



A D T

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_Right Cheek_Ch384_Ant1

DUT: 141203C11

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

Medium: H08T09N2_0116 Medium parameters used: $f = 837$ MHz; $\sigma = 0.922$ S/m; $\epsilon_r = 42.215$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(10, 10, 10); 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 (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.846 W/kg

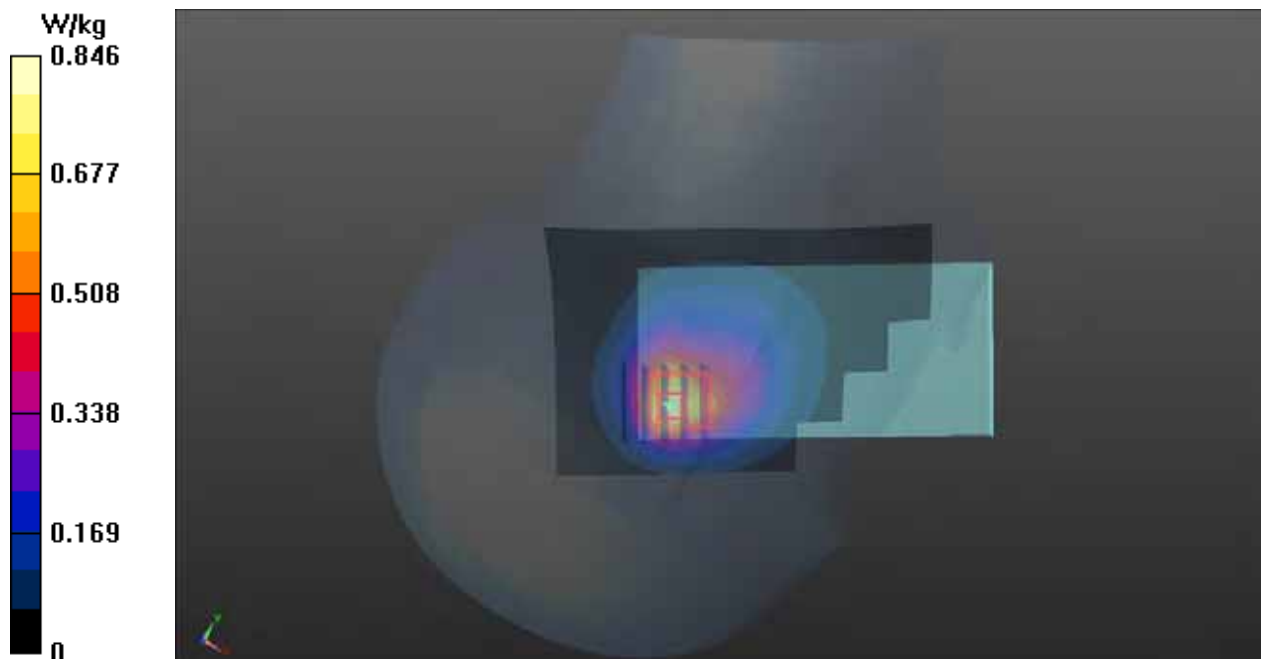
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.00 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.998 W/kg

SAR(1 g) = 0.545 W/kg; SAR(10 g) = 0.329 W/kg

Maximum value of SAR (measured) = 0.753 W/kg



P02 CDMA BC1_RC3+SO55_Right Cheek_Ch600_Ant1

DUT: 141203C11

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

Medium: H18T19N2_0116 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.422$ S/m; $\epsilon_r = 40.68$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.6 °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: Twin SAM Phantom_1823; Type: QD000P40CD;
- 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) = 0.735 W/kg

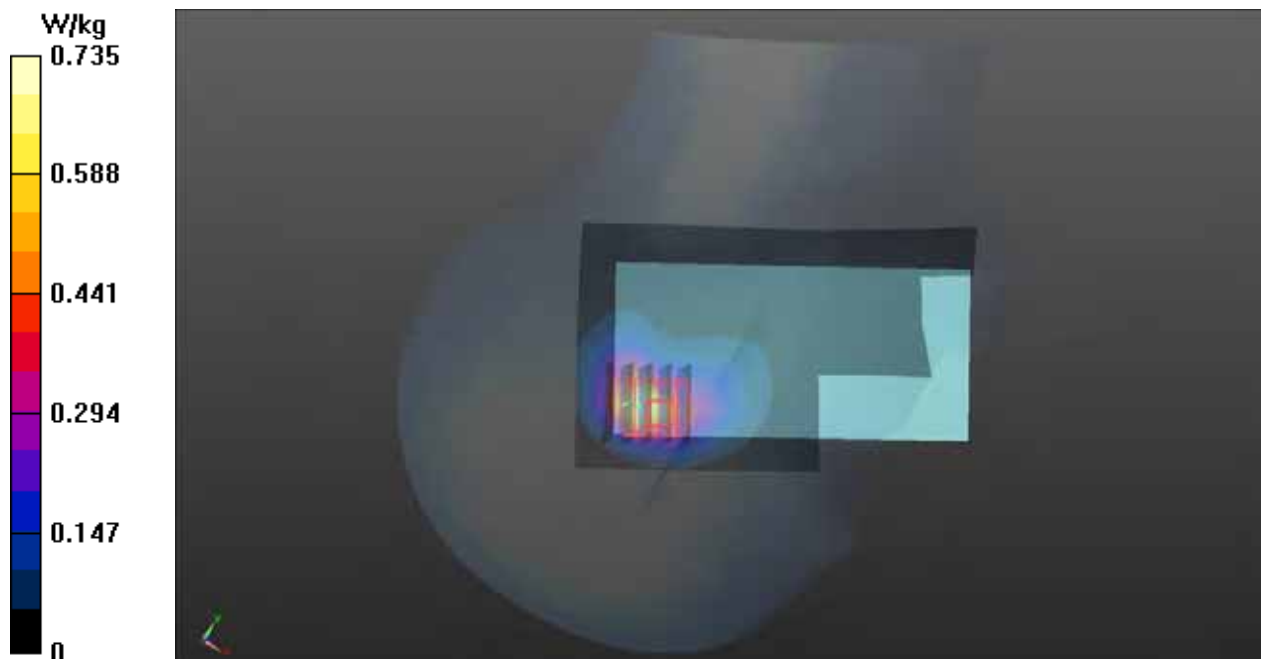
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.18 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.701 W/kg

SAR(1 g) = 0.371 W/kg; SAR(10 g) = 0.205 W/kg

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



P03 CDMA BC10_RC3+SO55_Right Cheek_Ch476_Ant1

DUT: 141203C11

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1

Medium: H08T09N2_0116 Medium parameters used: $f = 818 \text{ MHz}$; $\sigma = 0.904 \text{ S/m}$; $\epsilon_r = 42.409$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(10, 10, 10); 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 (71x121x1):** Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.750 W/kg

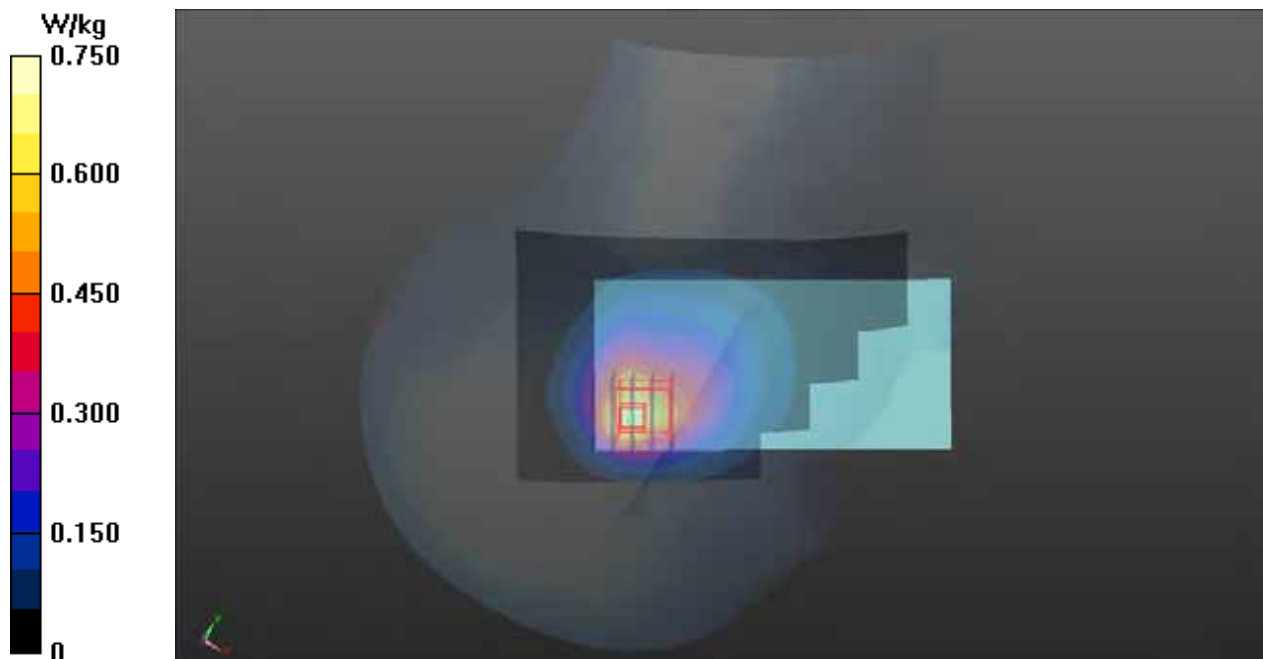
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 20.37 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.903 W/kg

SAR(1 g) = 0.493 W/kg; SAR(10 g) = 0.300 W/kg

Maximum value of SAR (measured) = 0.684 W/kg



P04 LTE 2_QPSK20M_Right Cheek_Ch19100_Ant1_1RB_0OS**DUT: 141203C11**

Communication System: LTE; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: H18T19N2_0116 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.442$ S/m; $\epsilon_r = 40.609$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.6 °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: Twin SAM Phantom_1823; Type: QD000P40CD;
- 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) = 0.524 W/kg

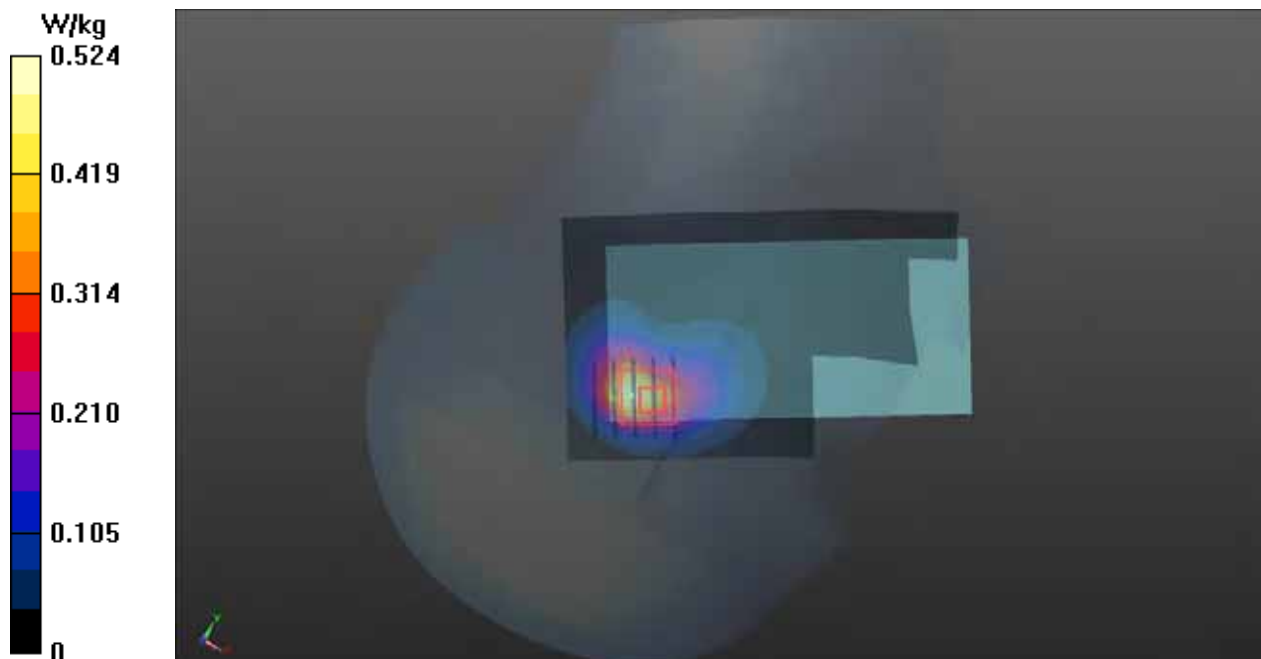
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.421 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.527 W/kg

