



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_Ant1**DUT: 131023C29**

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

Medium: H835_1228 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 42.88$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(9.96, 9.96, 9.96); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

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

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

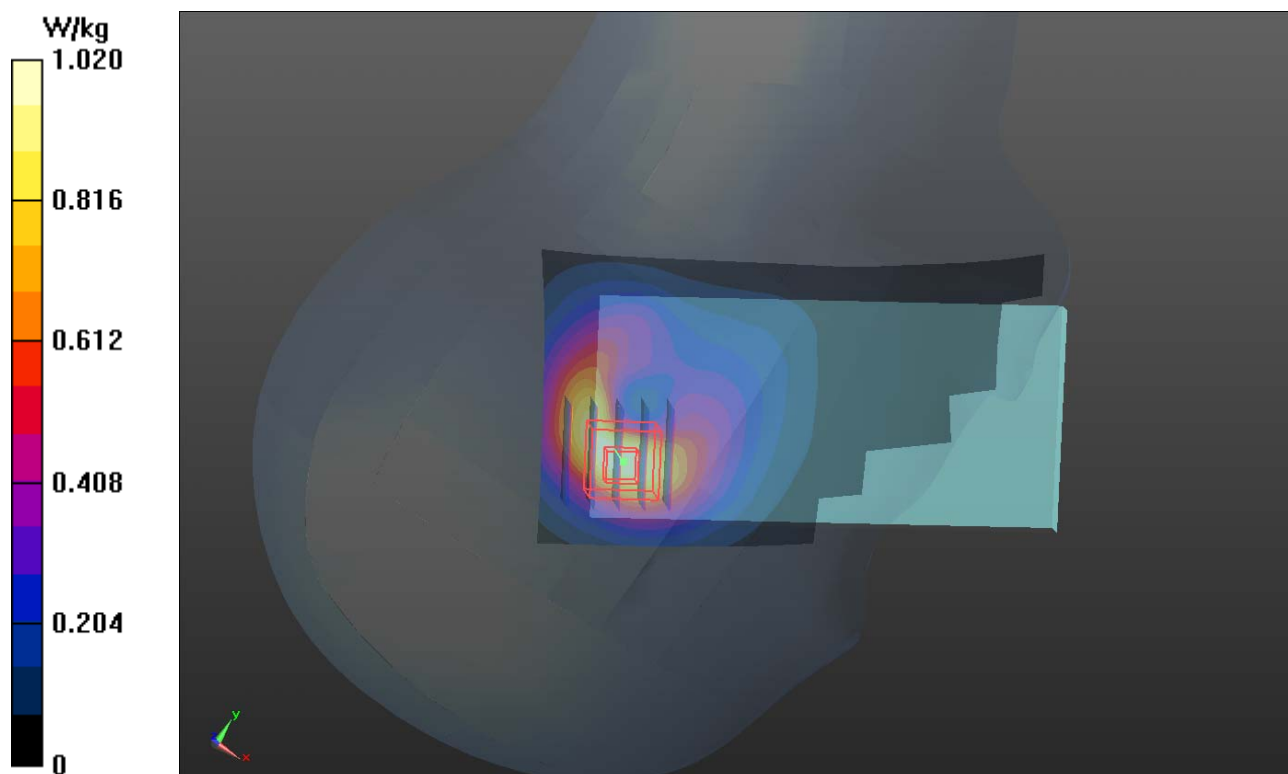
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.953 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.711 W/kg; SAR(10 g) = 0.386 W/kg

Maximum value of SAR (measured) = 0.999 W/kg



P02 GSM1900_GPRS12_Right Cheek_Ch512_Sample1_Ant1**DUT: 131023C29**

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

Medium: H1900_0104 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.339$ S/m; $\epsilon_r = 39.704$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.2, 8.2, 8.2); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

- Area Scan (81x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.40 W/kg

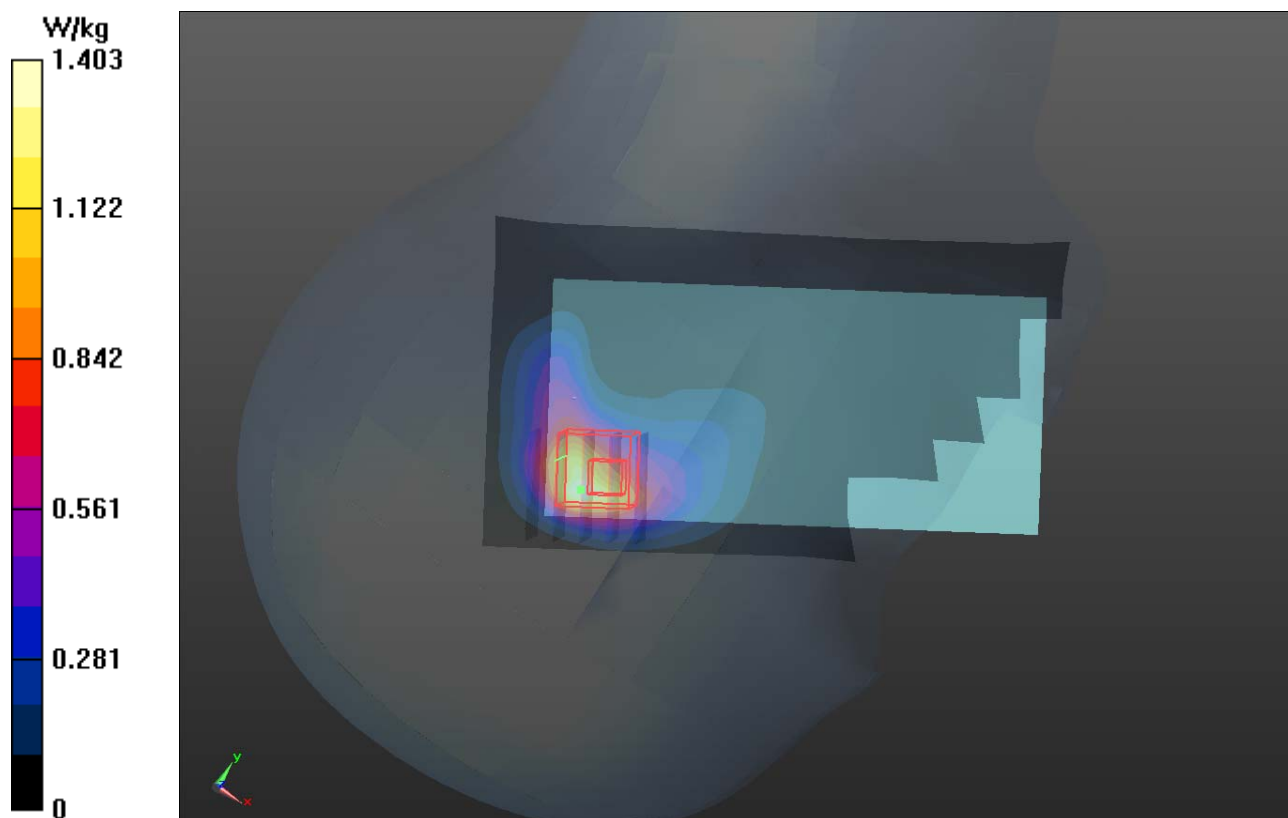
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.715 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.764 W/kg; SAR(10 g) = 0.426 W/kg

Maximum value of SAR (measured) = 1.06 W/kg



P03 WCDMA II_RMC12.2K_Right Cheek_Ch9538_Sample1_Ant1**DUT: 131023C29**

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

Medium: H1900_1230 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.43$ S/m; $\epsilon_r = 41.698$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C; Liquid Temperature : 20.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.2, 8.2, 8.2); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

