



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_Right Cheek_Ch189_Sample1

DUT: 150324C15

Communication System: GPRS12; Frequency: 836.4 MHz; Duty Cycle: 1:2

Medium: H08T09N1_0427 Medium parameters used: $f = 836$ MHz; $\sigma = 0.914$ S/m; $\epsilon_r = 42.812$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(9.88, 9.88, 9.88); Calibrated: 2015/03/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- 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) = 0.248 W/kg

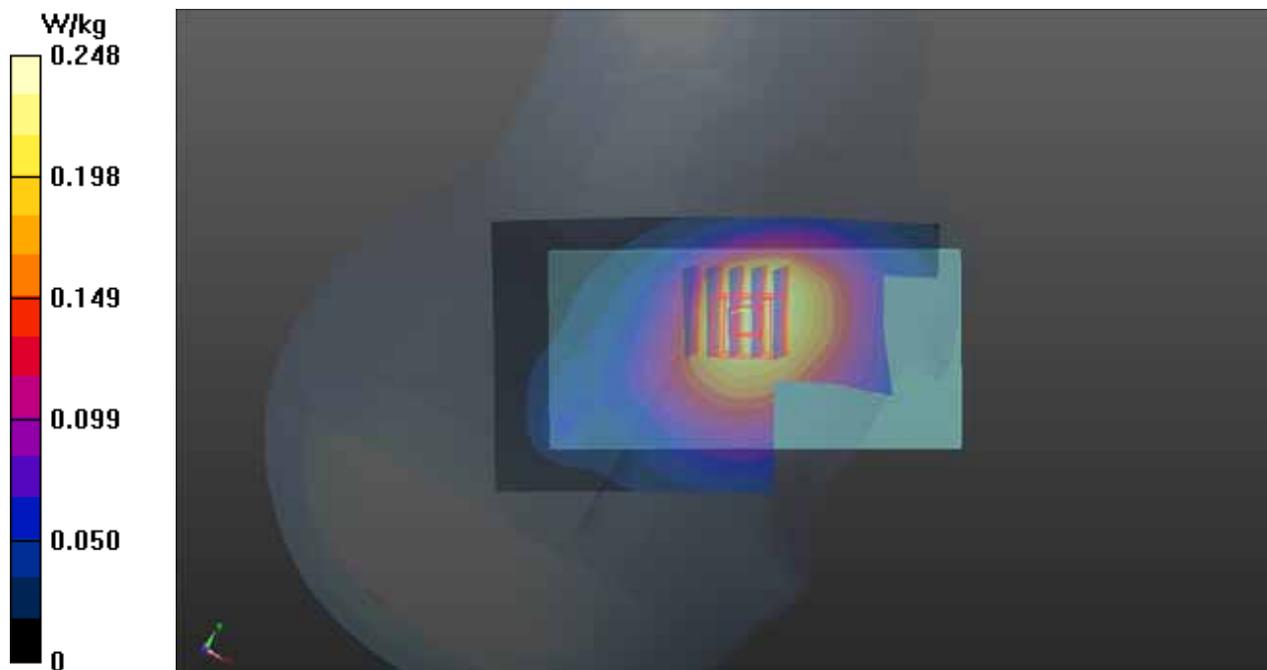
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.395 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.269 W/kg

SAR(1 g) = 0.215 W/kg; SAR(10 g) = 0.164 W/kg

Maximum value of SAR (measured) = 0.243 W/kg



P02 GSM1900 GPRS12_Left Cheek_Ch810_Sample1**DUT: 150324C15**

Communication System: GPRS12; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: H18T19N1_0422 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.453$ S/m; $\epsilon_r = 39.154$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.11, 8.11, 8.11); Calibrated: 2015/03/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- 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) = 0.196 W/kg

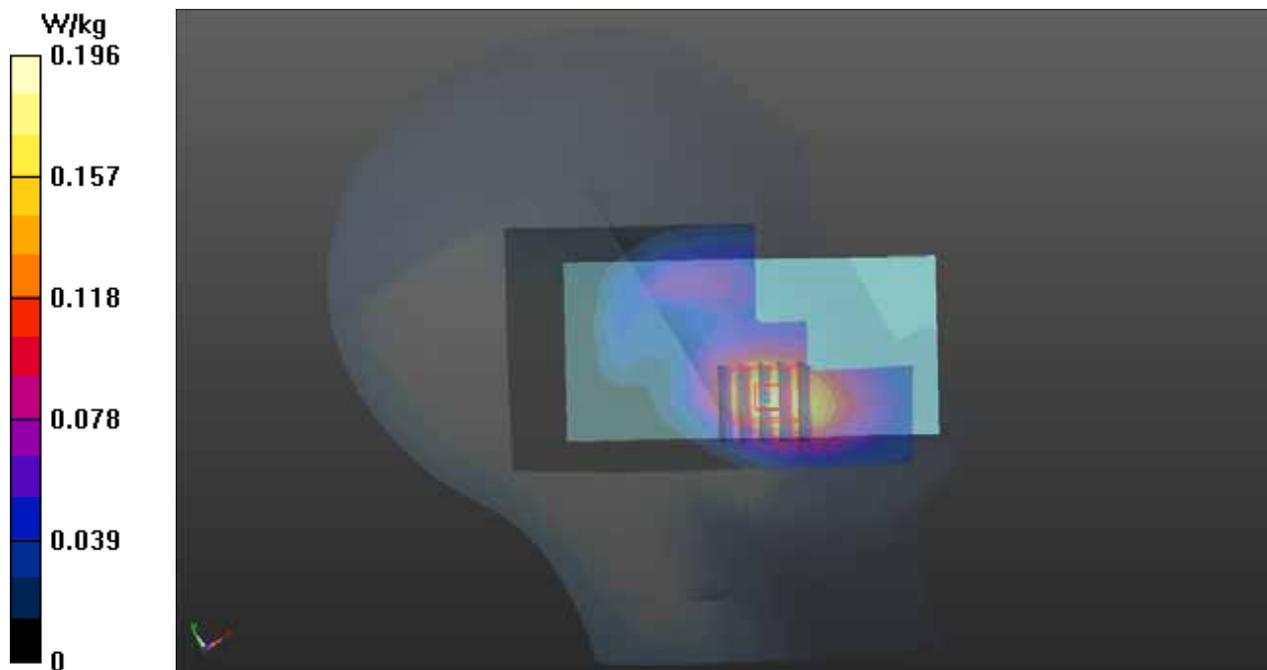
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.146 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.242 W/kg

SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.092 W/kg

Maximum value of SAR (measured) = 0.195 W/kg



P03 WCDMA II_RMC12.2K_Left Cheek_Ch9538_Sample1**DUT: 150324C15**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: H18T19N1_0422 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.45$ S/m; $\epsilon_r = 39.163$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.11, 8.11, 8.11); Calibrated: 2015/03/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- 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) = 0.257 W/kg

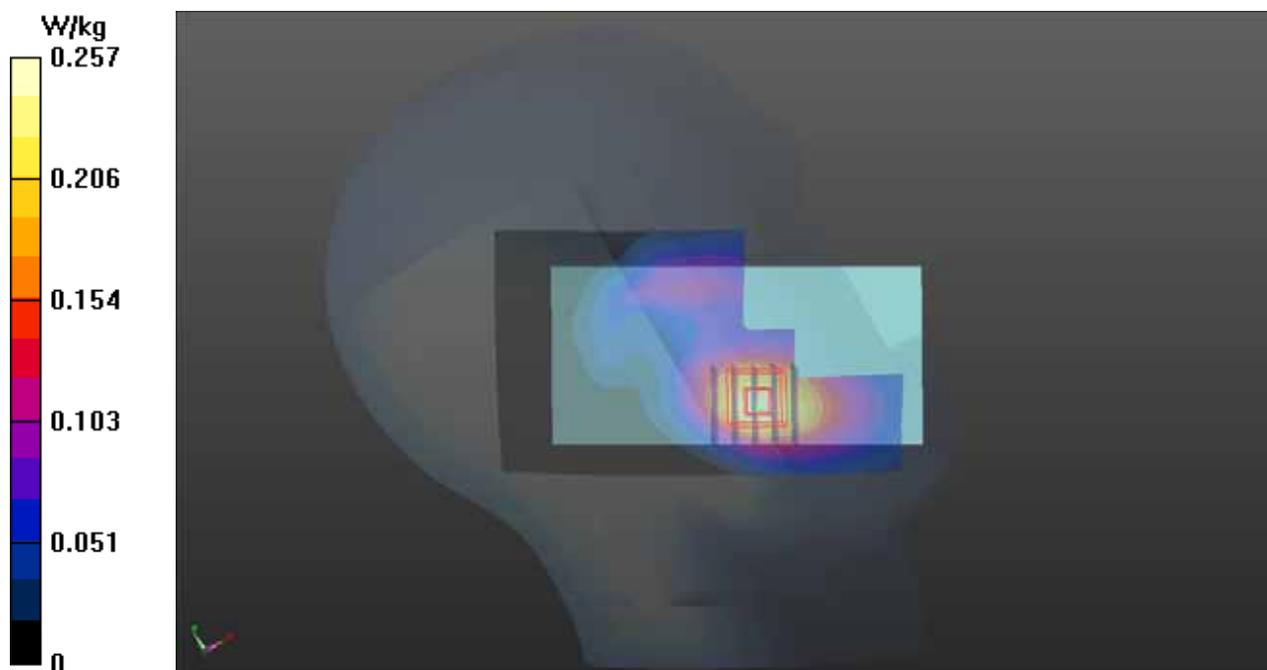
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.615 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.332 W/kg

SAR(1 g) = 0.207 W/kg; SAR(10 g) = 0.125 W/kg

Maximum value of SAR (measured) = 0.272 W/kg



P04 WCDMA IV_RMC12.2K_Right Cheek_Ch1413_Sample1

DUT: 150324C15

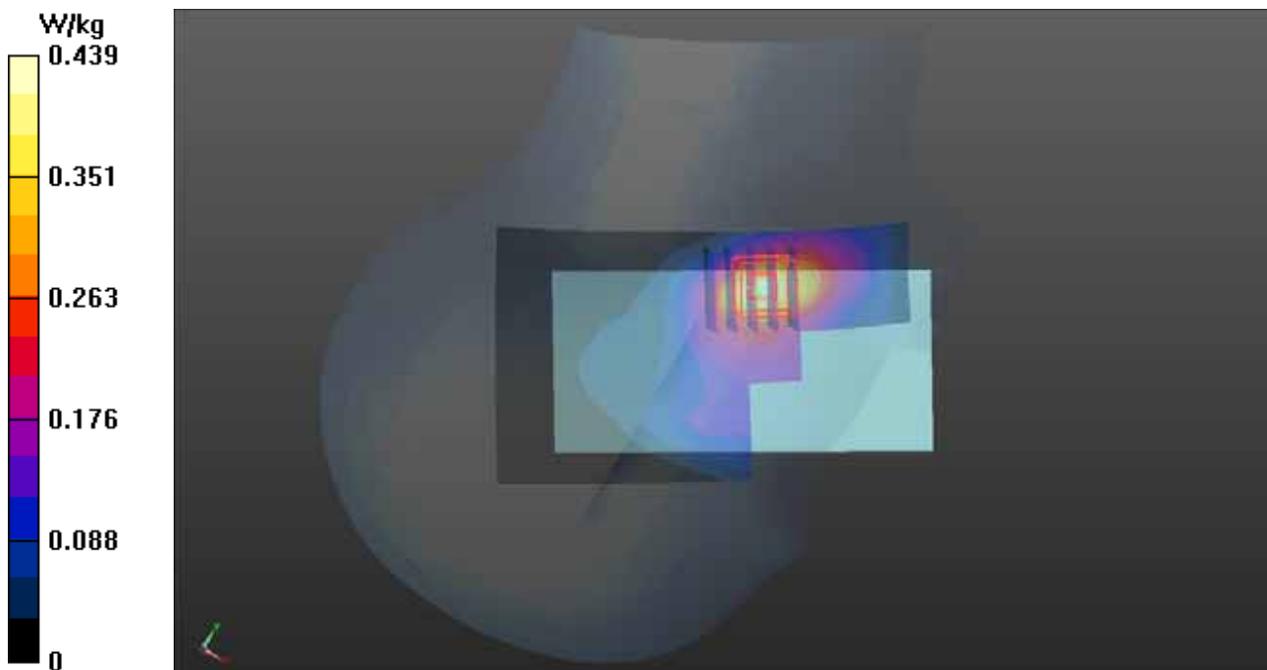
Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1
Medium: H17T18N1_0422 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.323$ S/m; $\epsilon_r = 38.694$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.4 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.26, 8.26, 8.26); Calibrated: 2015/03/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- 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) = 0.439 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.190 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.467 W/kg
SAR(1 g) = 0.314 W/kg; SAR(10 g) = 0.202 W/kg
Maximum value of SAR (measured) = 0.379 W/kg



