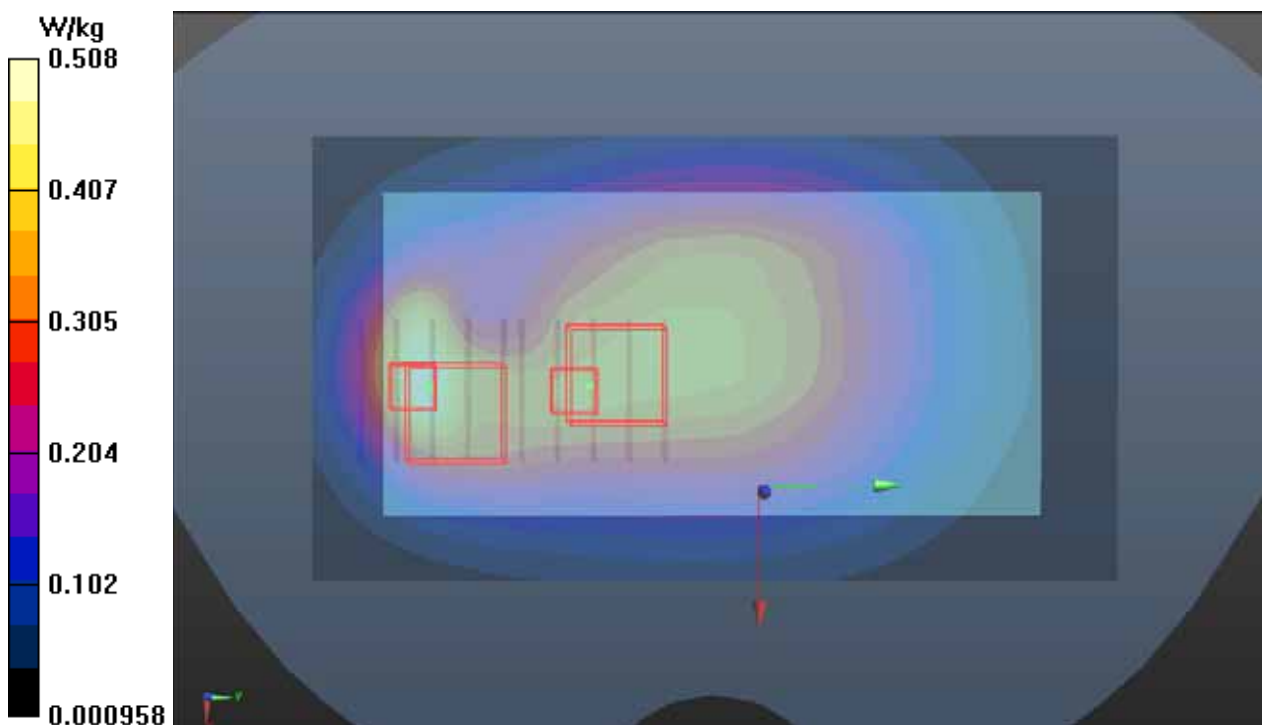
DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.31, 10.31, 10.31); Calibrated: 2014/03/04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- Phantom: SAM Phantom_Front; Type: QD000P40CD; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.508 W/kg

- **Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.887 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.447 W/kg
SAR(1 g) = 0.345 W/kg; SAR(10 g) = 0.266 W/kg
Maximum value of SAR (measured) = 0.401 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.887 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.577 W/kg
SAR(1 g) = 0.325 W/kg; SAR(10 g) = 0.203 W/kg
Maximum value of SAR (measured) = 0.420 W/kg



