



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_GSM_Right Cheek_Ch128

DUT: 141216C28

Communication System: GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: H08T09N2_1231 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.907$ S/m; $\epsilon_r = 43.02$; $\rho = 1000$ kg/m³

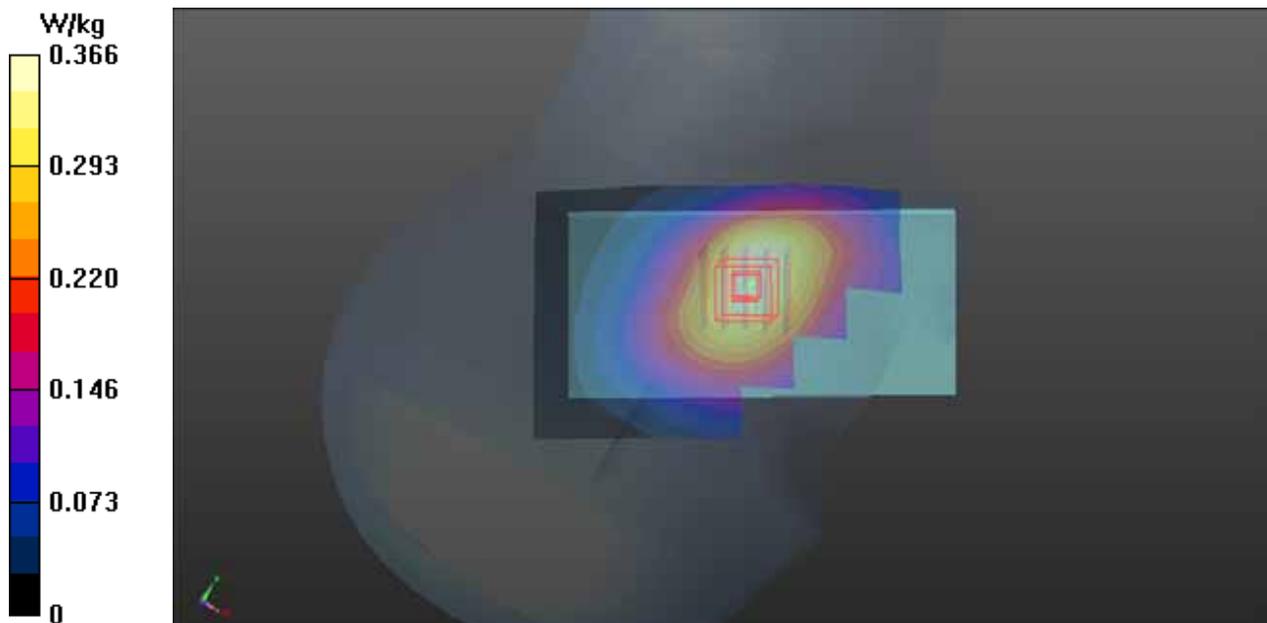
Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.52, 9.52, 9.52); Calibrated: 2014/07/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2014/07/22
- Phantom: Twin SAM Phantom_1485; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.366 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.526 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.397 W/kg
SAR(1 g) = 0.325 W/kg; SAR(10 g) = 0.250 W/kg
Maximum value of SAR (measured) = 0.368 W/kg



P02 GSM1900_GSM_Right Cheek_Ch512

DUT: 141216C28

Communication System: GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: H18T19N3_1229 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.355$ S/m; $\epsilon_r = 40.471$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C; Liquid Temperature : 20.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.7, 8.7, 8.7); Calibrated: 2014/03/04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2014/04/23
- Phantom: Twin SAM Phantom_1202; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.249 W/kg

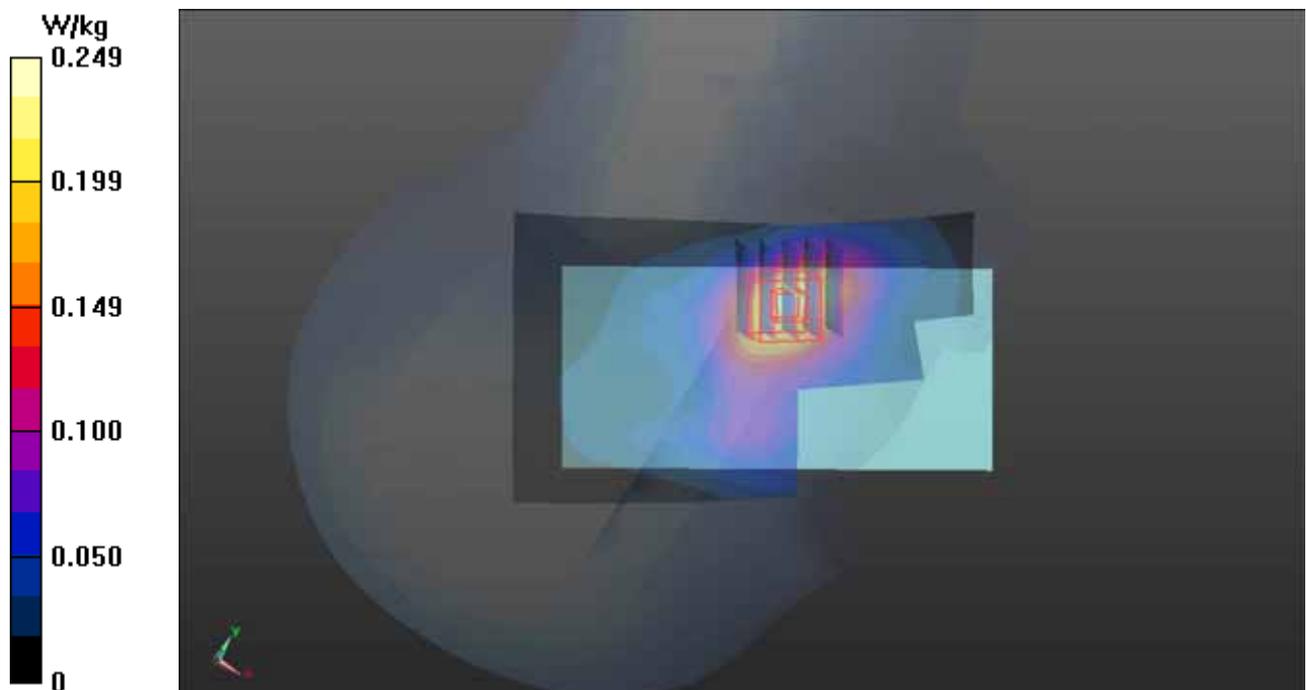
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.517 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.299 W/kg

SAR(1 g) = 0.195 W/kg; SAR(10 g) = 0.119 W/kg

Maximum value of SAR (measured) = 0.242 W/kg



P03 WCDMA II_RMC12.2K_Right Cheek_Ch9262

DUT: 141216C28

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: H18T19N3_1229 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.356$ S/m; $\epsilon_r = 40.468$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C; Liquid Temperature : 20.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.7, 8.7, 8.7); Calibrated: 2014/03/04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2014/04/23
- Phantom: Twin SAM Phantom_1202; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.511 W/kg

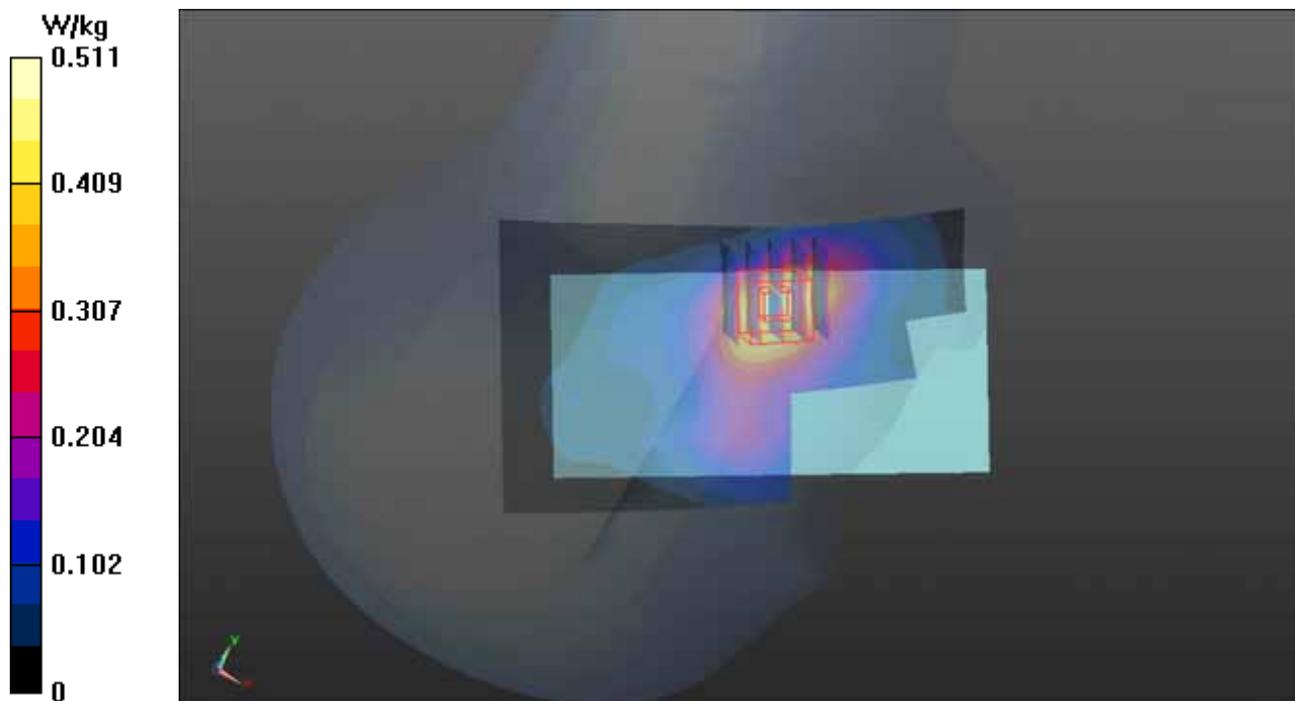
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.301 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.582 W/kg