SAR(1 g) = 0.259 W/kg; SAR(10 g) = 0.149 W/kg

Maximum value of SAR (measured) = 0.372 W/kg



P05 LTE 4_QPSK20M_Right Cheek_Ch20300_Ant1_1RB_0OS

DUT: 141203C11

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: H17T18N2_0116 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.381$ S/m; $\epsilon_r = 41.427$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.4, 8.4, 8.4); 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 (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

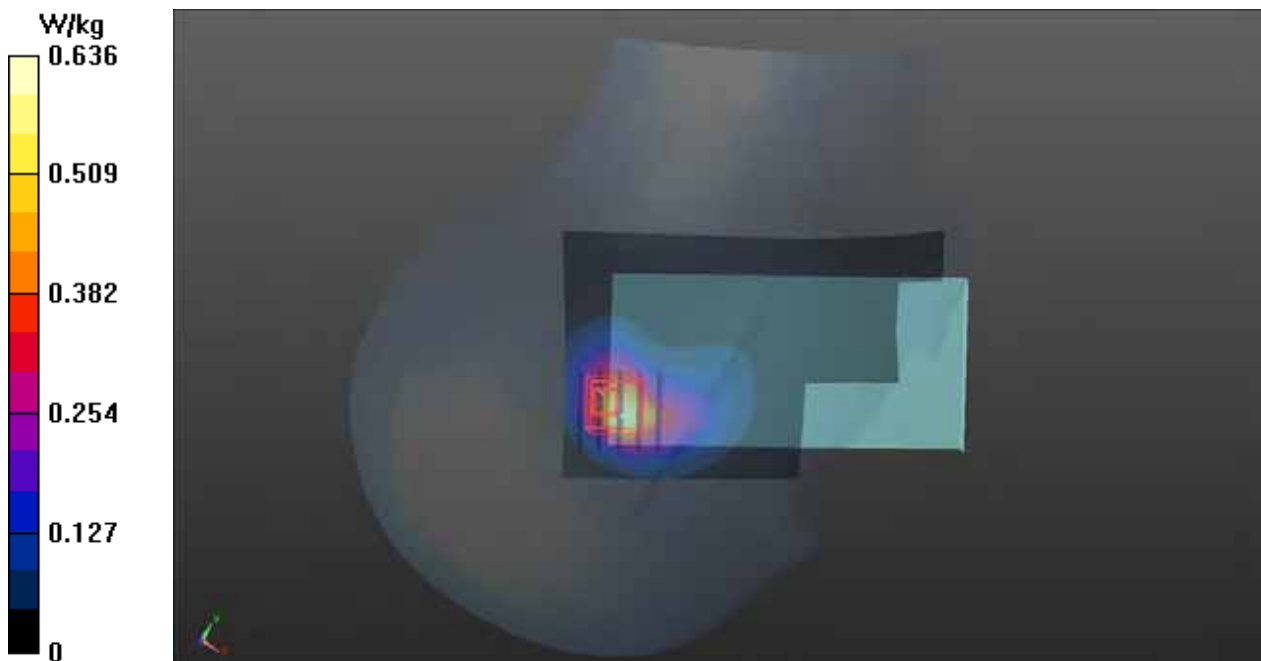
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.86 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.701 W/kg

SAR(1 g) = 0.363 W/kg; SAR(10 g) = 0.192 W/kg

Maximum value of SAR (measured) = 0.530 W/kg



P06 LTE 12_QPSK10M_Right Cheek_Ch23130_Ant1_1RB_49OS

DUT: 141203C11

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

Medium: H07T08N2_0116 Medium parameters used: $f = 711$ MHz; $\sigma = 0.856$ S/m; $\epsilon_r = 41.453$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(10.3, 10.3, 10.3); 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 (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.296 W/kg

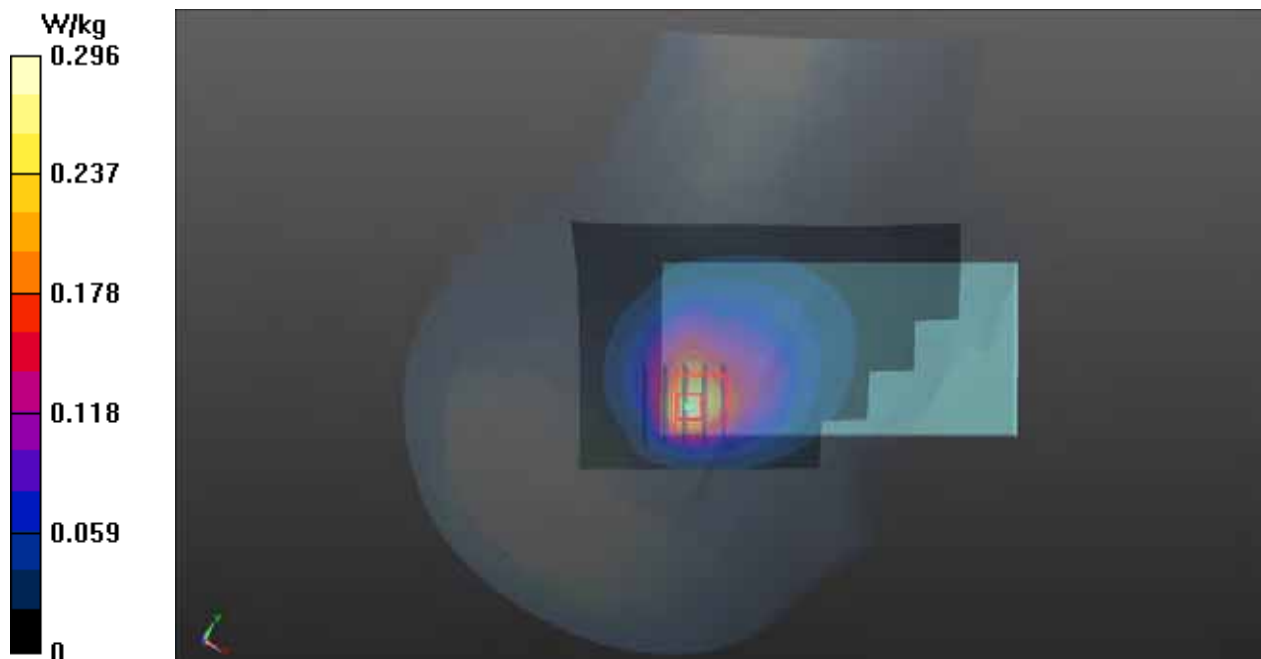
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.01 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.385 W/kg

SAR(1 g) = 0.190 W/kg; SAR(10 g) = 0.109 W/kg

Maximum value of SAR (measured) = 0.283 W/kg



P07 LTE 25_QPSK20M_Right Cheek_Ch26590_Ant1_1RB_0OS

DUT: 141203C11

Communication System: LTE; Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: H18T19N2_0116 Medium parameters used: $f = 1905$ MHz; $\sigma = 1.447$ S/m; $\epsilon_r = 40.585$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.6 °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: Twin SAM Phantom_1823; Type: QD000P40CD;
- 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) = 0.529 W/kg

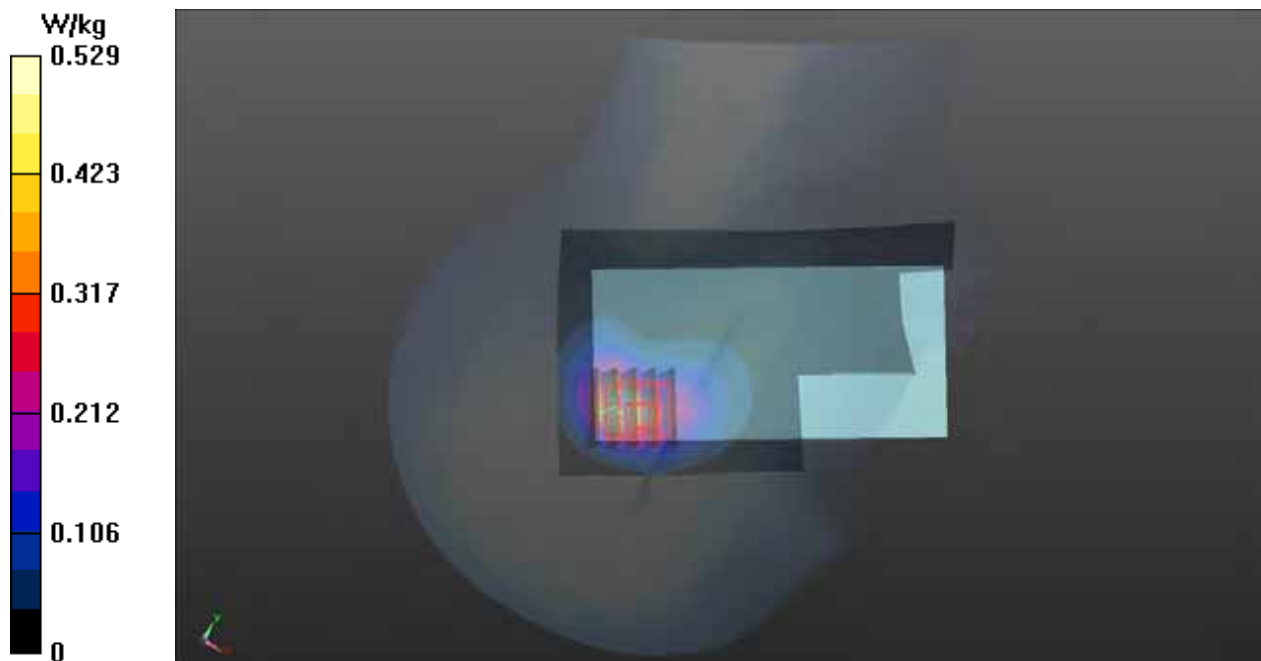
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.497 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.553 W/kg

SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.157 W/kg

Maximum value of SAR (measured) = 0.388 W/kg



P08 LTE 26_QPSK15M_Right Cheek_Ch26965_Ant1_1RB_0OS**DUT: 141203C11**

Communication System: LTE; Frequency: 841.5 MHz; Duty Cycle: 1:1

Medium: H08T09N2_0116 Medium parameters used: $f = 841.5$ MHz; $\sigma = 0.928$ S/m; $\epsilon_r = 42.251$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(10, 10, 10); 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.847 W/kg