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

Maximum value of SAR (interpolated) = 1.69 W/kg

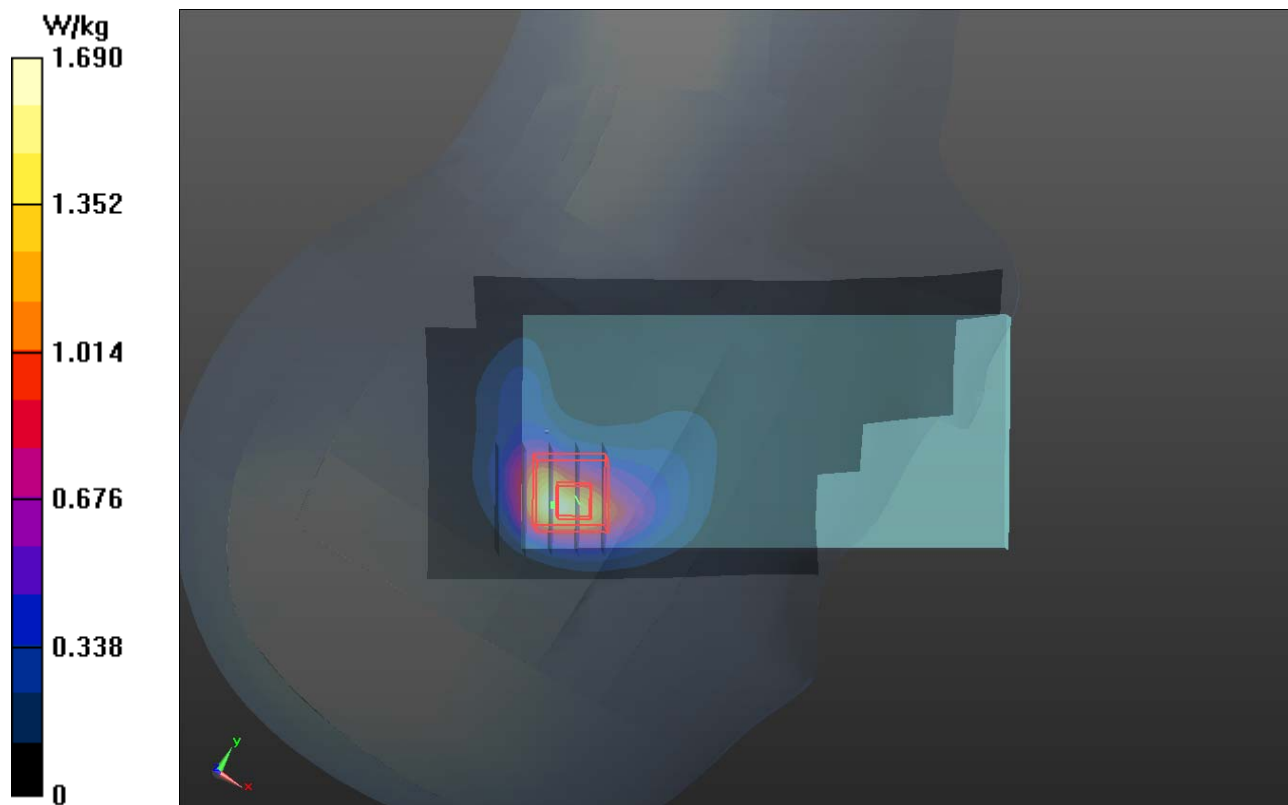
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.806 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.56 W/kg

SAR(1 g) = 0.911 W/kg; SAR(10 g) = 0.492 W/kg

Maximum value of SAR (measured) = 1.19 W/kg



P04 WCDMA V_RMC12.2K_Right Cheek_Ch4132_Sample1_Ant1**DUT: 131023C29**

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

Medium: H835_1228 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.88$ S/m; $\epsilon_r = 42.99$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(9.96, 9.96, 9.96); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

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

Maximum value of SAR (interpolated) = 0.318 W/kg

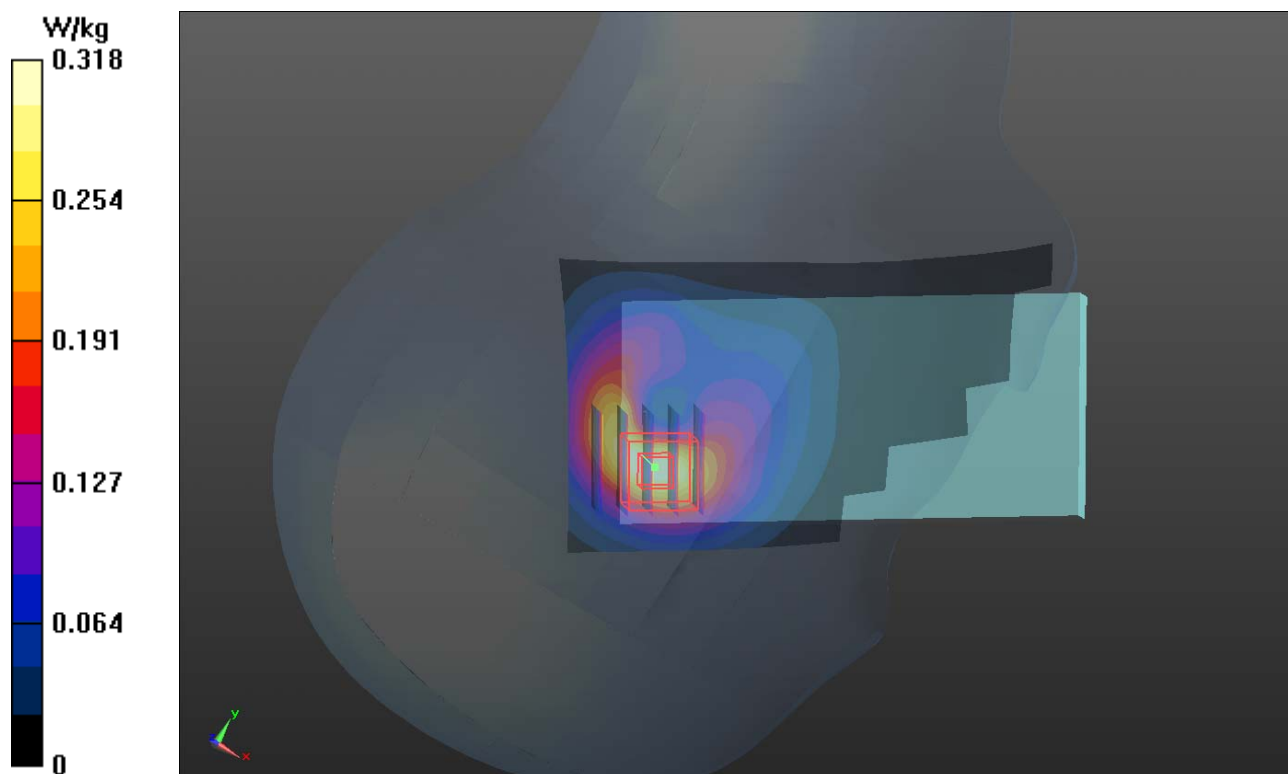
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.429 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.412 W/kg

SAR(1 g) = 0.222 W/kg; SAR(10 g) = 0.124 W/kg

Maximum value of SAR (measured) = 0.317 W/kg



P05 CDMA BC0_RC3+SO55_Right Cheek_Ch384_Sample1_Ant1**DUT: 131023C29**

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

Medium: H835_1231 Medium parameters used: $f = 837$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 42.79$; $\rho = 1000$ kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(9.96, 9.96, 9.96); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

