



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 GSM850_GPRS12_Left Cheek_Ch128

DUT: 140409C03

Communication System: GPRS12; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: H835_0428 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.909$ S/m; $\epsilon_r = 41.776$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.52, 10.52, 10.52); 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 (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.803 W/kg

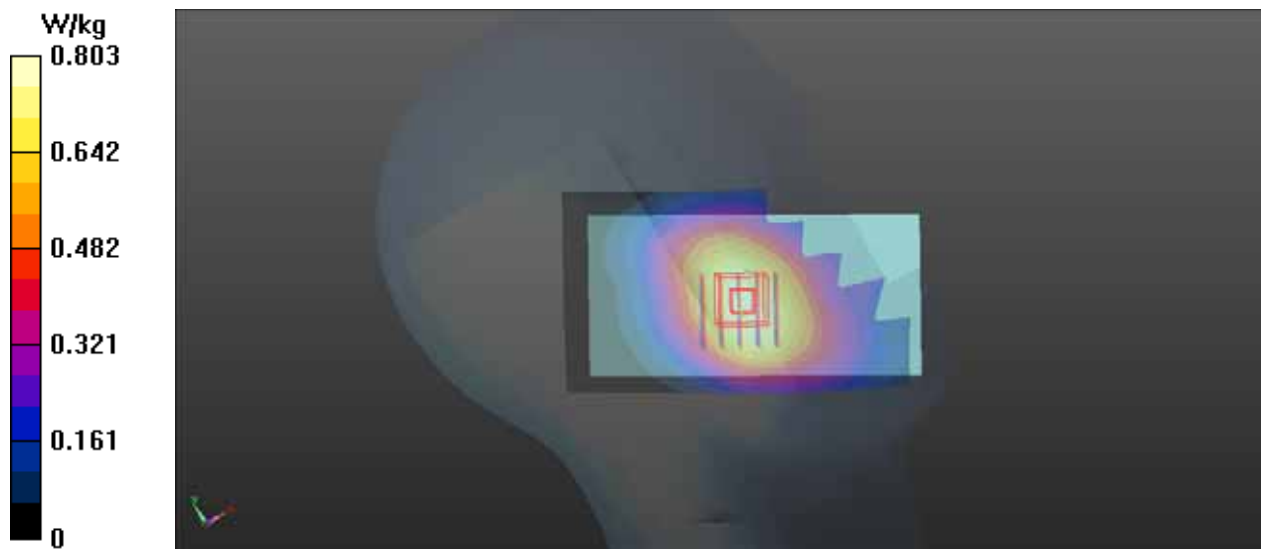
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.562 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.867 W/kg

SAR(1 g) = 0.710 W/kg; SAR(10 g) = 0.562 W/kg

Maximum value of SAR (measured) = 0.794 W/kg



P02 GSM1900_GPRS12_Right Cheek_Ch512

DUT: 140409C03

Communication System: GPRS12; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: H1900_0428 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.385$ S/m; $\epsilon_r = 39.313$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8°C; Liquid Temperature : 20.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.7, 8.7, 8.7); Calibrated: 2014/03/04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- Phantom: SAM Phantom_Front; Type: SAM V5.0; Serial: TP 1822
- 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) = 0.0907 W/kg

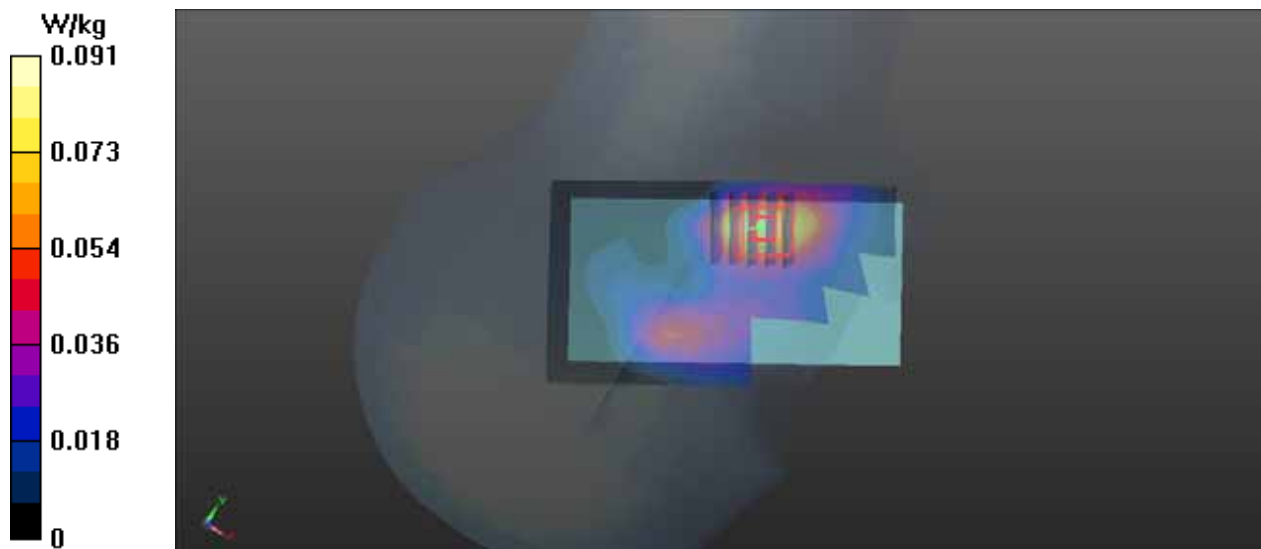
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.226 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.102 W/kg

SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.039 W/kg

Maximum value of SAR (measured) = 0.0860 W/kg



P03 WCDMA II_RMC12.2K_Right Cheek_Ch9400

DUT: 140409C03

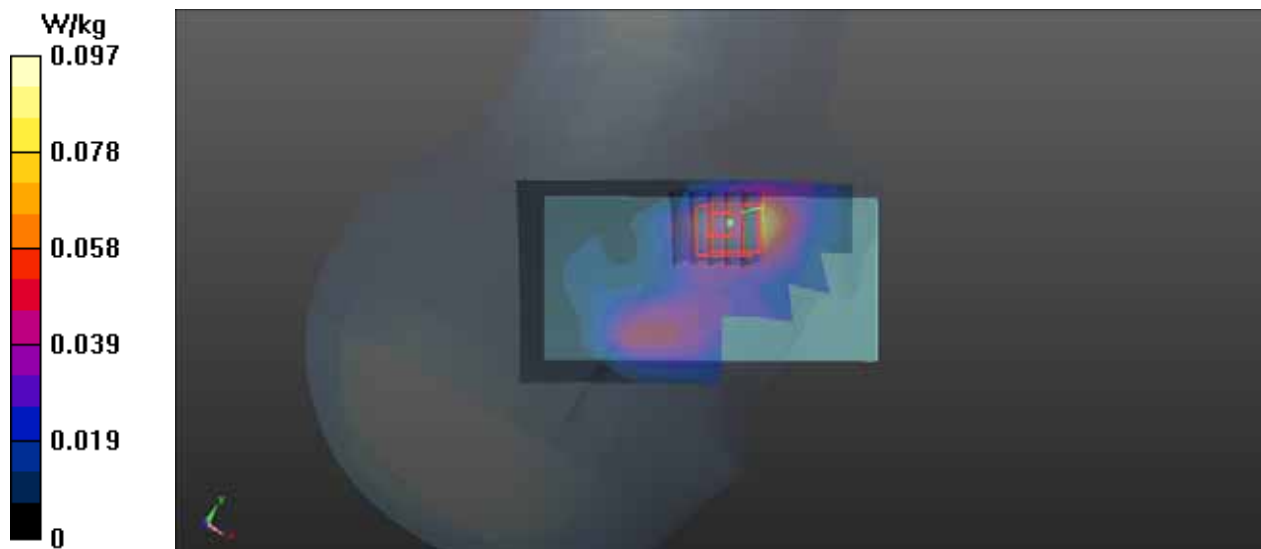
Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: H1900_0428 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.416$ S/m; $\epsilon_r = 39.173$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.8°C; Liquid Temperature : 20.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.7, 8.7, 8.7); Calibrated: 2014/03/04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- Phantom: SAM Phantom_Front; Type: SAM V5.0; Serial: TP 1822
- 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) = 0.0975 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.706 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.0990 W/kg
SAR(1 g) = 0.069 W/kg; SAR(10 g) = 0.040 W/kg
Maximum value of SAR (measured) = 0.0915 W/kg



P04 WCDMA V_RMC12.2K_Left Cheek_Ch4182**DUT: 140409C03**

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

Medium: H835_0428 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.922$ S/m; $\epsilon_r = 41.608$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.52, 10.52, 10.52); 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 (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.478 W/kg