P13 CDMA BC1_RTAP 153.6_Front Face_1cm_Ant 0

DUT: 140324C25

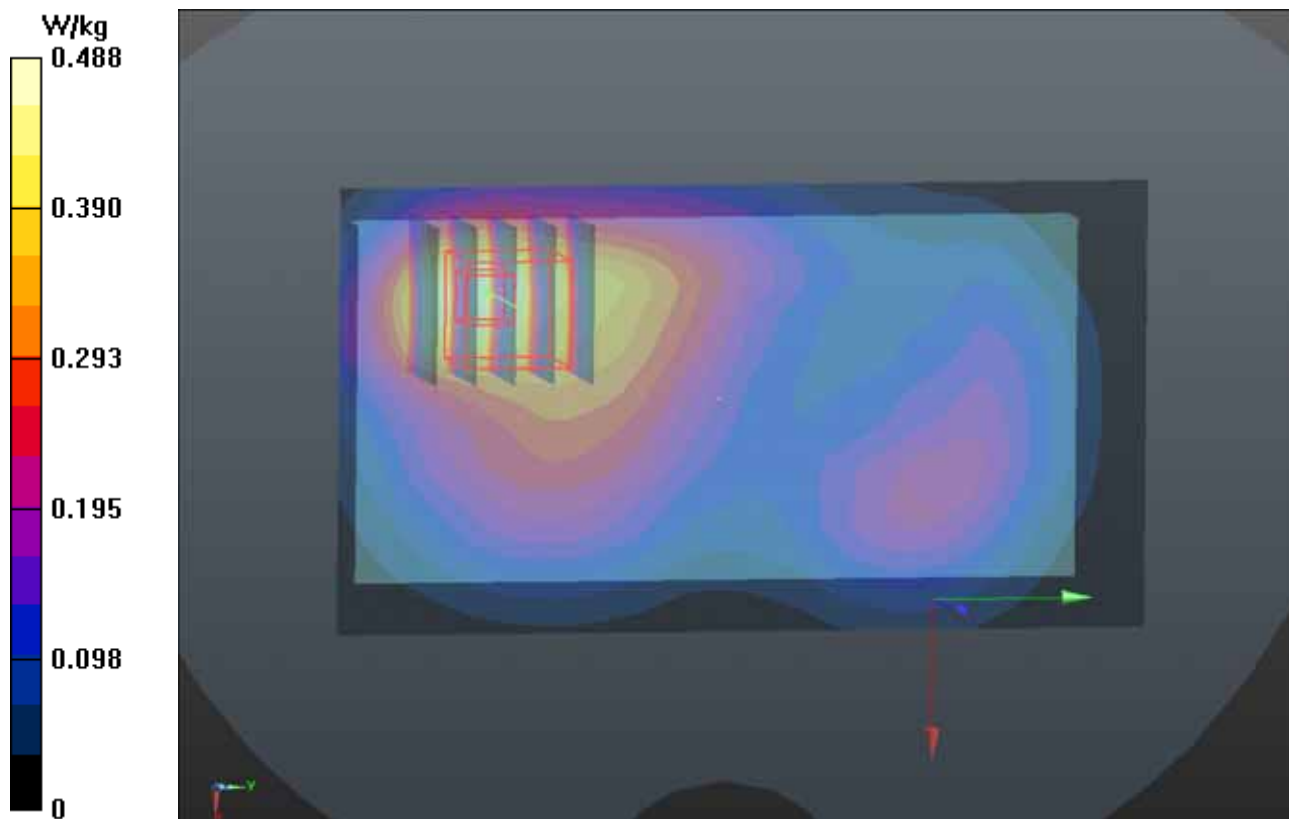
Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: B1900_0411 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.563$ S/m; $\epsilon_r = 54.838$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.2°C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.87, 7.87, 7.87); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Front; Type: QD000P40CB; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.488 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.792 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.557 W/kg
SAR(1 g) = 0.382 W/kg; SAR(10 g) = 0.245 W/kg
Maximum value of SAR (measured) = 0.477 W/kg



P14 CDMA BC10_RTAP153.6_Rear Face_1cm_Ch580_Ant 0

DUT: 140324C25

Communication System: CDMA2000; Frequency: 820.5 MHz; Duty Cycle: 1:1

Medium: B835_0410 Medium parameters used: $f = 820.5$ MHz; $\sigma = 0.962$ S/m; $\epsilon_r = 55.599$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3°C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(10.14, 10.14, 10.14); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.384 W/kg

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

Reference Value = 18.660 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.379 W/kg