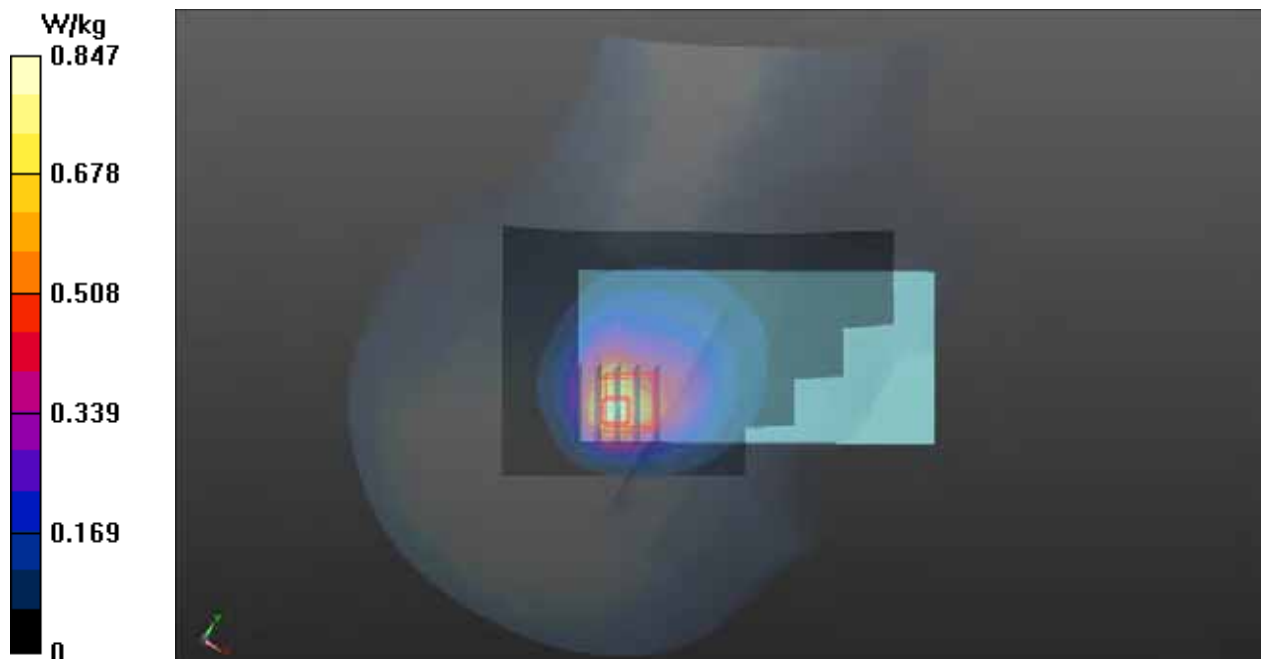
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.07 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.996 W/kg

SAR(1 g) = 0.536 W/kg; SAR(10 g) = 0.321 W/kg

Maximum value of SAR (measured) = 0.741 W/kg



P09 LTE 41_QPSK20M_Right Cheek_Ch40185_Ant1_50RB_OS0

DUT: 141203C11

Communication System: LTE; Frequency: 2549.5 MHz; Duty Cycle: 1:1.58

Medium: H24T25N2_0120 Medium parameters used: $f = 2549.5$ MHz; $\sigma = 1.966$ S/m; $\epsilon_r = 38.258$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.9 °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) = 0.370 W/kg

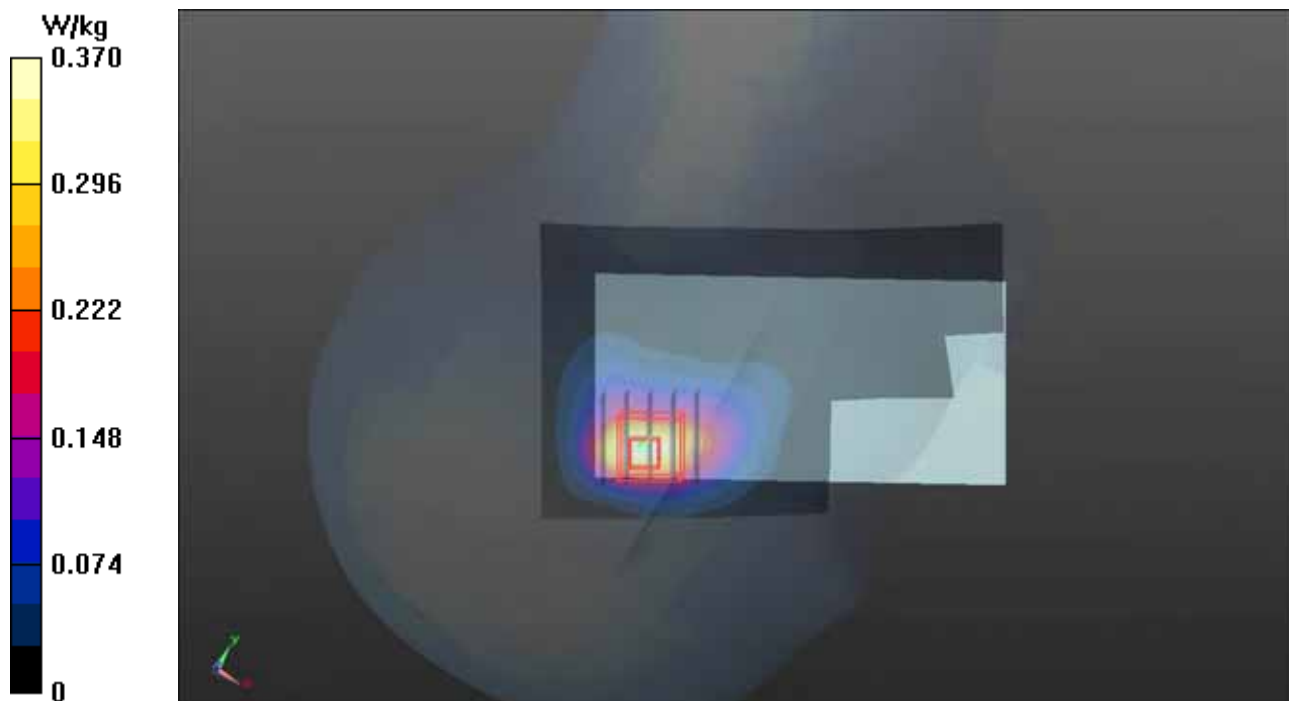
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.922 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.518 W/kg

SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.114 W/kg

Maximum value of SAR (measured) = 0.329 W/kg



P10 802.11b_Left Tilted_Ch6

DUT: 141203C11

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

Medium: H24T25N2_0113 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.794$ S/m; $\epsilon_r = 39.97$; $\rho = 1000$ kg/m³

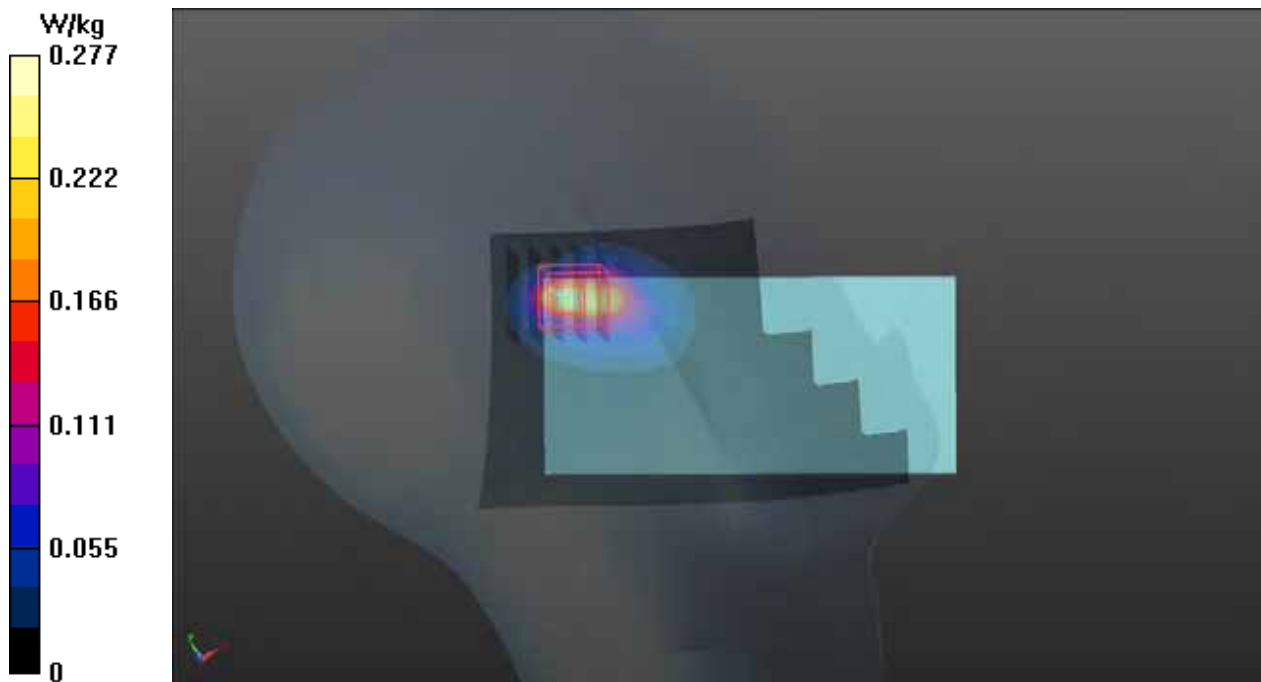
Ambient Temperature : 22.1 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.18, 7.18, 7.18); 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 (91x131x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.277 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.887 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.597 W/kg
SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.088 W/kg
Maximum value of SAR (measured) = 0.373 W/kg



P11 802.11a_Left Cheek_Ch48

DUT: 141203C11

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

Medium: H50T60N1_0113 Medium parameters used: $f = 5240$ MHz; $\sigma = 4.679$ S/m; $\epsilon_r = 36.698$; $\rho = 1000$ kg/m³

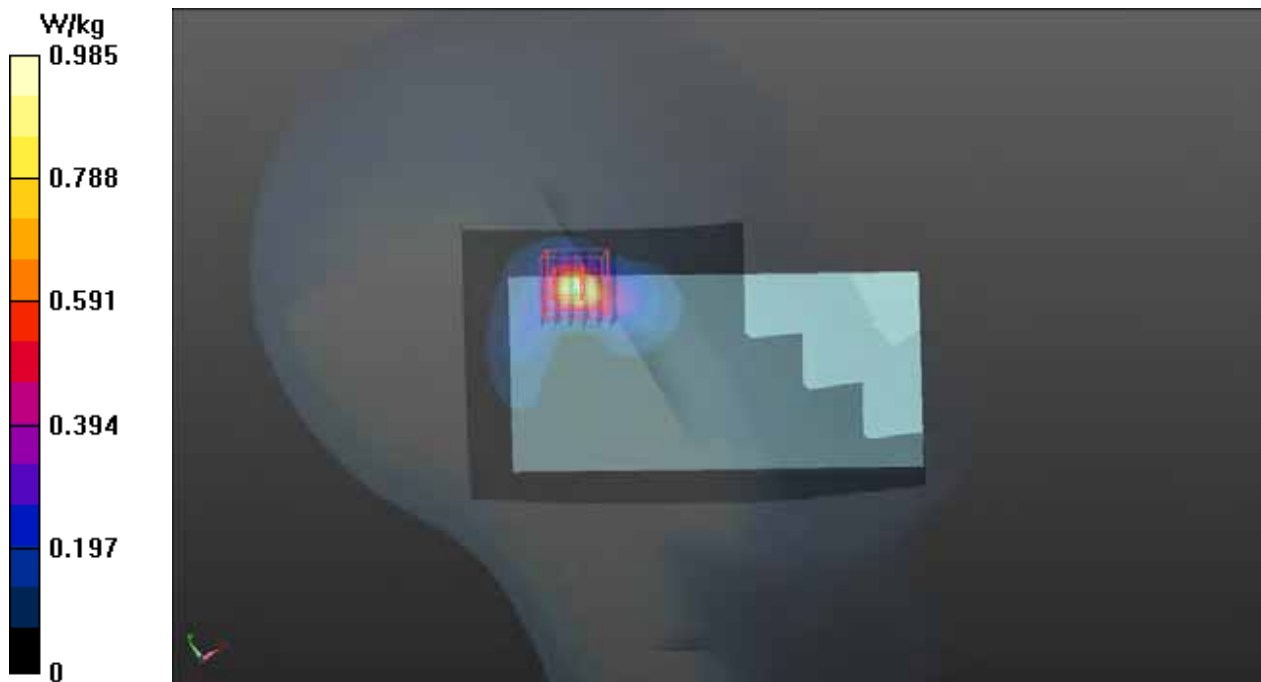
Ambient Temperature : 22.2 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(5.31, 5.31, 5.31); 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 (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.985 W/kg

- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 5.517 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.89 W/kg
SAR(1 g) = 0.513 W/kg; SAR(10 g) = 0.167 W/kg
Maximum value of SAR (measured) = 1.00 W/kg