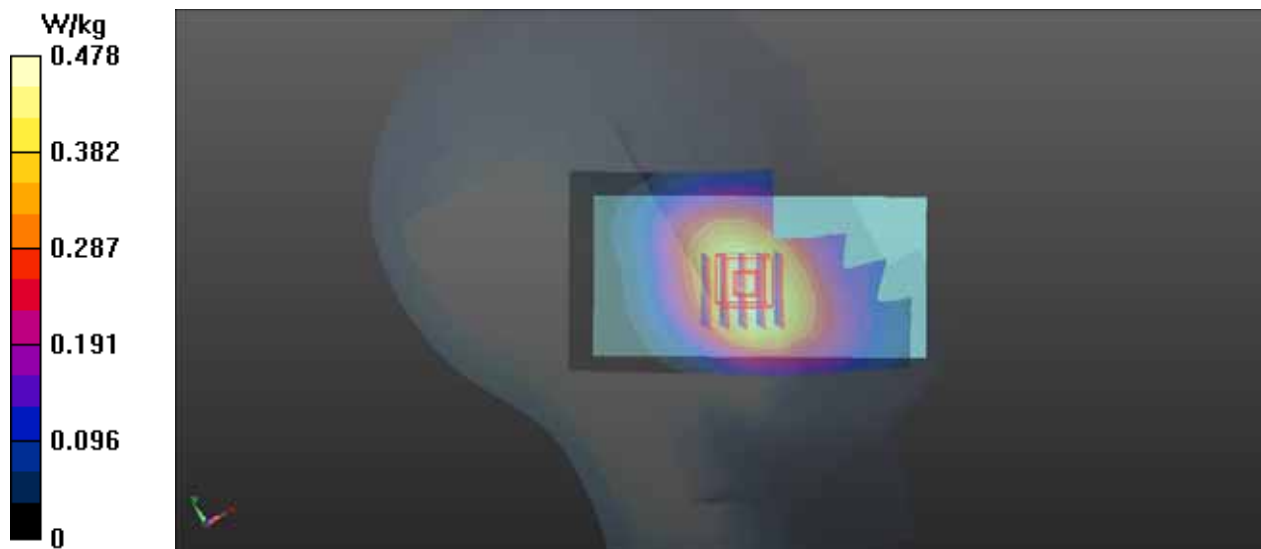
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.738 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.513 W/kg

SAR(1 g) = 0.422 W/kg; SAR(10 g) = 0.333 W/kg

Maximum value of SAR (measured) = 0.439 W/kg



P05 CDMA BC0_RC3+SO55_Left Cheek_Ch384

DUT: 140409C03

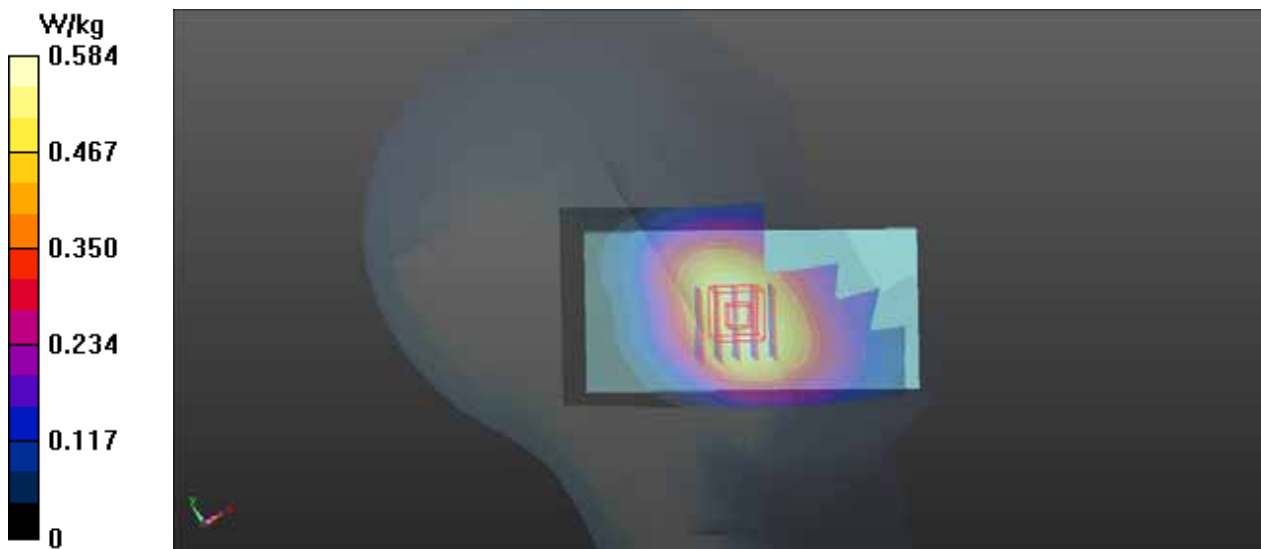
Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium: H835_0428 Medium parameters used: $f = 837$ MHz; $\sigma = 0.922$ S/m; $\epsilon_r = 41.6$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.6°C; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.52, 10.52, 10.52); 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 (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.584 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.570 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.633 W/kg
SAR(1 g) = 0.519 W/kg; SAR(10 g) = 0.409 W/kg
Maximum value of SAR (measured) = 0.581 W/kg



P06 LTE 17_QPSK_10M_Right Cheek_Ch23800_1RB_OS24

DUT: 140409C03

Communication System: LTE; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: H750_0428 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.86 \text{ S/m}$; $\epsilon_r = 40.728$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 21.7°C ; Liquid Temperature : 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.89, 10.89, 10.89); 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 (61x111x1):** Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.545 W/kg

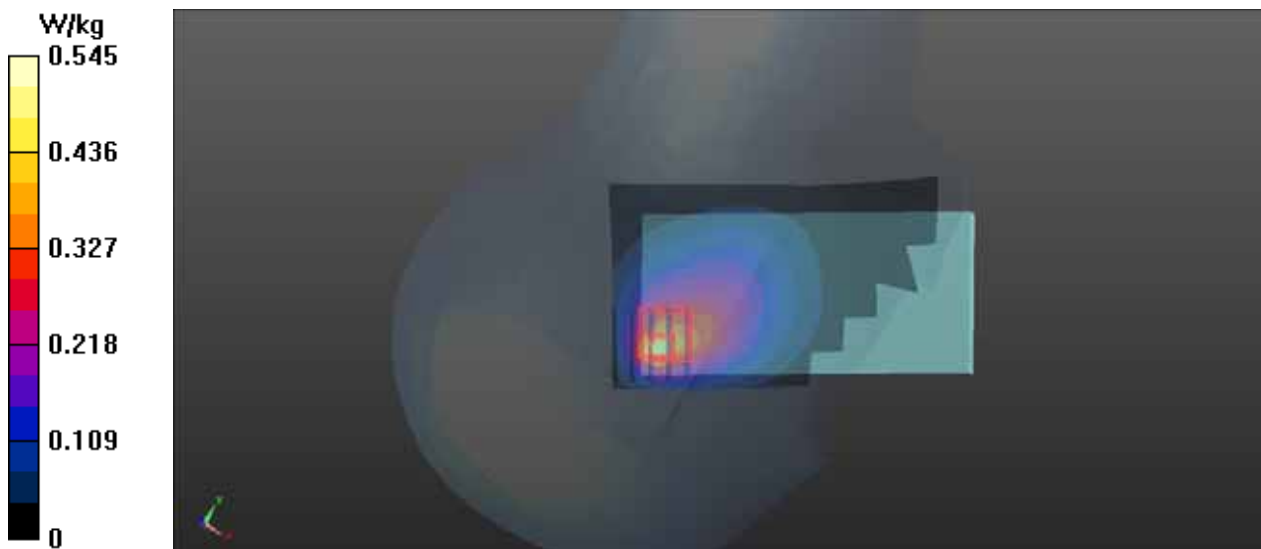
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.068 V/m ; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.677 W/kg

SAR(1 g) = 0.330 W/kg ; SAR(10 g) = 0.203 W/kg

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



P07 LTE 41_QPSK_20M_Left Cheek_Ch41490_1RB_OS50

DUT: 140409C03

Communication System: LTE; Frequency: 2680 MHz; Duty Cycle: 1:1.58

Medium: H2600_0429 Medium parameters used: $f = 2680$ MHz; $\sigma = 2.149$ S/m; $\epsilon_r = 37.296$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2°C; Liquid Temperature : 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(7.76, 7.76, 7.76); Calibrated: 2014/03/04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- Phantom: SAM Phantom_Front; Type: SAM V5.0; Serial: TP 1822
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (91x141x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0573 W/kg

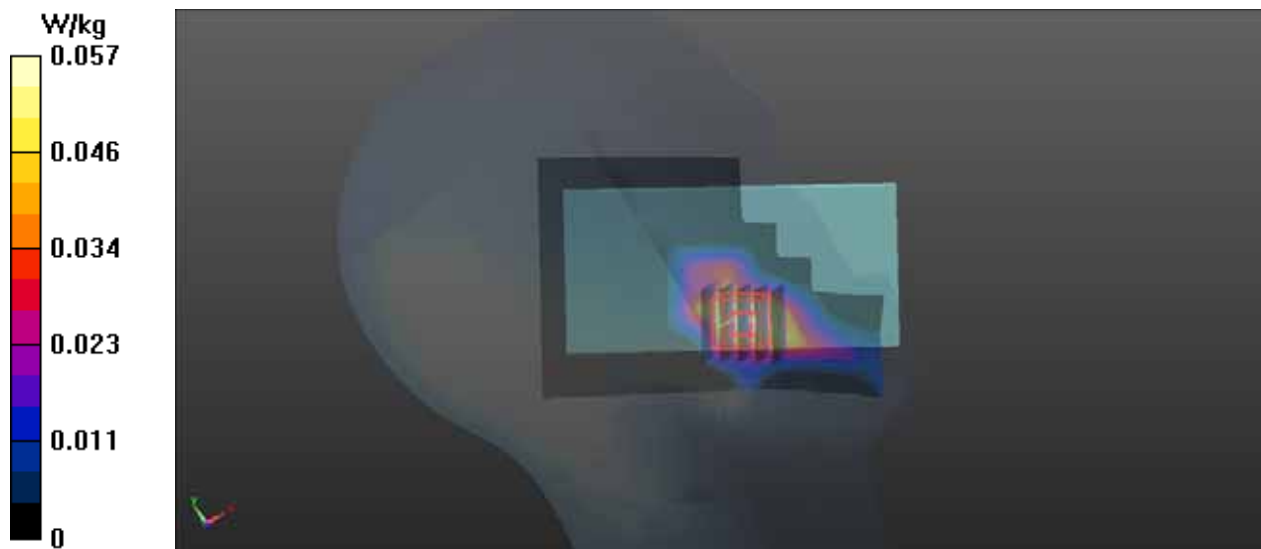
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.195 W/kg

SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.016 W/kg

Maximum value of SAR (measured) = 0.0535 W/kg



P08 802.11b_Left Cheek_Ch6

DUT: 140409C03

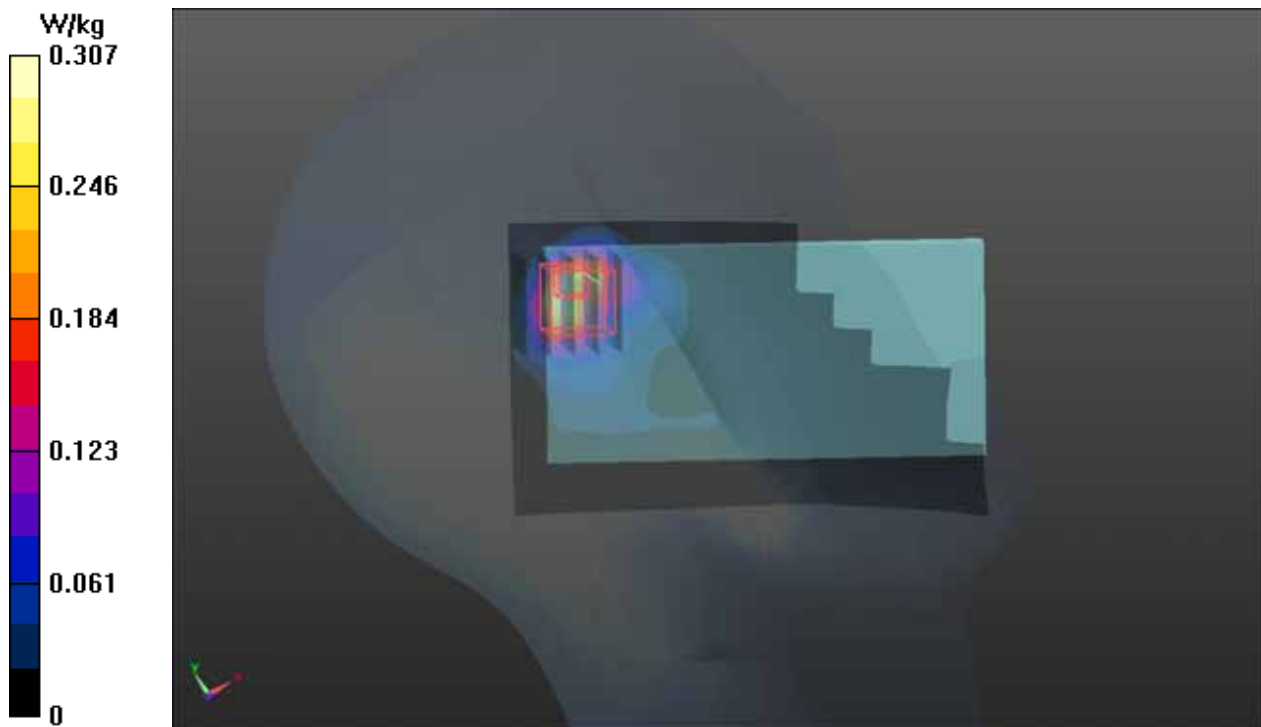
Communication System: WLAN_2.4G; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium: H2450_0506 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.847$ S/m; $\epsilon_r = 38.652$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.9 °C

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_Front; Type: QD000P40CD; Serial: TP 1654
- 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) = 0.307 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.879 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.481 W/kg
SAR(1 g) = 0.180 W/kg; SAR(10 g) = 0.081 W/kg
Maximum value of SAR (measured) = 0.269 W/kg



P09 802.11a_Left Cheek_Ch48

DUT: 140409C03

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

Medium: H5G_0506 Medium parameters used: $f = 5240$ MHz; $\sigma = 4.832$ S/m; $\epsilon_r = 35.431$; $\rho = 1000$ kg/m³

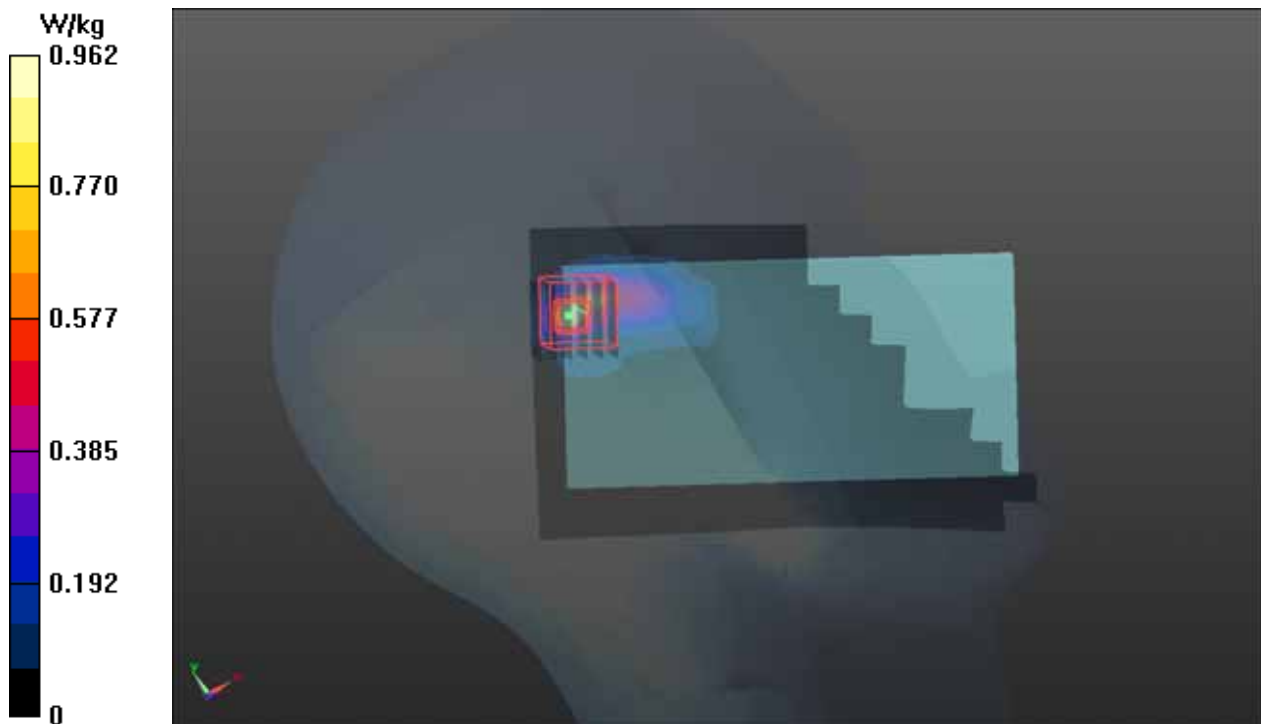
Ambient Temperature : 21.8 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(5.57, 5.57, 5.57); Calibrated: 2014/03/04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1653
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (101x161x1)**: Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.962 W/kg

- **Zoom Scan (6x6x12)/Cube 0**: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 4.286 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.27 W/kg
SAR(1 g) = 0.482 W/kg; SAR(10 g) = 0.133 W/kg
Maximum value of SAR (measured) = 0.980 W/kg



P10 802.11a_Left Cheek_Ch64

DUT: 140409C03

Communication System: WLAN_5G; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: H5G_0506 Medium parameters used: $f = 5320$ MHz; $\sigma = 4.921$ S/m; $\epsilon_r = 35.314$; $\rho = 1000$ kg/m³