SAR(1 g) = 0.306 W/kg; SAR(10 g) = 0.237 W/kg

Maximum value of SAR (measured) = 0.348 W/kg

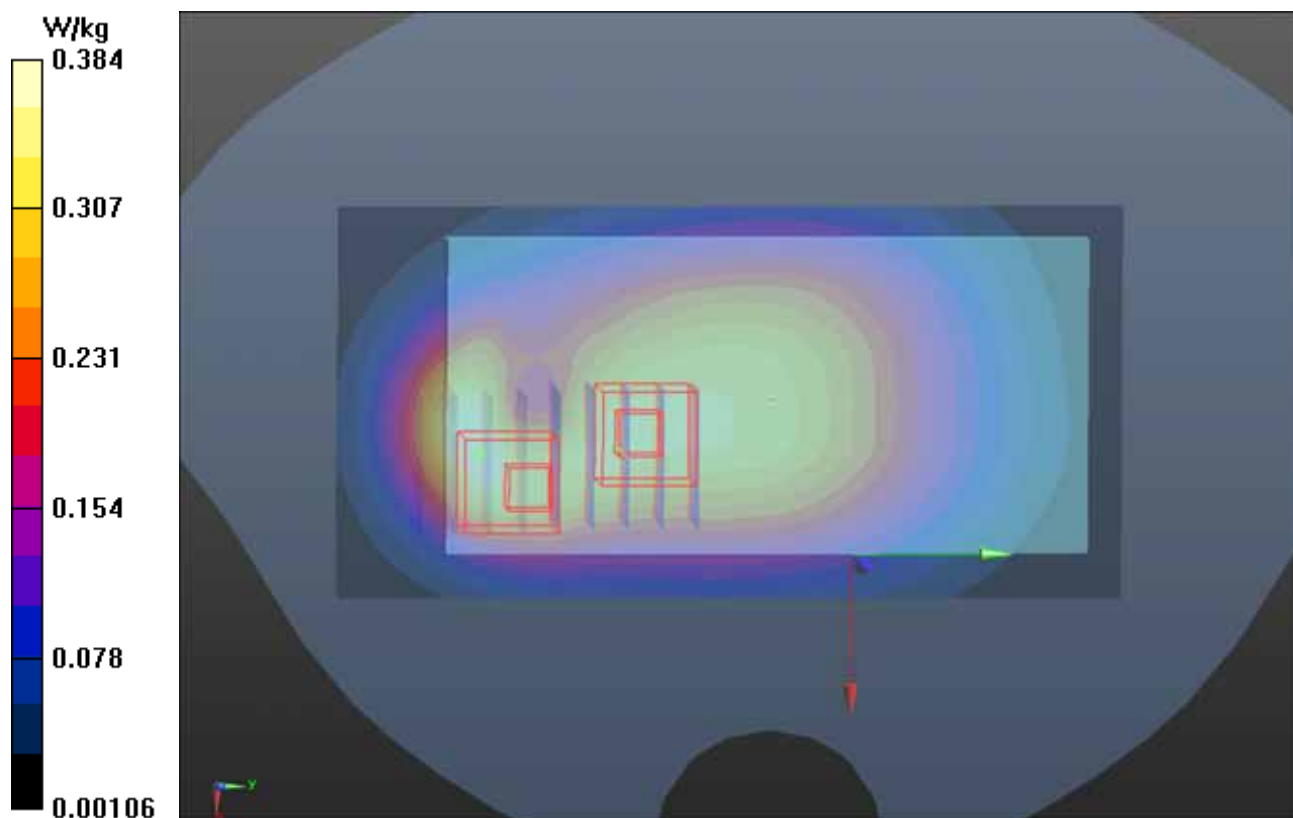
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.660 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.455 W/kg

SAR(1 g) = 0.276 W/kg; SAR(10 g) = 0.183 W/kg

Maximum value of SAR (measured) = 0.357 W/kg



P15 LTE 25_QPSK_20M_Front Face_1cm_Ch26140_Ant 0_1RB_OS50

DUT: 140324C25

Communication System: LTE 25; Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: B1900_0411 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.546$ S/m; $\epsilon_r = 54.856$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2°C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.87, 7.87, 7.87); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Front; Type: QD000P40CB; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.663 W/kg