P05 WCDMA V_RMC12.2K_Right Cheek_Ch4132_Sample1

DUT: 150324C15

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

Medium: H08T09N1_0427 Medium parameters used: $f = 826$ MHz; $\sigma = 0.905$ S/m; $\epsilon_r = 42.932$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(9.88, 9.88, 9.88); Calibrated: 2015/03/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- 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) = 0.179 W/kg

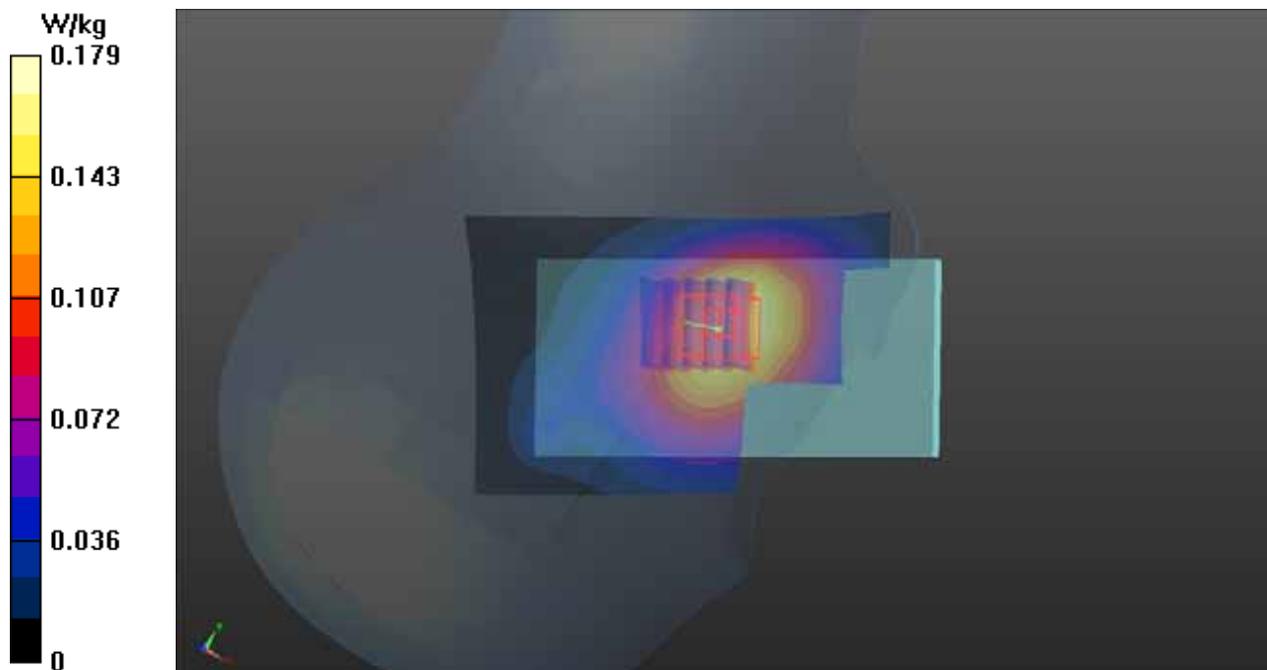
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.240 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.188 W/kg

SAR(1 g) = 0.152 W/kg; SAR(10 g) = 0.117 W/kg

Maximum value of SAR (measured) = 0.170 W/kg



P06 LTE 2_QPSK20M_Left Cheek_Ch18900_Sample1_1RB_OS0

DUT: 150324C15

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

Medium: H18T19N1_0423 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.418$ S/m; $\epsilon_r = 39.368$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.1, 8.1, 8.1); 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 (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.298 W/kg

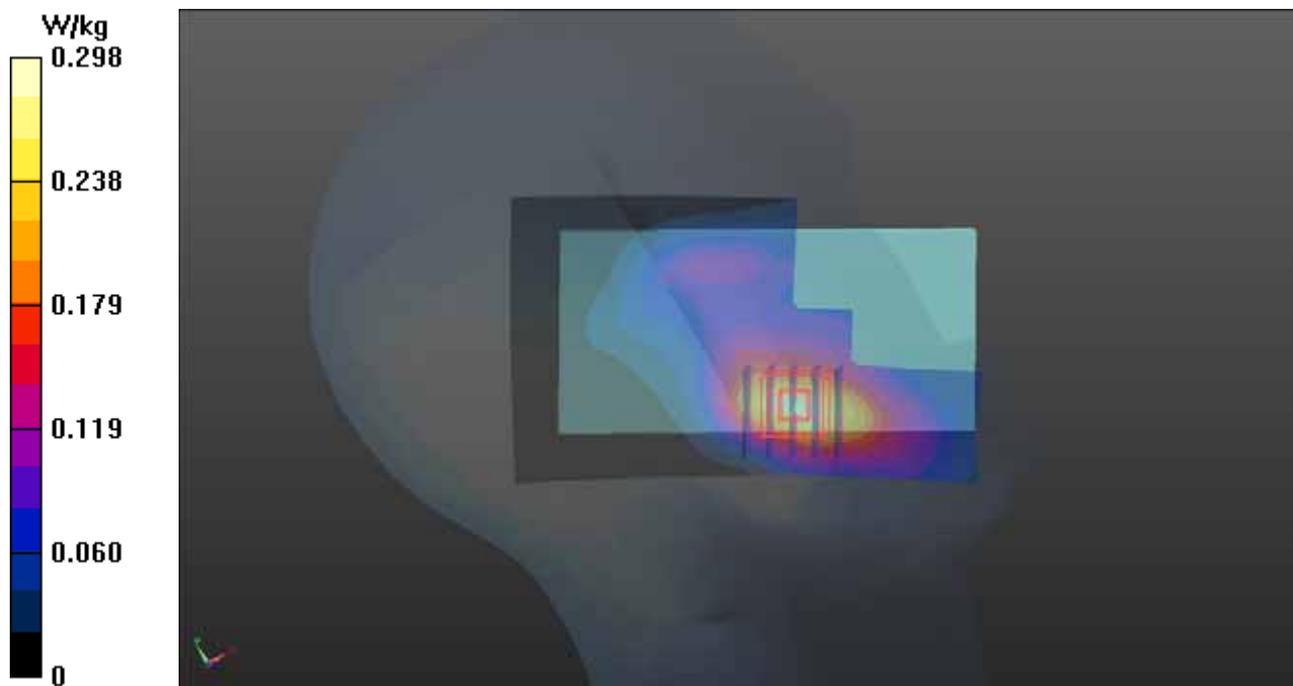
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.128 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.336 W/kg

SAR(1 g) = 0.216 W/kg; SAR(10 g) = 0.134 W/kg

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



P07 LTE 4_QPSK20M_Left Cheek_Ch20050_Sample1_1RB_OS0

DUT: 150324C15

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

Medium: H17T18N1_0423 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.353$ S/m; $\epsilon_r = 41.505$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.39, 8.39, 8.39); 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 (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.325 W/kg

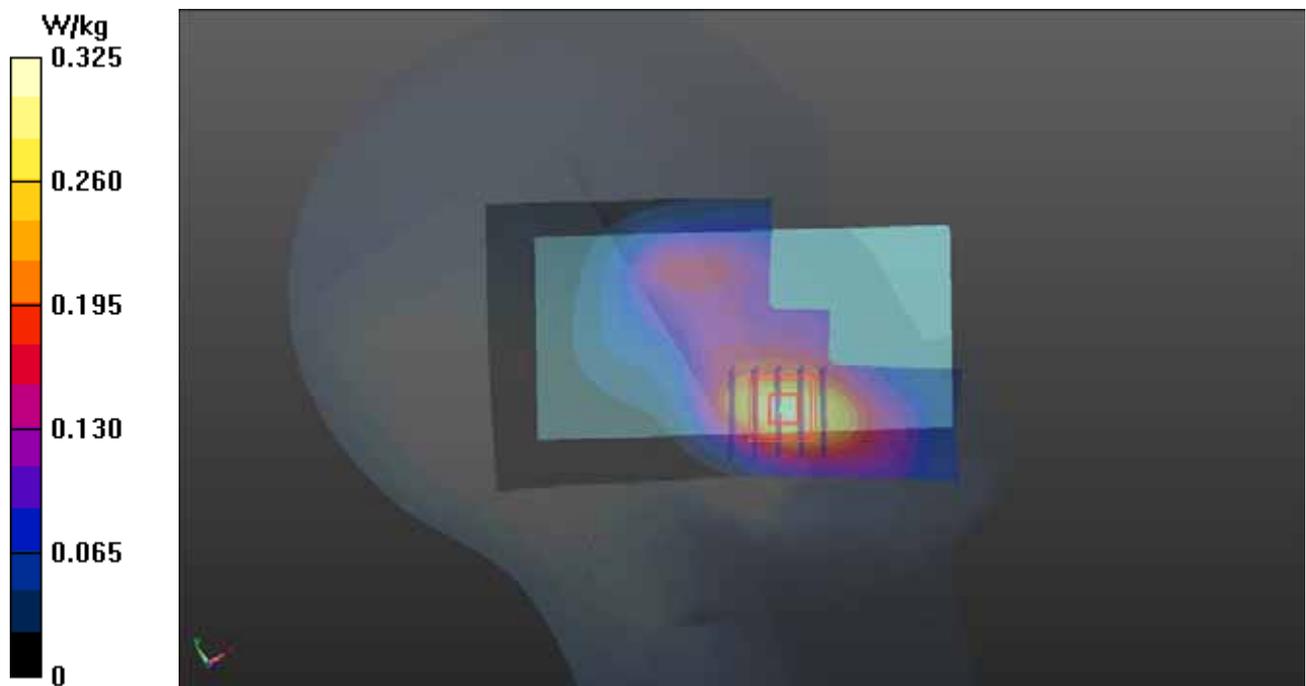
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.071 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.349 W/kg

SAR(1 g) = 0.236 W/kg; SAR(10 g) = 0.154 W/kg

Maximum value of SAR (measured) = 0.299 W/kg



P08 LTE 5_QPSK10M_Right Cheek_Ch20450_Sample1_1RB_OS24

DUT: 150324C15

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

Medium: H08T09N3_0423 Medium parameters used: $f = 829$ MHz; $\sigma = 0.882$ S/m; $\epsilon_r = 42.498$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(10.03, 10.03, 10.03); 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 (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.224 W/kg