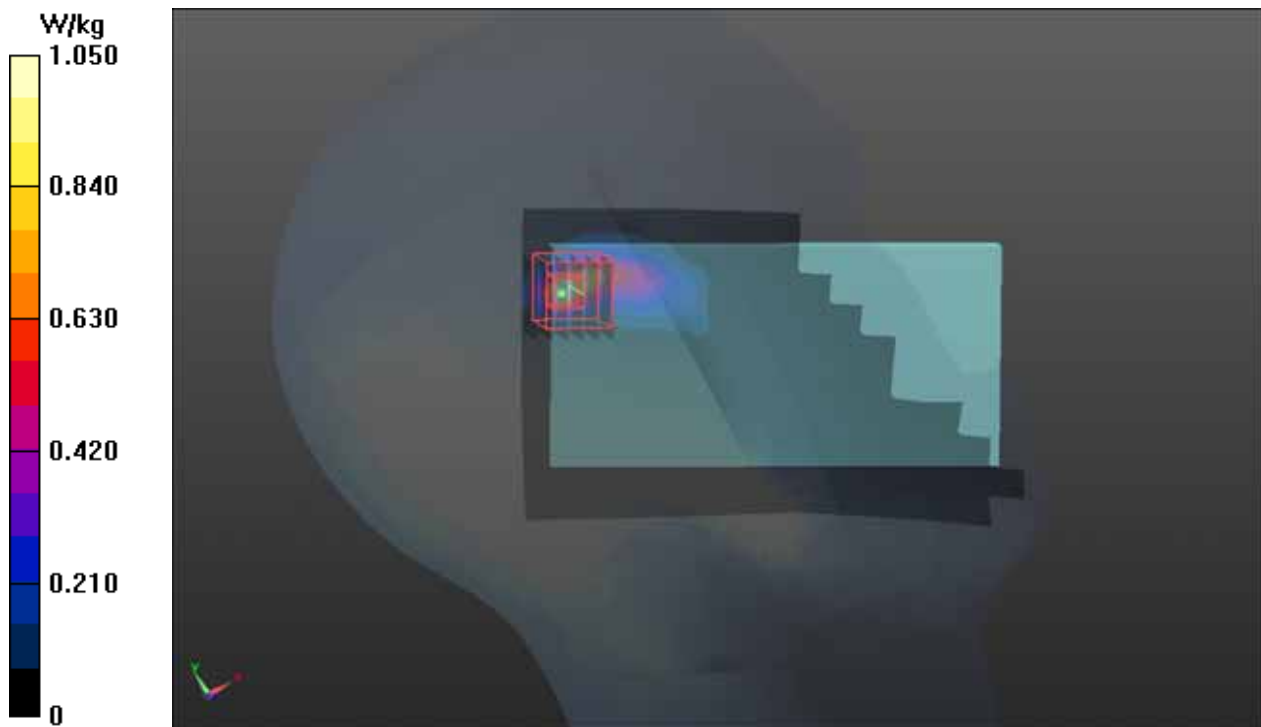
Ambient Temperature : 21.8 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(5.33, 5.33, 5.33); Calibrated: 2014/03/04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1653
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (101x161x1)**: Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.12 W/kg

- **Zoom Scan (6x6x12)/Cube 0**: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 3.565 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 2.28 W/kg
SAR(1 g) = 0.497 W/kg; SAR(10 g) = 0.131 W/kg
Maximum value of SAR (measured) = 1.05 W/kg



P11 802.11a_Left Cheek_Ch100

DUT: 140409C03

Communication System: WLAN_5G; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: H5G_0506 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.134$ S/m; $\epsilon_r = 34.946$; $\rho = 1000$ kg/m³

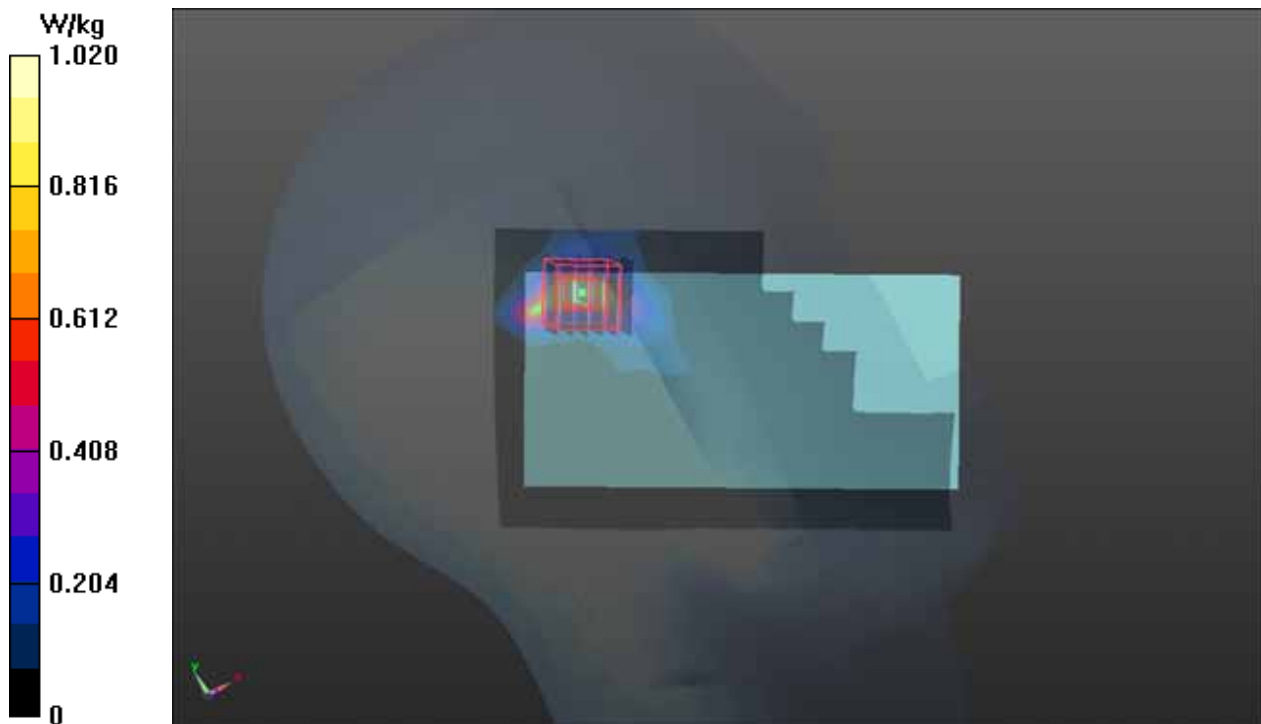
Ambient Temperature : 21.8 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(5.06, 5.06, 5.06); Calibrated: 2014/03/04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1653
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (101x161x1)**: Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.02 W/kg

- **Zoom Scan (6x6x12)/Cube 0**: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 2.926 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 2.31 W/kg
SAR(1 g) = 0.505 W/kg; SAR(10 g) = 0.152 W/kg
Maximum value of SAR (measured) = 1.02 W/kg



P12 802.11a_Left Cheek_Ch149

DUT: 140409C03

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

Medium: H5G_0506 Medium parameters used: $f = 5745$ MHz; $\sigma = 5.414$ S/m; $\epsilon_r = 34.563$; $\rho = 1000$ kg/m³

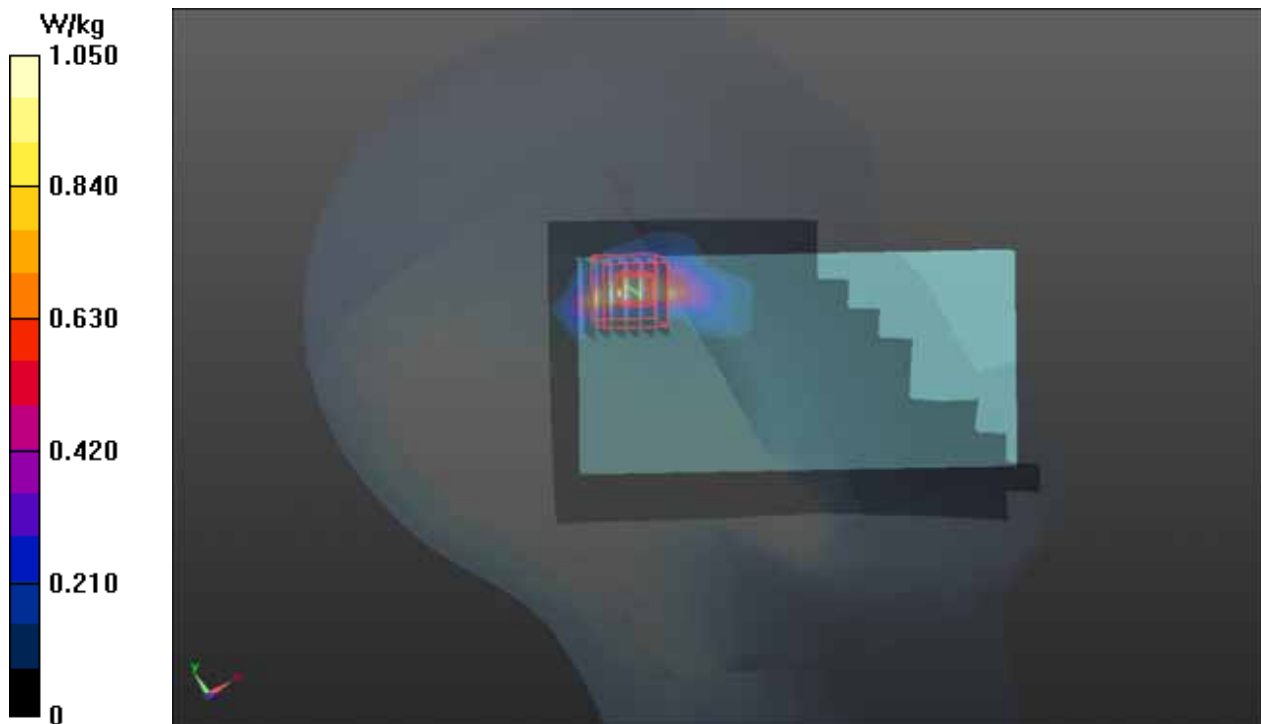
Ambient Temperature : 21.8 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.89, 4.89, 4.89); Calibrated: 2014/03/04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1653
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (101x161x1)**: Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.05 W/kg