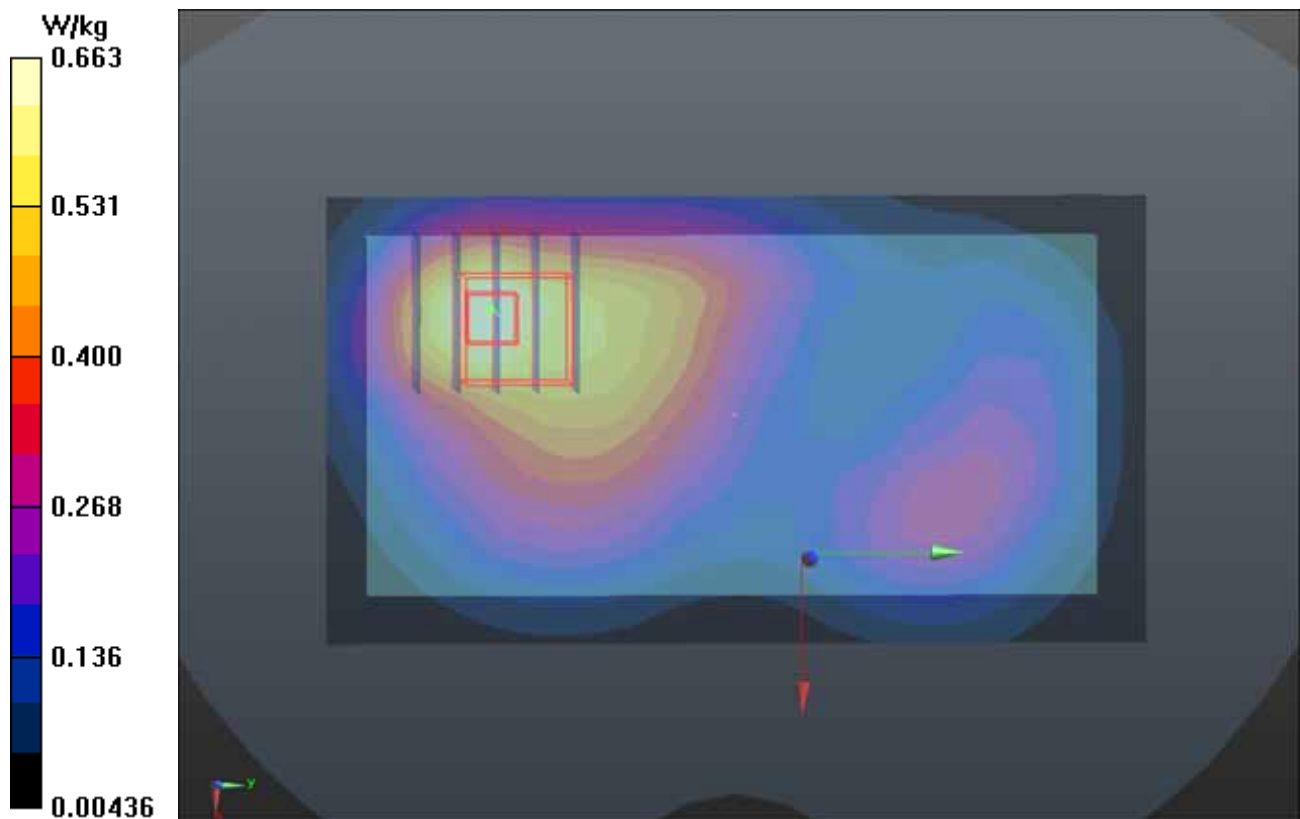
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.472 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.754 W/kg

SAR(1 g) = 0.518 W/kg; SAR(10 g) = 0.339 W/kg

Maximum value of SAR (measured) = 0.646 W/kg



P16 LTE 26_QPSK_15M_Rear Face_1cm_Ch26865_Ant 0_1RB_OS37

DUT: 140324C25

Communication System: LTE26; Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: B835_0410 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.972$ S/m; $\epsilon_r = 55.529$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3°C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(10.14, 10.14, 10.14); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.660 W/kg