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

Maximum value of SAR (interpolated) = 0.301 W/kg

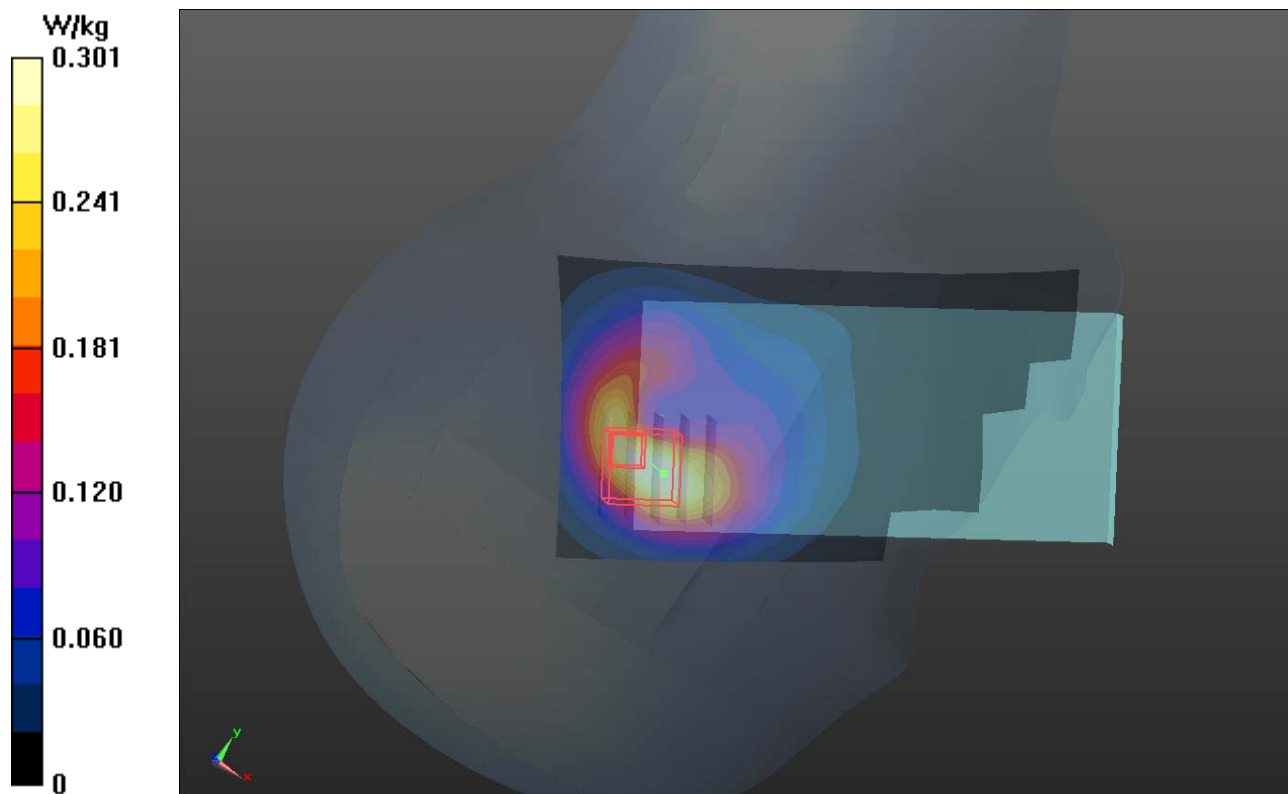
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.076 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.443 W/kg

SAR(1 g) = 0.221 W/kg; SAR(10 g) = 0.120 W/kg

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



P06 CDMA BC1_RC3+SO55_Right Cheek_Ch1175_Sample1_Ant1**DUT: 131023C29**

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: H1900_1230 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.431$ S/m; $\epsilon_r = 41.695$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C; Liquid Temperature : 20.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.2, 8.2, 8.2); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

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

Maximum value of SAR (interpolated) = 2.10 W/kg

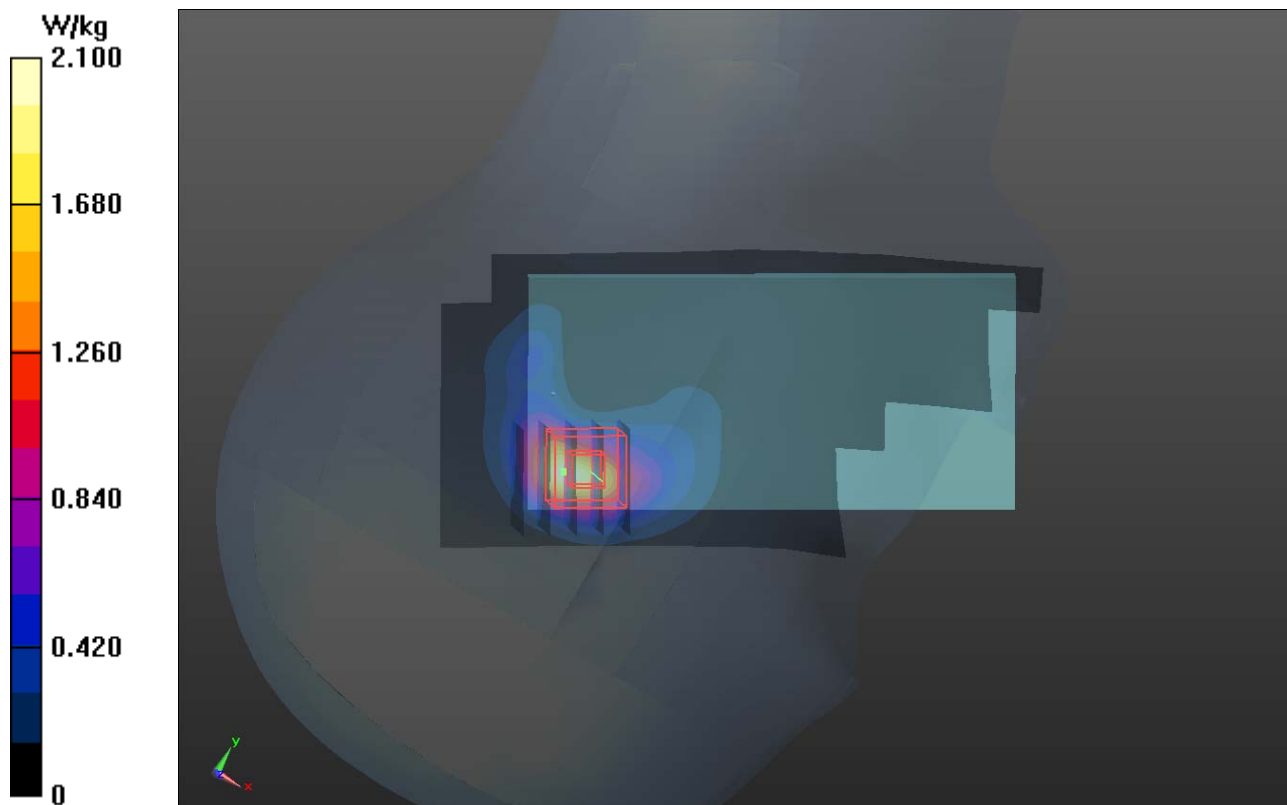
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.267 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.89 W/kg

SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.612 W/kg

Maximum value of SAR (measured) = 1.49 W/kg



P07 LTE 4_QPSK_20M_Right Cheek_Ch20300_Sample1_Ant1_1RB_OS50**DUT: 131023C29**

Communication System: LTE 4; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: H1750_1216 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.343$ S/m; $\epsilon_r = 38.882$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.49, 8.49, 8.49); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 1.07 W/kg