SAR(1 g) = 0.387 W/kg; SAR(10 g) = 0.243 W/kg

Maximum value of SAR (measured) = 0.486 W/kg



P04 WCDMA V_RMC12.2K_Right Cheek_Ch4132

DUT: 141216C28

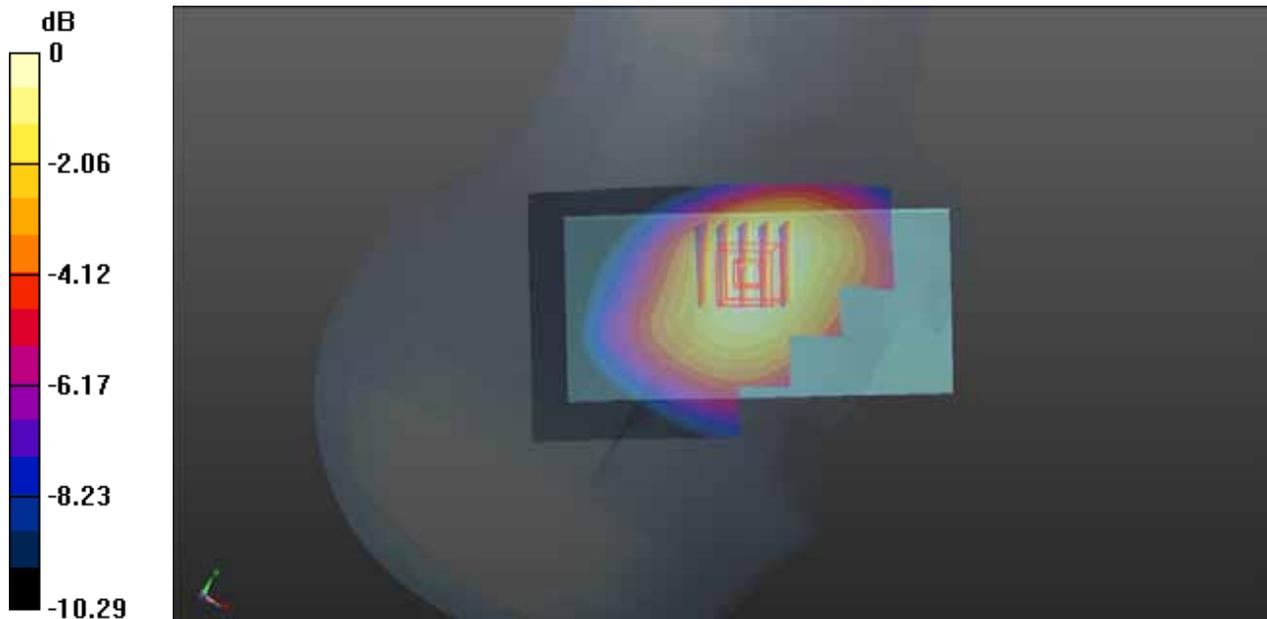
Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: H08T09N2_1231 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.909$ S/m; $\epsilon_r = 42.993$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.2 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.52, 9.52, 9.52); Calibrated: 2014/07/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2014/07/22
- Phantom: Twin SAM Phantom_1485; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.390 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.606 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.409 W/kg
SAR(1 g) = 0.325 W/kg; SAR(10 g) = 0.244 W/kg
Maximum value of SAR (measured) = 0.369 W/kg



P05 LTE 2_QPSK20M_Right Cheek_Ch18900_1RB_OS0

DUT: 141216C28

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

Medium: H18T19N1_1231 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.408$ S/m; $\epsilon_r = 39.202$; $\rho = 1000$ kg/m³

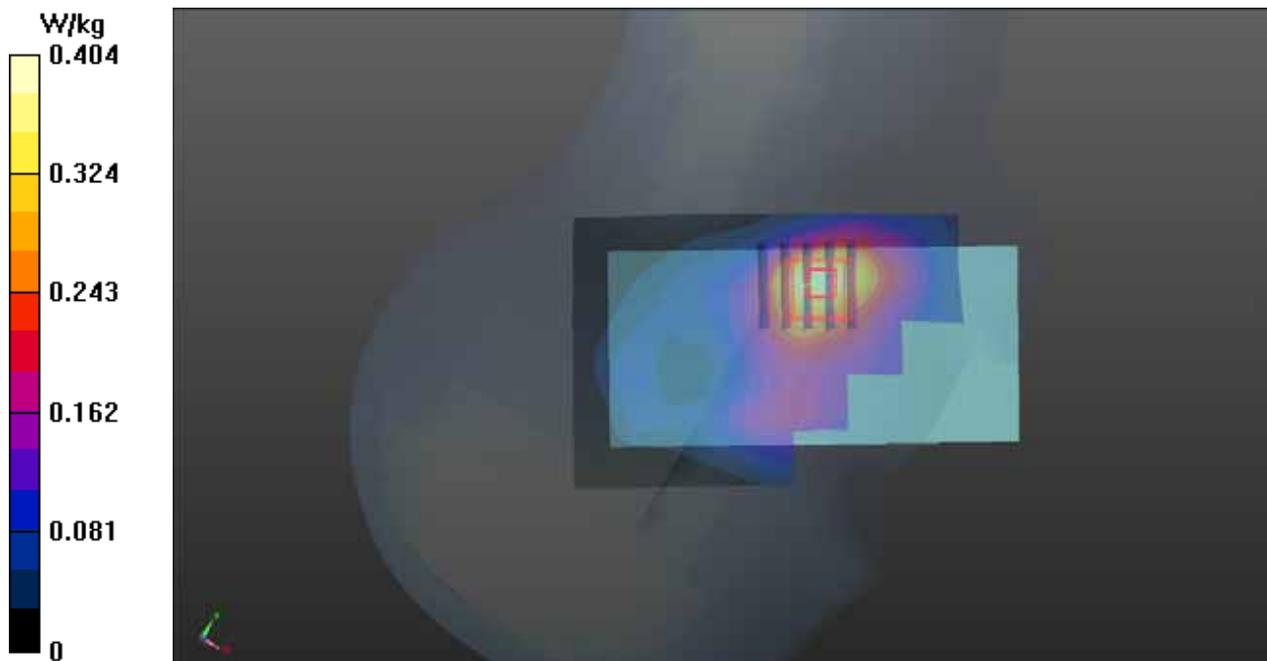
Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.92, 7.92, 7.92); Calibrated: 2014/07/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2014/07/22
- Phantom: Twin SAM Phantom_1822; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.404 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.678 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.453 W/kg
SAR(1 g) = 0.293 W/kg; SAR(10 g) = 0.182 W/kg
Maximum value of SAR (measured) = 0.371 W/kg



P06 LTE 4_QPSK20M_Right Cheek_Ch20175_1RB_OS0

DUT: 141216C28

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: H17T18N1_1231 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.312$ S/m; $\epsilon_r = 40.717$; $\rho = 1000$ kg/m³

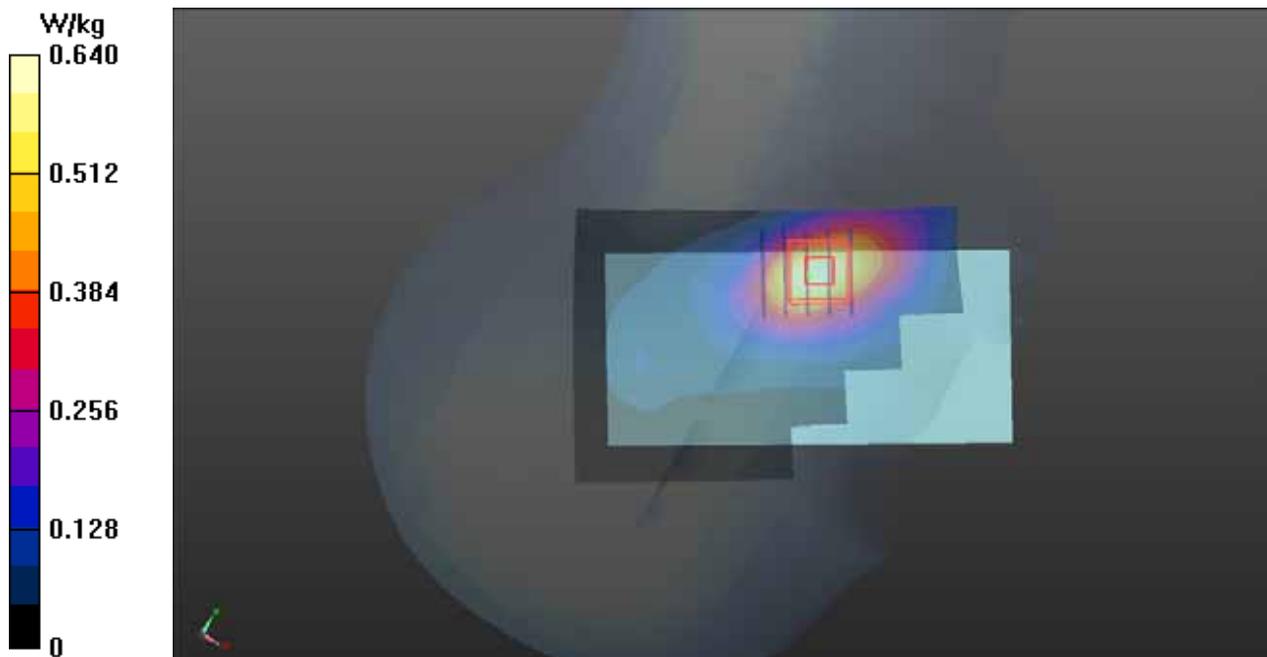
Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.1, 8.1, 8.1); Calibrated: 2014/07/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2014/07/22
- Phantom: Twin SAM Phantom_1822; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.640 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.906 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.695 W/kg
SAR(1 g) = 0.473 W/kg; SAR(10 g) = 0.306 W/kg
Maximum value of SAR (measured) = 0.585 W/kg



P07 LTE 5_QPSK10M_Right Cheek_Ch20525_1RB_OS0

DUT: 141216C28

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: H08T09N2_1231 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.919$ S/m; $\epsilon_r = 42.858$; $\rho = 1000$ kg/m³