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

Reference Value = 22.662 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.725 W/kg

SAR(1 g) = 0.507 W/kg; SAR(10 g) = 0.368 W/kg

Maximum value of SAR (measured) = 0.610 W/kg

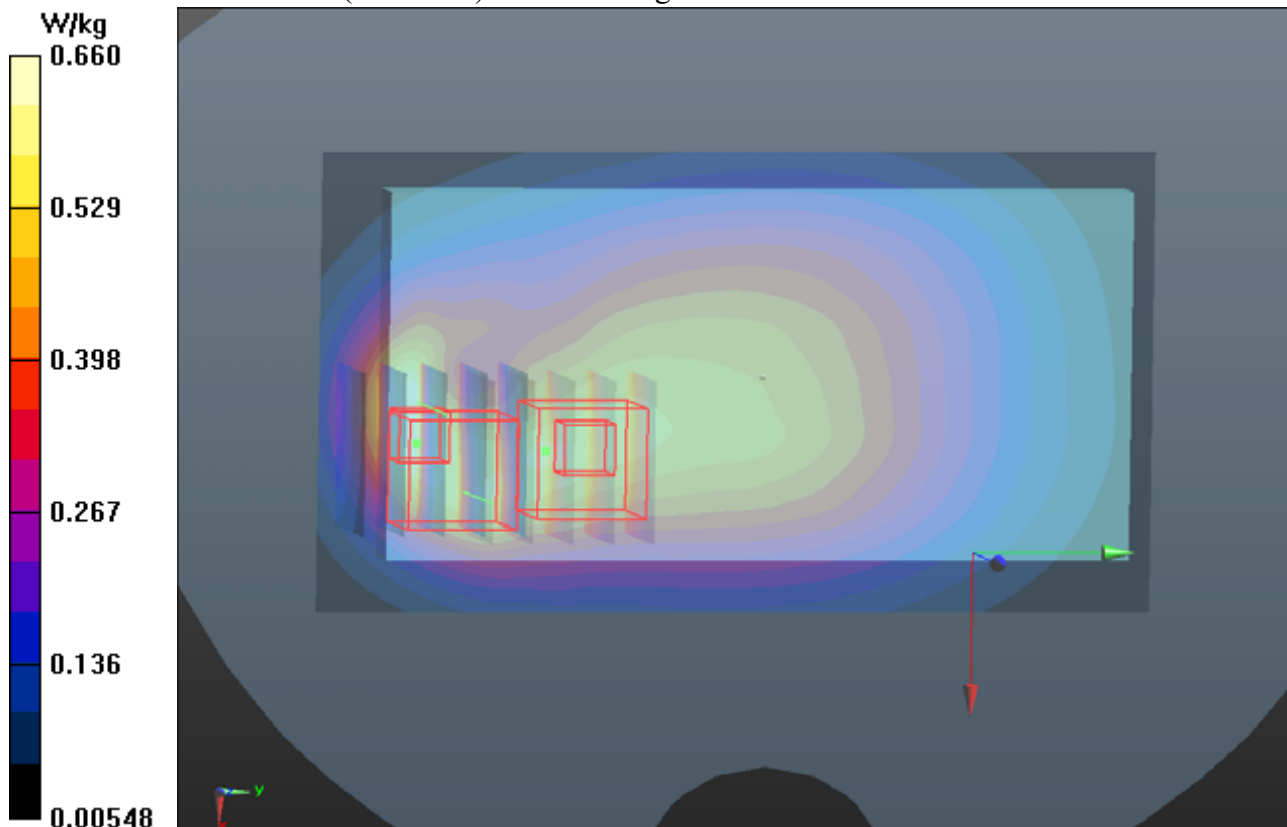
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.662 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.859 W/kg