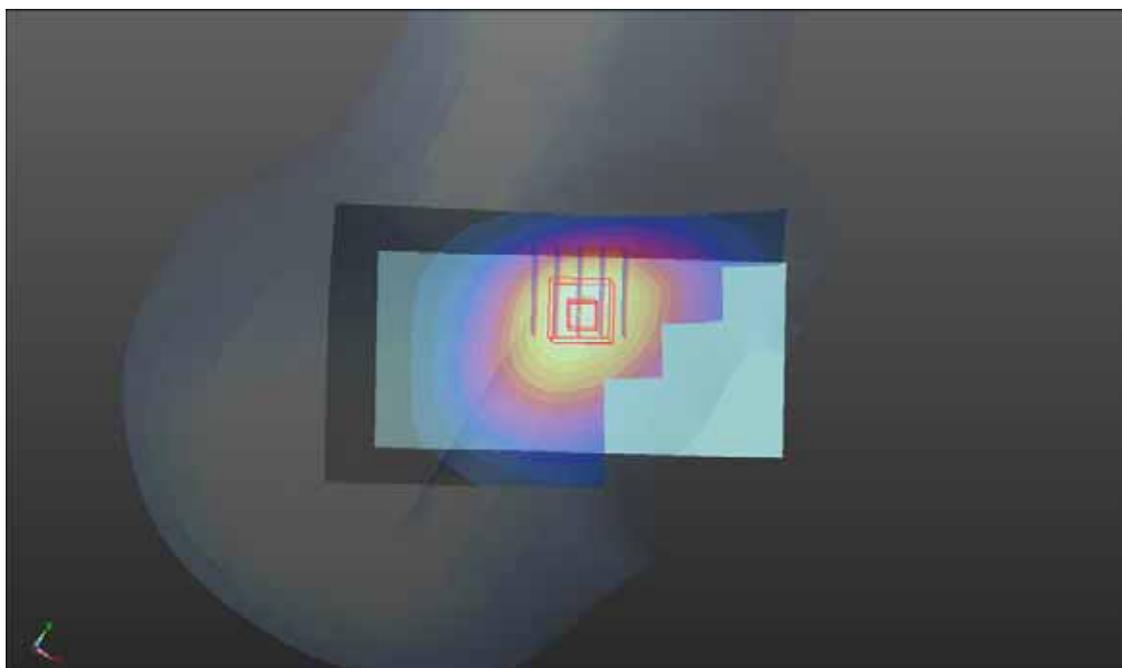
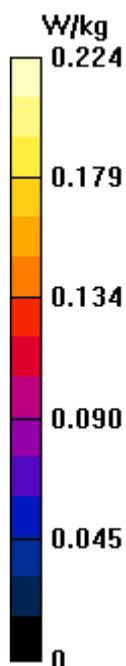
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.582 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.234 W/kg

SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.143 W/kg

Maximum value of SAR (measured) = 0.213 W/kg



P09 LTE 7_QPSK20M_Left Cheek_Ch21100_Sample1_1RB_OS0

DUT: 150324C15

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: H25T27N2_0427 Medium parameters used: $f = 2535$ MHz; $\sigma = 1.978$ S/m; $\epsilon_r = 38.261$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.9 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.24, 7.24, 7.24); Calibrated: 2015/03/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- 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) = 0.0965 W/kg

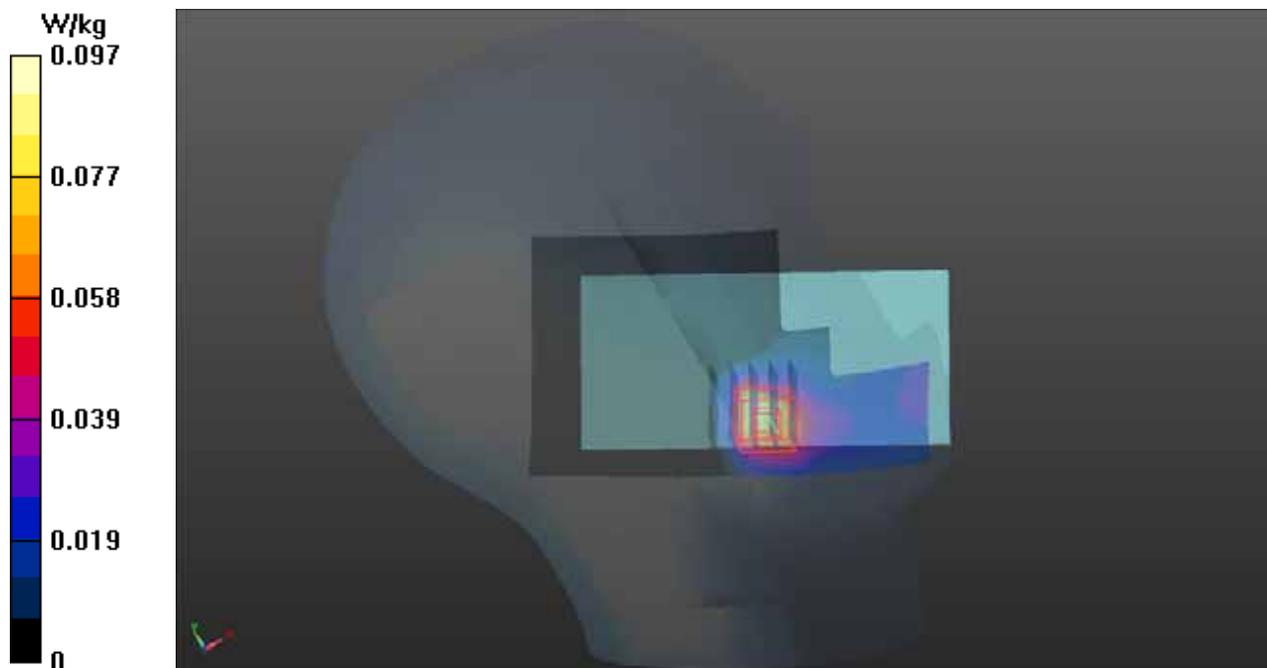
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.0980 W/kg

SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.030 W/kg

Maximum value of SAR (measured) = 0.0693 W/kg



P10 LTE 12_QPSK10M_Right Cheek_Ch23130_Sample1_1RB_OS24

DUT: 150324C15

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

Medium: H07T08N3_0423 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.855 \text{ S/m}$; $\epsilon_r = 40.589$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $21.8 \text{ }^\circ\text{C}$; Liquid Temperature : $21.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(10.44, 10.44, 10.44); 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 (71x121x1):** Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.157 W/kg

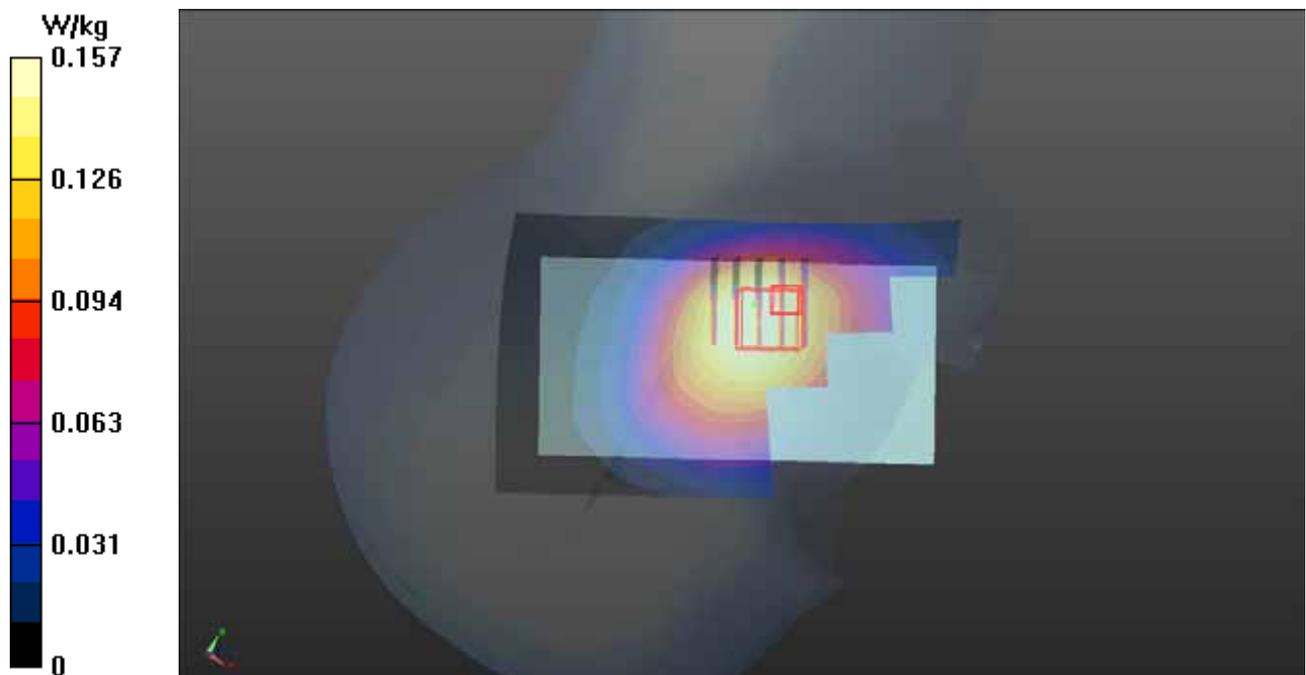
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.728 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.390 W/kg

SAR(1 g) = 0.179 W/kg ; SAR(10 g) = 0.115 W/kg

Maximum value of SAR (measured) = 0.157 W/kg



P11 LTE 13_QPSK10M_Right Cheek_Ch23230_Sample1_1RB_OS0

DUT: 150324C15

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: H07T08N1_0427 Medium parameters used: $f = 782$ MHz; $\sigma = 0.931$ S/m; $\epsilon_r = 40.503$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(10.09, 10.09, 10.09); Calibrated: 2015/03/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- 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) = 0.0653 W/kg

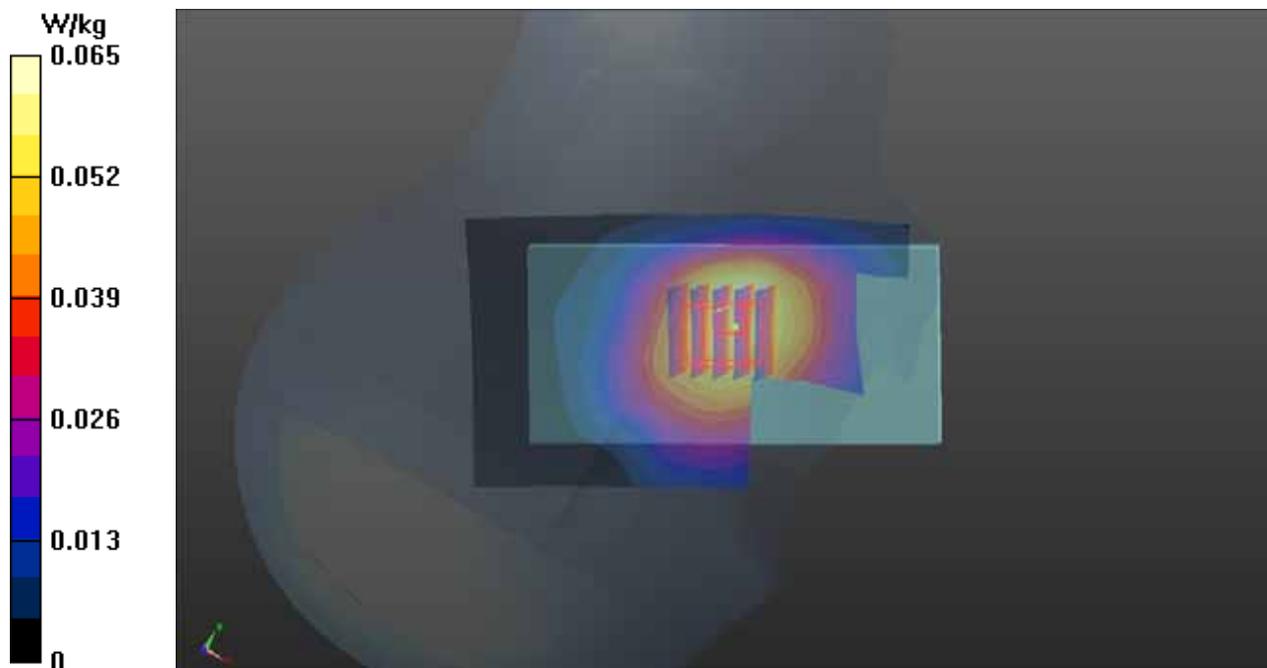
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.479 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.0680 W/kg

SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.043 W/kg

Maximum value of SAR (measured) = 0.0611 W/kg



P12 LTE 17_QPSK10M_Right Cheek_Ch23780_Sample1_1RB_OS49

DUT: 150324C15

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

Medium: H07T08N1_0427 Medium parameters used: $f = 709$ MHz; $\sigma = 0.878$ S/m; $\epsilon_r = 41.179$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(10.09, 10.09, 10.09); Calibrated: 2015/03/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- 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) = 0.202 W/kg

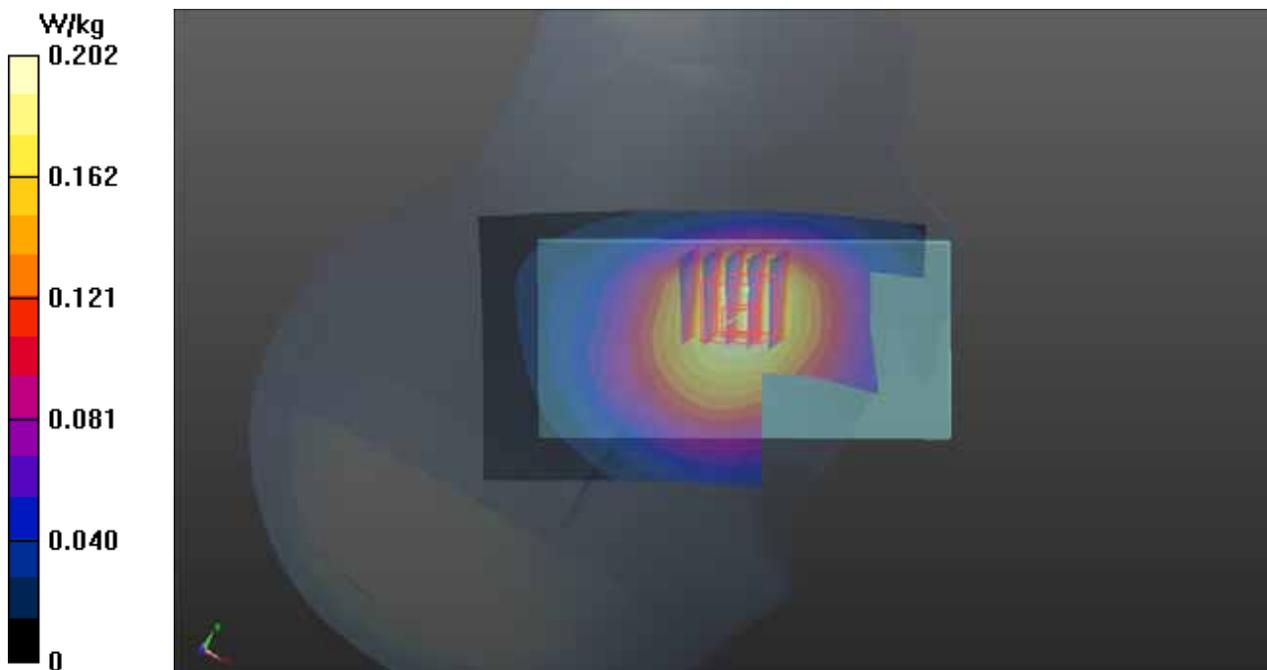
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.885 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.221 W/kg

SAR(1 g) = 0.182 W/kg; SAR(10 g) = 0.142 W/kg

Maximum value of SAR (measured) = 0.202 W/kg



P13 2.4G WLAN_802.11b_Left Check_Ch6_Sample2

DUT: 150324C15

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

Medium: H24T25N1_0507 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.868$ S/m; $\epsilon_r = 40.585$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(7.89, 7.89, 7.89); Calibrated: 2015/02/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2014/12/29
- Phantom: Twin SAM Phantom_1202; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (81x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.206 W/kg

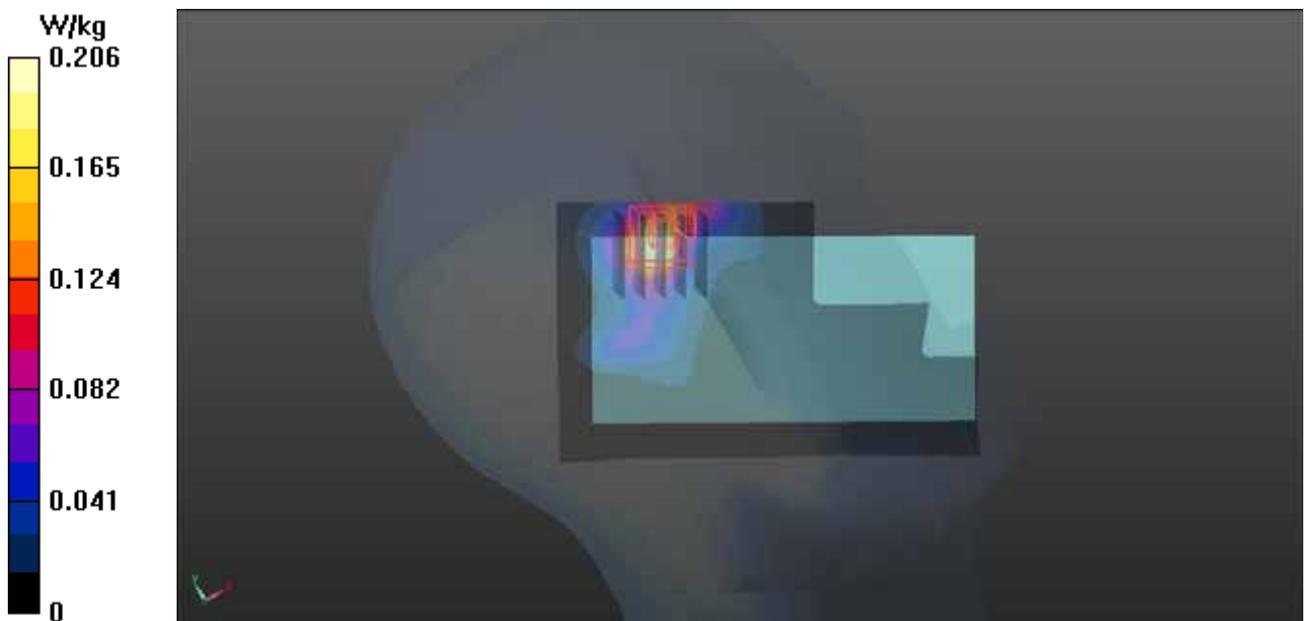
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.377 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.397 W/kg

SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.089 W/kg

Maximum value of SAR (measured) = 0.292 W/kg



P14 GSM850_GPRS12_Rear Face_1cm_Ch189_Sample1

DUT: 150324C15

Communication System: GPRS12; Frequency: 836.4 MHz; Duty Cycle: 1:2

Medium: B08T09N1_0501 Medium parameters used: $f = 836 \text{ MHz}$; $\sigma = 0.992 \text{ S/m}$; $\epsilon_r = 55.273$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.0 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(9.73, 9.73, 9.73); Calibrated: 2015/03/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (91x121x1)**: Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

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

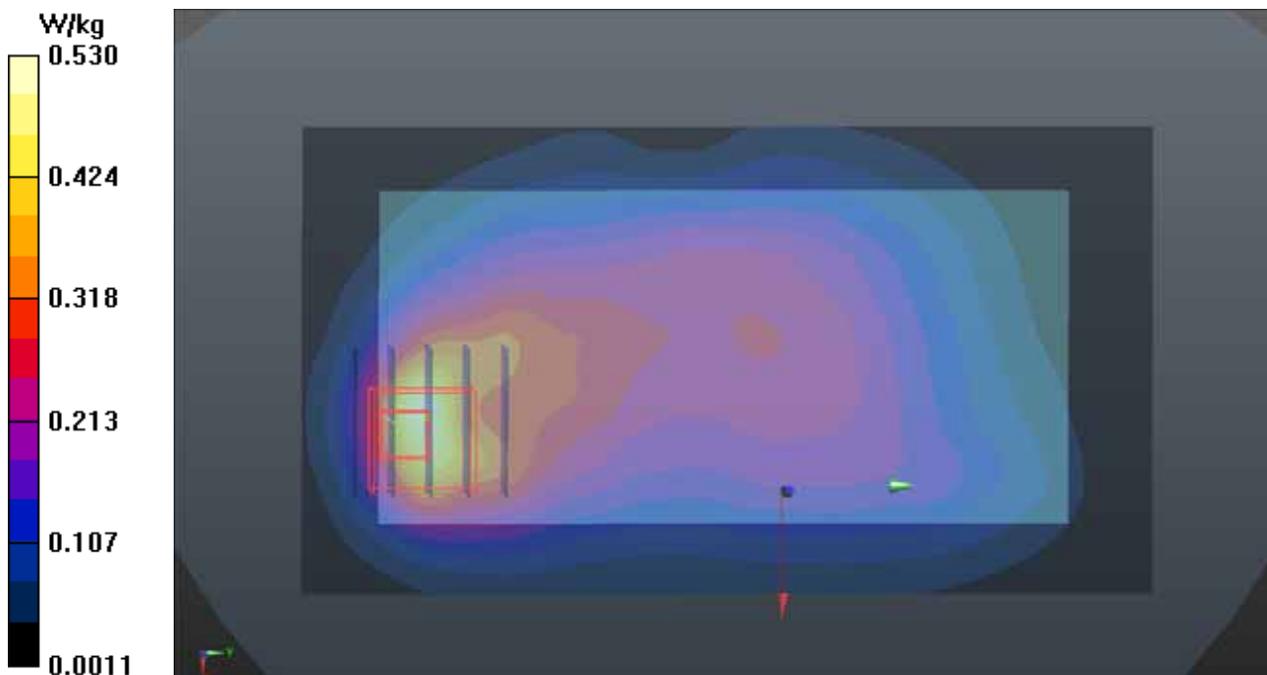
- **Zoom Scan (5x5x7)/Cube 0**: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 16.90 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.568 W/kg

SAR(1 g) = 0.312 W/kg ; SAR(10 g) = 0.176 W/kg

Maximum value of SAR (measured) = 0.433 W/kg



P15 GSM1900_GPRS12_Front Face_1cm_Ch810_Sample1

DUT: 150324C15

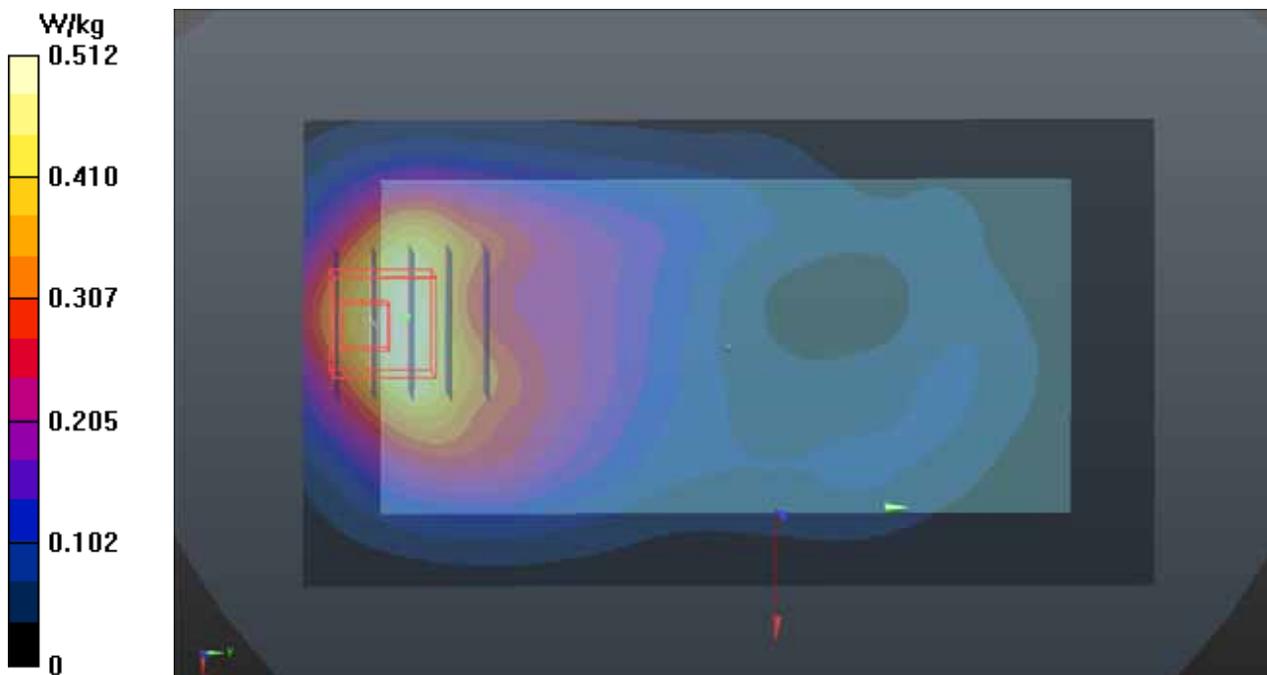
Communication System: GPRS12; Frequency: 1909.8 MHz; Duty Cycle: 1:2
Medium: B18T19N1_0501 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.567$ S/m; $\epsilon_r = 51.779$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.0 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.85, 7.85, 7.85); Calibrated: 2015/03/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- 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) = 0.512 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.480 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.901 W/kg
SAR(1 g) = 0.522 W/kg; SAR(10 g) = 0.266 W/kg
Maximum value of SAR (measured) = 0.734 W/kg