- **Zoom Scan (6x6x12)/Cube 0**: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 0 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.60 W/kg
SAR(1 g) = 0.383 W/kg; SAR(10 g) = 0.119 W/kg
Maximum value of SAR (measured) = 0.852 W/kg



P13 GSM850_GPRS12_Rear Face_1cm_Ch128

DUT: 140409C03

Communication System: GPRS12; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: B835_0429 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.965$ S/m; $\epsilon_r = 55.641$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.9°C; Liquid Temperature : 21.1°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_Left; Type: SAM V5.0; Serial: TP 1823
- 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) = 0.866 W/kg

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

Reference Value = 29.582 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.952 W/kg

SAR(1 g) = 0.742 W/kg; SAR(10 g) = 0.574 W/kg

Maximum value of SAR (measured) = 0.854 W/kg

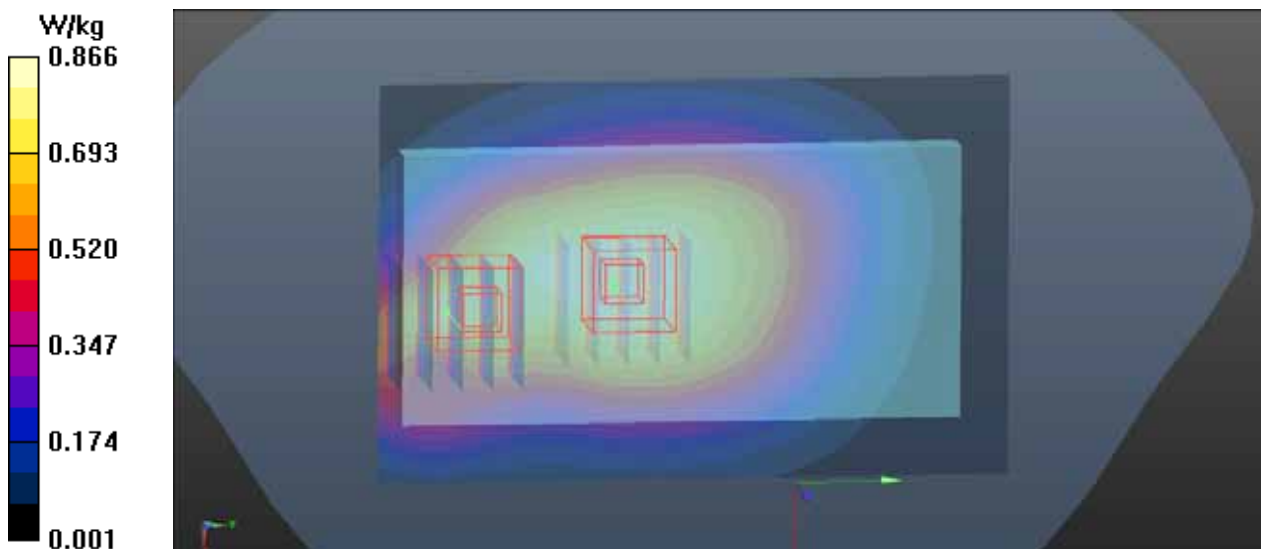
- **Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.582 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.612 W/kg; SAR(10 g) = 0.392 W/kg

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



P14 GSM1900_GPRS12_Rear Face_1cm_Ch512

DUT: 140409C03

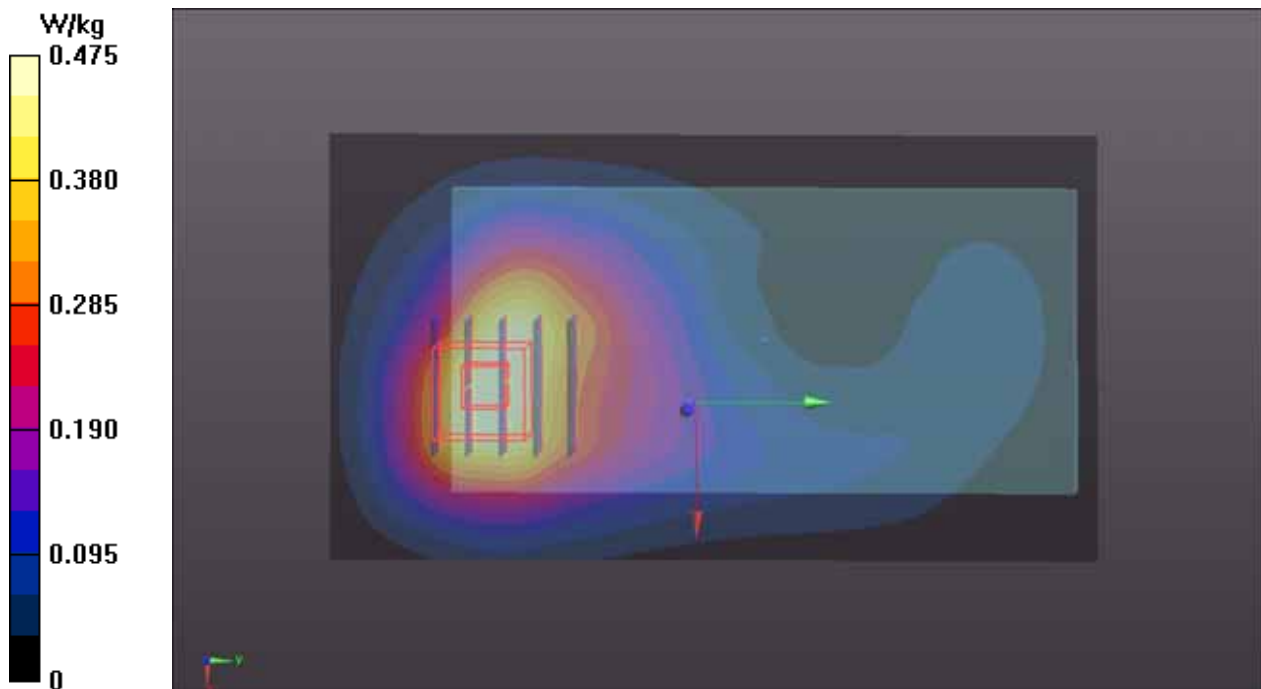
Communication System: GPRS12; Frequency: 1850.2 MHz; Duty Cycle: 1:2
Medium: B1900_0501 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.52$ S/m; $\epsilon_r = 54.645$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.7 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.68, 7.68, 7.68); Calibrated: 2014/03/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- 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 (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.475 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.060 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.792 W/kg
SAR(1 g) = 0.506 W/kg; SAR(10 g) = 0.294 W/kg
Maximum value of SAR (measured) = 0.645 W/kg



P15 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9400

DUT: 140409C03

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

Medium: B1900_0501 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.544$ S/m; $\epsilon_r = 54.627$; $\rho = 1000$ kg/m³

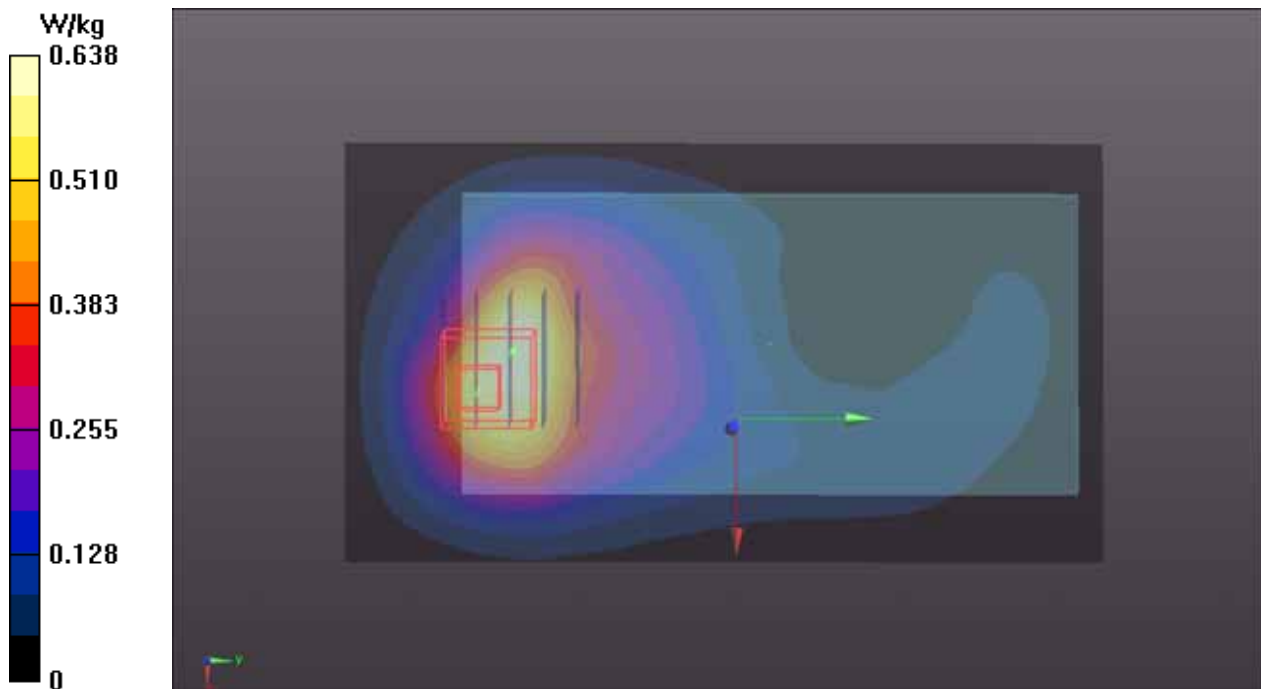
Ambient Temperature : 21.7 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.68, 7.68, 7.68); Calibrated: 2014/03/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- 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 (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.638 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.236 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.985 W/kg
SAR(1 g) = 0.619 W/kg; SAR(10 g) = 0.349 W/kg
Maximum value of SAR (measured) = 0.829 W/kg