SAR(1 g) = 0.485 W/kg; SAR(10 g) = 0.303 W/kg

Maximum value of SAR (measured) = 0.686 W/kg



P17 LTE 41_QPSK_20M_Front Face_1cm_Ch39750_Ant0_1RB_OS50

DUT: 140324C25

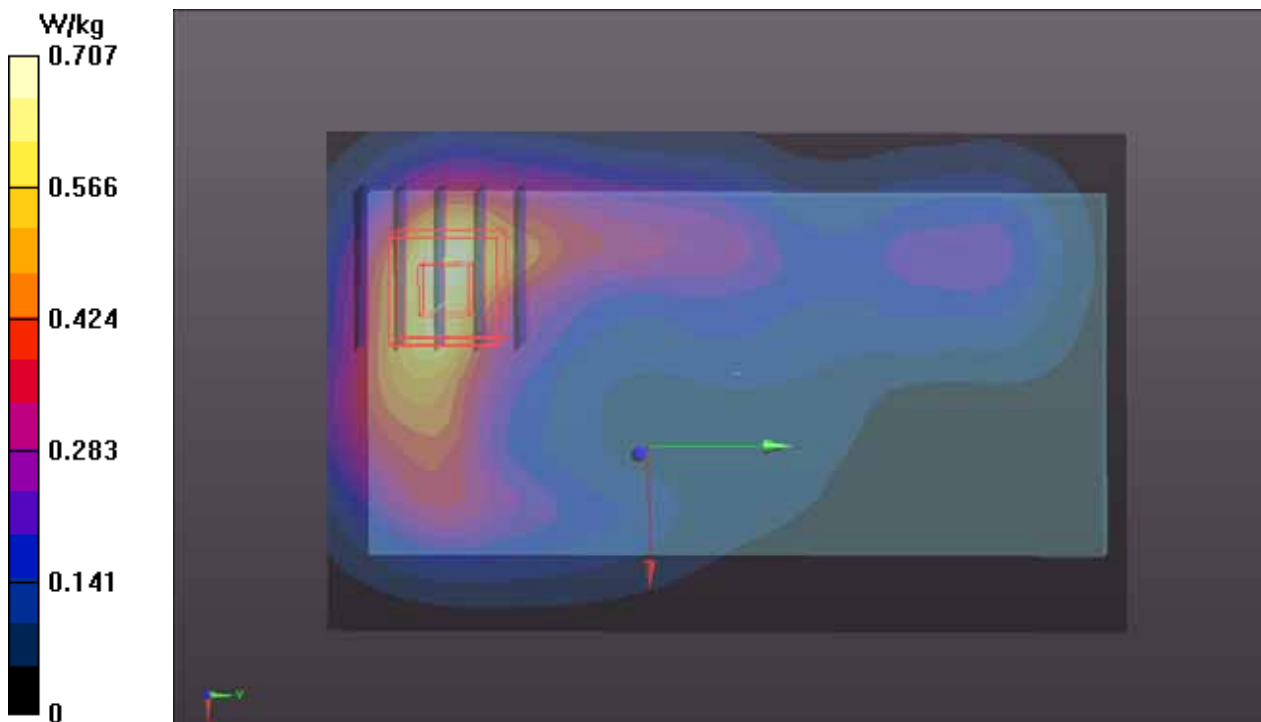
Communication System: LTE TDD CF0; Frequency: 2506 MHz; Duty Cycle: 1:1.58
Medium: B2600_0414 Medium parameters used: $f = 2506$ MHz; $\sigma = 2.057$ S/m; $\epsilon_r = 52.417$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.4 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(7.49, 7.49, 7.49); Calibrated: 2014/03/04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: TP:1206
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (51x81x1):** Interpolated grid: dx=2.000 mm, dy=2.000 mm
Maximum value of SAR (interpolated) = 0.707 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.886 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.868 W/kg
SAR(1 g) = 0.475 W/kg; SAR(10 g) = 0.270 W/kg
Maximum value of SAR (measured) = 0.663 W/kg