P12 802.11a_Left Cheek_Ch60

DUT: 141203C11

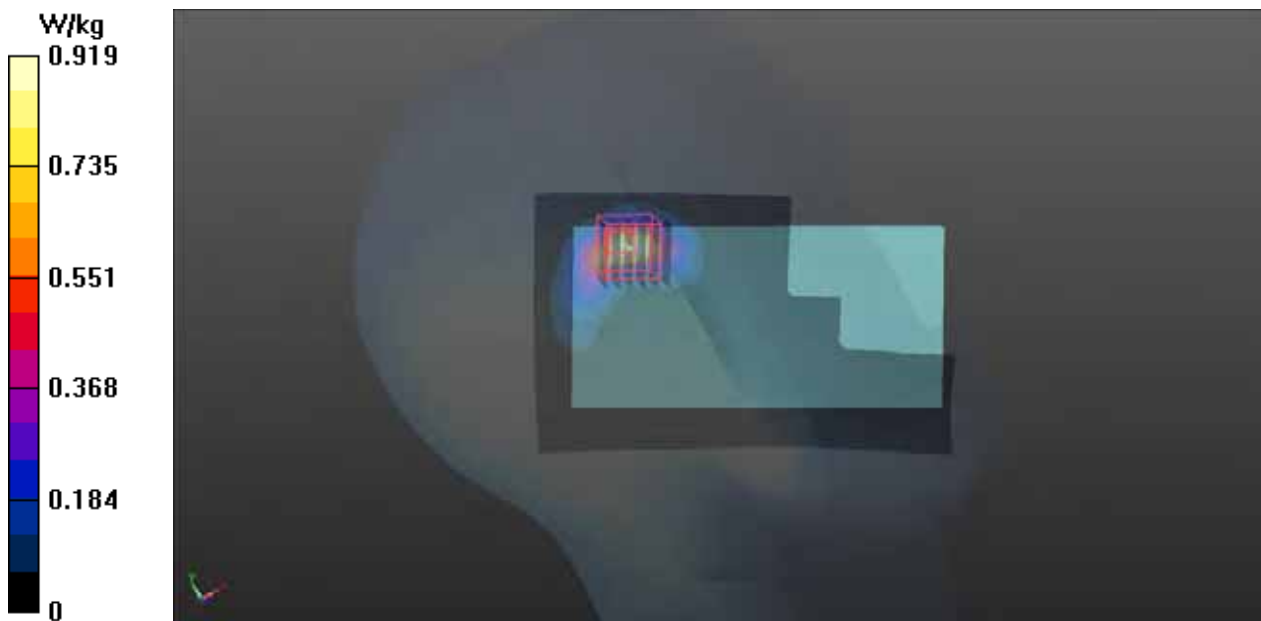
Communication System: WLAN_5G; Frequency: 5300 MHz; Duty Cycle: 1:1
Medium: H50T60N3_0106 Medium parameters used: $f = 5300$ MHz; $\sigma = 4.914$ S/m; $\epsilon_r = 37.221$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.6 °C; Liquid Temperature : 21.2 °C

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: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (101x181x1)**: Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.919 W/kg

- **Zoom Scan (6x6x12)/Cube 0**: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 5.304 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 2.19 W/kg
SAR(1 g) = 0.521 W/kg; SAR(10 g) = 0.163 W/kg
Maximum value of SAR (measured) = 1.02 W/kg



P13 802.11a_Left Cheek_Ch116

DUT: 141203C11

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

Medium: H50T60N1_0113 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.007$ S/m; $\epsilon_r = 36.121$; $\rho = 1000$ kg/m³

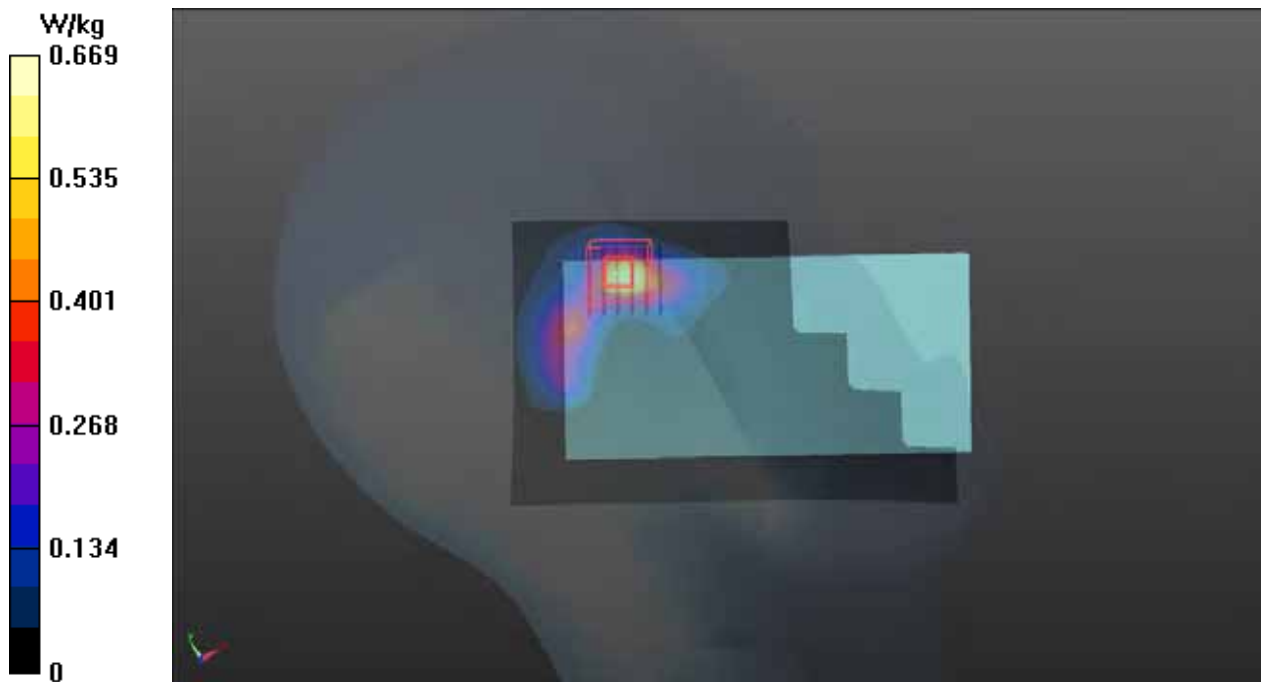
Ambient Temperature : 22.2 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(4.77, 4.77, 4.77); 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 (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.669 W/kg

- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 5.276 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.86 W/kg
SAR(1 g) = 0.346 W/kg; SAR(10 g) = 0.112 W/kg
Maximum value of SAR (measured) = 0.657 W/kg



P14 802.11a_Left Cheek_Ch157

DUT: 141203C11

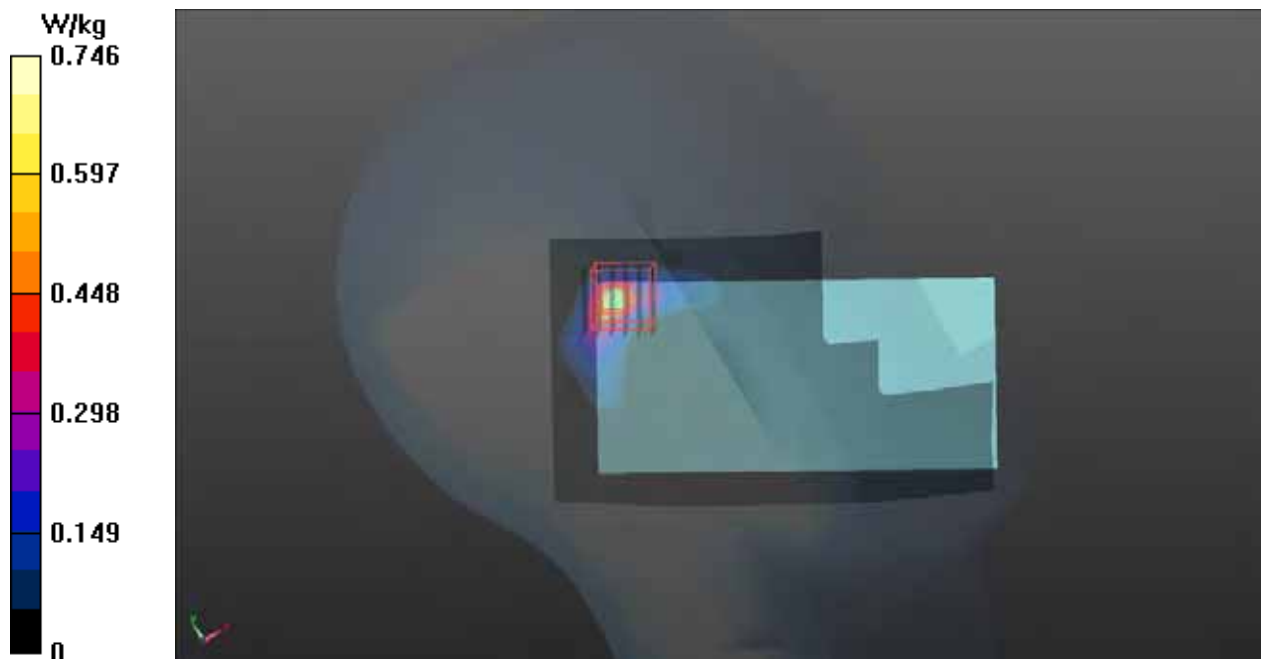
Communication System: WLAN_5G; Frequency: 5785 MHz; Duty Cycle: 1:1
 Medium: H50T60N2_0115 Medium parameters used: $f = 5785$ MHz; $\sigma = 5.402$ S/m; $\epsilon_r = 36.364$; $\rho = 1000$ kg/m³
 Ambient Temperature : 22.4 °C; Liquid Temperature : 21.5 °C

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: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.746 W/kg

- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm
 Reference Value = 4.510 V/m; Power Drift = -0.08 dB
 Peak SAR (extrapolated) = 2.49 W/kg
SAR(1 g) = 0.300 W/kg; SAR(10 g) = 0.070 W/kg
 Maximum value of SAR (measured) = 0.675 W/kg



P15 CDMA BC0_RTAP 153.6_Rear Face_1cm_Ch777_Ant0

DUT: 141203C11

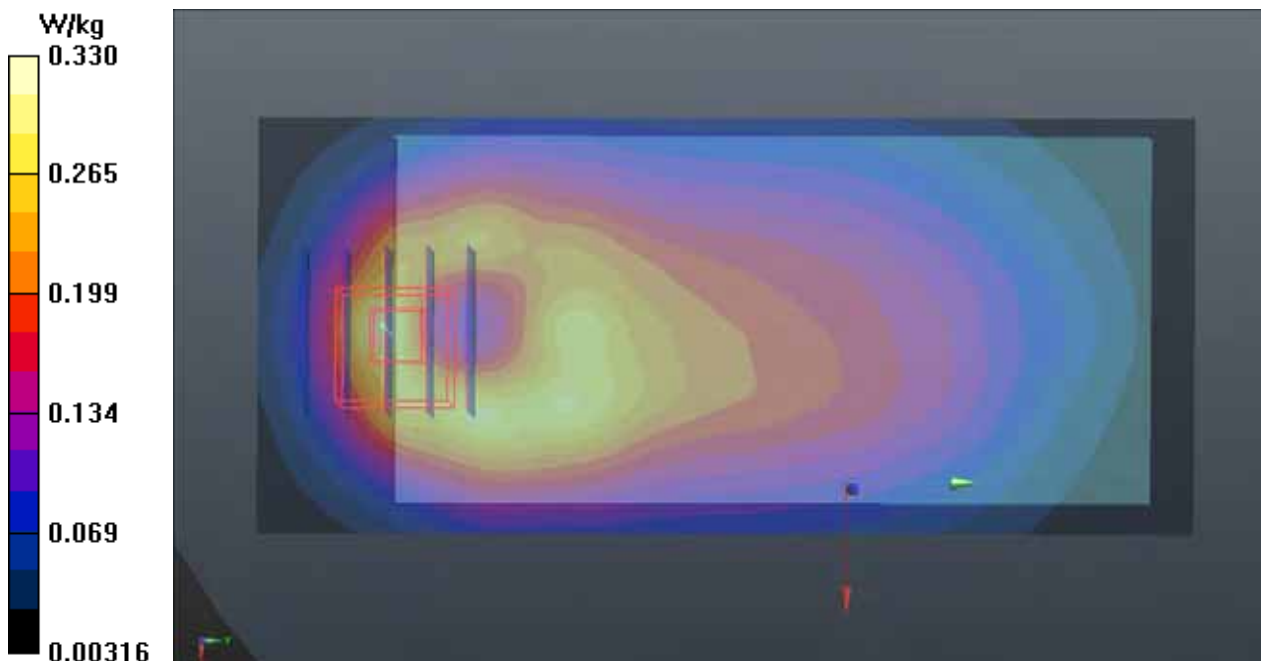
Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium: B08T09N3_0117 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.977$ S/m; $\epsilon_r = 55.941$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 22.2 °C; Liquid Temperature : 21.5 °C