P16 WCDMA V_RMC12.2K_Rear Face_1cm_Ch4182

DUT: 140409C03

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium: B835_0429 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.977$ S/m; $\epsilon_r = 55.569$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.9°C; Liquid Temperature : 21.1°C

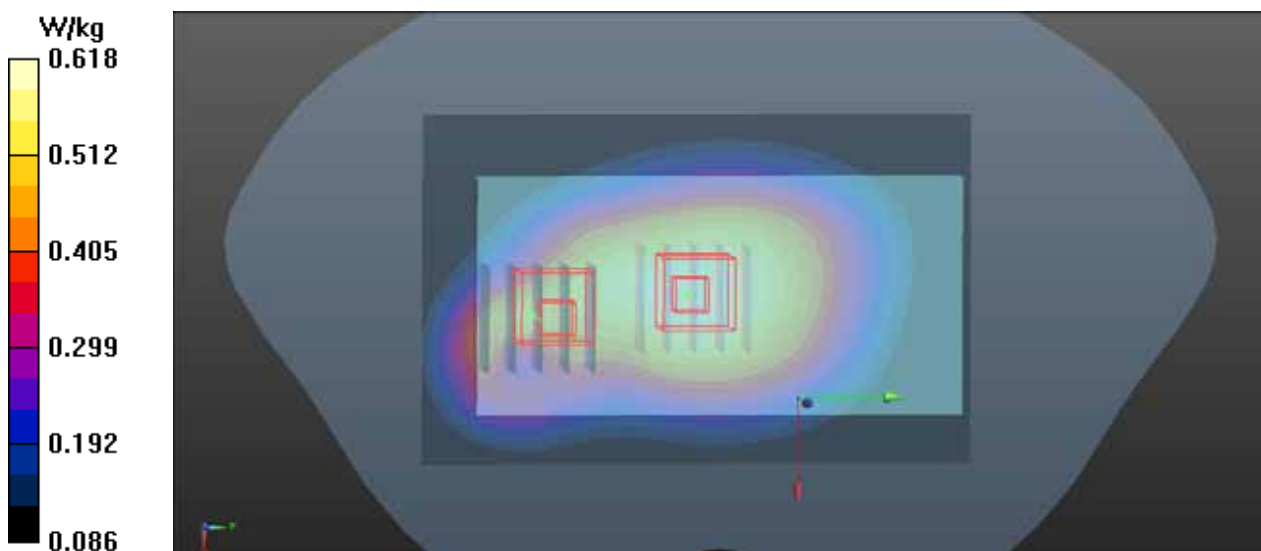
DASY5 Configuration:

- 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_Left; Type: SAM V5.0; Serial: TP 1823
- 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) = 0.615 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.419 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.689 W/kg
SAR(1 g) = 0.534 W/kg; SAR(10 g) = 0.411 W/kg
Maximum value of SAR (measured) = 0.618 W/kg

- **Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.419 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.714 W/kg
SAR(1 g) = 0.415 W/kg; SAR(10 g) = 0.267 W/kg
Maximum value of SAR (measured) = 0.557 W/kg



P17 CDMA BC0_RTAP 153.6_Rear Face_1cm_Ch384

DUT: 140409C03

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: B835_0429 Medium parameters used: $f = 837$ MHz; $\sigma = 0.977$ S/m; $\epsilon_r = 55.566$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.9°C; Liquid Temperature : 21.1°C

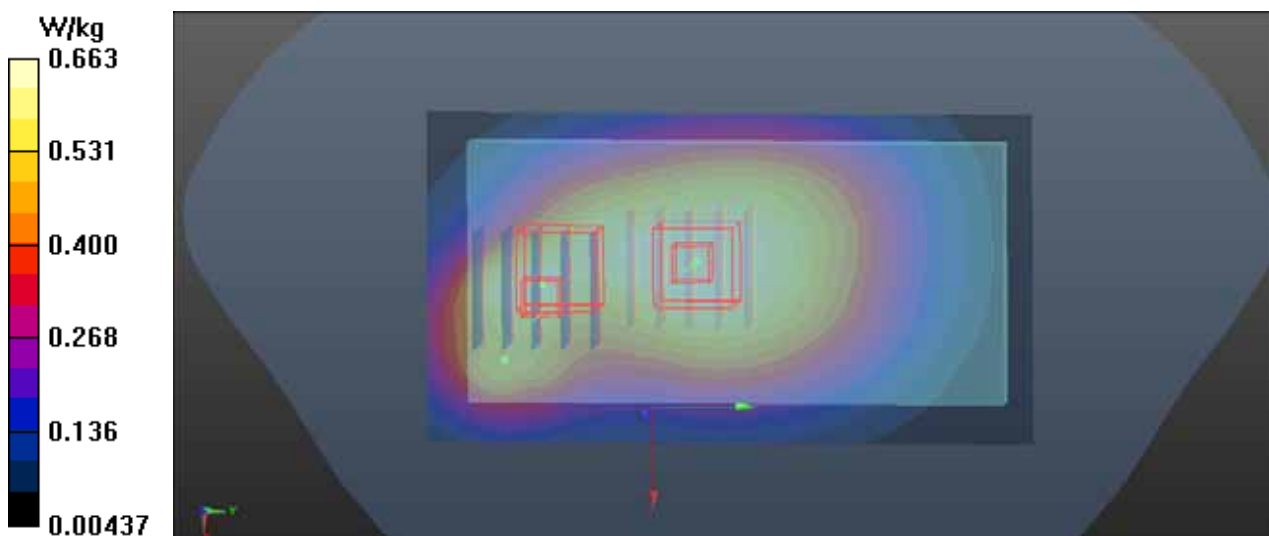
DASY5 Configuration:

- 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_Left; Type: SAM V5.0; Serial: TP 1823
- 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 = 25.842 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.742 W/kg
SAR(1 g) = 0.578 W/kg; SAR(10 g) = 0.447 W/kg
Maximum value of SAR (measured) = 0.666 W/kg

- **Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.842 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.860 W/kg
SAR(1 g) = 0.494 W/kg; SAR(10 g) = 0.328 W/kg
Maximum value of SAR (measured) = 0.663 W/kg



P18 LTE 17_QPSK_10M_Rear Face_1cm_Ch23800_1RB_OS24

DUT: 140409C03

Communication System: LTE; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: B750_0429 Medium parameters used: $f = 711$ MHz; $\sigma = 0.936$ S/m; $\epsilon_r = 55.765$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.9°C; Liquid Temperature : 21.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.39, 10.39, 10.39); 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 (71x111x1)**: Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

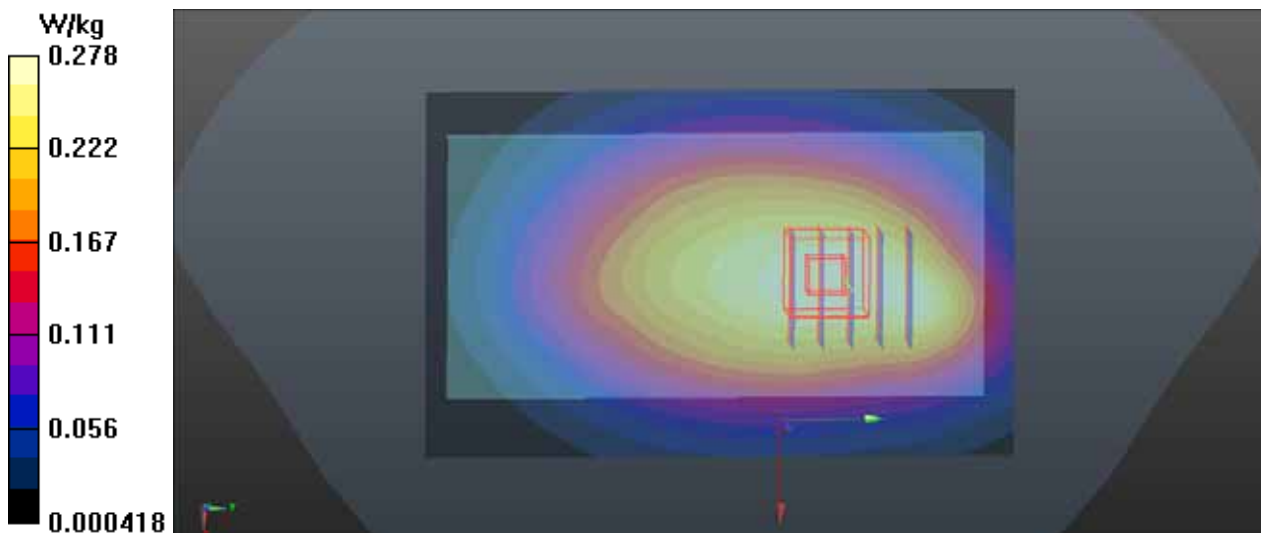
- **Zoom Scan (5x5x7)/Cube 0**: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.477 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.306 W/kg