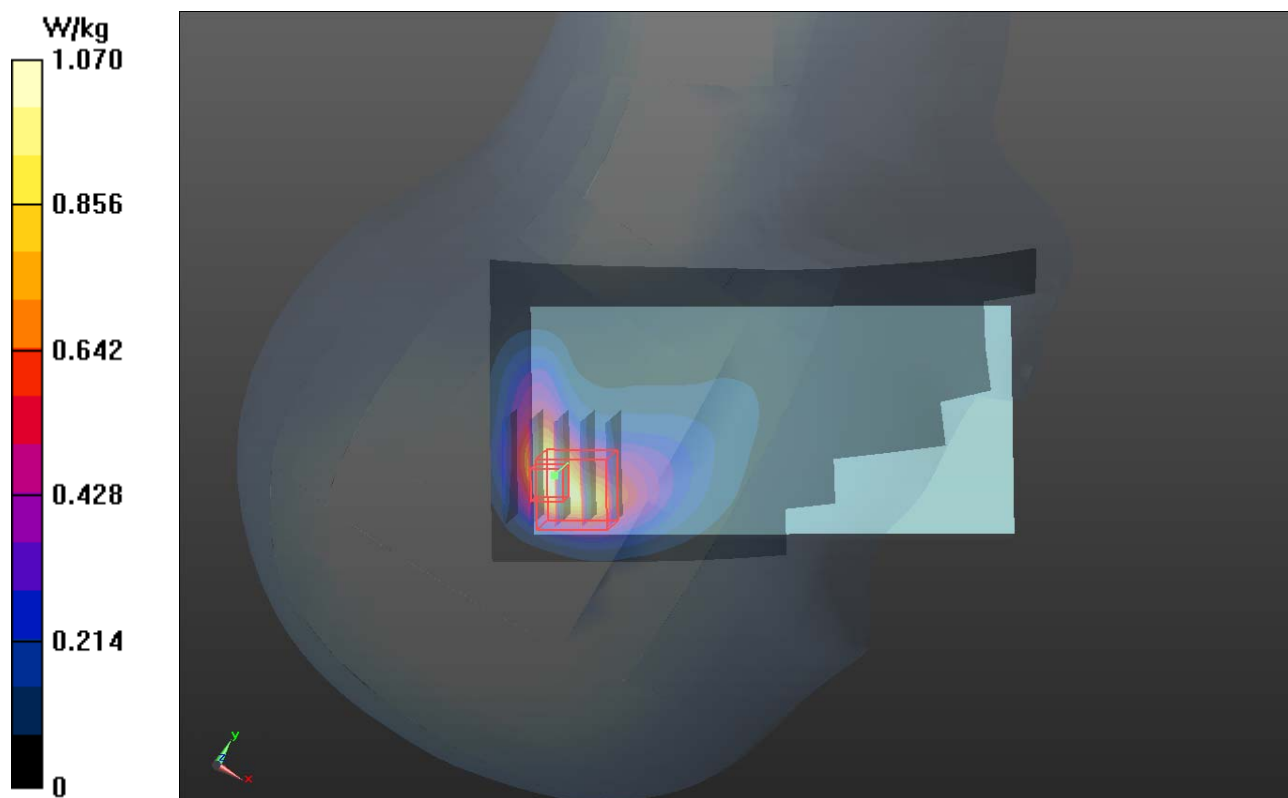
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.108 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.606 W/kg; SAR(10 g) = 0.327 W/kg

Maximum value of SAR (measured) = 0.848 W/kg



P08 LTE 7_QPSK_20M_Left Cheek_Ch21350_Sample1_Ant0_1RB_OS99**DUT: 131023C29**

Communication System: LTE 7; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: H2600_1217 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.008$ S/m; $\epsilon_r = 37.791$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.0 °C; Liquid Temperature : 20.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.26, 7.26, 7.26); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (81x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.514 W/kg

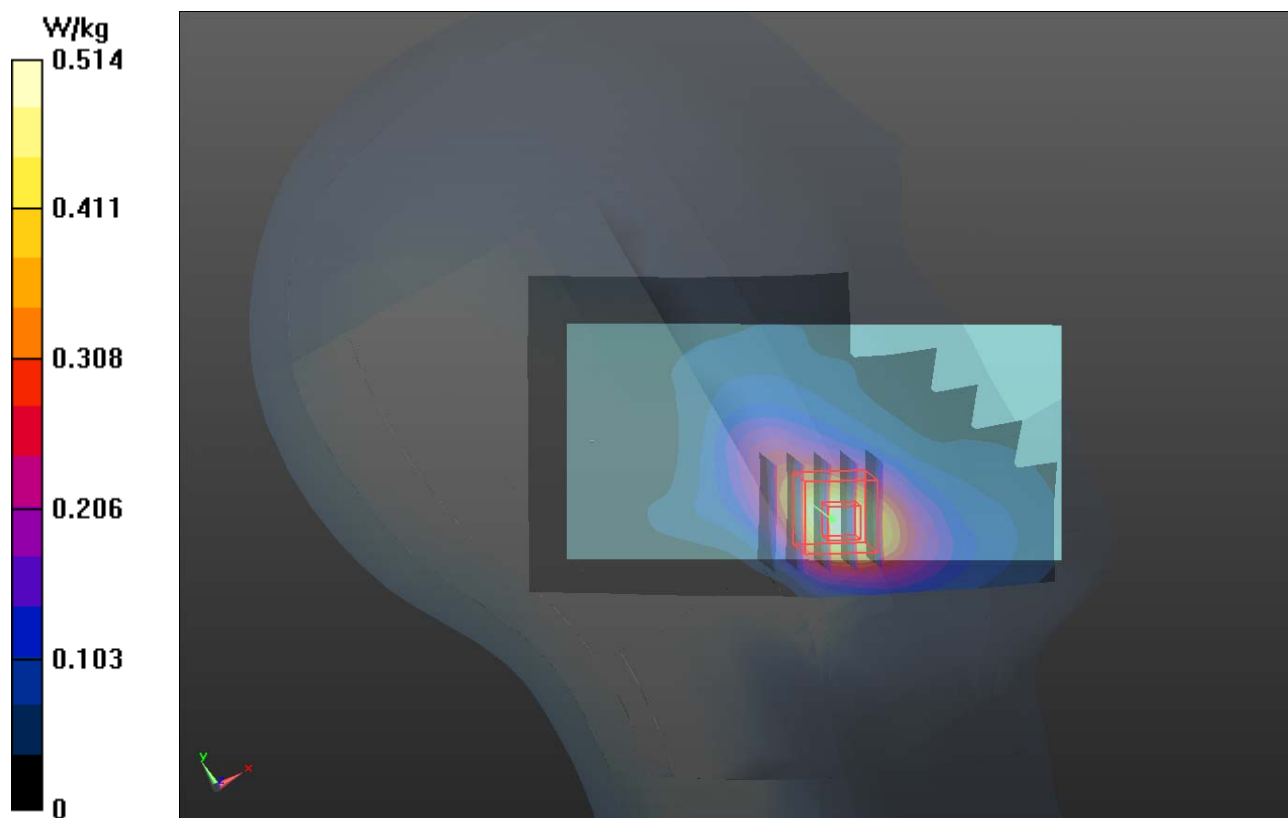
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.904 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.688 W/kg