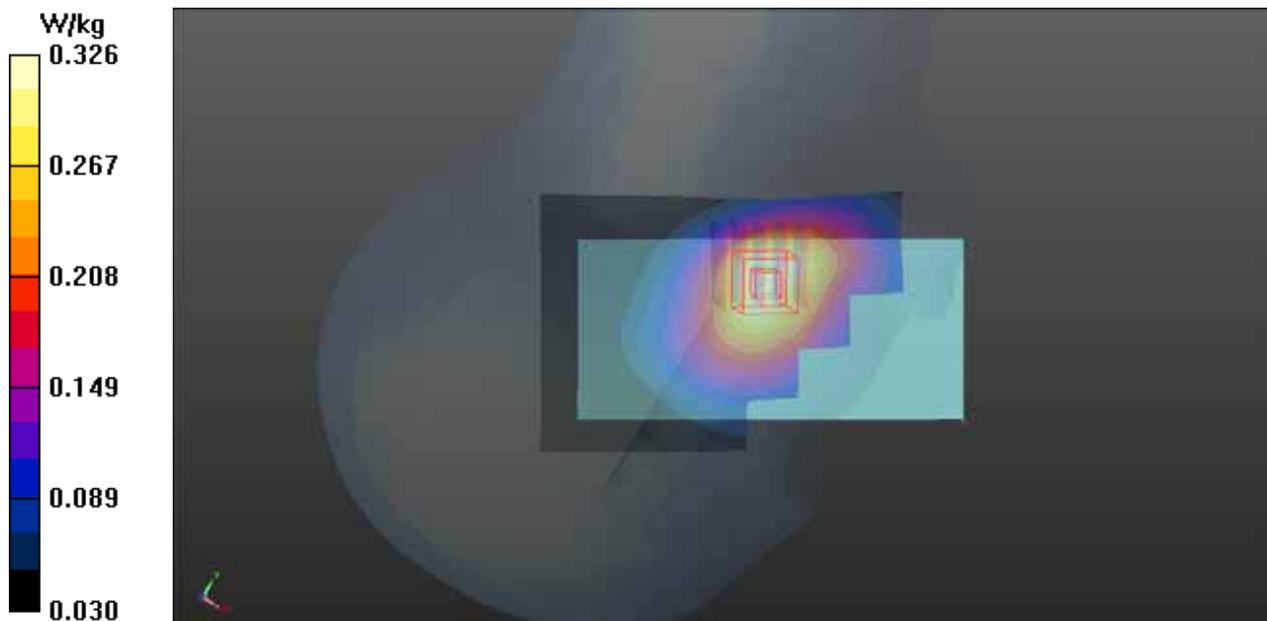
Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.52, 9.52, 9.52); Calibrated: 2014/07/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2014/07/22
- Phantom: Twin SAM Phantom_1485; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.344 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.330 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.365 W/kg
SAR(1 g) = 0.285 W/kg; SAR(10 g) = 0.212 W/kg
Maximum value of SAR (measured) = 0.326 W/kg



P08 LTE 7_QPSK20M_Left Cheek_Ch21350_1RB_OS0

DUT: 141216C28

Communication System: LTE; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: H25T26N1_1231 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.006$ S/m; $\epsilon_r = 38.193$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C ; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(7.76, 7.76, 7.76); Calibrated: 2014/03/04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2014/04/23
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.230 W/kg

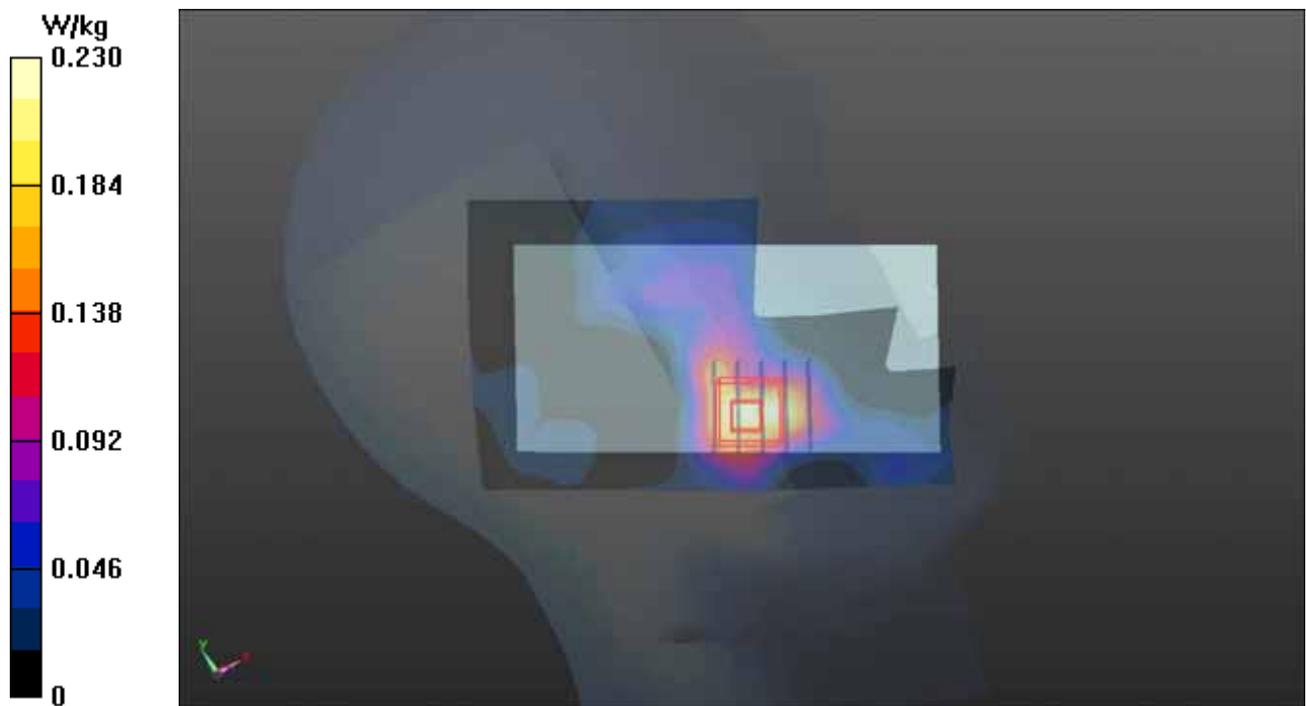
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.804 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.256 W/kg

SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.073 W/kg

Maximum value of SAR (measured) = 0.177 W/kg



P09 LTE 17_QPSK10M_Right Cheek_Ch23780_1RB_OS0

DUT: 141216C28

Communication System: LTE; Frequency: 709 MHz; Duty Cycle: 1:1

Medium: H07T08N2_1231 Medium parameters used: $f = 709$ MHz; $\sigma = 0.85$ S/m; $\epsilon_r = 40.578$; $\rho = 1000$ kg/m³

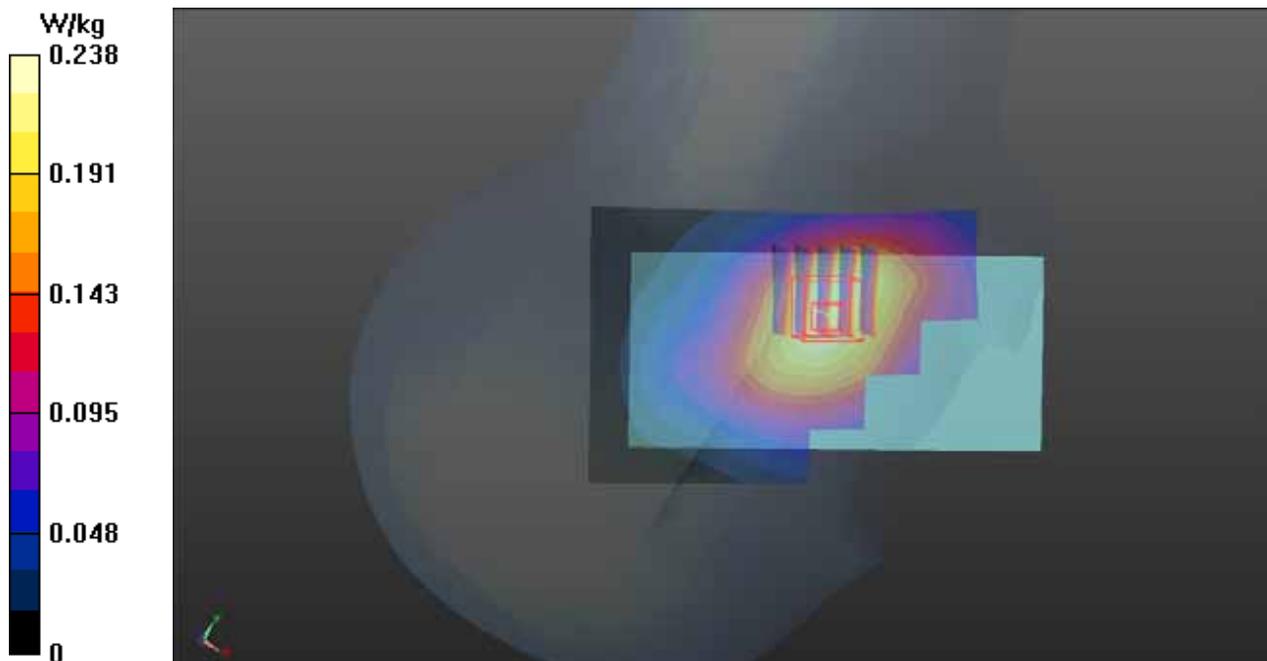
Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.93, 9.93, 9.93); Calibrated: 2014/07/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2014/07/22
- Phantom: Twin SAM Phantom_1485; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.238 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.698 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.254 W/kg
SAR(1 g) = 0.213 W/kg; SAR(10 g) = 0.168 W/kg
Maximum value of SAR (measured) = 0.238 W/kg



P10 802.11b_Left Tilted_Ch1

DUT: 141216C28

Communication System: WLAN_2.4G; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: H24T25N1_0104 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.776$ S/m; $\epsilon_r = 40.071$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.39, 7.39, 7.39); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.636 W/kg