P16 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9538_Sample1

DUT: 150324C15

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: B18T19N1_0430 Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.562 \text{ S/m}$; $\epsilon_r = 51.935$; $\rho = 1000 \text{ kg/m}^3$

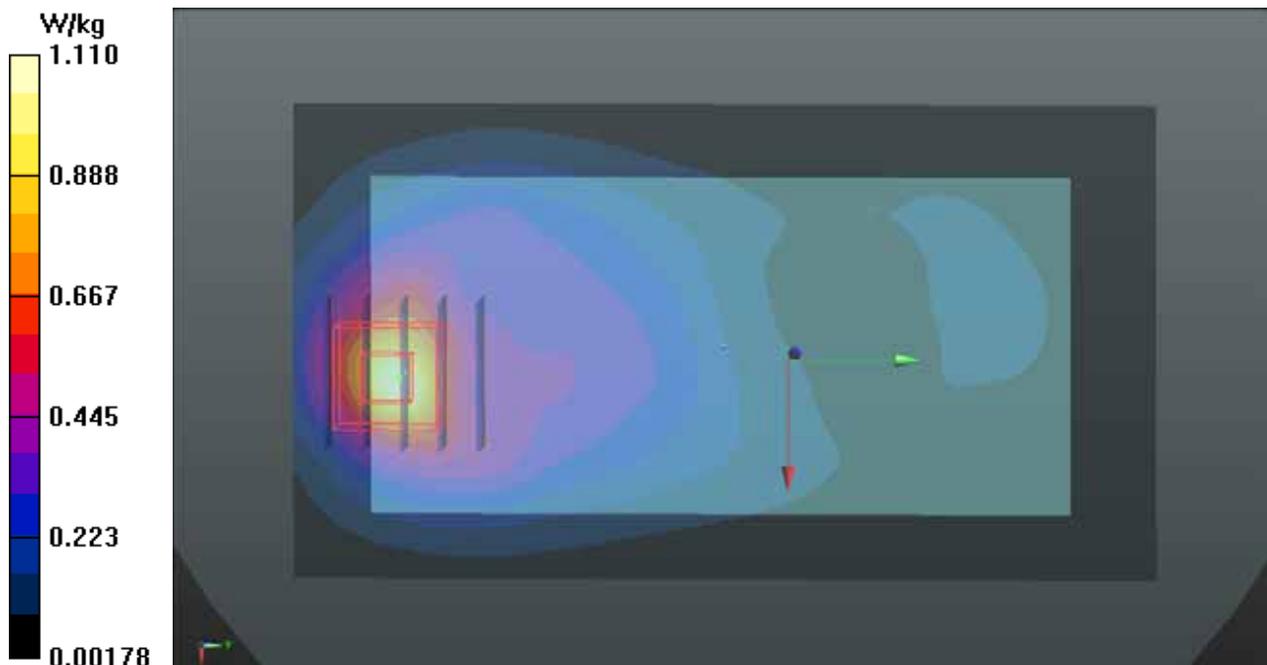
Ambient Temperature : $22.2 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - 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 (71x111x1)**: Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 1.11 W/kg

- **Zoom Scan (5x5x7)/Cube 0**: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 10.80 V/m ; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.773 W/kg ; SAR(10 g) = 0.410 W/kg
Maximum value of SAR (measured) = 1.03 W/kg



P17 WCDMA IV_RMC12.2K_Front Face_1cm_Ch1413_Sample1

DUT: 150324C15

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: B17T18N1_0430 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.478$ S/m; $\epsilon_r = 52.619$; $\rho = 1000$ kg/m³

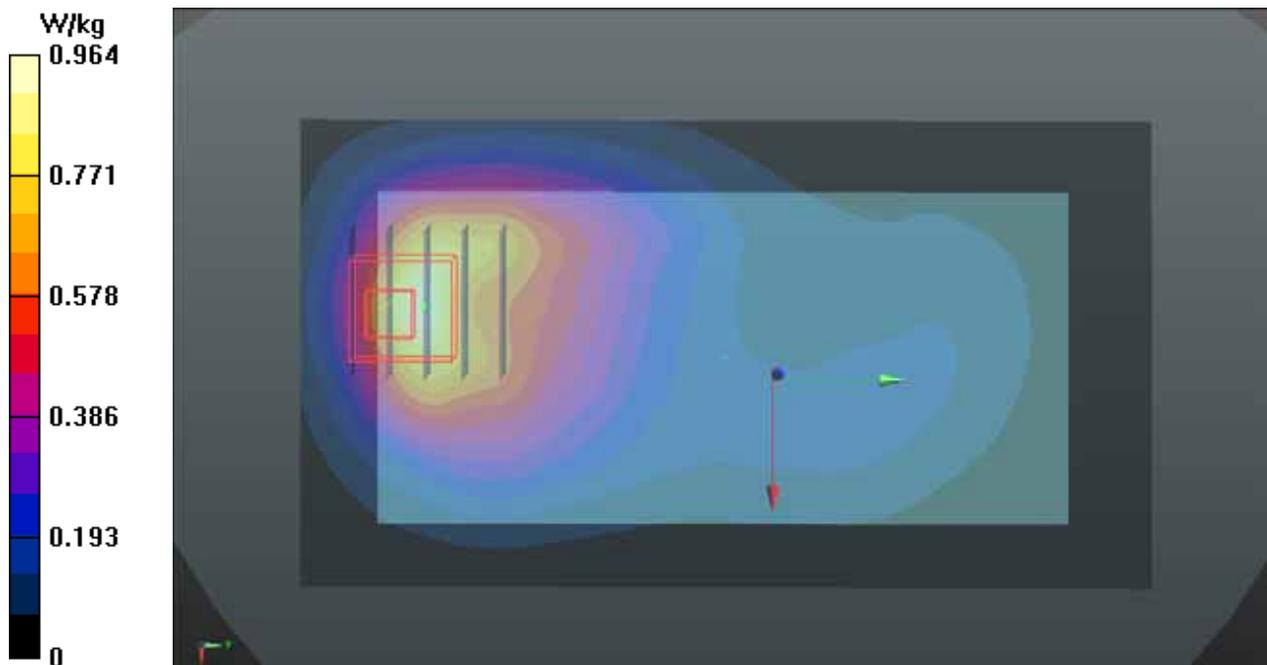
Ambient Temperature : 22.2 °C; Liquid Temperature : 21.5 °C

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 (71x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.964 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.14 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.974 W/kg
SAR(1 g) = 0.594 W/kg; SAR(10 g) = 0.339 W/kg
Maximum value of SAR (measured) = 0.819 W/kg



P18 WCDMA V_RMC12.2K_Rear Face_1cm_Ch4132_Sample1

DUT: 150324C15

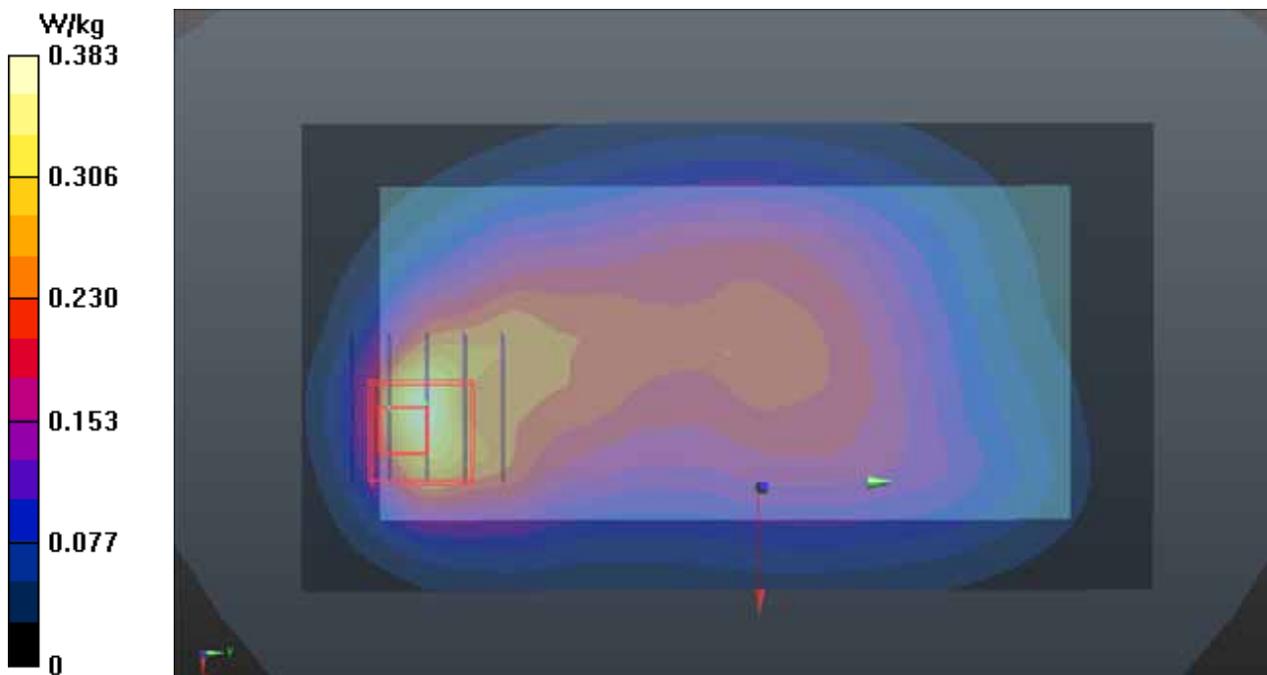
Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: B08T09N1_0501 Medium parameters used: $f = 826 \text{ MHz}$; $\sigma = 0.982 \text{ S/m}$; $\epsilon_r = 55.356$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $22.0 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(9.73, 9.73, 9.73); Calibrated: 2015/03/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- 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) = 0.383 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 15.19 V/m ; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.391 W/kg
SAR(1 g) = 0.215 W/kg ; SAR(10 g) = 0.122 W/kg
Maximum value of SAR (measured) = 0.286 W/kg



P19 LTE2_QPSK20M_Rear Face_1cm_Ch18900_Sample2_1RB_OS0

DUT: 150324C15

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

Medium: B18T19N1_0507 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.524$ S/m; $\epsilon_r = 53.161$; $\rho = 1000$ kg/m³

Ambient Temperature : 22 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.08, 8.08, 8.08); Calibrated: 2015/02/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2014/12/29
- Phantom: Twin SAM Phantom_1654; 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) = 0.982 W/kg