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) = 0.330 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.22 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.489 W/kg
SAR(1 g) = 0.279 W/kg; SAR(10 g) = 0.160 W/kg
Maximum value of SAR (measured) = 0.358 W/kg



P16 CDMA BC1_RTAP 153.6_Rear Face_1cm_Ch600_Ant0

DUT: 141203C11

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

Medium: B18T19N3_0117 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.523$ S/m; $\epsilon_r = 51.908$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1 °C; Liquid Temperature : 21.3 °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: 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) = 0.139 W/kg

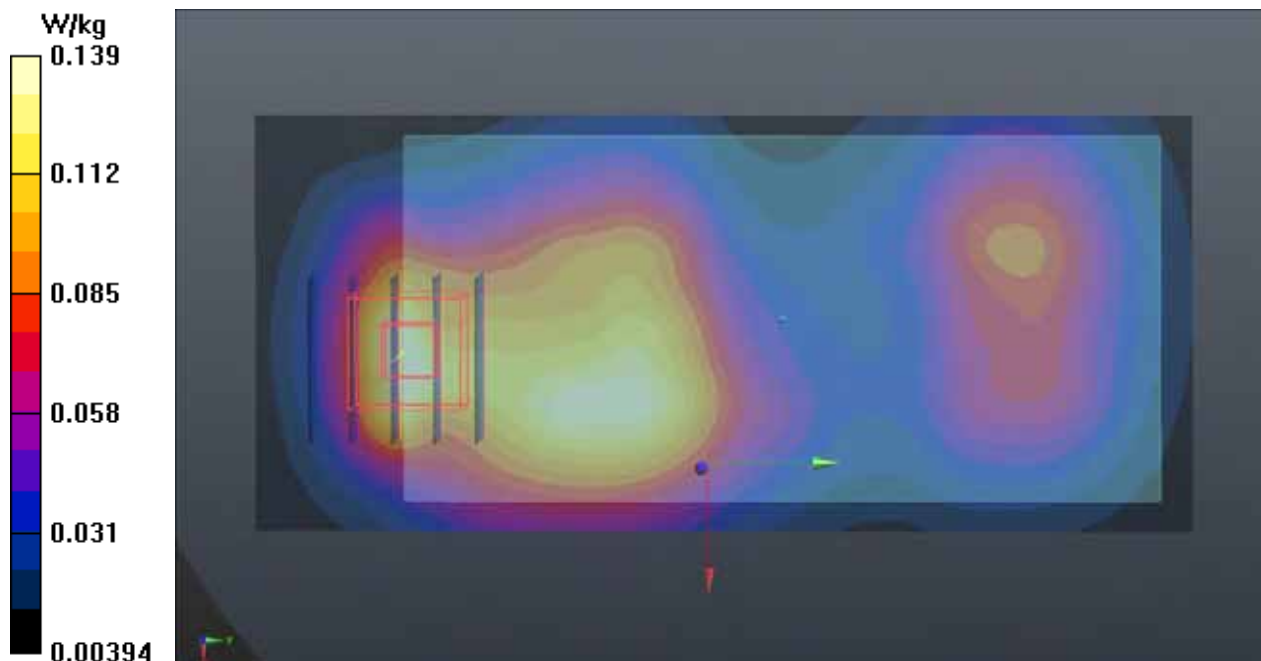
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.334 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.226 W/kg

SAR(1 g) = 0.132 W/kg; SAR(10 g) = 0.074 W/kg

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



P17 CDMA BC10_RTAP 153.6_Rear Face_1cm_Ch476_Ant0

DUT: 141203C11

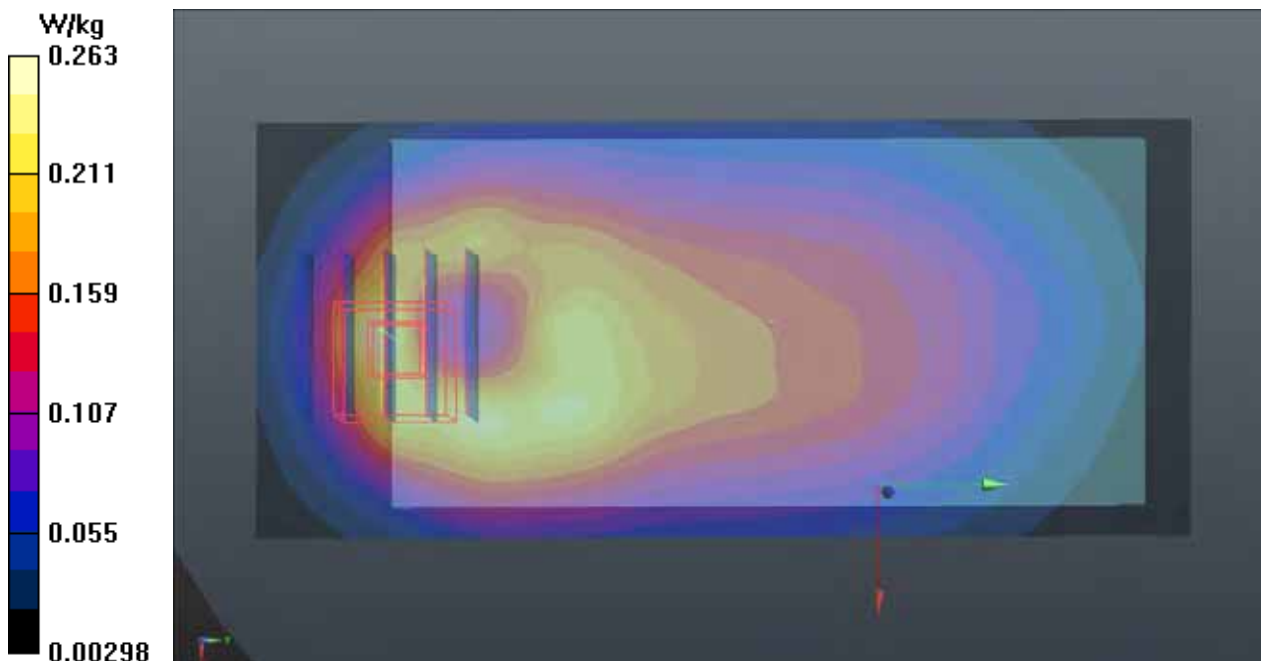
Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1
Medium: B08T09N3_0117 Medium parameters used: $f = 818 \text{ MHz}$; $\sigma = 0.946 \text{ S/m}$; $\epsilon_r = 56.252$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $22.2 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

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: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 0.263 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 13.18 V/m ; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.389 W/kg
SAR(1 g) = 0.222 W/kg ; SAR(10 g) = 0.128 W/kg
Maximum value of SAR (measured) = 0.288 W/kg



P18 LTE 2_QPSK20M_Rear Face_1cm_Ch19100_Ant0_1RB_OS0

DUT: 141203C11

Communication System: LTE; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: B18T19N3_0117 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.549$ S/m; $\epsilon_r = 51.826$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1 °C; Liquid Temperature : 21.3 °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: 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) = 0.112 W/kg

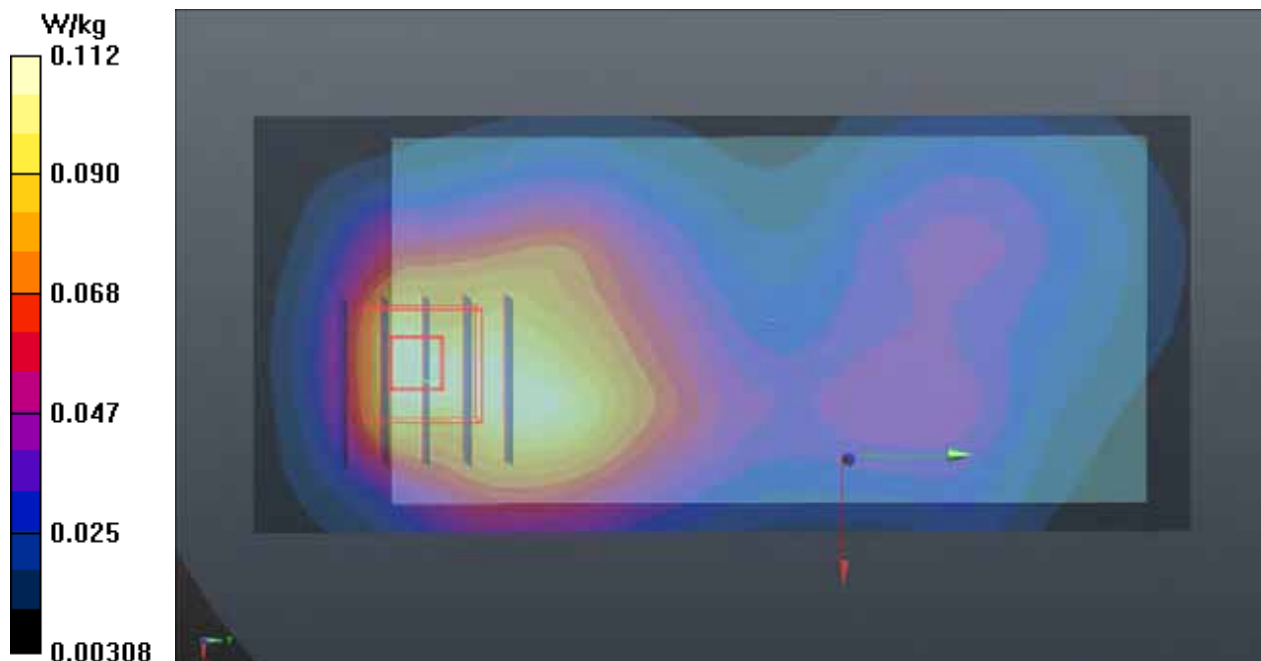
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.473 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.175 W/kg

SAR(1 g) = 0.103 W/kg; SAR(10 g) = 0.059 W/kg

Maximum value of SAR (measured) = 0.140 W/kg



P19 LTE 4_QPSK20M_Rear Face_1cm_Ch20300_Ant1_1RB_OS0

DUT: 141203C11

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: B17T18N1_0122 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.485$ S/m; $\epsilon_r = 52.428$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.93, 7.93, 7.93); 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) = 0.177 W/kg

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

Reference Value = 4.614 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.210 W/kg

SAR(1 g) = 0.124 W/kg; SAR(10 g) = 0.067 W/kg

Maximum value of SAR (measured) = 0.162 W/kg



P20 LTE 12_QPSK10M_Rear Face_1cm_Ch23130_Ant0_25RB_OS25**DUT: 141203C11**

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

Medium: B07T08N2_0123 Medium parameters used: $f = 711$ MHz; $\sigma = 0.936$ S/m; $\epsilon_r = 55.765$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.6 °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 (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.147 W/kg