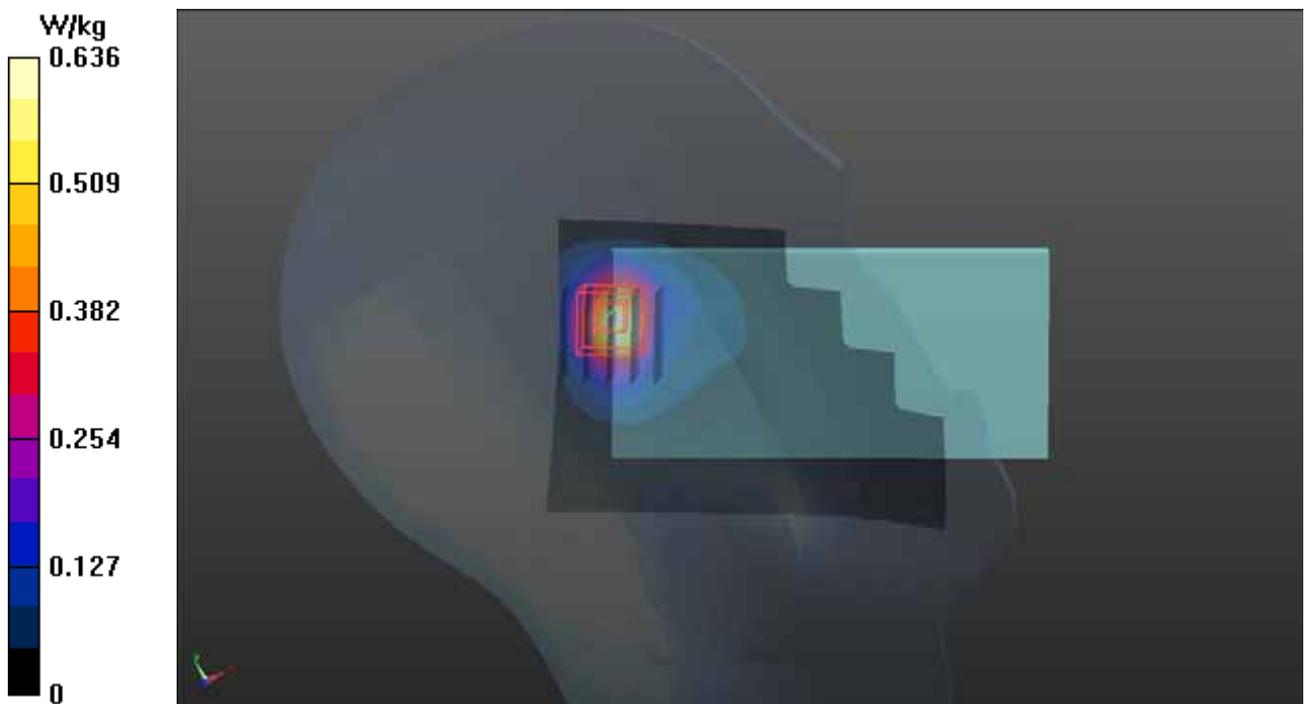
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.46 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.476 W/kg; SAR(10 g) = 0.211 W/kg

Maximum value of SAR (measured) = 0.698 W/kg



P11 GSM850_GSM_Rear Face_1cm_Ch128

DUT: 141216C28

Communication System: GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: B08T09N2_1229 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.98$ S/m; $\epsilon_r = 55.268$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(9.74, 9.74, 9.74); Calibrated: 2014/03/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

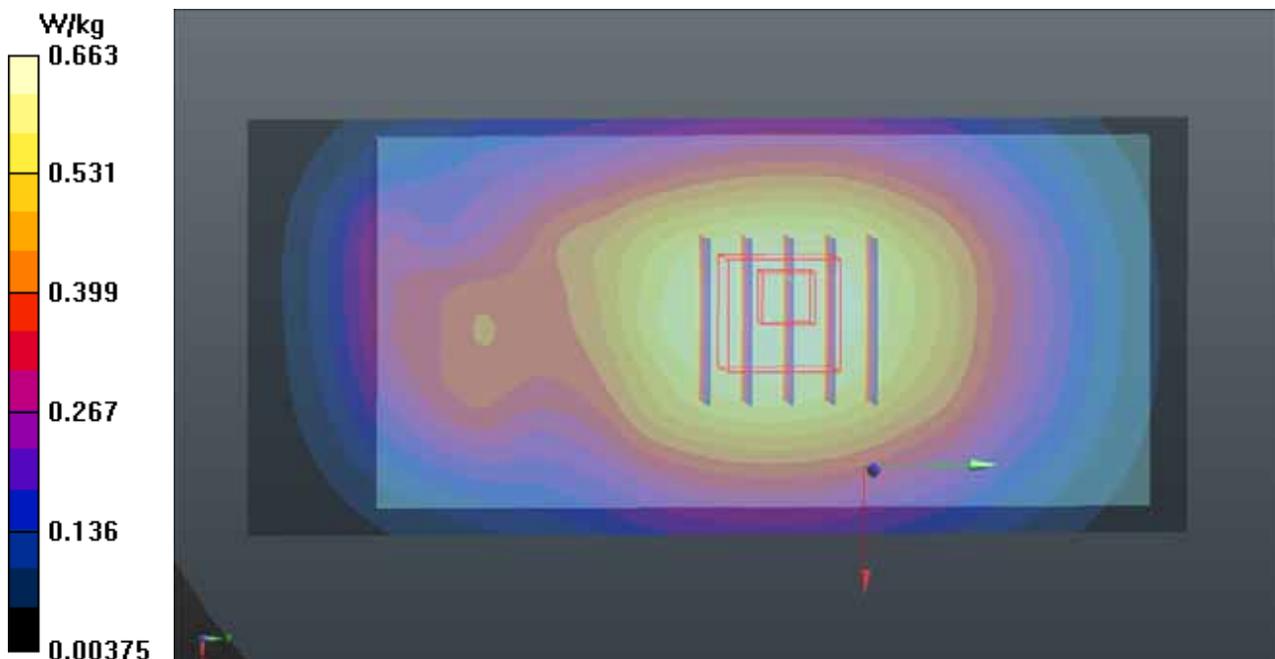
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.52 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.723 W/kg

SAR(1 g) = 0.563 W/kg; SAR(10 g) = 0.433 W/kg

Maximum value of SAR (measured) = 0.649 W/kg



P12 GSM1900_GSM_Rear Face_1cm_Ch512

DUT: 141216C28

Communication System: GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: B18T19N2_0102 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.507$ S/m; $\epsilon_r = 53.236$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.72, 7.72, 7.72); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (51x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.363 W/kg

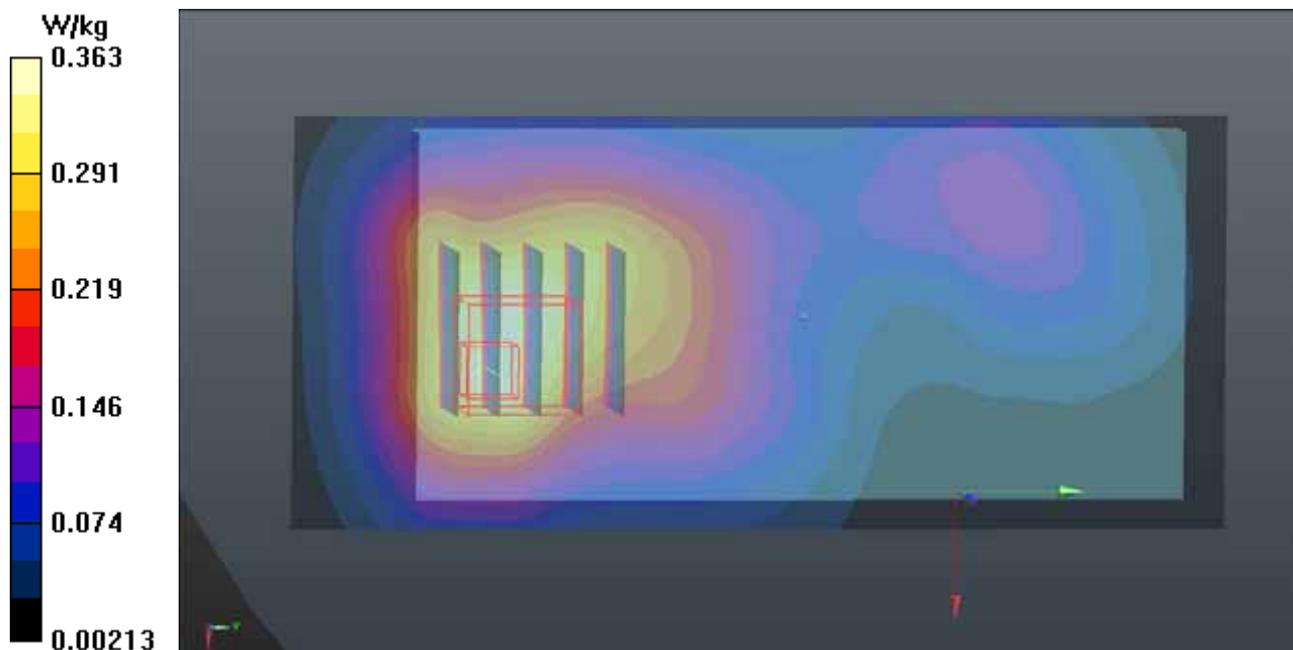
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.637 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.495 W/kg

SAR(1 g) = 0.286 W/kg; SAR(10 g) = 0.170 W/kg

Maximum value of SAR (measured) = 0.394 W/kg



P13 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9262

DUT: 141216C28

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: B18T19N2_0102 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.51$ S/m; $\epsilon_r = 53.226$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.72, 7.72, 7.72); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (51x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.779 W/kg