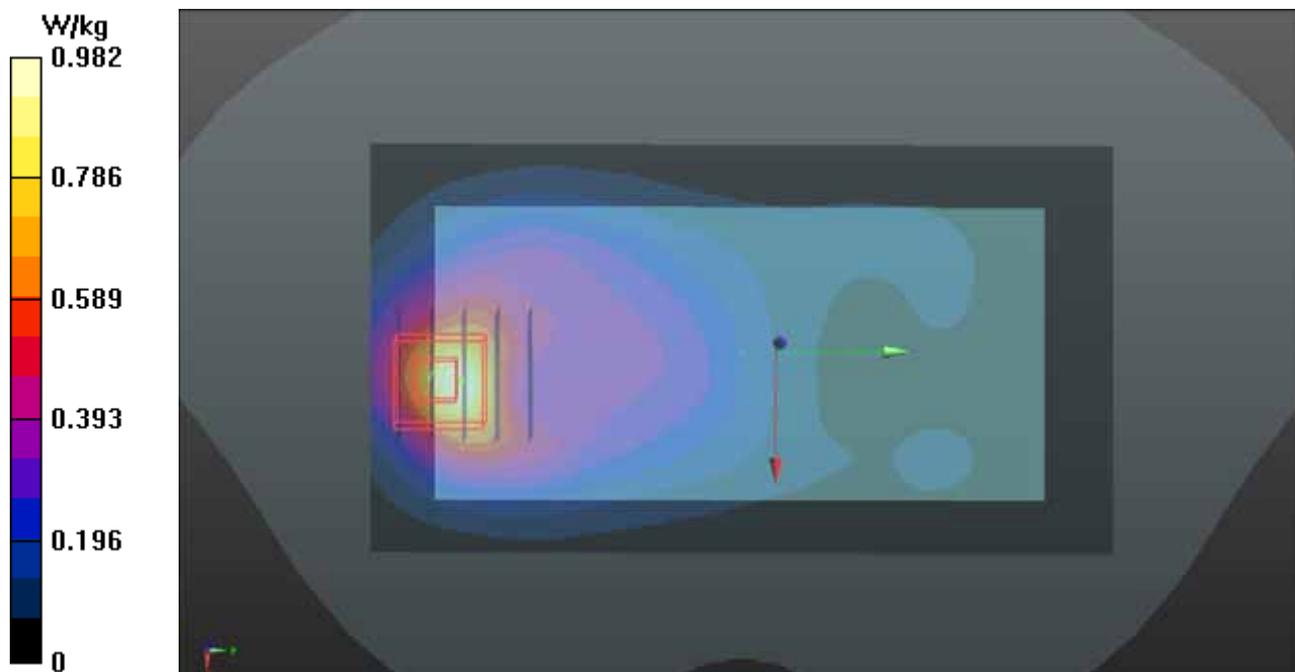
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.59 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.746 W/kg; SAR(10 g) = 0.403 W/kg

Maximum value of SAR (measured) = 1.02 W/kg



P20 LTE 4_QPSK20M_Rear Face_1cm_Ch20050_Sample1_1RB_SO0

DUT: 150324C15

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

Medium: B17T18N1_0430 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.468$ S/m; $\epsilon_r = 52.705$; $\rho = 1000$ kg/m³

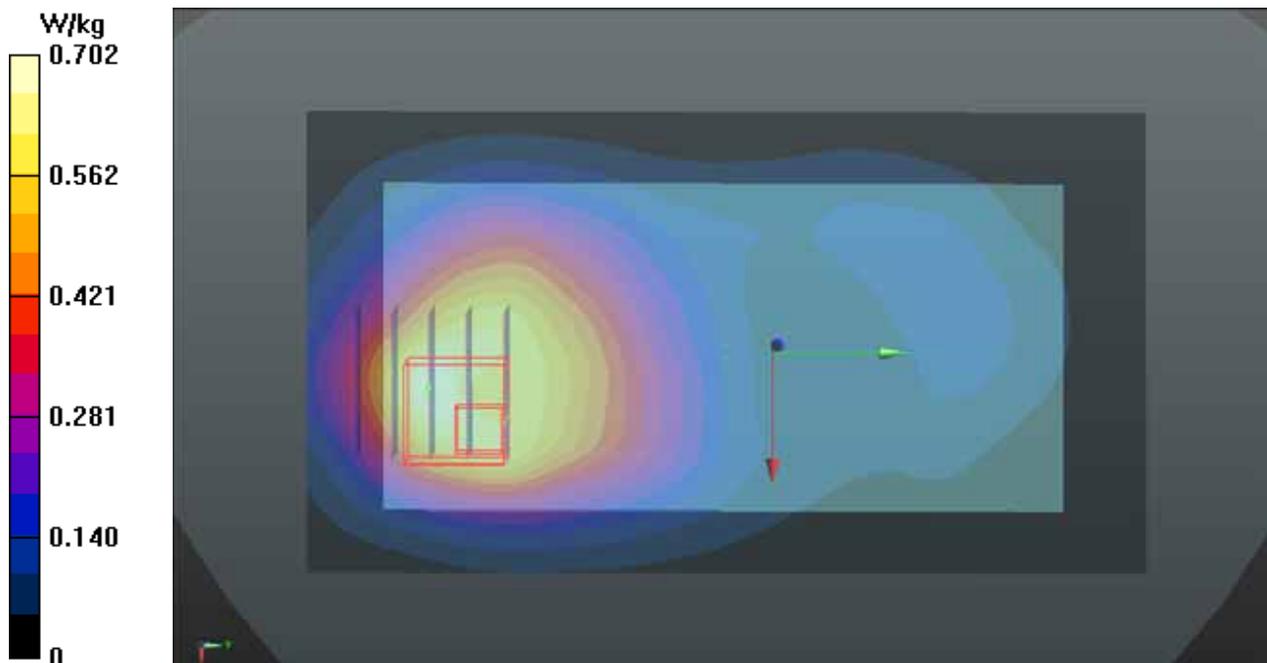
Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.5 °C

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 (71x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.702 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.747 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.815 W/kg
SAR(1 g) = 0.502 W/kg; SAR(10 g) = 0.299 W/kg
Maximum value of SAR (measured) = 0.667 W/kg



P21 LTE 5_QPSK10M_Front Face_1cm_Ch20450_Sample1_1RB_OS24**DUT: 150324C15**

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

Medium: B08T09N1_0501 Medium parameters used: $f = 829$ MHz; $\sigma = 0.985$ S/m; $\epsilon_r = 55.334$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.0 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(9.73, 9.73, 9.73); Calibrated: 2015/03/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- 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) = 0.308 W/kg

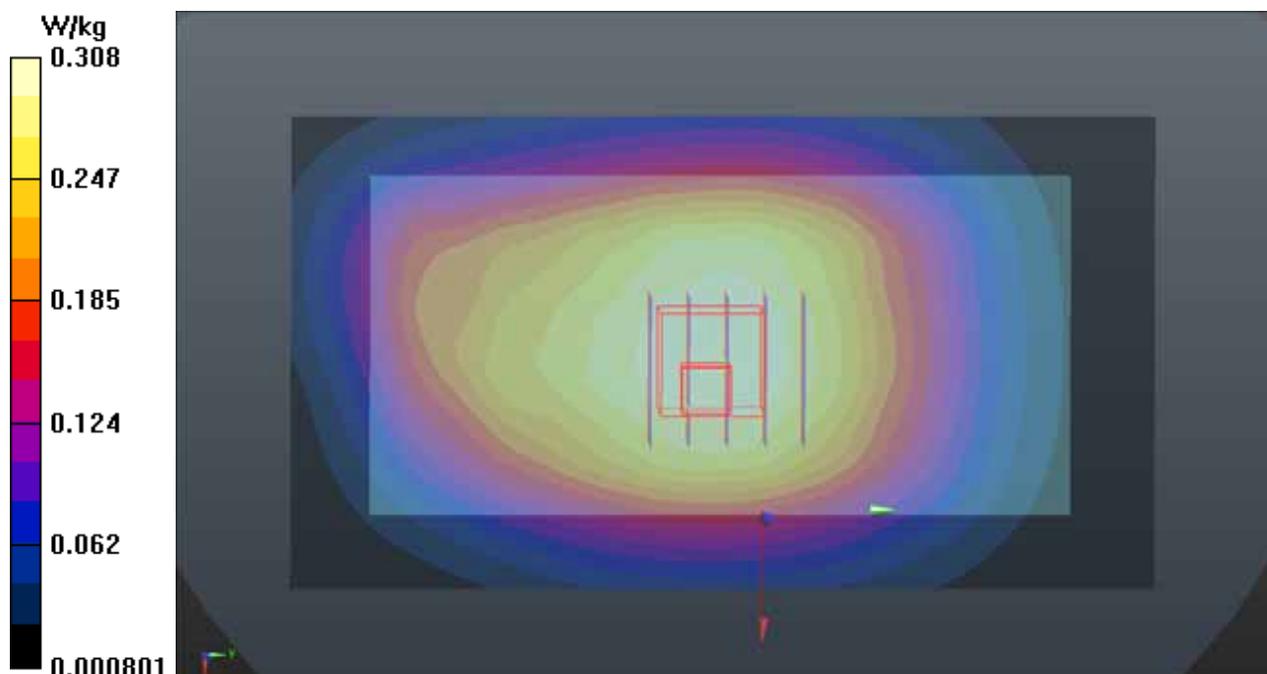
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.20 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.325 W/kg

SAR(1 g) = 0.259 W/kg; SAR(10 g) = 0.203 W/kg

Maximum value of SAR (measured) = 0.298 W/kg



P22 LTE 7_QPSK20M_Front Face_1cm_Ch21100_Sampl1_1RB_OS0

DUT: 150324C15

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: B25T27N2_0429 Medium parameters used: $f = 2535$ MHz; $\sigma = 2.09$ S/m; $\epsilon_r = 52.336$; $\rho = 1000$ kg/m³

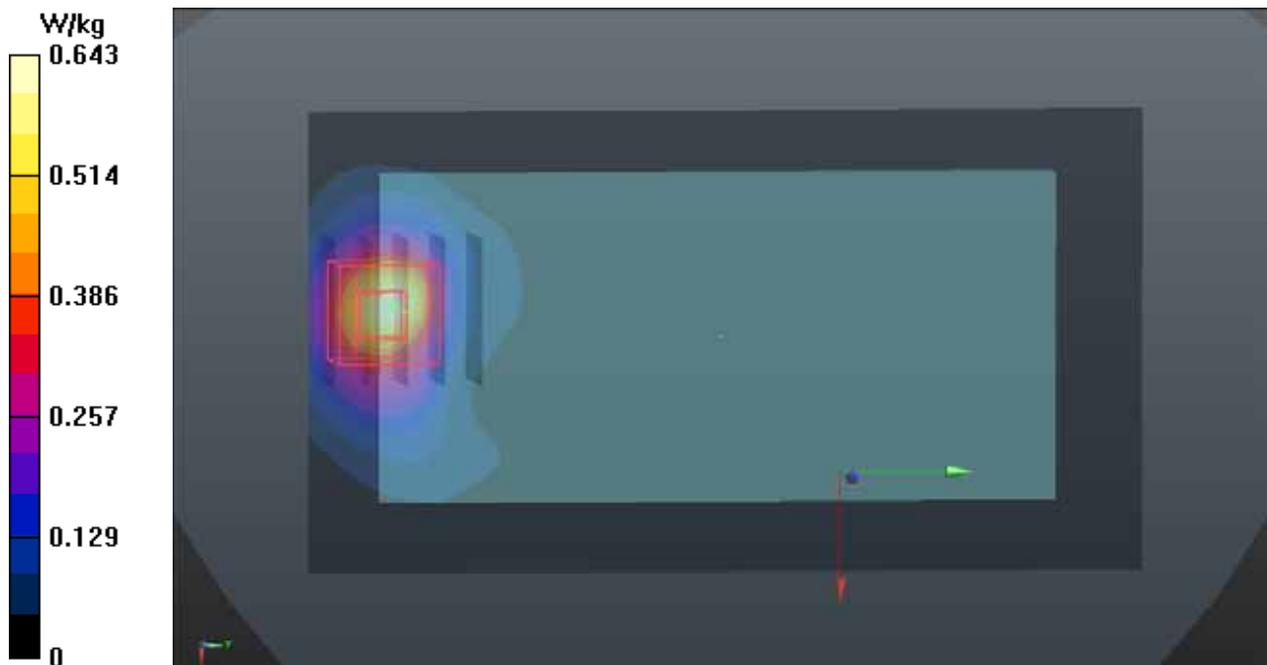
Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(6.69, 6.69, 6.69); 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 (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.643 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.115 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.946 W/kg
SAR(1 g) = 0.453 W/kg; SAR(10 g) = 0.206 W/kg
Maximum value of SAR (measured) = 0.673 W/kg