SAR(1 g) = 0.241 W/kg; SAR(10 g) = 0.186 W/kg

Maximum value of SAR (measured) = 0.277 W/kg



P19 LTE 41_QPSK_20M_Rear Face_1cm_Ch41490_1RB_OS50

DUT: 140409C03

Communication System: LTE TDD CF0; Frequency: 2680 MHz; Duty Cycle: 1:1.58

Medium: B2600_0501 Medium parameters used: $f = 2680$ MHz; $\sigma = 2.306$ S/m; $\epsilon_r = 51.89$; $\rho = 1000$ kg/m³

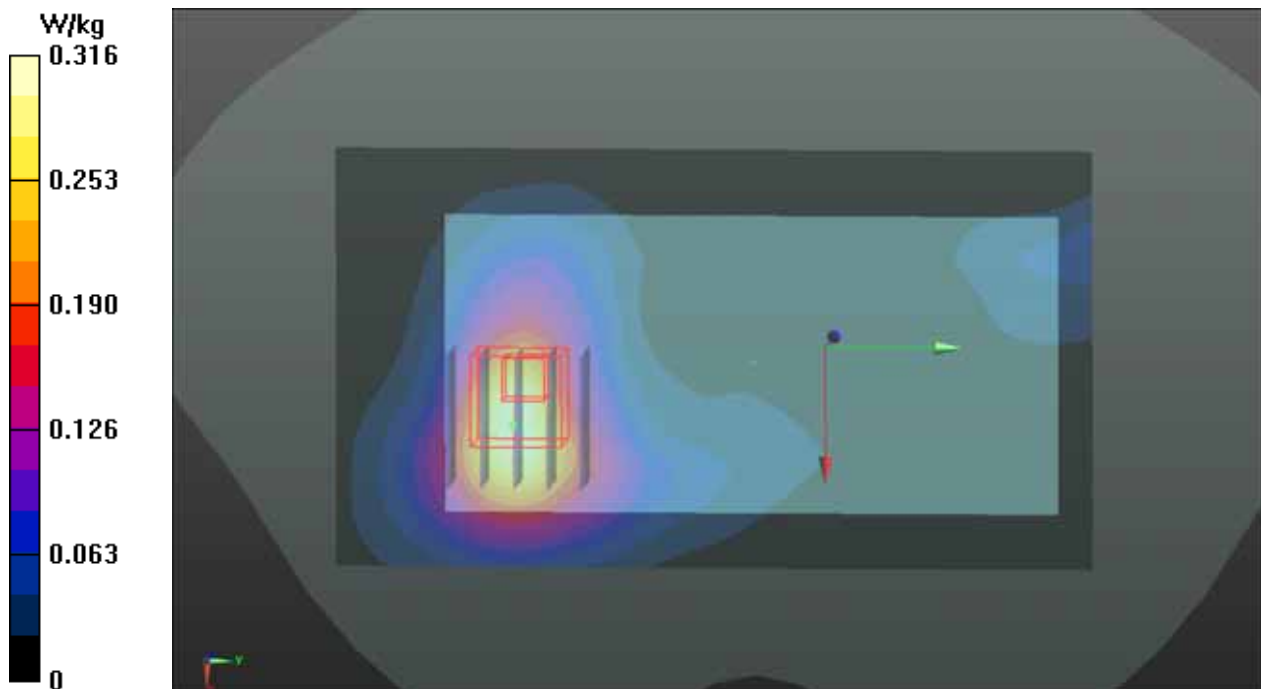
Ambient Temperature : 21.5 °C; Liquid Temperature : 20.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(6.99, 6.99, 6.99); Calibrated: 2014/03/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- 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 (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.316 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.461 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.524 W/kg
SAR(1 g) = 0.246 W/kg; SAR(10 g) = 0.109 W/kg
Maximum value of SAR (measured) = 0.370 W/kg



P20 802.11b_Front Face_1cm_Ch6

DUT: 140409C03

Communication System: WLAN_2.4G; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: B2450_0430 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.954$ S/m; $\epsilon_r = 51.418$; $\rho = 1000$ kg/m³

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

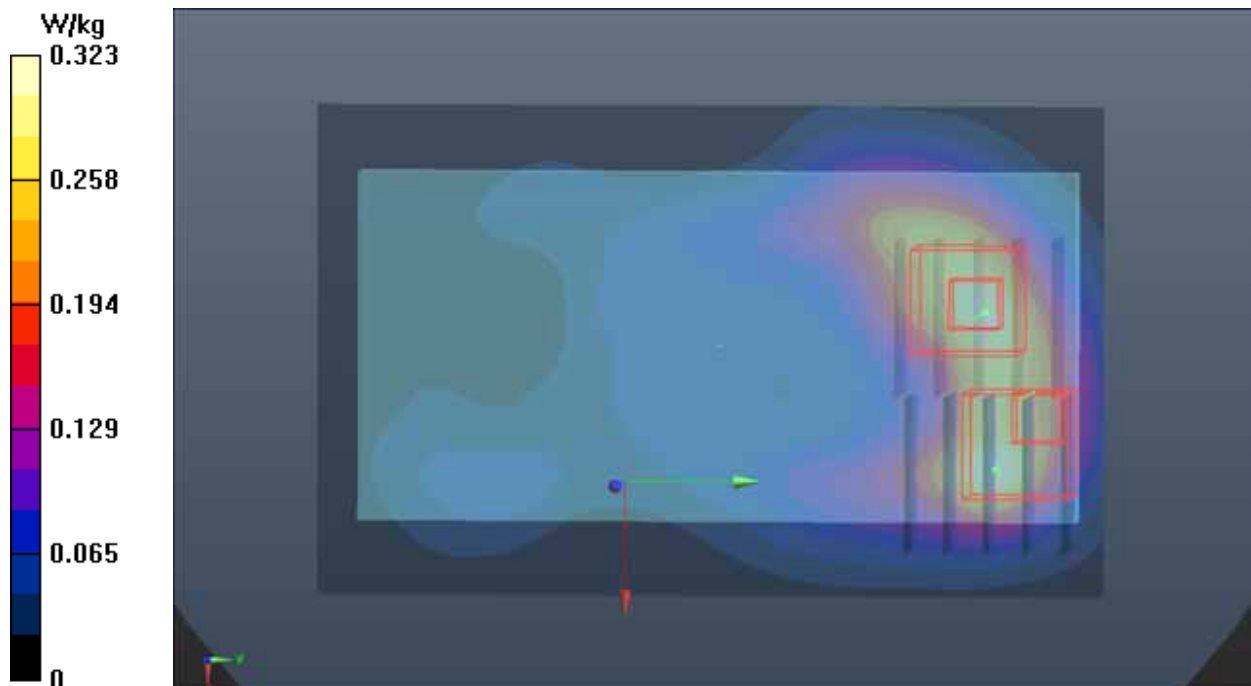
DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.29, 7.29, 7.29); Calibrated: 2014/03/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- 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 (91x141x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.323 W/kg

- **Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.245 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.359 W/kg
SAR(1 g) = 0.209 W/kg; SAR(10 g) = 0.122 W/kg
Maximum value of SAR (measured) = 0.282 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.245 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.337 W/kg
SAR(1 g) = 0.166 W/kg; SAR(10 g) = 0.090 W/kg
Maximum value of SAR (measured) = 0.259 W/kg



P21 802.11a_Front Face_1cm_Ch48

DUT: 140409C03

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

Medium: B5G_0430 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.404$ S/m; $\epsilon_r = 47.237$; $\rho = 1000$ kg/m³

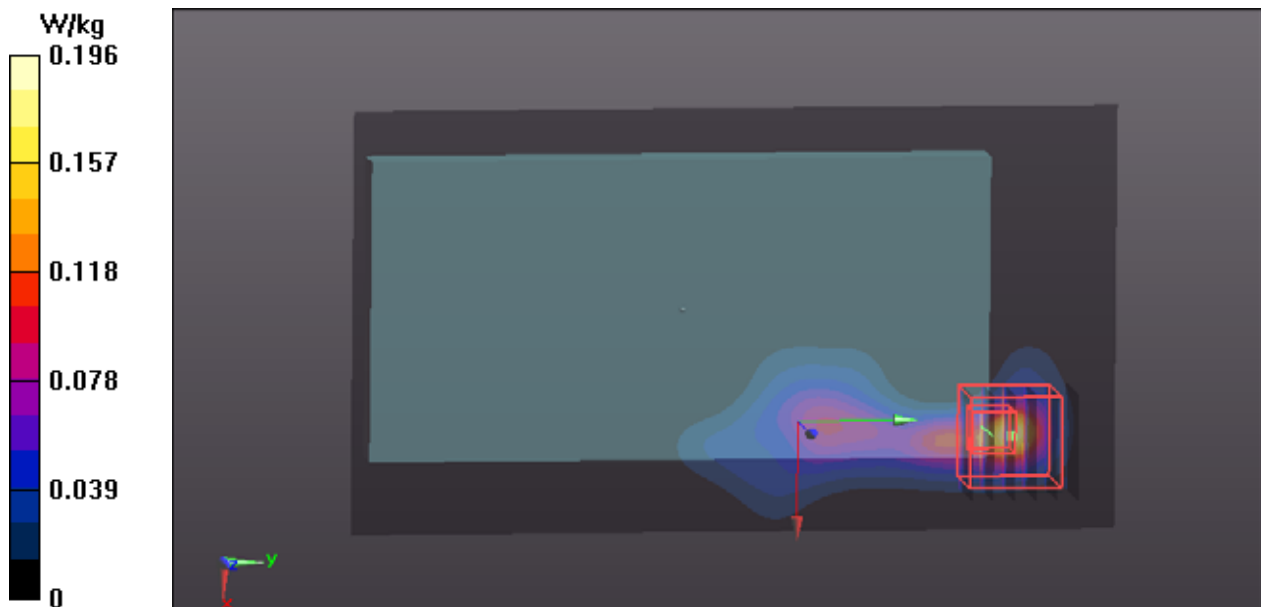
Ambient Temperature : 21.4 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(4.59, 4.59, 4.59); Calibrated: 2014/03/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- 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 (101x181x1)**: Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.196 W/kg