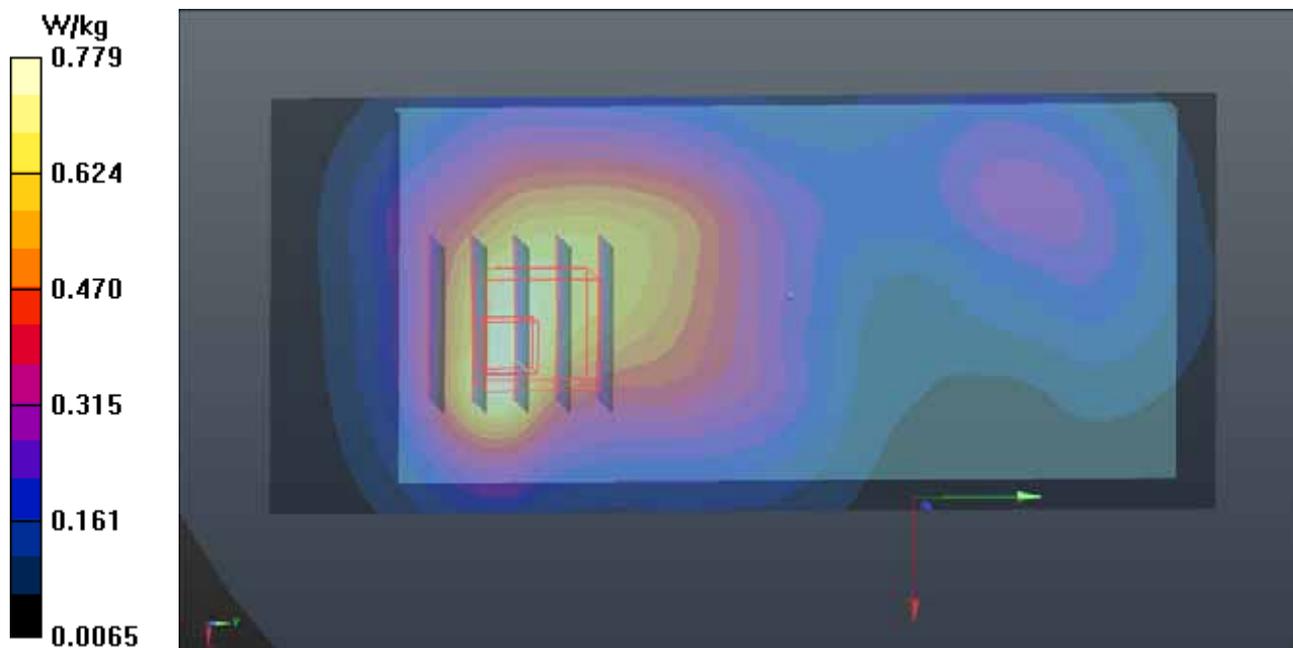
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.98 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.973 W/kg

SAR(1 g) = 0.566 W/kg; SAR(10 g) = 0.337 W/kg

Maximum value of SAR (measured) = 0.758 W/kg



P14 WCDMA V_RMC12.2K_Rear Face_1cm_Ch4132

DUT: 141216C28

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

Medium: B08T09N2_1229 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.982$ S/m; $\epsilon_r = 55.256$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(9.74, 9.74, 9.74); Calibrated: 2014/03/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

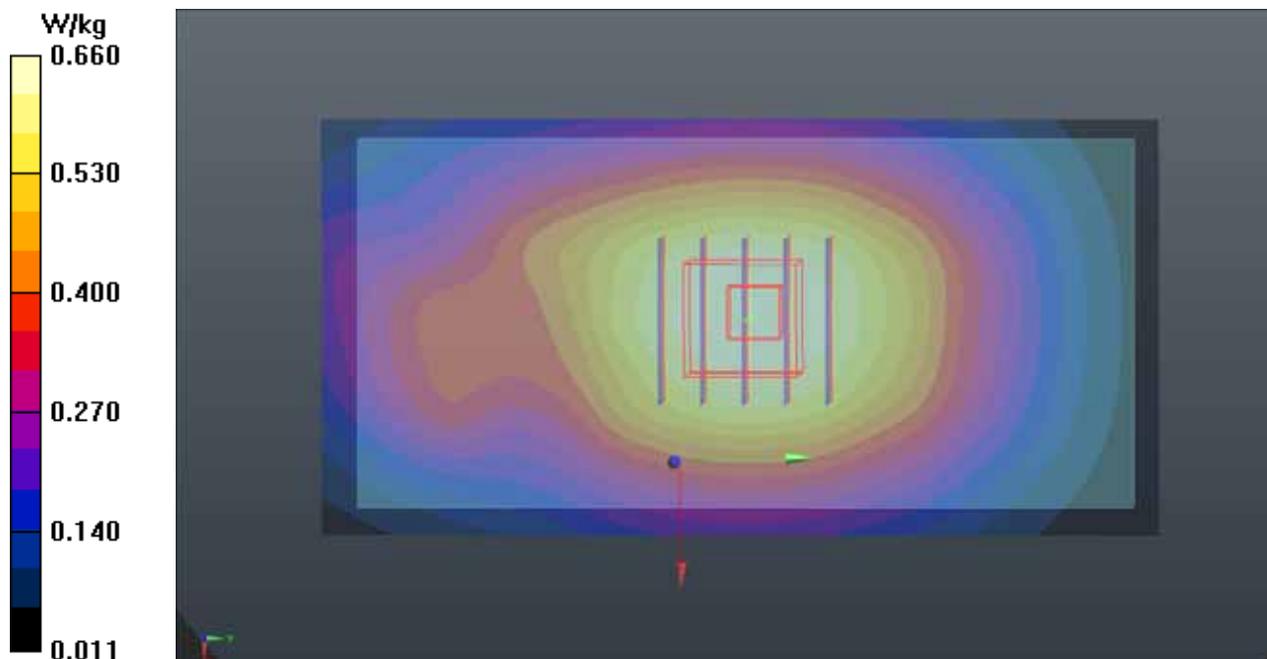
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.23 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.721 W/kg

SAR(1 g) = 0.570 W/kg; SAR(10 g) = 0.438 W/kg

Maximum value of SAR (measured) = 0.655 W/kg



P15 LTE 2_QPSK20M_Rear Face_1cm_Ch18900_1RB_OS0

DUT: 141216C28

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

Medium: B18T19N3_0101 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.525$ S/m; $\epsilon_r = 52.016$; $\rho = 1000$ kg/m³

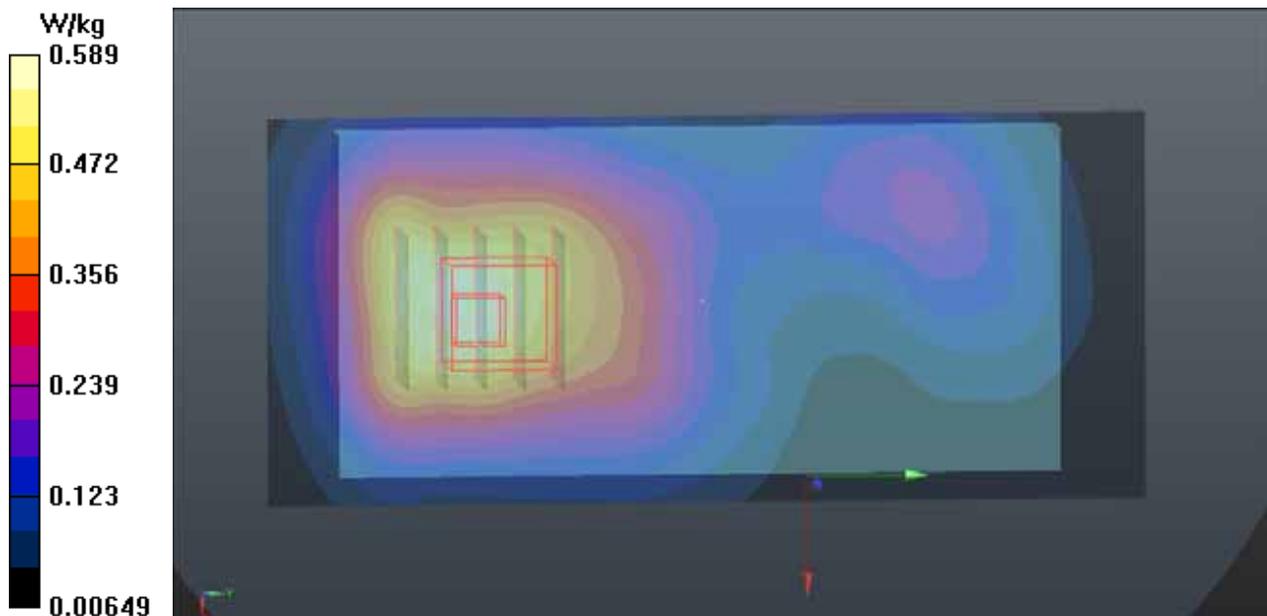
Ambient Temperature : 22.1 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.41, 7.41, 7.41); Calibrated: 2014/07/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2014/07/22
- Phantom: Twin SAM Phantom_1485; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (31x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.589 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.34 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.836 W/kg
SAR(1 g) = 0.501 W/kg; SAR(10 g) = 0.305 W/kg
Maximum value of SAR (measured) = 0.664 W/kg



P16 LTE 4_QPSK20M_Rear Face_1cm_Ch20050_1RB_OS0

DUT: 141216C28

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: B17T18N3_0101 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.453$ S/m; $\epsilon_r = 52.212$; $\rho = 1000$ kg/m³

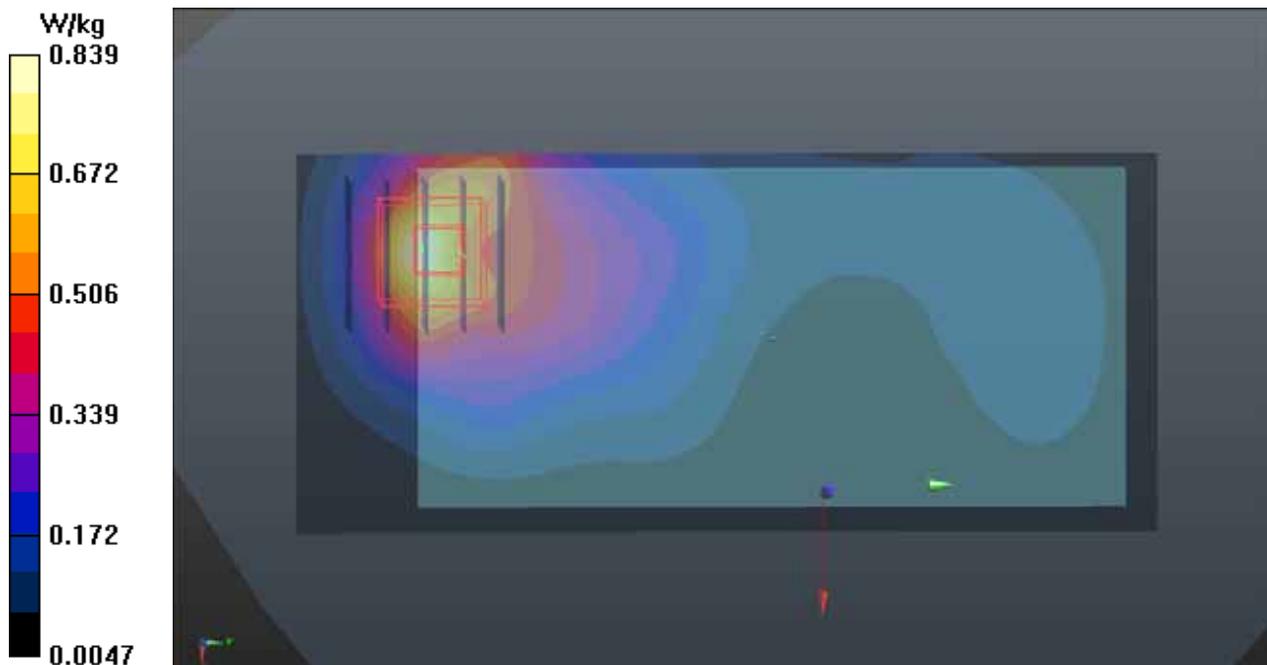
Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.78, 7.78, 7.78); Calibrated: 2014/07/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2014/07/22
- Phantom: Twin SAM Phantom_1485; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.839 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.416 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.75 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.516 W/kg
Maximum value of SAR (measured) = 1.24 W/kg