P23 LTE12_QPSK10M_Rear Face_1cm_Ch23130_Sample2_1RB_OS24

DUT: 150324C15

Communication System: LTE 12; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: B07T08N3_0507 Medium parameters used: $f = 711$ MHz; $\sigma = 0.933$ S/m; $\epsilon_r = 55.498$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.34, 10.34, 10.34); Calibrated: 2015/02/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2014/12/29
- 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) = 0.238 W/kg

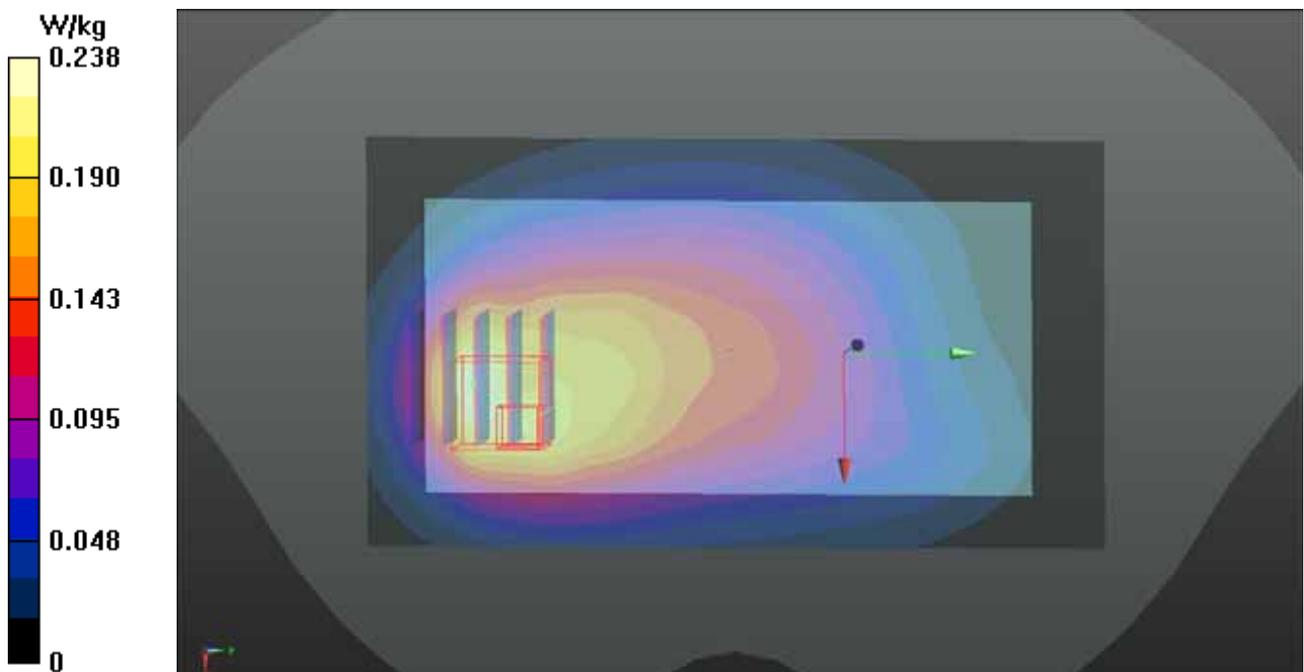
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.97 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.250 W/kg

SAR(1 g) = 0.148 W/kg; SAR(10 g) = 0.093 W/kg

Maximum value of SAR (measured) = 0.208 W/kg



P24 LTE 13_QPSK10M_Rear Face_1cm_Ch23230_Sample1_1RB_OS0

DUT: 150324C15

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: B07T08N3_0429 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.993 \text{ S/m}$; $\epsilon_r = 54.945$; $\rho = 1000 \text{ kg/m}^3$

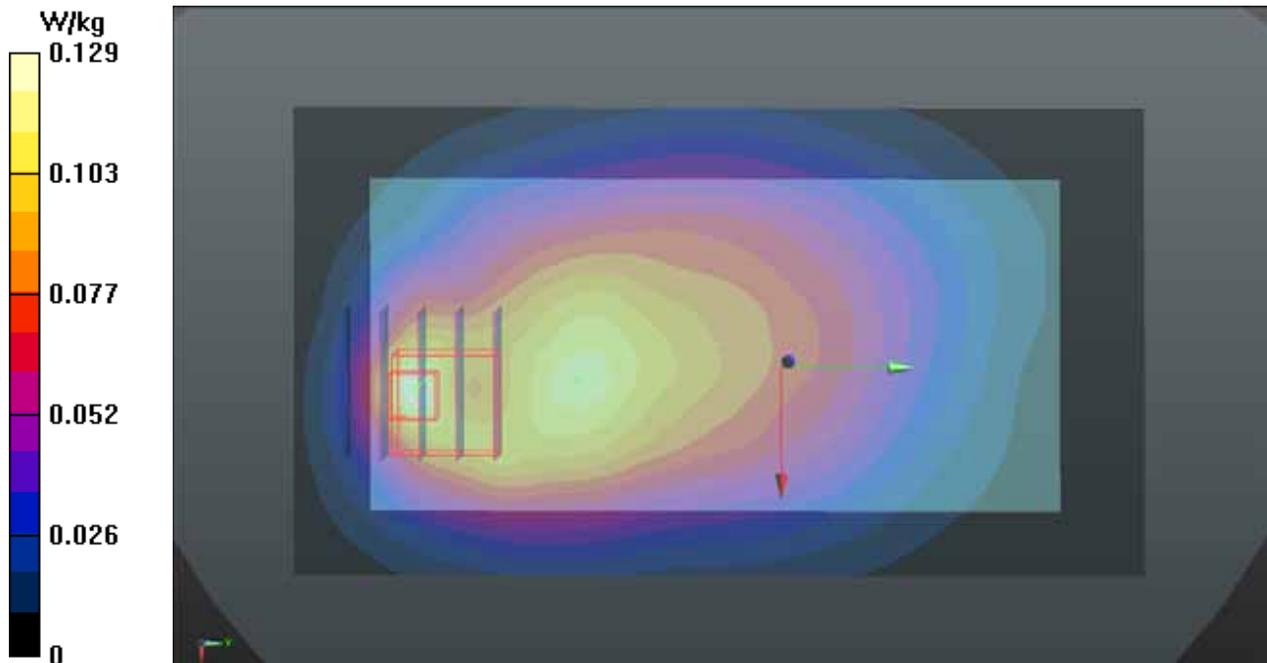
Ambient Temperature : $21.8 \text{ }^\circ\text{C}$; Liquid Temperature : $21.7 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.62, 9.62, 9.62); 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 (71x111x1):** Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 0.129 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 9.684 V/m ; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.157 W/kg
SAR(1 g) = 0.088 W/kg ; SAR(10 g) = 0.052 W/kg
Maximum value of SAR (measured) = 0.124 W/kg



P25 LTE 17_QPSK10M_Front Face_1cm_Ch23780_Sample1_1RB_OS49

DUT: 150324C15

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

Medium: B07T08N3_0429 Medium parameters used: $f = 709$ MHz; $\sigma = 0.932$ S/m; $\epsilon_r = 55.597$; $\rho = 1000$ kg/m³

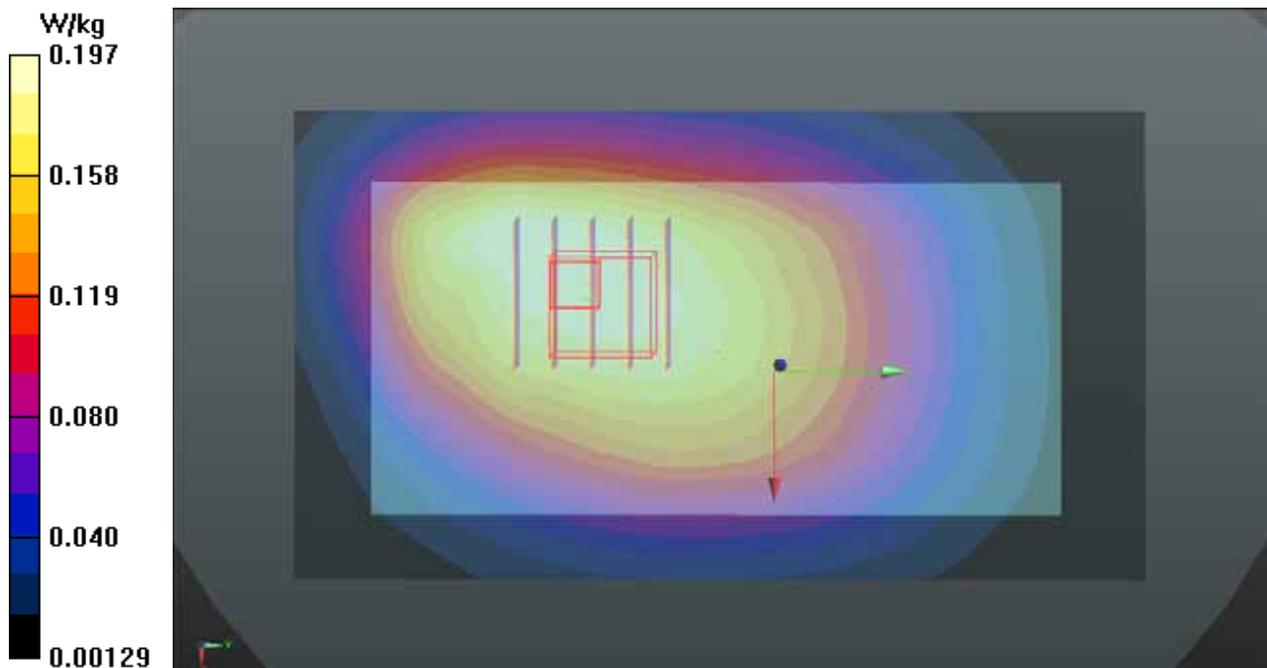
Ambient Temperature : 21.8 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.62, 9.62, 9.62); 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 (71x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.197 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.93 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.221 W/kg
SAR(1 g) = 0.180 W/kg; SAR(10 g) = 0.141 W/kg
Maximum value of SAR (measured) = 0.203 W/kg



P26 2.4G WLAN_802.11b_Rear Face_1cm_Ch6_Sample1

DUT: 150324C15

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

Medium: B24T25N1_0424 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.897$ S/m; $\epsilon_r = 53.973$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C ; Liquid Temperature : 21.4 °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 (121x191x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.382 W/kg