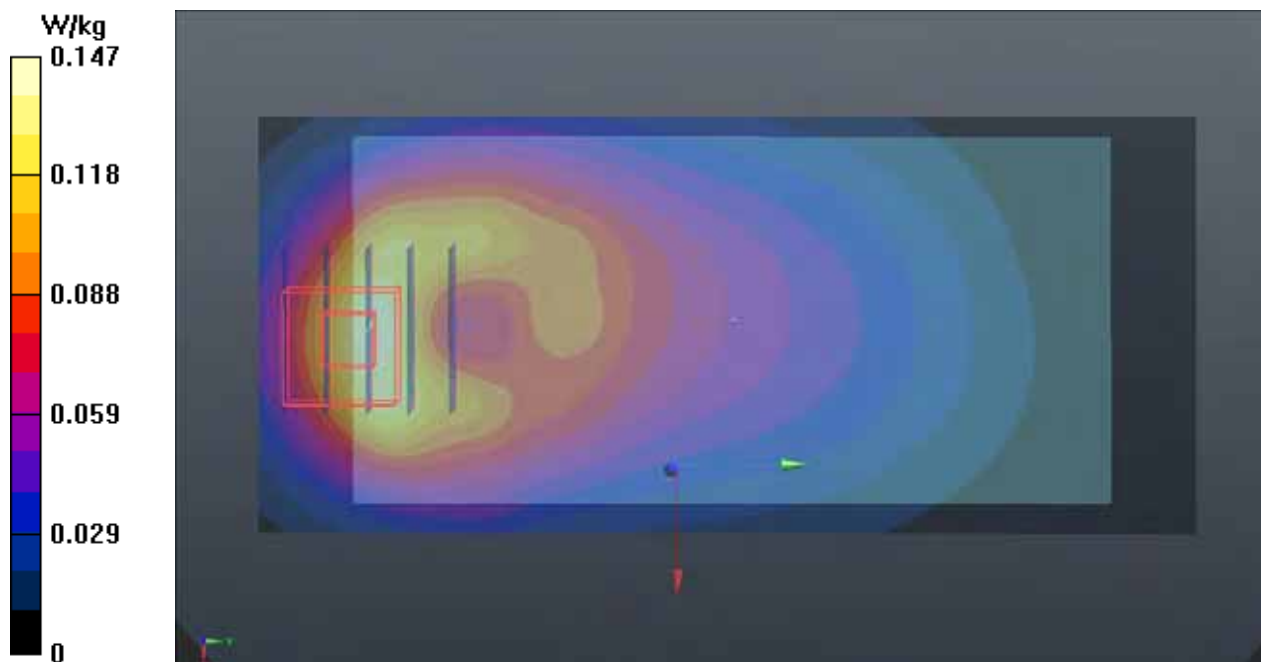
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.934 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.184 W/kg

SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.060 W/kg

Maximum value of SAR (measured) = 0.133 W/kg



P21 LTE 25_QPSK20M_Rear Face_1cm_Ch26590_Ant0_1RB_OS0

DUT: 141203C11

Communication System: LTE; Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: B18T19N3_0117 Medium parameters used: $f = 1905$ MHz; $\sigma = 1.555$ S/m; $\epsilon_r = 51.81$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1 °C; Liquid Temperature : 21.3 °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: 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) = 0.181 W/kg

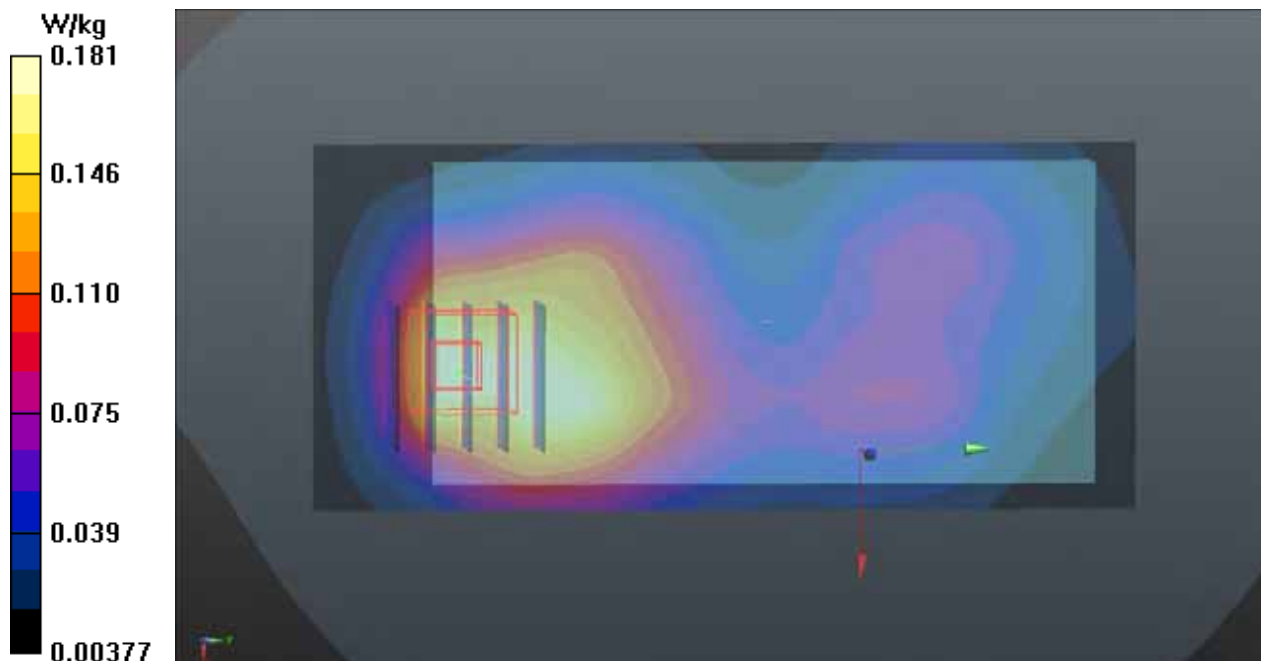
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.787 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.286 W/kg

SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.094 W/kg

Maximum value of SAR (measured) = 0.228 W/kg



P22 LTE 26_QPSK15M_Rear Face_1cm_Ch26965_Ant0_1RB_OS0

DUT: 141203C11

Communication System: LTE; Frequency: 841.5 MHz; Duty Cycle: 1:1

Medium: B08T09N3_0117 Medium parameters used: $f = 841.5$ MHz; $\sigma = 0.969$ S/m; $\epsilon_r = 56.011$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.5 °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)

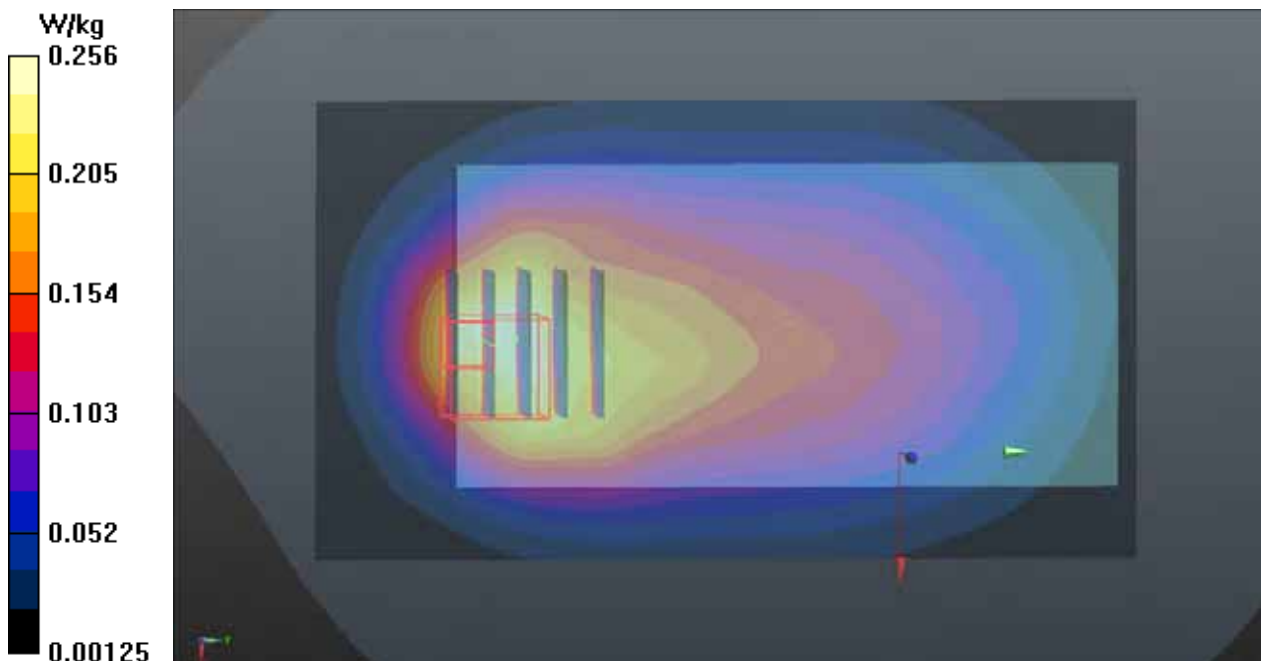
- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.256 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.40 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.353 W/kg

SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.108 W/kg

Maximum value of SAR (measured) = 0.268 W/kg



P23 LTE 41_QPSK20M_Rear Face_1cm_Ch40185_Ant0_1RB_OS0

DUT: 141203C11

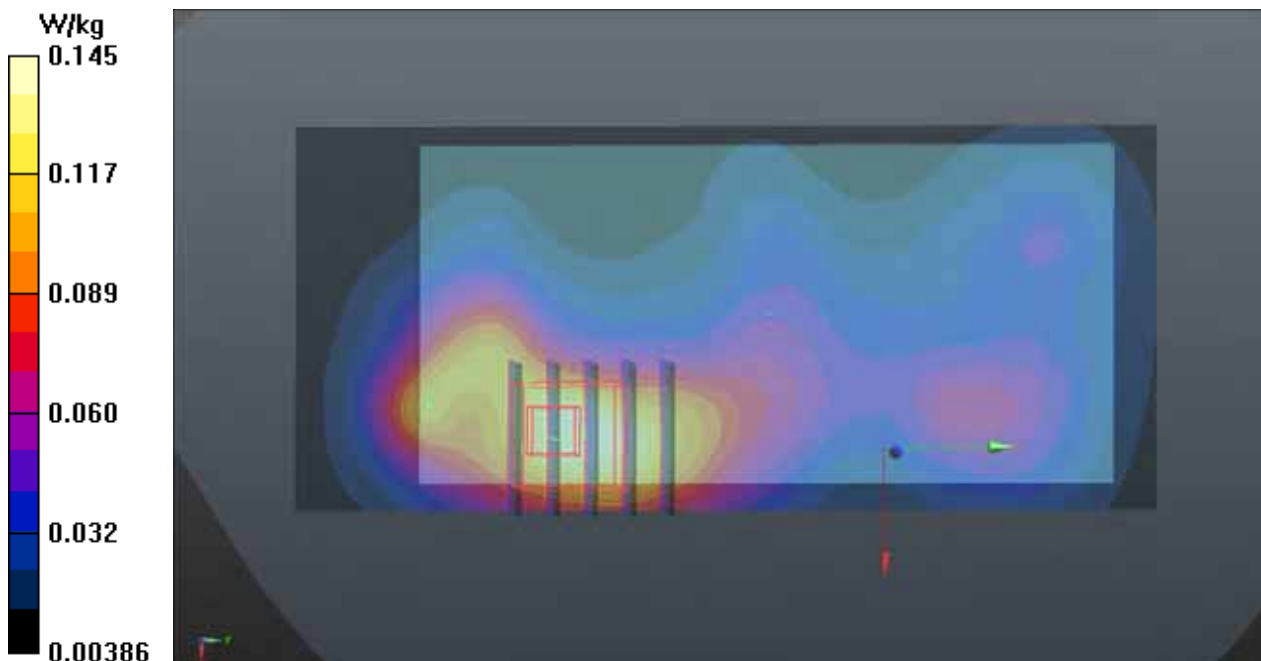
Communication System: LTE TDD CF0; Frequency: 2549.5 MHz; Duty Cycle: 1:1.58
Medium: B25T27N1_0117 Medium parameters used: $f = 2549.5$ MHz; $\sigma = 2.133$ S/m; $\epsilon_r = 52.614$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 22.6 °C; Liquid Temperature : 21.8 °C