P17 LTE 5_QPSK10M_Rear Face_1cm_Ch20525_1RB_OS0

DUT: 141216C28

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: B08T09N2_1229 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.963$ S/m; $\epsilon_r = 56.061$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(9.74, 9.74, 9.74); Calibrated: 2014/03/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.422 W/kg

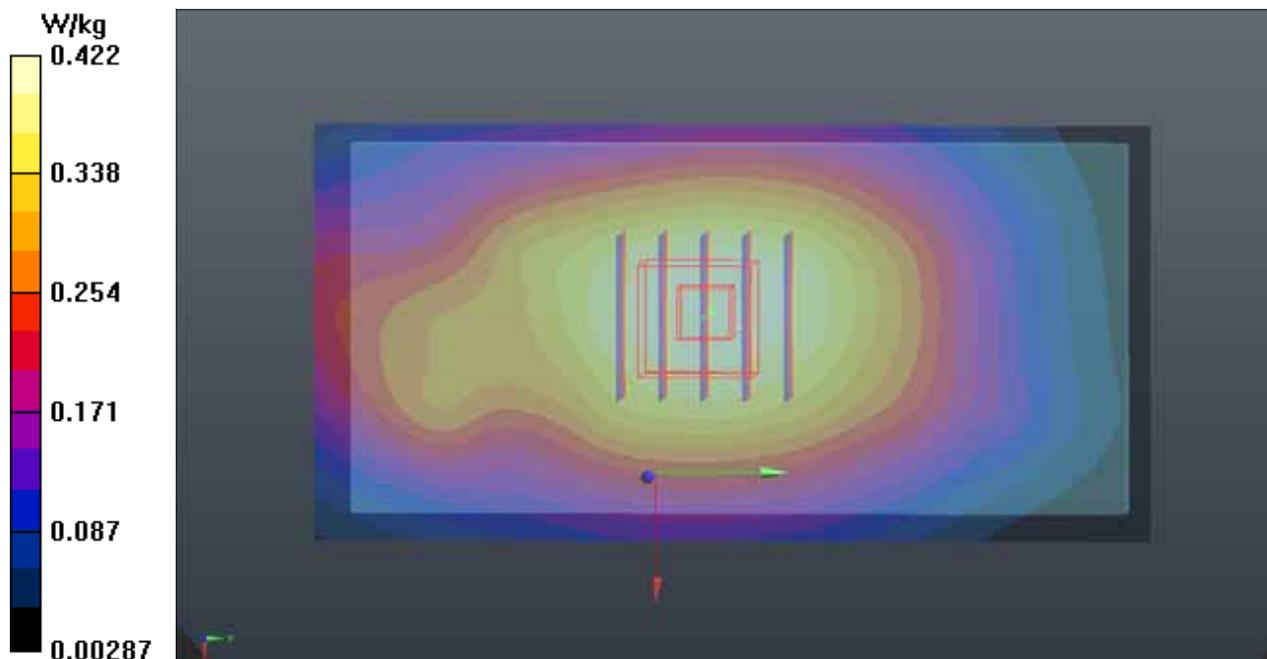
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.08 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.457 W/kg

SAR(1 g) = 0.361 W/kg; SAR(10 g) = 0.278 W/kg

Maximum value of SAR (measured) = 0.415 W/kg



P18 LTE 7_QPSK20M_Rear Face_1cm_Ch21350_1RB_OS0

DUT: 141216C28

Communication System: LTE; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: B25T27N1_0104 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.156$ S/m; $\epsilon_r = 52.586$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7, 7, 7); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.412 W/kg

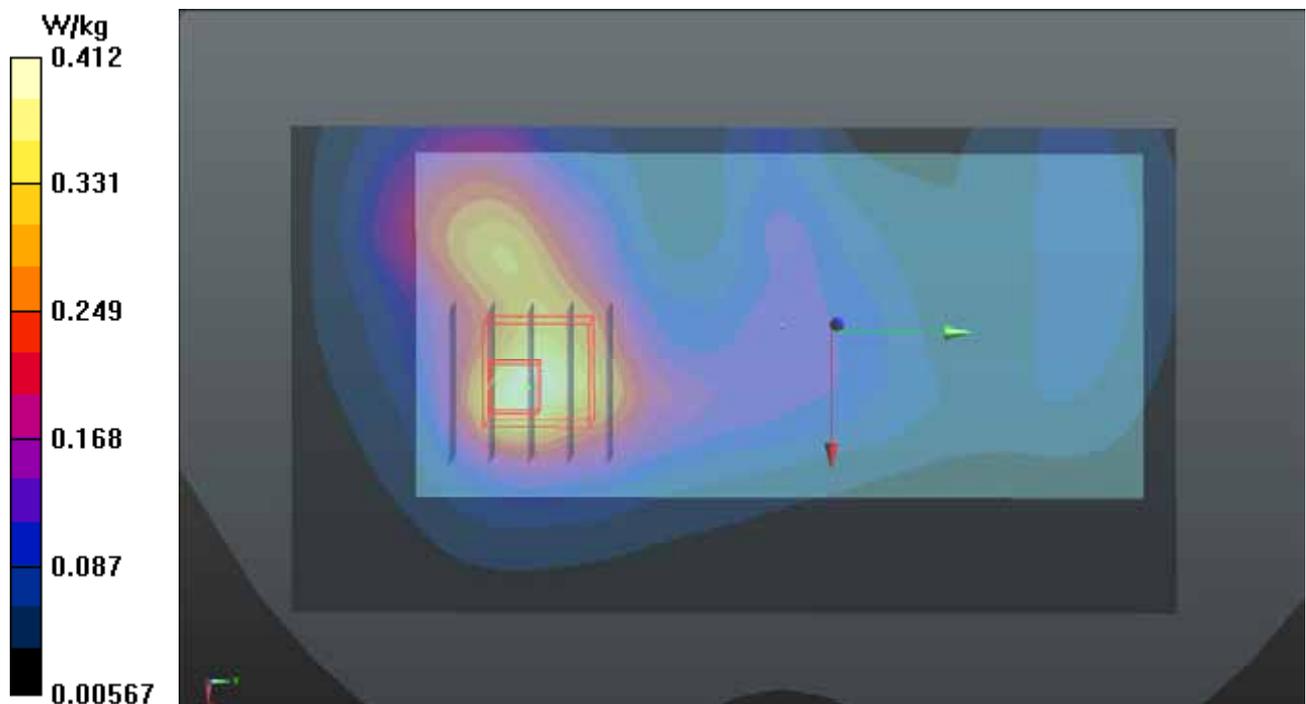
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.574 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.508 W/kg

SAR(1 g) = 0.257 W/kg; SAR(10 g) = 0.144 W/kg

Maximum value of SAR (measured) = 0.363 W/kg



P19 LTE 17_QPSK10M_Rear Face_1cm_Ch23780_1RB_OS0

DUT: 141216C28

Communication System: LTE; Frequency: 709 MHz; Duty Cycle: 1:1

Medium: B07T08N2_1229 Medium parameters used: $f = 709$ MHz; $\sigma = 0.931$ S/m; $\epsilon_r = 55.593$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(9.91, 9.91, 9.91); Calibrated: 2014/03/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

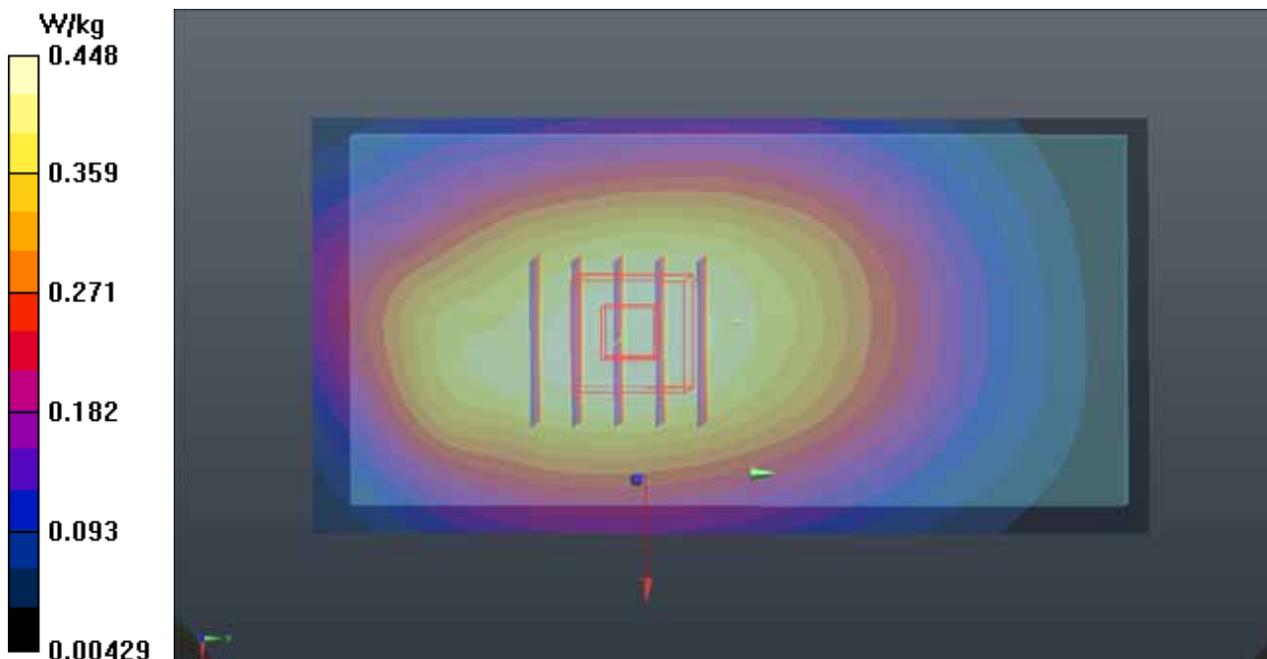
- **Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.448 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.60 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.492 W/kg