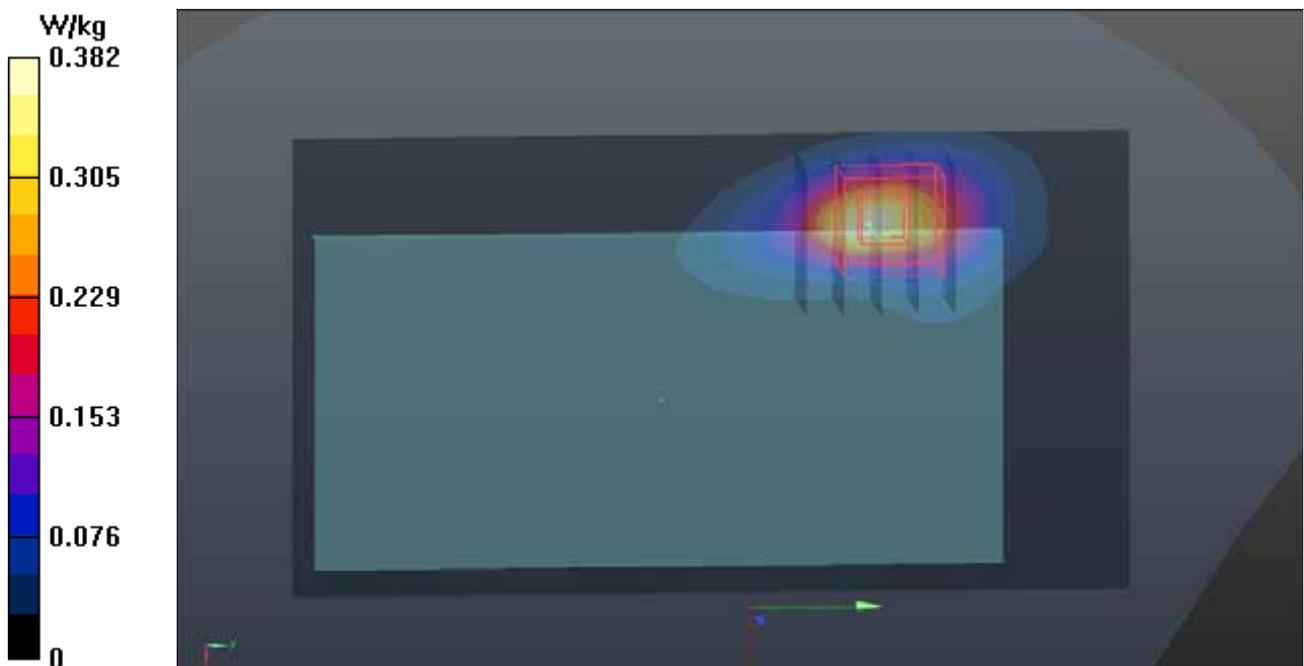
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.754 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.547 W/kg

SAR(1 g) = 0.258 W/kg; SAR(10 g) = 0.116 W/kg

Maximum value of SAR (measured) = 0.382 W/kg



P27 Bluetooth_Rear Face_1cm_Ch39_Sample1

DUT: 150324C15

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.28

Medium: B24T25N2_0503 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.984$ S/m; $\epsilon_r = 51.697$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.6 °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_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) = 0.00999 W/kg

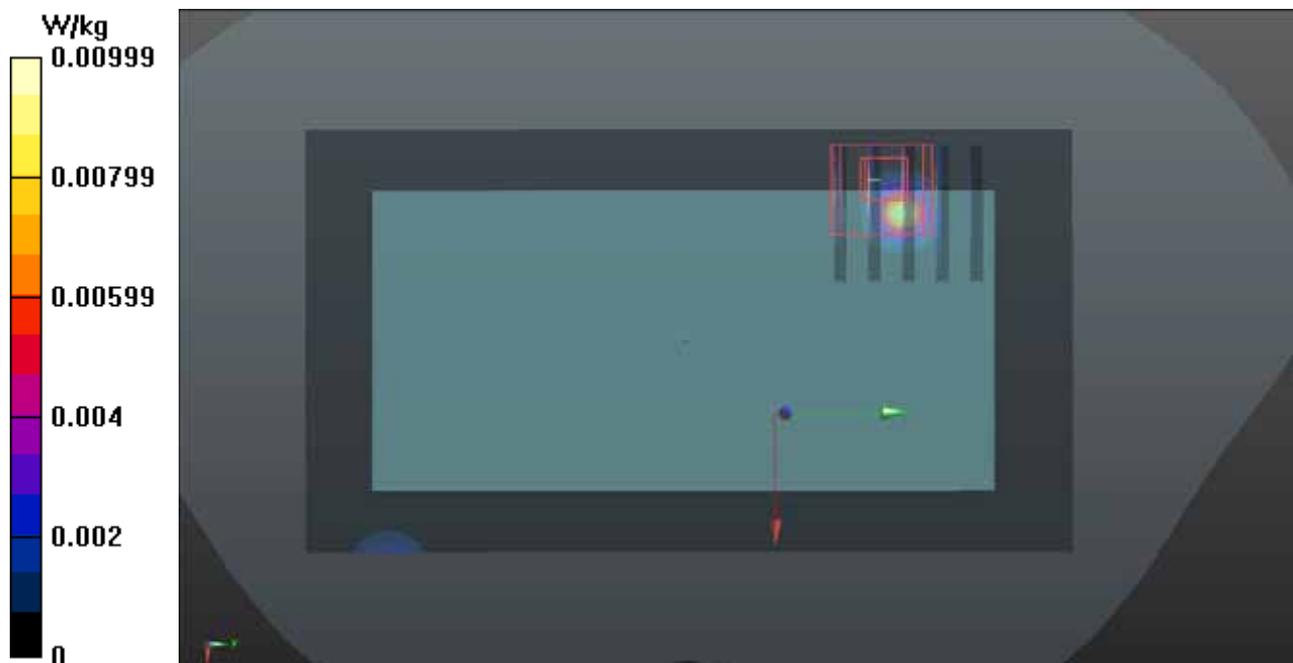
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.087 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.0230 W/kg

SAR(1 g) = 0.00746 W/kg; SAR(10 g) = 0.00221 W/kg

Maximum value of SAR (measured) = 0.0140 W/kg



P28 GSM1900_GPRS12_Bottom Side_1cm_Ch810_Sample1

DUT: 150324C15

Communication System: GPRS12; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: B18T19N1_0501 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.567$ S/m; $\epsilon_r = 51.779$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.0 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.85, 7.85, 7.85); Calibrated: 2015/03/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- 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) = 0.903 W/kg

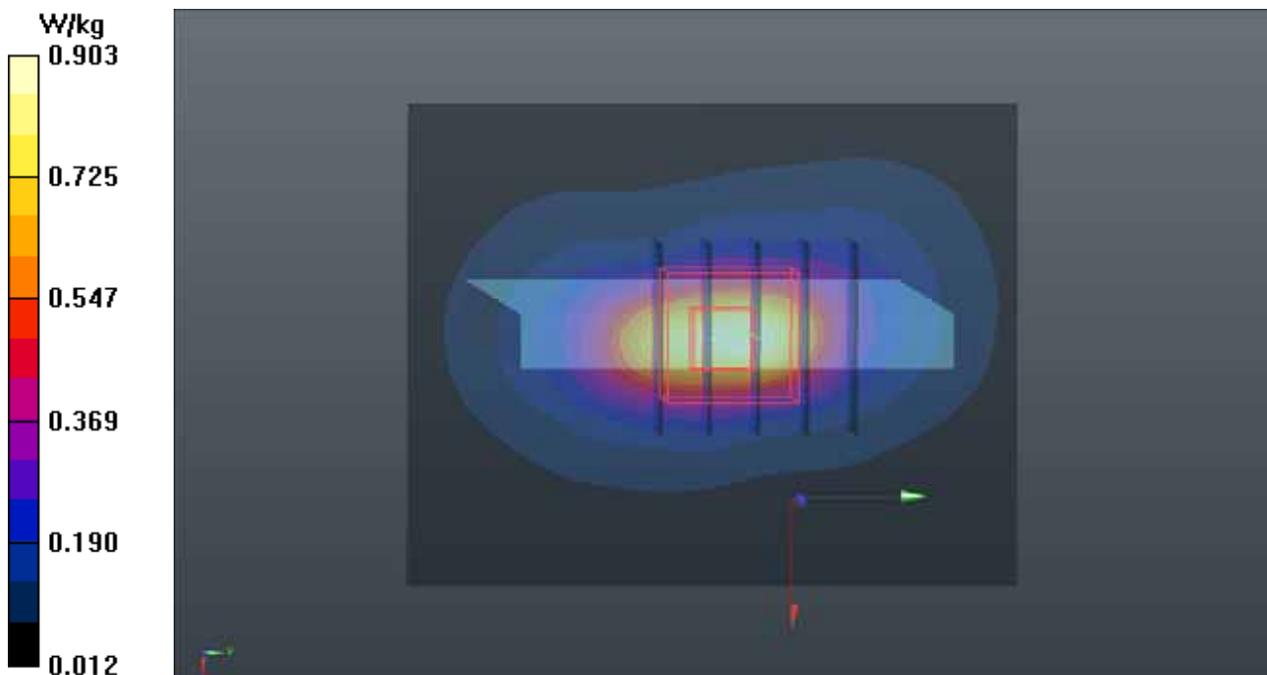
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.29 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.745 W/kg; SAR(10 g) = 0.374 W/kg

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



P29 WCDMA II_RMC12.2K_Bottom Side_1cm_Ch9538_Sample1

DUT: 150324C15

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: B18T19N1_0430 Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.562 \text{ S/m}$; $\epsilon_r = 51.935$; $\rho = 1000 \text{ kg/m}^3$

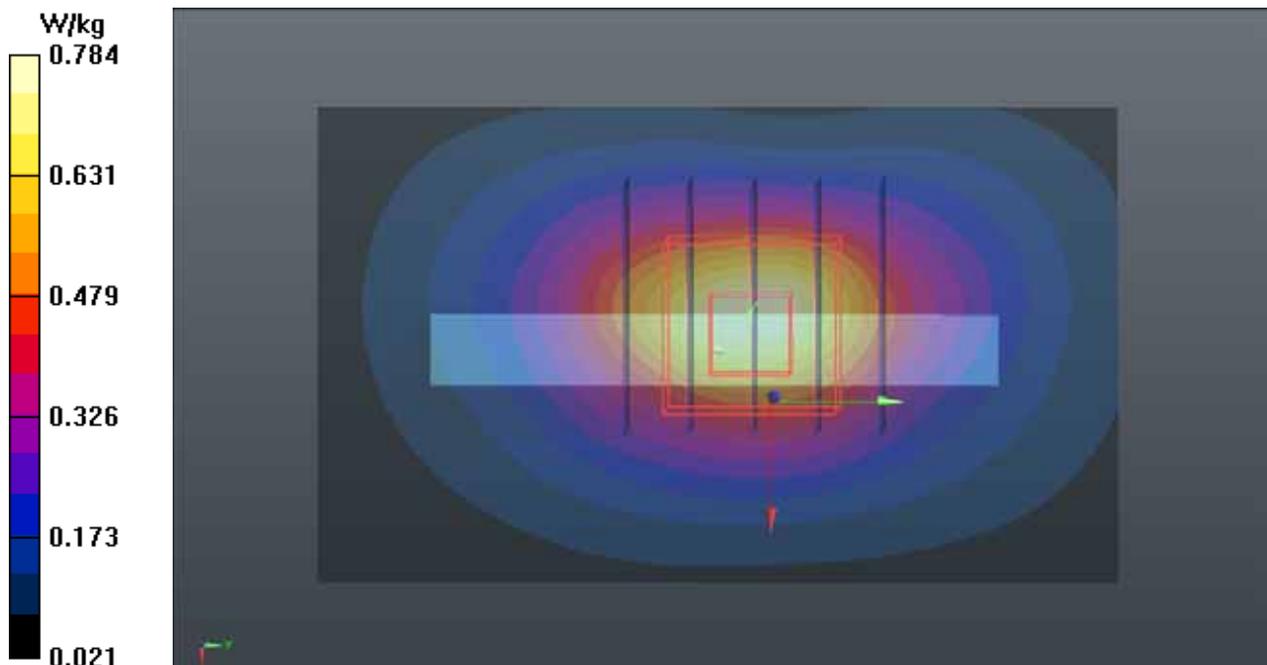
Ambient Temperature : $22.2 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - 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 (51x111x1):** Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 0.784 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 26.82 V/m ; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.775 W/kg ; SAR(10 g) = 0.390 W/kg
Maximum value of SAR (measured) = 1.08 W/kg



P30 LTE 7_QPSK20M_Bottom Side_1cm_Ch21350_Sample1_1RB_OS0

DUT: 150324C15

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

Medium: B25T27N2_0429 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.122$ S/m; $\epsilon_r = 52.245$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(6.69, 6.69, 6.69); 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 (71x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.31 W/kg

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

Reference Value = 23.92 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.90 W/kg

SAR(1 g) = 0.906 W/kg; SAR(10 g) = 0.407 W/kg

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