SAR(1 g) = 0.360 W/kg; SAR(10 g) = 0.186 W/kg

Maximum value of SAR (measured) = 0.505 W/kg



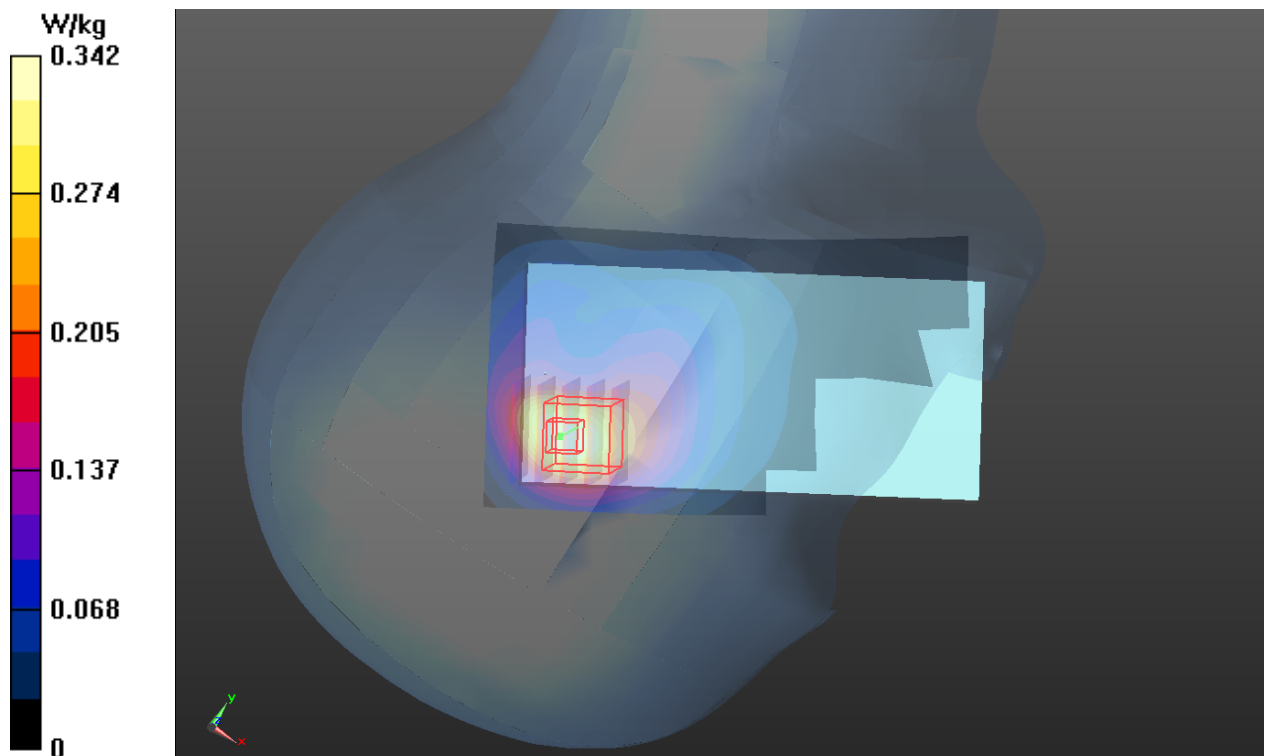
P09 LTE 13_QPSK_10M_Right Cheek_Ch23230_Sample1_Ant1_1RB_OS0**DUT: 131023C29**

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

Medium: H750_1212 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.929 \text{ S/m}$; $\epsilon_r = 40.132$; $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature : $21.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.69, 9.69, 9.69); Calibrated: 2013/04/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2013/01/30
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (61x111x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 0.342 W/kg **- Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 10.272 V/m ; Power Drift = -0.01 dB Peak SAR (extrapolated) = 0.438 W/kg **SAR(1 g) = 0.263 W/kg ; SAR(10 g) = 0.158 W/kg** Maximum value of SAR (measured) = 0.352 W/kg 

P10 802.11b_Left Cheek_Ch1_Sample1**DUT: 131023C29**

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

Medium: H2450_1213 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.82$ S/m; $\epsilon_r = 38.569$; $\rho = 1000$ kg/m³

Ambient Temperature : 20.7 °C; Liquid Temperature : 20.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(6.99, 6.99, 6.99); Calibrated: 2013/04/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2013/01/30
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1653
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (71x141x1):** Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.690 W/kg

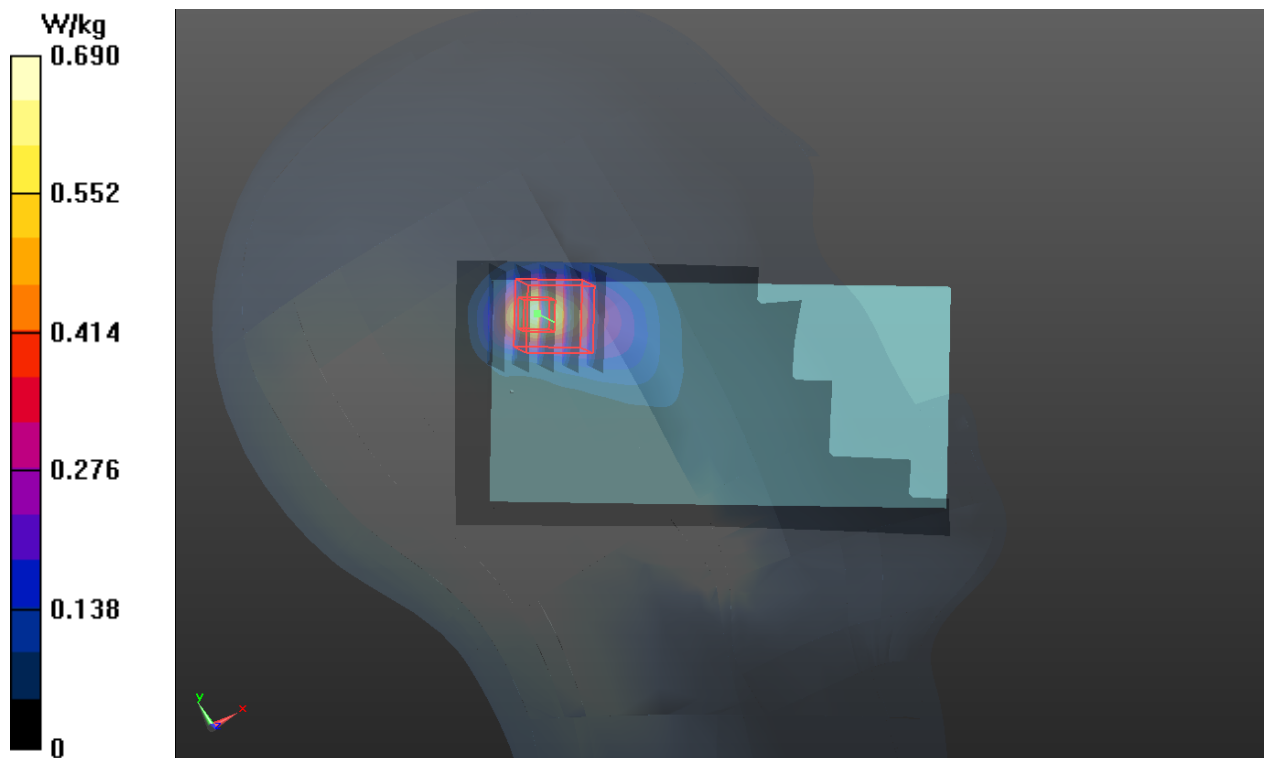
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.292 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.917 W/kg

SAR(1 g) = 0.428 W/kg; SAR(10 g) = 0.195 W/kg

Maximum value of SAR (measured) = 0.653 W/kg



P11 802.11n_HT20_Left Cheek_Ch48_Sample1**DUT: 131023C29**

Communication System: WLAN_5G; Frequency: 5240 MHz; Duty Cycle: 1:1.14

Medium: H5G_1218 Medium parameters used: $f = 5240$ MHz; $\sigma = 4.883$ S/m; $\epsilon_r = 35.783$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(5.33, 5.33, 5.33); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 0.466 W/kg