SAR(1 g) = 0.403 W/kg; SAR(10 g) = 0.316 W/kg

Maximum value of SAR (measured) = 0.454 W/kg



P20 802.11b_Rear Face_1cm_Ch1

DUT: 141216C28

Communication System: WLAN_2.4G; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: B24T25N1_0104 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.94$ S/m; $\epsilon_r = 51.367$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.14, 7.14, 7.14); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.404 W/kg

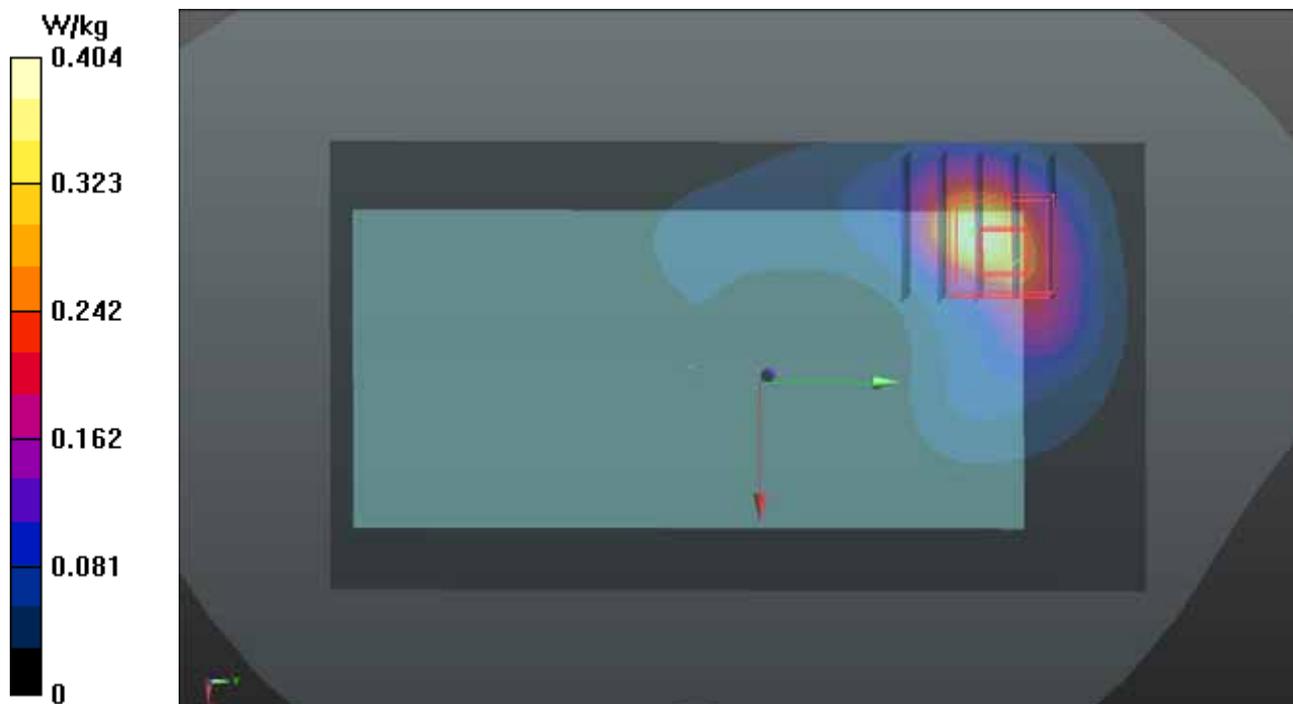
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.205 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.800 W/kg

SAR(1 g) = 0.374 W/kg; SAR(10 g) = 0.170 W/kg

Maximum value of SAR (measured) = 0.574 W/kg



P21 GSM850_GPRS10_Right Side_1cm_Ch128

DUT: 141216C28

Communication System: GPRS10; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: B08T09N2_1229 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.98$ S/m; $\epsilon_r = 55.268$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(9.74, 9.74, 9.74); Calibrated: 2014/03/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 1.36 W/kg

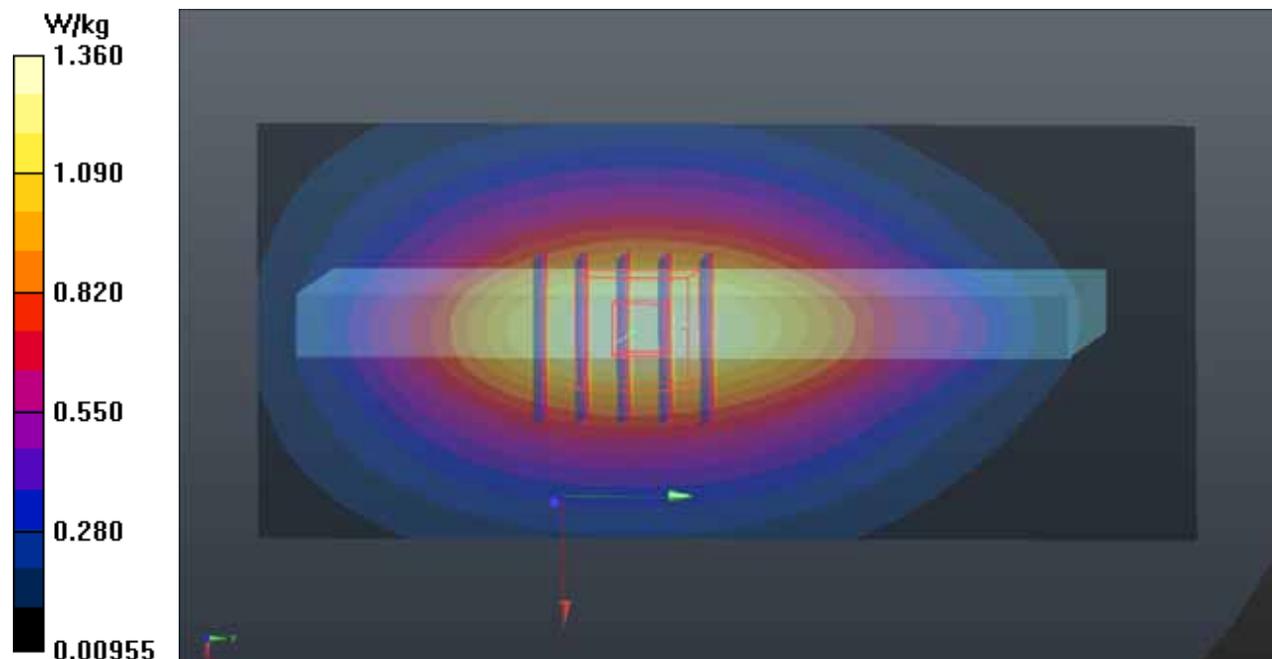
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.97 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.794 W/kg

Maximum value of SAR (measured) = 1.37 W/kg



P22 GSM1900_GPRS10_Rear Face_1cm_Ch512

DUT: 141216C28

Communication System: GPRS10; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: B18T19N3_0101 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.489$ S/m; $\epsilon_r = 52.125$; $\rho = 1000$ kg/m³

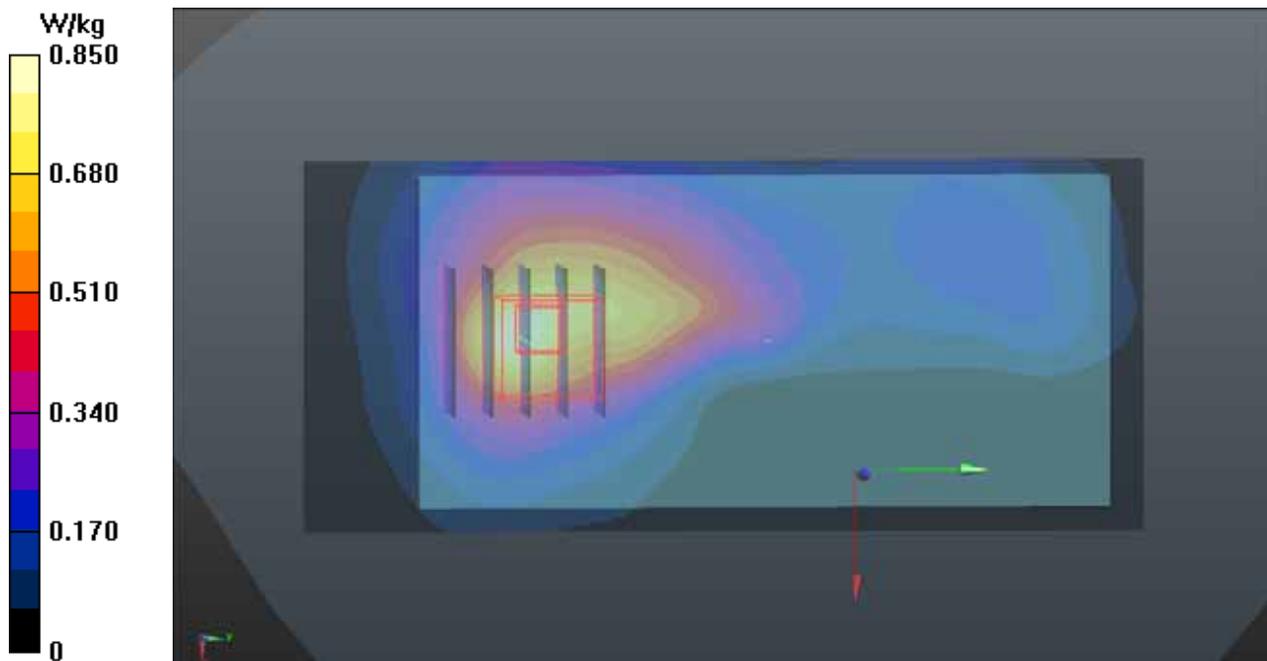
Ambient Temperature : 22.1 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.41, 7.41, 7.41); Calibrated: 2014/07/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2014/07/22
- Phantom: Twin SAM Phantom_1485; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.850 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.08 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.653 W/kg; SAR(10 g) = 0.376 W/kg
Maximum value of SAR (measured) = 0.820 W/kg