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: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.145 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.927 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.229 W/kg
SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.066 W/kg
Maximum value of SAR (measured) = 0.171 W/kg



P24 802.11b_Front Face_1cm_Ch6

DUT: 141203C11

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

Medium: B24T25N1_0104 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.975$ S/m; $\epsilon_r = 51.267$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C ; Liquid Temperature : 21.1 °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) = 0.0565 W/kg

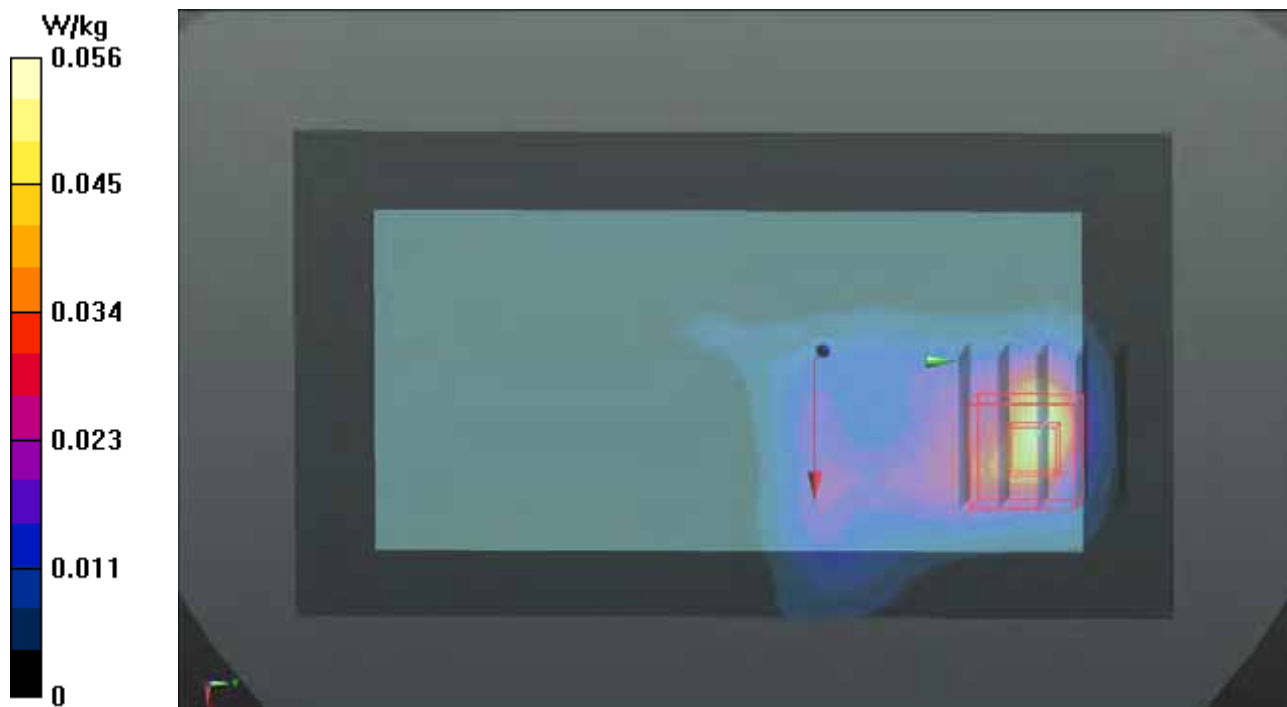
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.8350 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.0650 W/kg

SAR(1 g) = 0.030 W/kg; SAR(10 g) = 0.013 W/kg

Maximum value of SAR (measured) = 0.0442 W/kg



P25 802.11a_Front Face_1cm_Ch48

DUT: 141203C11

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

Medium: B50T60N1_0113 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.401$ S/m; $\epsilon_r = 47.656$; $\rho = 1000$ kg/m³

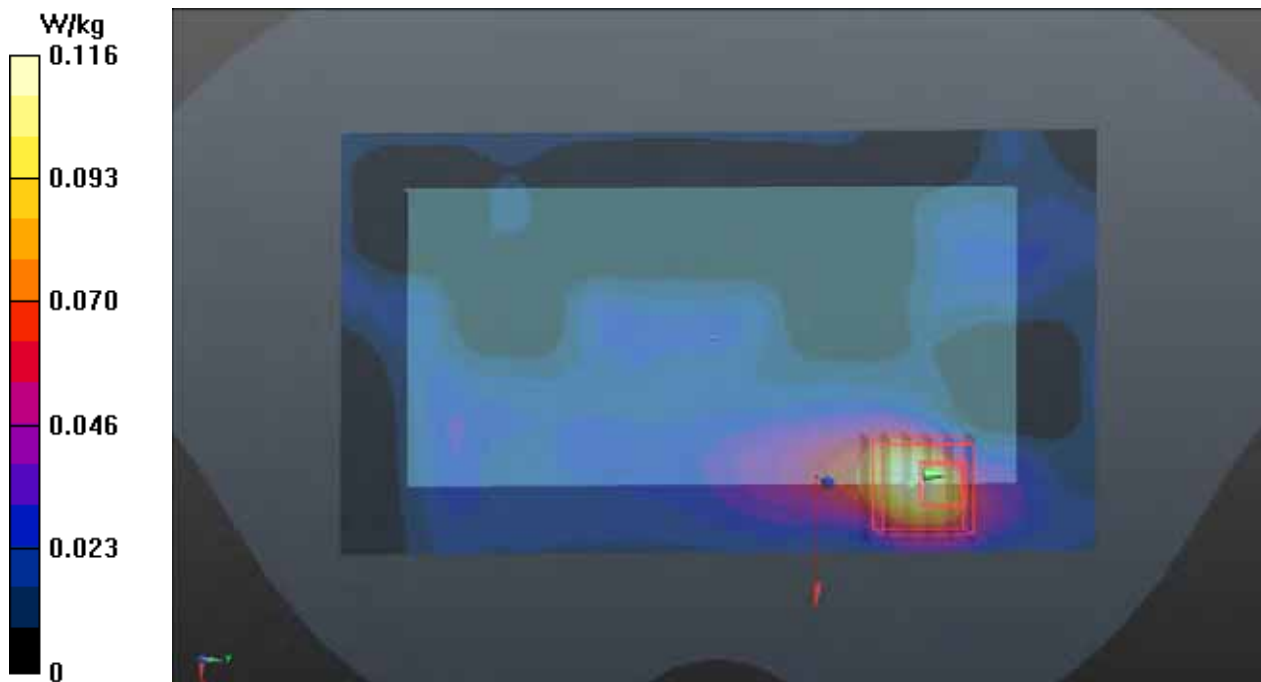
Ambient Temperature : 22.1 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(4.87, 4.87, 4.87); 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 (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.116 W/kg

- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 1.576 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.213 W/kg
SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.022 W/kg
Maximum value of SAR (measured) = 0.111 W/kg



P26 802.11a_Front Face_1cm_Ch60

DUT: 141203C11

Communication System: WLAN_5G; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: B50T60N1_0113 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.496$ S/m; $\epsilon_r = 47.512$; $\rho = 1000$ kg/m³

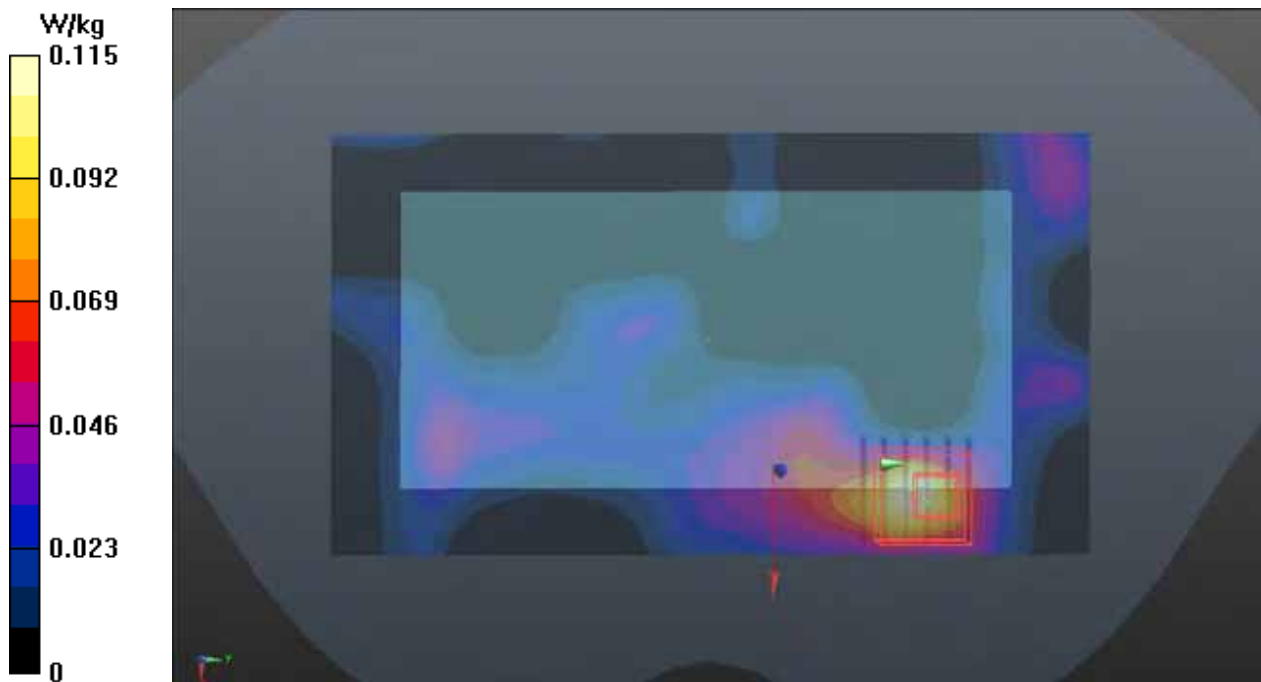
Ambient Temperature : 22.1 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(4.56, 4.56, 4.56); 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 (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.115 W/kg

- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 1.784 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.292 W/kg
SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.024 W/kg
Maximum value of SAR (measured) = 0.129 W/kg



P27 802.11a_Front Face_1cm_Ch116

DUT: 141203C11

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

Medium: B50T60N2_0104 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.661$ S/m; $\epsilon_r = 47.638$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(3.77, 3.77, 3.77); 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 (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0683 W/kg

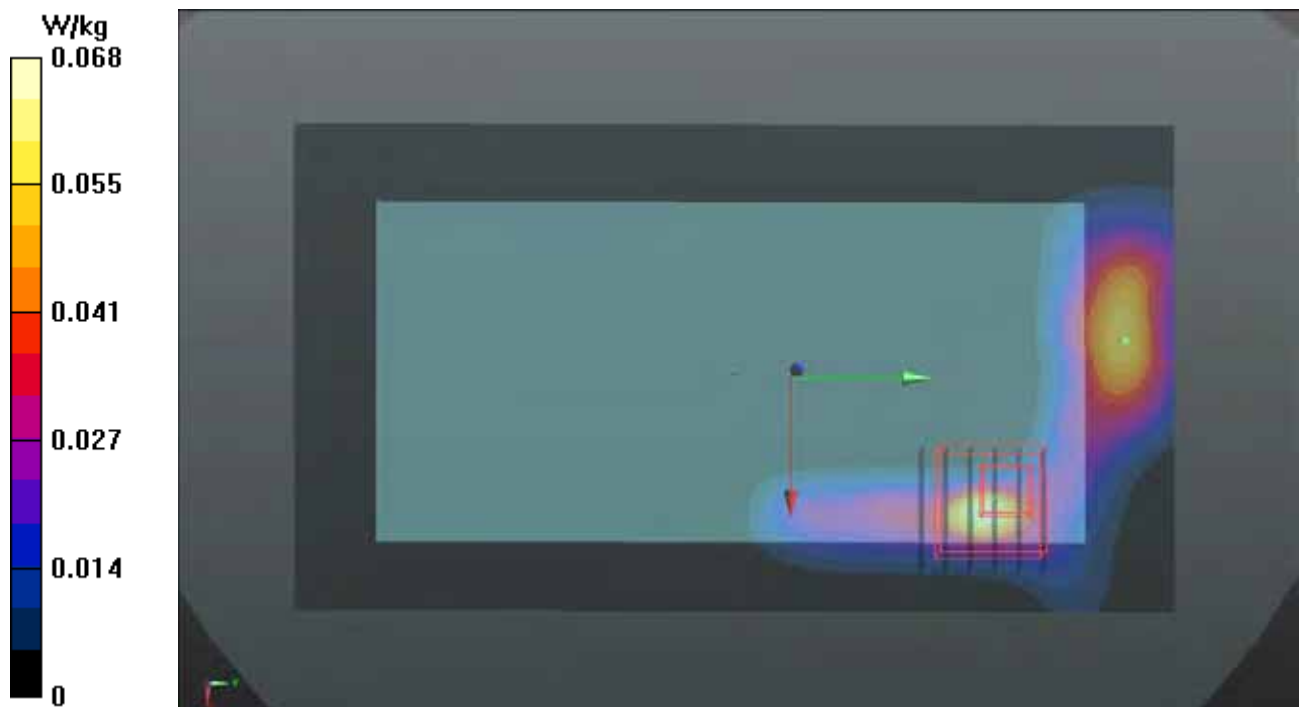
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 0.3380 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.197 W/kg

SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.014 W/kg

Maximum value of SAR (measured) = 0.0884 W/kg



P28 802.11a_Front Face_1cm_Ch157

DUT: 141203C11

Communication System: WLAN_5G; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: B50T60N1_0113 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.168$ S/m; $\epsilon_r = 46.615$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1 °C ; Liquid Temperature : 21.7 °C

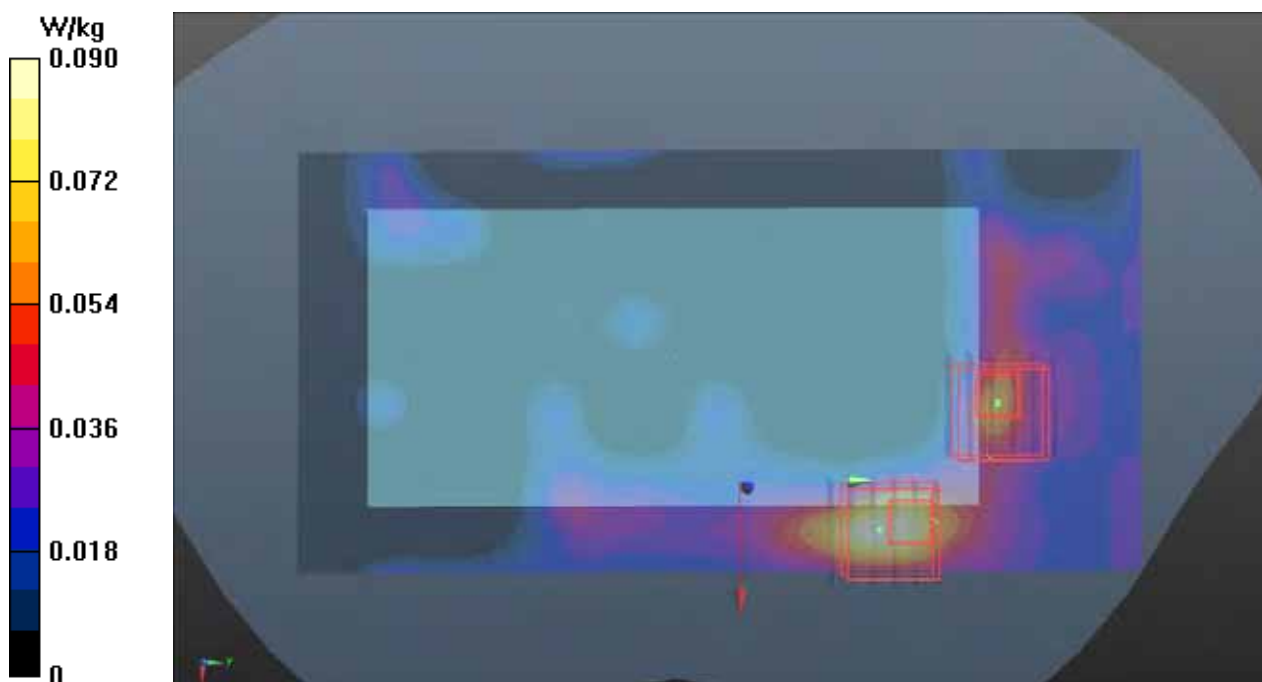
DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(4.4, 4.4, 4.4); 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 (101x201x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0904 W/kg

- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 1.313 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.134 W/kg
SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.013 W/kg
Maximum value of SAR (measured) = 0.0752 W/kg

- **Zoom Scan (6x6x12)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 1.313 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.251 W/kg
SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.010 W/kg
Maximum value of SAR (measured) = 0.0587 W/kg



P29 CDMA BC1_RTAP 153.6_Bottom Side_1cm_Ch600_Ant0

DUT: 141203C11

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

Medium: B18T19N3_0124 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.53$ S/m; $\epsilon_r = 53.846$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °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 (61x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.286 W/kg

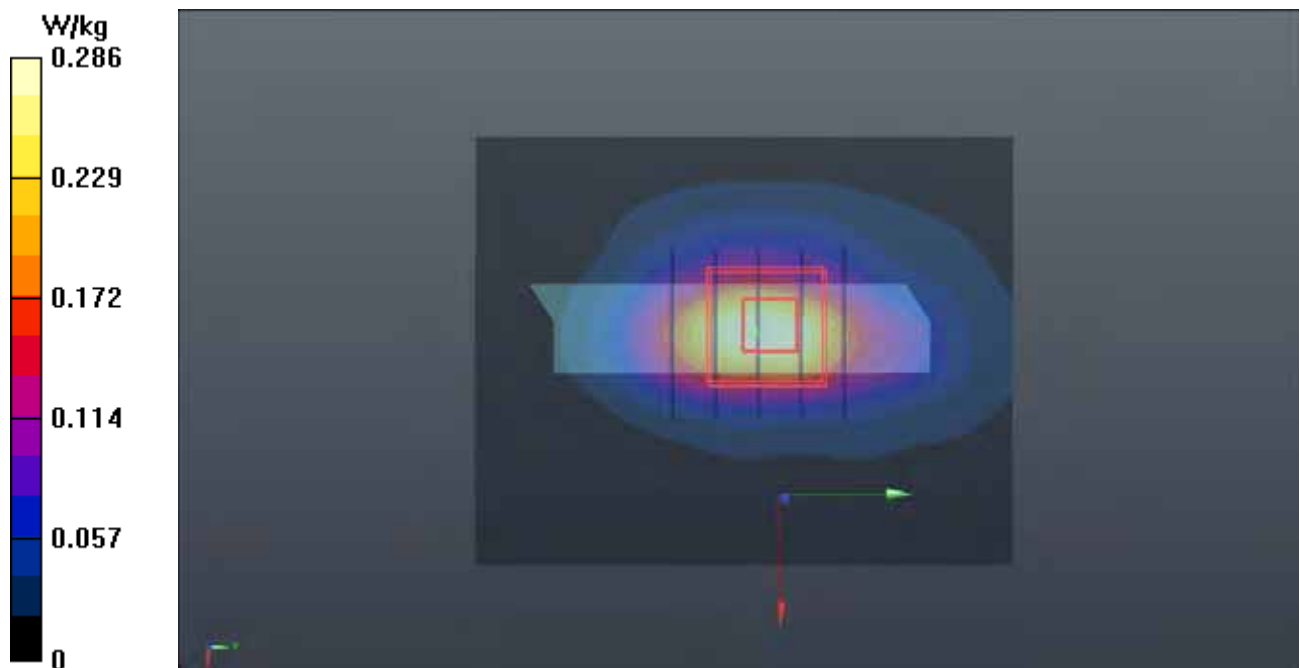
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.25 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.385 W/kg

SAR(1 g) = 0.222 W/kg; SAR(10 g) = 0.118 W/kg

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



P30 LTE 2_QPSK20M_Bottom Side_1cm_Ch19100_Ant0_1RB_0OS

DUT: 141203C11

Communication System: LTE; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: B18T19N1_0123 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.543$ S/m; $\epsilon_r = 53.655$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1 °C; Liquid Temperature : 21.4 °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: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (31x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.222 W/kg

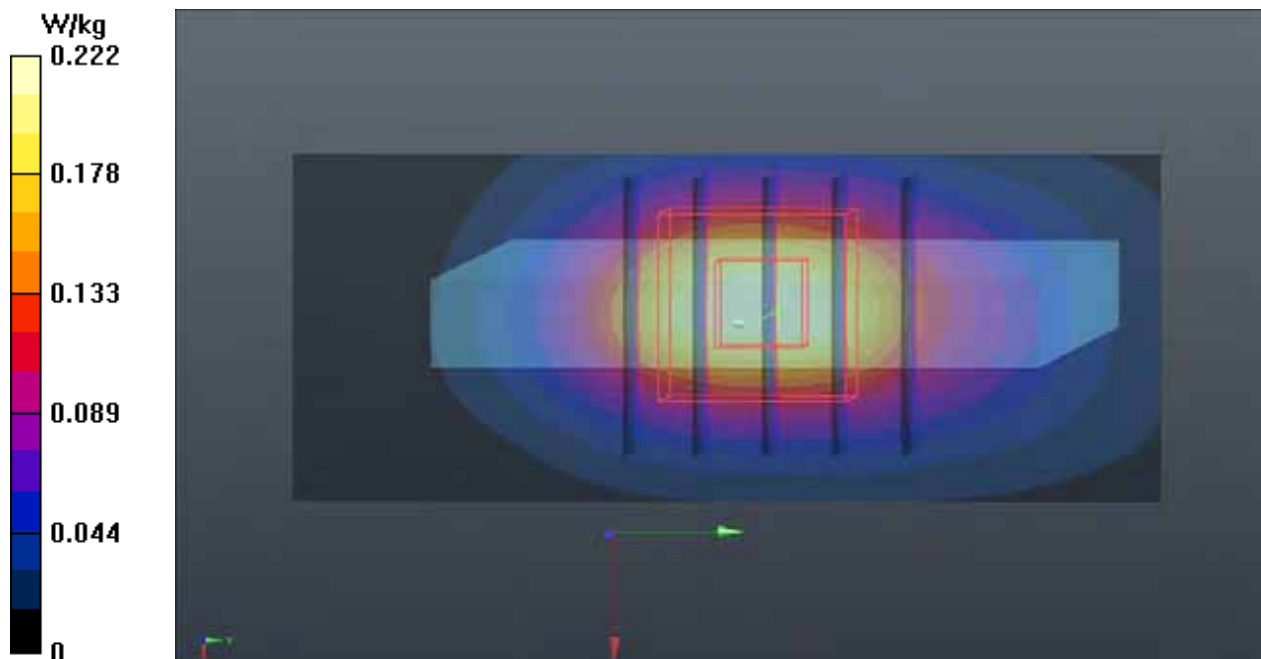
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.18 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.295 W/kg

SAR(1 g) = 0.172 W/kg; SAR(10 g) = 0.091 W/kg

Maximum value of SAR (measured) = 0.236 W/kg



P31 LTE 25_QPSK20M_Bottom Side_1cm_Ch26590_Ant0_1RB_OS0

DUT: 141203C11

Communication System: LTE; Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: B18T19N3_0117 Medium parameters used: $f = 1905$ MHz; $\sigma = 1.555$ S/m; $\epsilon_r = 51.81$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1 °C; Liquid Temperature : 21.3 °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: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (31x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.244 W/kg

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

Reference Value = 12.71 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.316 W/kg

SAR(1 g) = 0.184 W/kg; SAR(10 g) = 0.099 W/kg

Maximum value of SAR (measured) = 0.255 W/kg