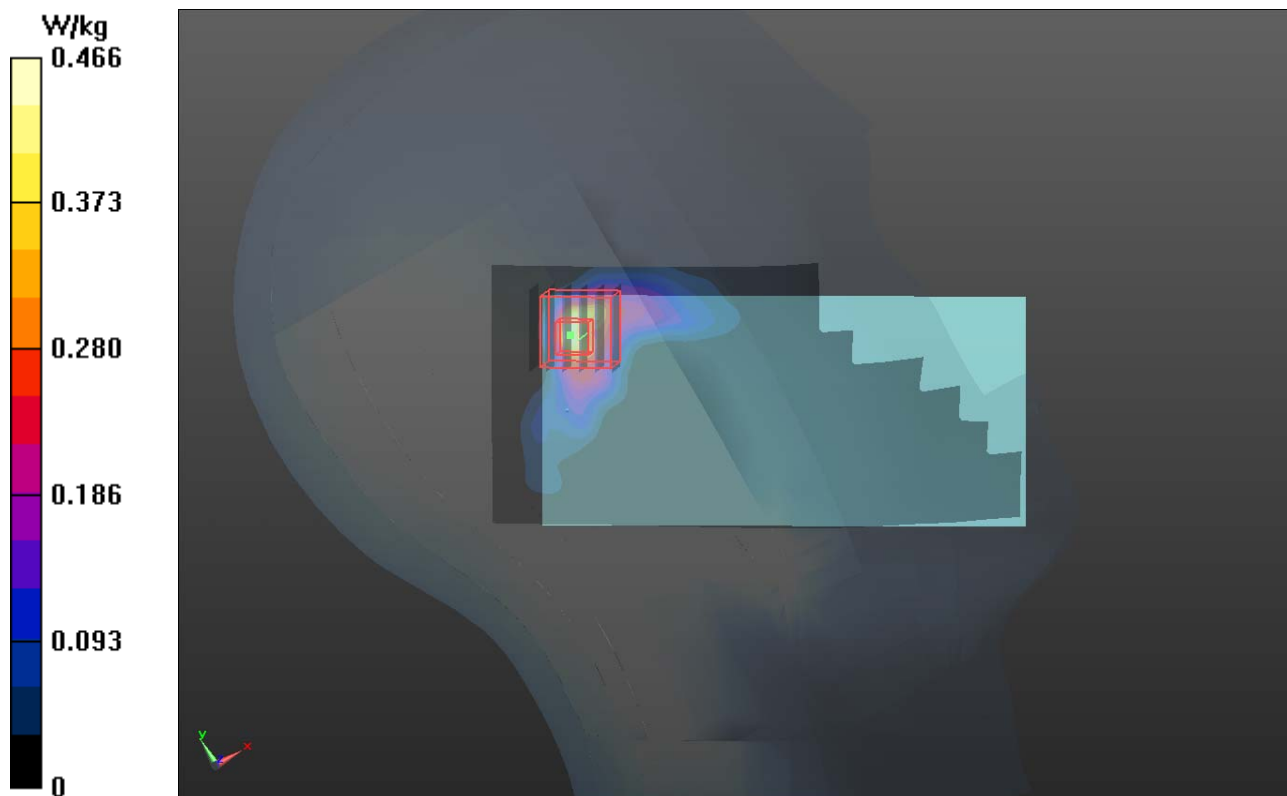
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 6.387 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.245 W/kg; SAR(10 g) = 0.066 W/kg

Maximum value of SAR (measured) = 0.501 W/kg



P12 802.11n_HT20_Left Cheek_Ch64_Sample1**DUT: 131023C29**

Communication System: WLAN_5G; Frequency: 5320 MHz; Duty Cycle: 1:1.14

Medium: H5G_1218 Medium parameters used: $f = 5320$ MHz; $\sigma = 4.967$ S/m; $\epsilon_r = 35.657$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(5.13, 5.13, 5.13); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (91x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.330 W/kg

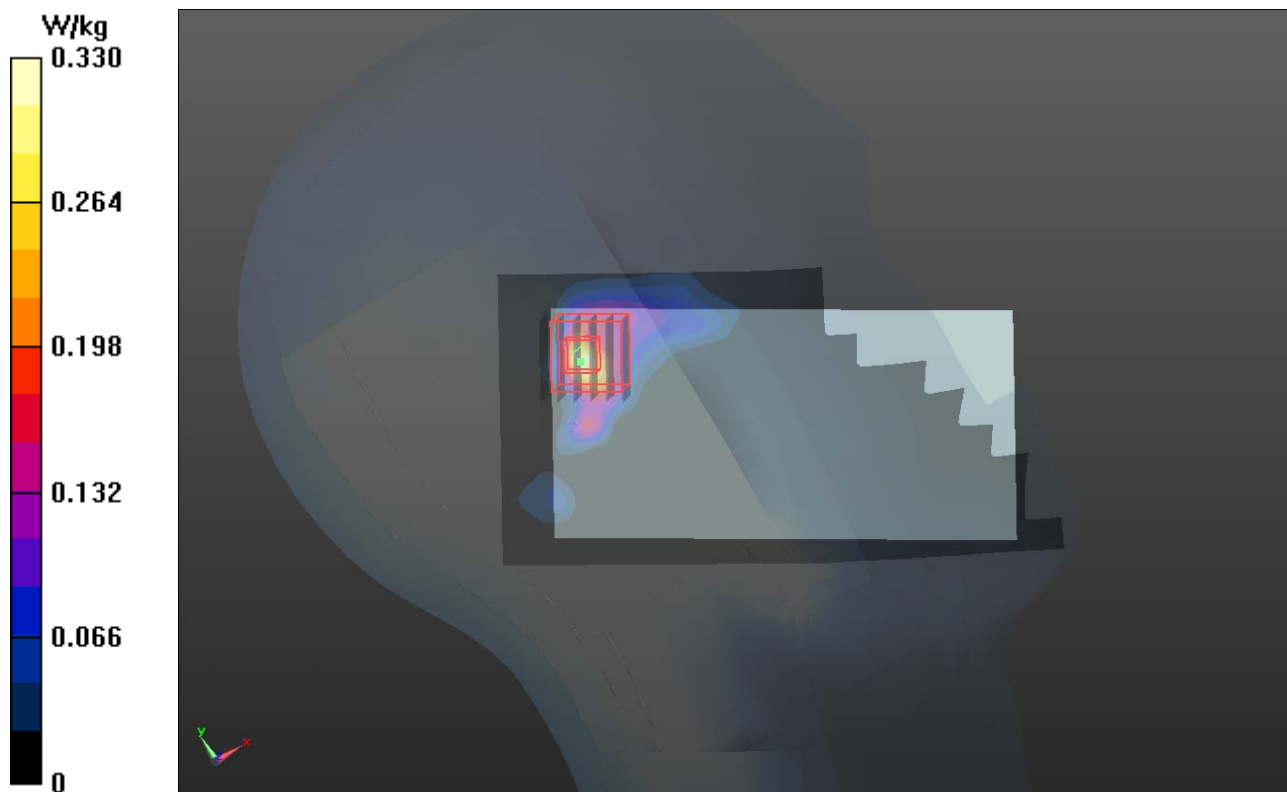
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 5.584 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.801 W/kg

SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.046 W/kg

Maximum value of SAR (measured) = 0.366 W/kg



P13 802.11n_HT20_Left Cheek_Ch140_Sample1

DUT: 131023C29

Communication System: WLAN_5G; Frequency: 5700 MHz; Duty Cycle: 1:1.14

Medium: H5G_1218 Medium parameters used: $f = 5700$ MHz; $\sigma = 5.391$ S/m; $\epsilon_r = 34.996$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(4.67, 4.67, 4.67); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (91x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.248 W/kg

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

Reference Value = 5.942 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.475 W/kg