- **Zoom Scan (6x6x12)/Cube 0**: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 1.417 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.444 W/kg
SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.043 W/kg
Maximum value of SAR (measured) = 0.253 W/kg



P22 802.11a_Front Face_1cm_Ch64

DUT: 140409C03

Communication System: WLAN_5G; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: B5G_0430 Medium parameters used: $f = 5320$ MHz; $\sigma = 5.502$ S/m; $\epsilon_r = 47.029$; $\rho = 1000$ kg/m³

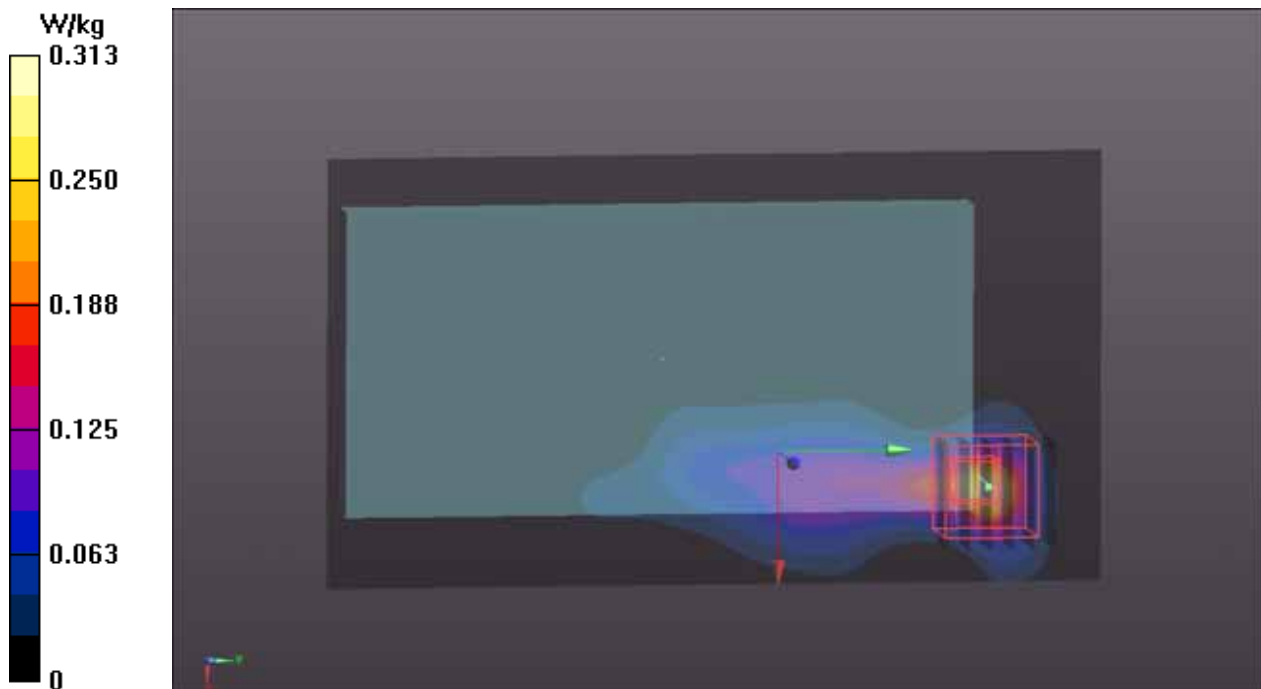
Ambient Temperature : 21.4 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(4.19, 4.19, 4.19); Calibrated: 2014/03/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- 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 (101x181x1)**: Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.313 W/kg

- **Zoom Scan (6x6x12)/Cube 0**: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 1.898 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.808 W/kg
SAR(1 g) = 0.207 W/kg; SAR(10 g) = 0.066 W/kg
Maximum value of SAR (measured) = 0.394 W/kg



P23 802.11a_Front Face_1cm_Ch100

DUT: 140409C03

Communication System: WLAN_5G; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: B5G_0430 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.749$ S/m; $\epsilon_r = 46.751$; $\rho = 1000$ kg/m³

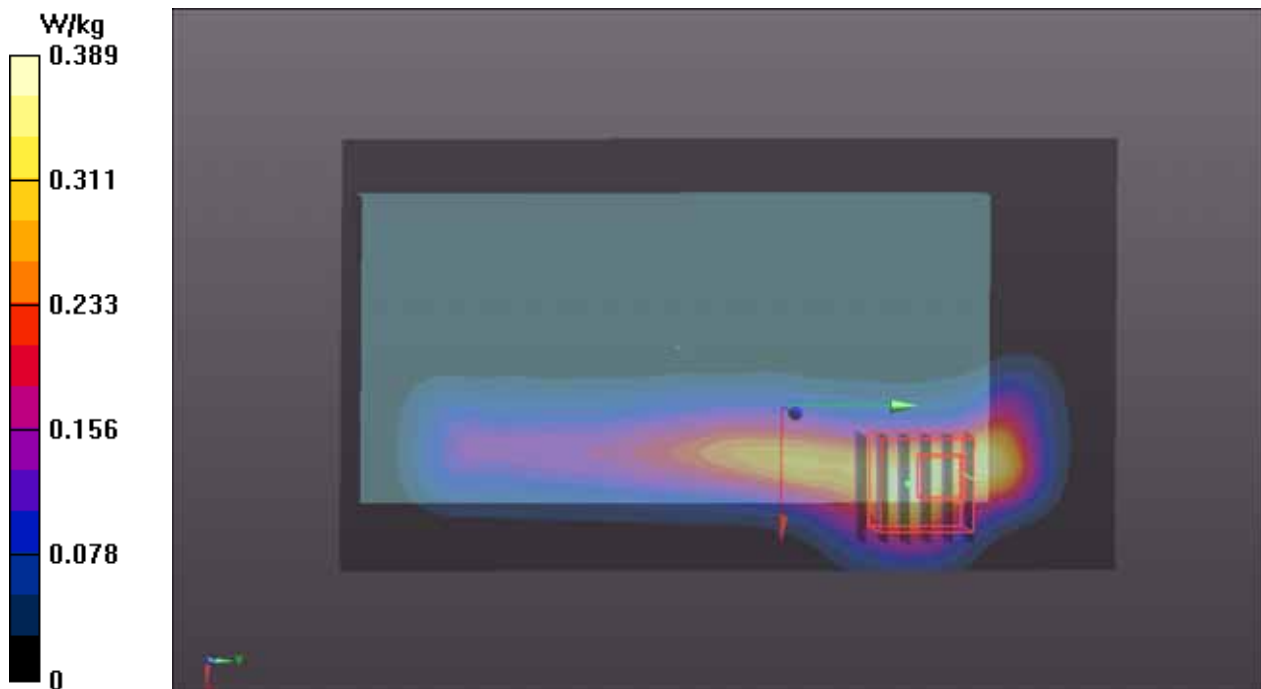
Ambient Temperature : 21.4 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(4.14, 4.14, 4.14); Calibrated: 2014/03/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- 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 (101x181x1)**: Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.389 W/kg

- **Zoom Scan (6x6x12)/Cube 0**: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 3.081 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.721 W/kg
SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.065 W/kg
Maximum value of SAR (measured) = 0.423 W/kg



P24 802.11a_Front Face_1cm_Ch149

DUT: 140409C03

Communication System: WLAN_5G; Frequency: 5745 MHz; Duty Cycle: 1:1.01

Medium: B5G_0430 Medium parameters used: $f = 5745$ MHz; $\sigma = 6.086$ S/m; $\epsilon_r = 46.241$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(4.12, 4.12, 4.12); Calibrated: 2014/03/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- 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 (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.440 W/kg

- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 3.116 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.707 W/kg
SAR(1 g) = 0.212 W/kg; SAR(10 g) = 0.079 W/kg
Maximum value of SAR (measured) = 0.393 W/kg

- **Zoom Scan (6x6x12)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 3.116 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.545 W/kg
SAR(1 g) = 0.161 W/kg; SAR(10 g) = 0.056 W/kg
Maximum value of SAR (measured) = 0.306 W/kg