P18 802.11b_Front Face_1cm_Ch6

DUT: 140324C25

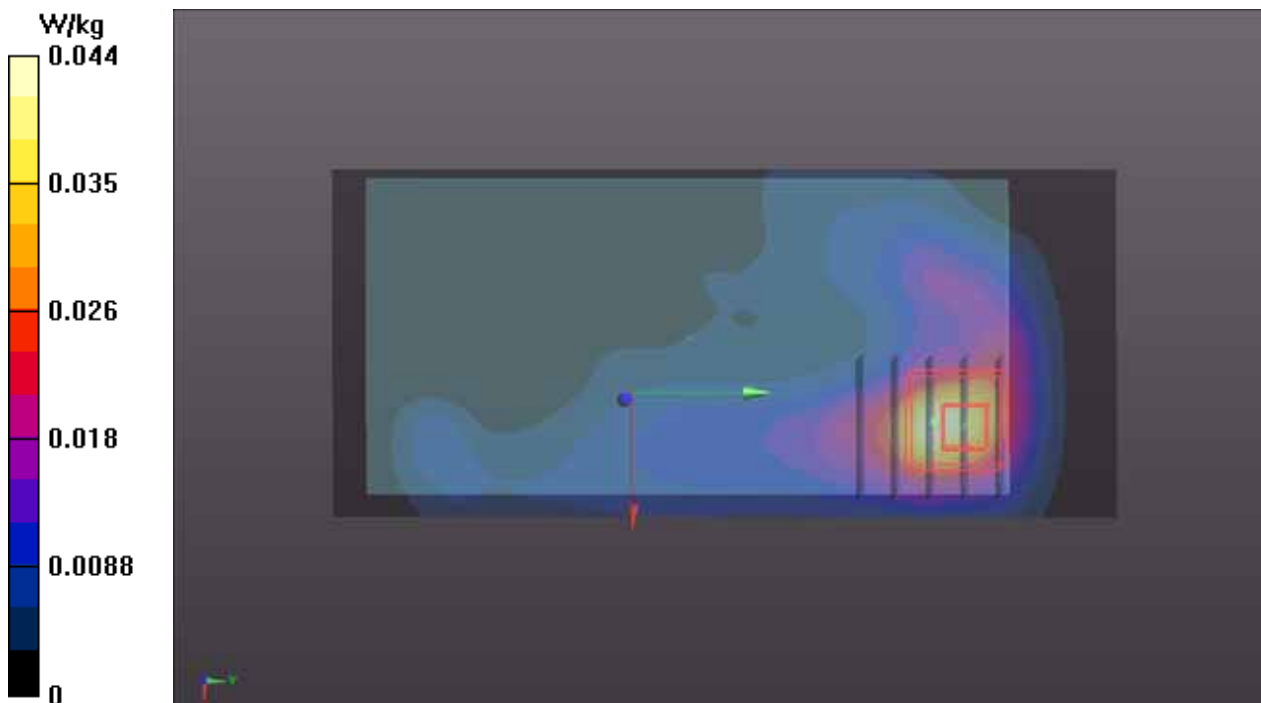
Communication System: WLAN_2.4G; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium: B2450_0513 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.954$ S/m; $\epsilon_r = 51.418$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.6 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(7.72, 7.72, 7.72); Calibrated: 2014/03/04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- Phantom: ELI v5.0_Right; Type: QD OVA 002 AA; Serial: SN:1245
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (71x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0440 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.929 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.0580 W/kg
SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.011 W/kg
Maximum value of SAR (measured) = 0.0459 W/kg



P19 802.11a_Front Face_1cm_Ch149

DUT: 140324C25

Communication System: WLAN_5G; Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: B5G_0502 Medium parameters used: $f = 5745$ MHz; $\sigma = 6.086$ S/m; $\epsilon_r = 46.241$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8°C; Liquid Temperature : 20.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(4.23, 4.23, 4.23); Calibrated: 2014/04/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Left; Type: SAM V5.0; Serial: TP 1823
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (81x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.000825 W/kg

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

Reference Value = 0.449 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.0140 W/kg

SAR(1 g) = 7.71e-005 W/kg; SAR(10 g) = 1.47e-005 W/kg

Maximum value of SAR (measured) = 0.0137 W/kg