SAR(1 g) = 0.096 W/kg; SAR(10 g) = 0.028 W/kg

Maximum value of SAR (measured) = 0.215 W/kg

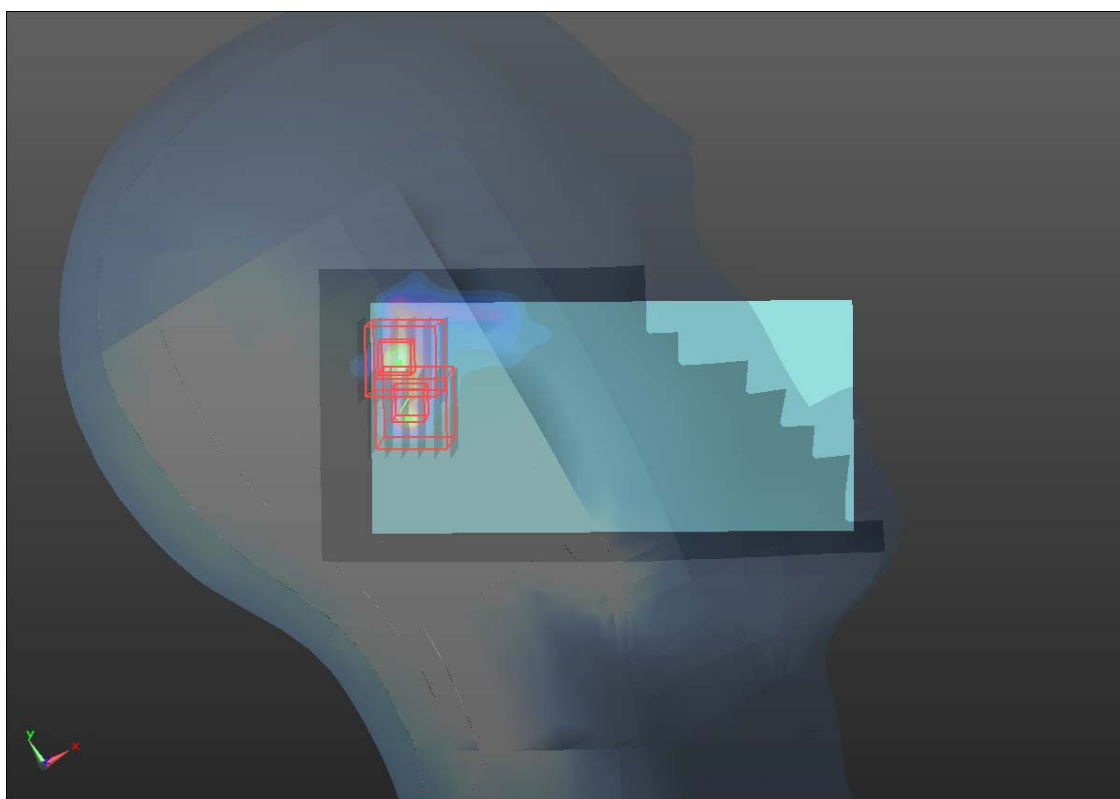
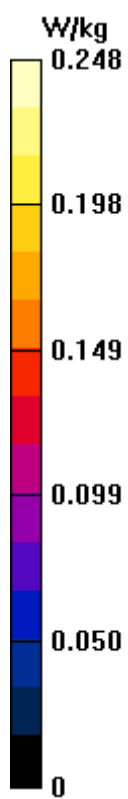
- **Zoom Scan (6x6x12)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 5.942 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.325 W/kg

SAR(1 g) = 0.073 W/kg; SAR(10 g) = 0.019 W/kg

Maximum value of SAR (measured) = 0.176 W/kg



P14 802.11n_HT20_Left Cheek_Ch157_Sample1**DUT: 131023C29**

Communication System: WLAN_5G; Frequency: 5785 MHz; Duty Cycle: 1:1.14

Medium: H5G_1218 Medium parameters used: $f = 5785$ MHz; $\sigma = 5.486$ S/m; $\epsilon_r = 34.844$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(4.67, 4.67, 4.67); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (91x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.308 W/kg

- Zoom Scan (6x6x12)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 5.996 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.540 W/kg

SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.029 W/kg

Maximum value of SAR (measured) = 0.207 W/kg

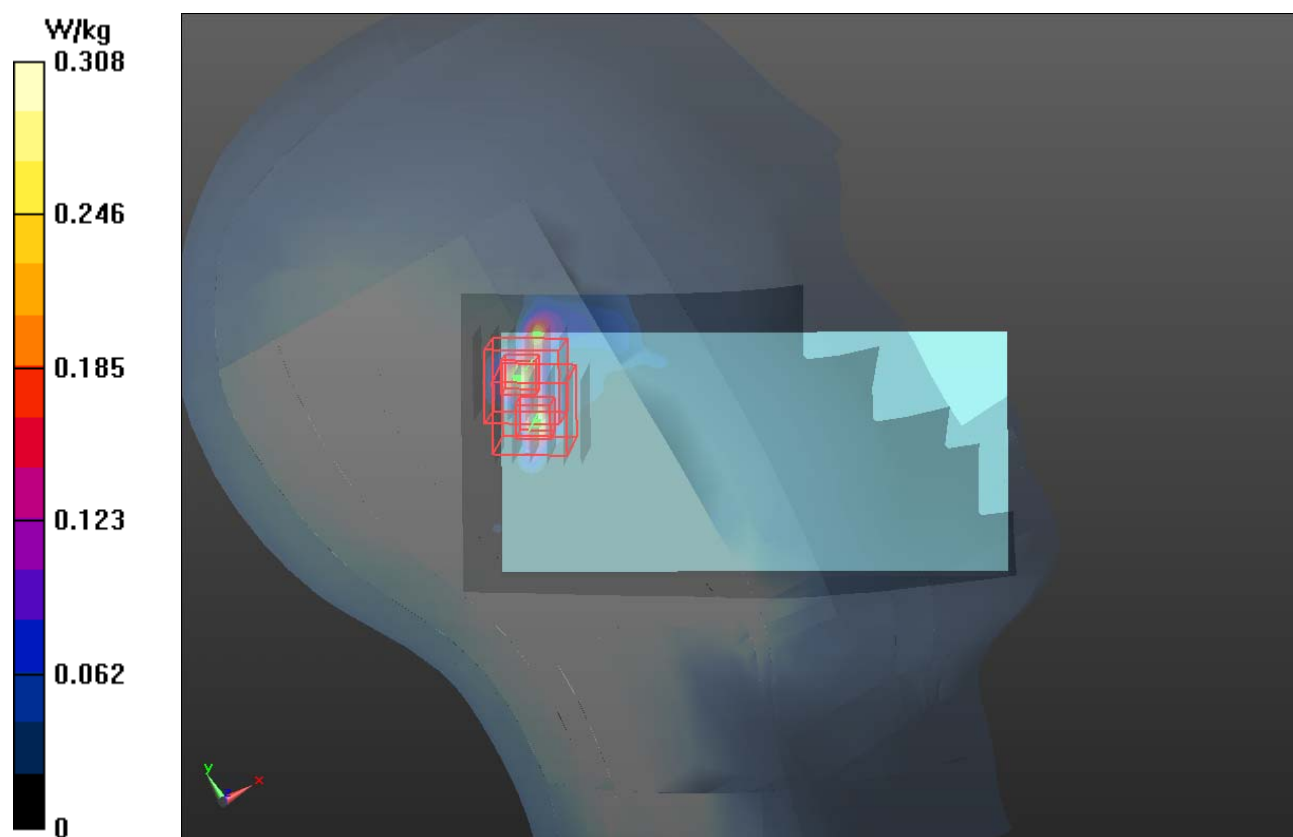
- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 5.996 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.433 W/kg

SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.026 W/kg

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



P15 GSM850_GPRS12_Rear Face_1cm_Ch189_Sample1_Ant0

DUT: 131023C29

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

Medium: B835_1217 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.977$ S/m; $\epsilon_r = 54.644$; $\rho = 1000$ kg/m³