P23 WCDMA II_RMC12.2K_Bottom Side_1cm_Ch9262

DUT: 141216C28

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: B18T19N2_0102 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.51$ S/m; $\epsilon_r = 53.226$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.72, 7.72, 7.72); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (51x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.825 W/kg

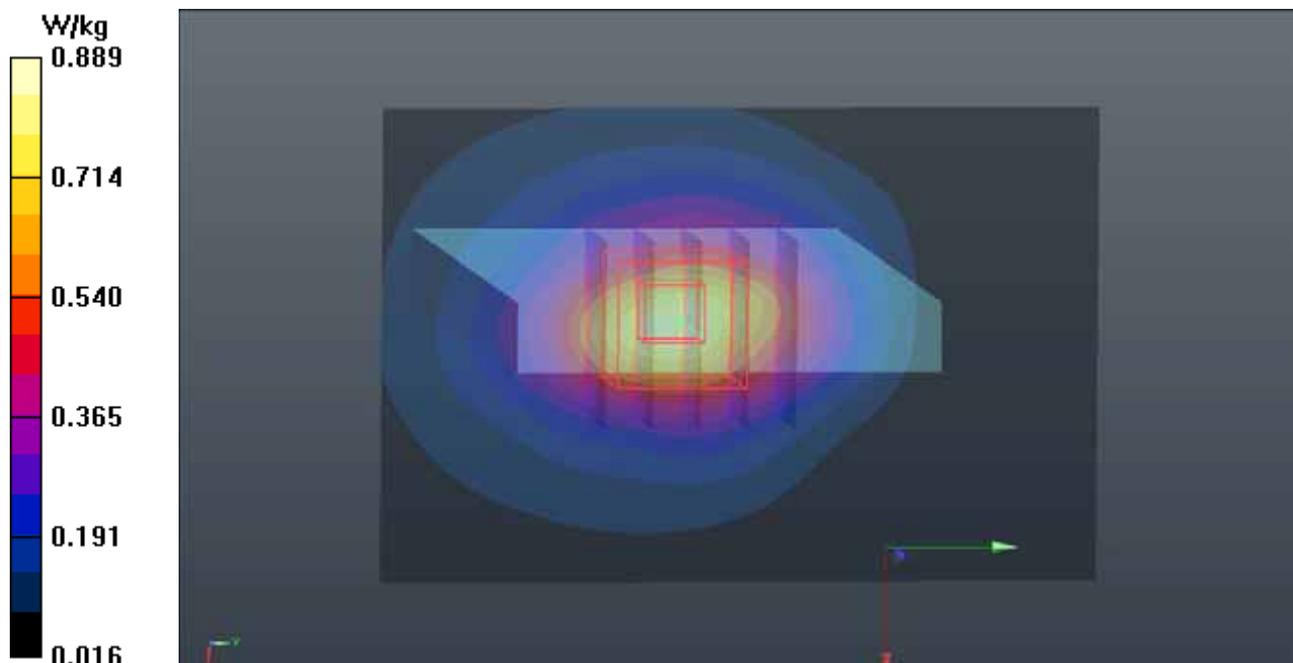
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.73 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.666 W/kg; SAR(10 g) = 0.375 W/kg

Maximum value of SAR (measured) = 0.889 W/kg



P24 LTE 2_QPSK20M_Bottom Side_1cm_Ch18900_1RB_OS0

DUT: 141216C28

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

Medium: B18T19N3_0101 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.525$ S/m; $\epsilon_r = 52.016$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.41, 7.41, 7.41); Calibrated: 2014/07/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2014/07/22
- Phantom: Twin SAM Phantom_1485; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (61x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.635 W/kg

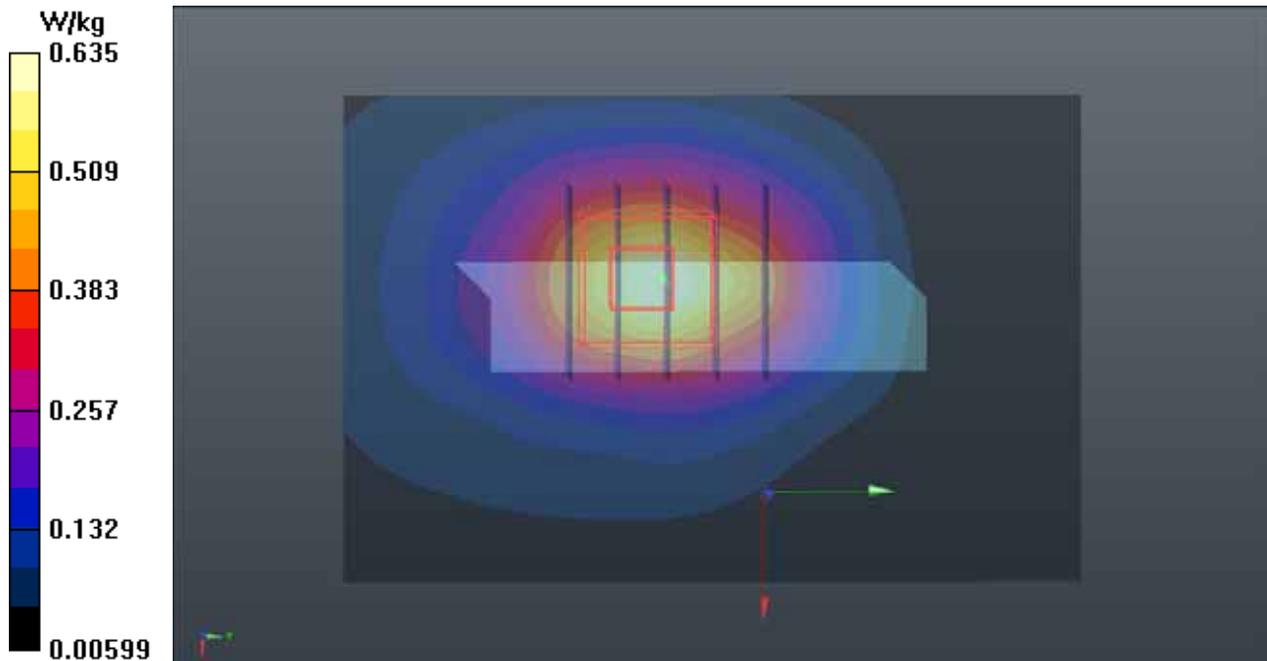
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.70 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.880 W/kg

SAR(1 g) = 0.546 W/kg; SAR(10 g) = 0.306 W/kg

Maximum value of SAR (measured) = 0.725 W/kg



P25 LTE 4_QPSK20M_Bottom Side_1cm_Ch20050_1RB_OS0

DUT: 141216C28

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: B17T18N3_0101 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.453$ S/m; $\epsilon_r = 52.212$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.78, 7.78, 7.78); Calibrated: 2014/07/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2014/07/22
- Phantom: Twin SAM Phantom_1485; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (61x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

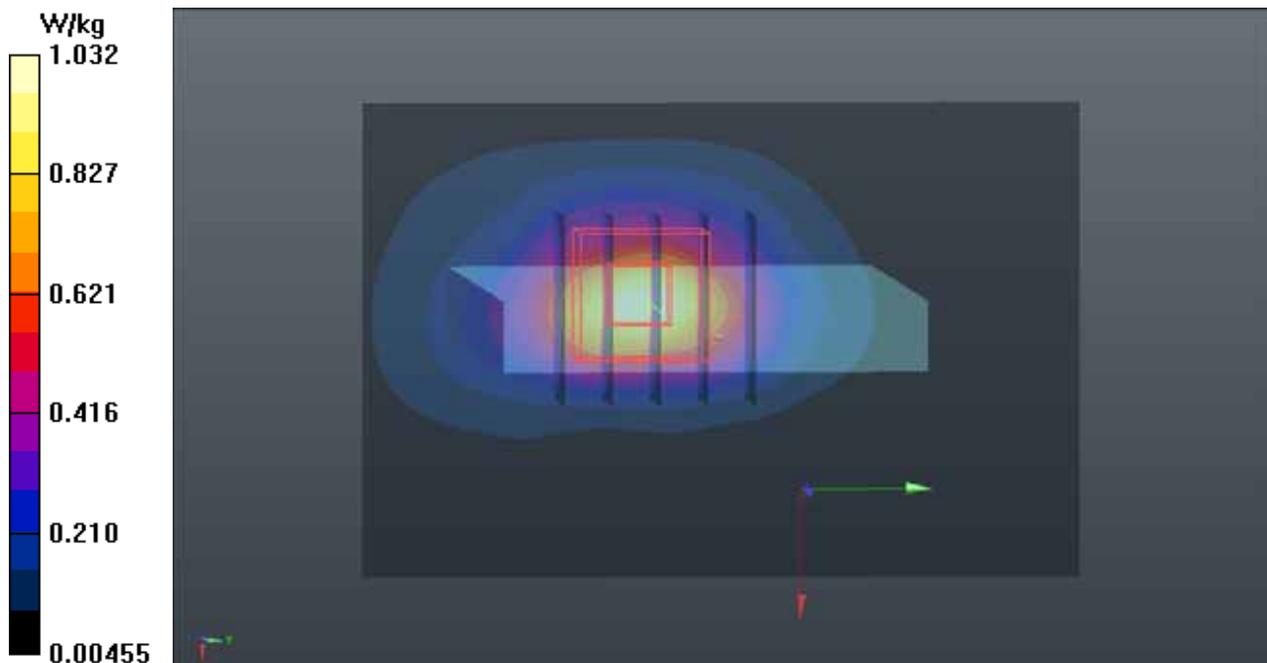
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.98 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.80 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.524 W/kg

Maximum value of SAR (measured) = 1.41 W/kg



P26 LTE 5_QPSK10M_Right Side_1cm_Ch20525_1RB_OS0

DUT: 141216C28

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: B08T09N2_1229 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.963$ S/m; $\epsilon_r = 56.061$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(9.74, 9.74, 9.74); Calibrated: 2014/03/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (31x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 21.75 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.517 W/kg

SAR(1 g) = 0.368 W/kg; SAR(10 g) = 0.258 W/kg

Maximum value of SAR (measured) = 0.447 W/kg