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

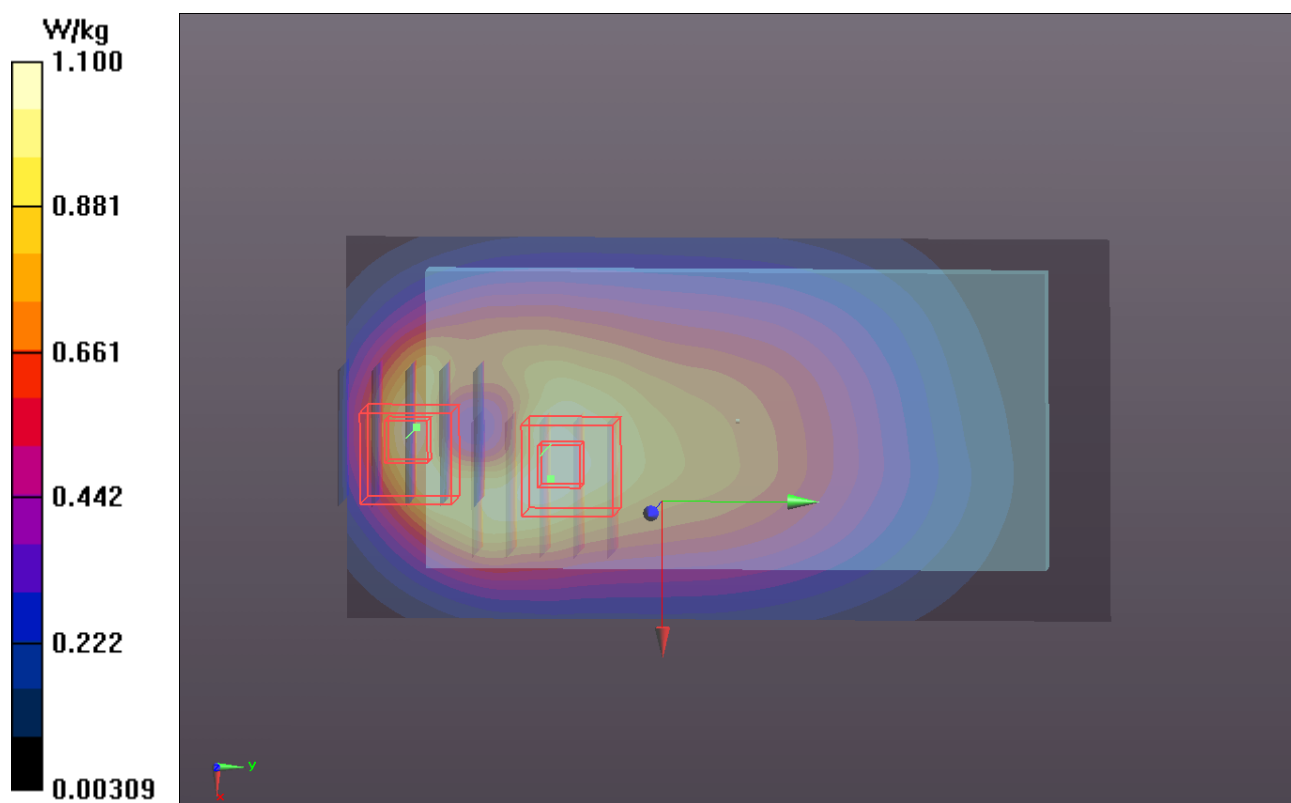
DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(10.14, 10.14, 10.14); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1204
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.10 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.435 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.780 W/kg; SAR(10 g) = 0.562 W/kg
Maximum value of SAR (measured) = 0.918 W/kg

- **Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.435 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.698 W/kg; SAR(10 g) = 0.408 W/kg
Maximum value of SAR (measured) = 0.960 W/kg



P16 GSM1900_GPRS12_Front Face_1cm_Ch810_Sample1_Ant0

DUT: 131023C29

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

Medium: B1900_1217 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.583$ S/m; $\epsilon_r = 52.367$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C; Liquid Temperature : 20.6 °C

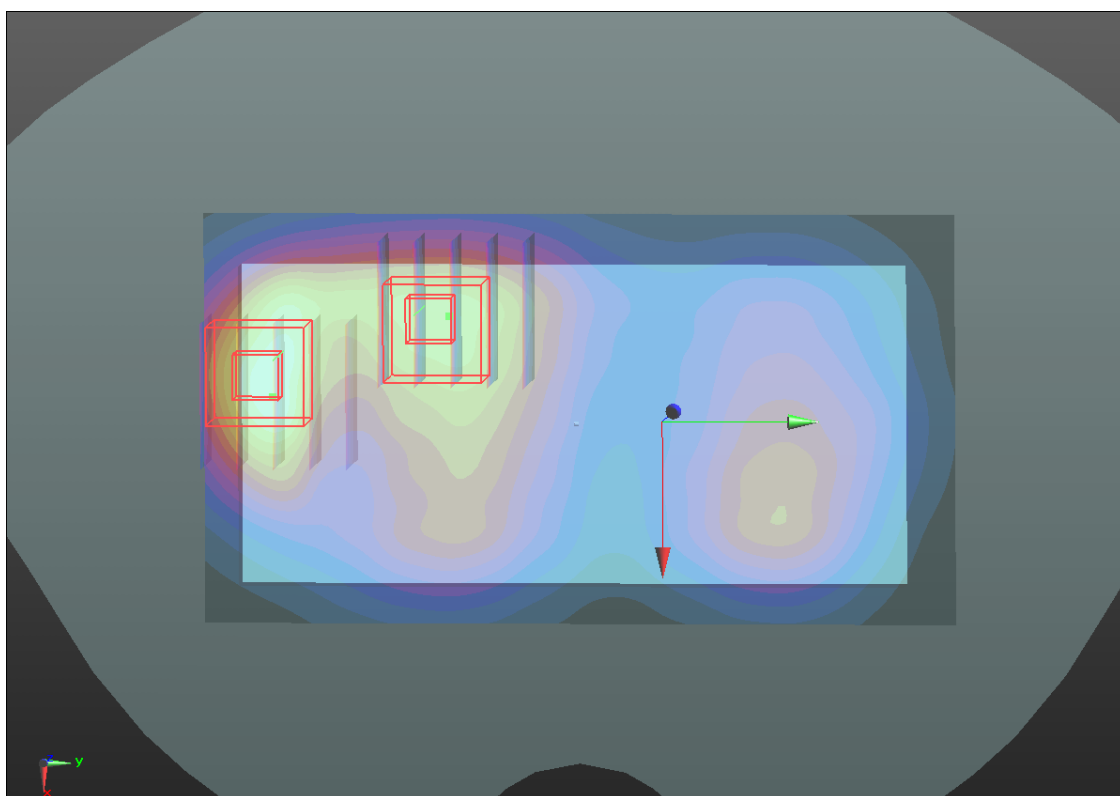
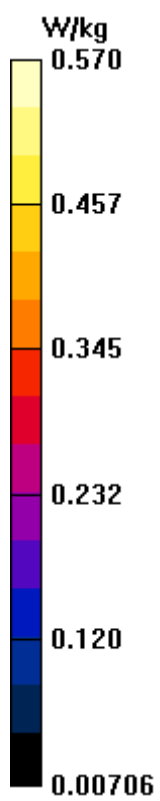
DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.87, 7.87, 7.87); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.570 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.919 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.763 W/kg
SAR(1 g) = 0.445 W/kg; SAR(10 g) = 0.242 W/kg
Maximum value of SAR (measured) = 0.571 W/kg

- **Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.919 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.575 W/kg
SAR(1 g) = 0.379 W/kg; SAR(10 g) = 0.245 W/kg
Maximum value of SAR (measured) = 0.480 W/kg



P17 WCDMA II_RMC12.2k_Rear Face_1cm_Ch9262_Sample1_Ant0**DUT: 131023C29**

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

Medium: B1900_1217 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.511$ S/m; $\epsilon_r = 52.612$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.87, 7.87, 7.87); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 0.00741 W/kg

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

Reference Value = 0.673 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.00757 W/kg

SAR(1 g) = 0.00354 W/kg; SAR(10 g) = 0.00139 W/kg

Maximum value of SAR (measured) = 0.00491 W/kg

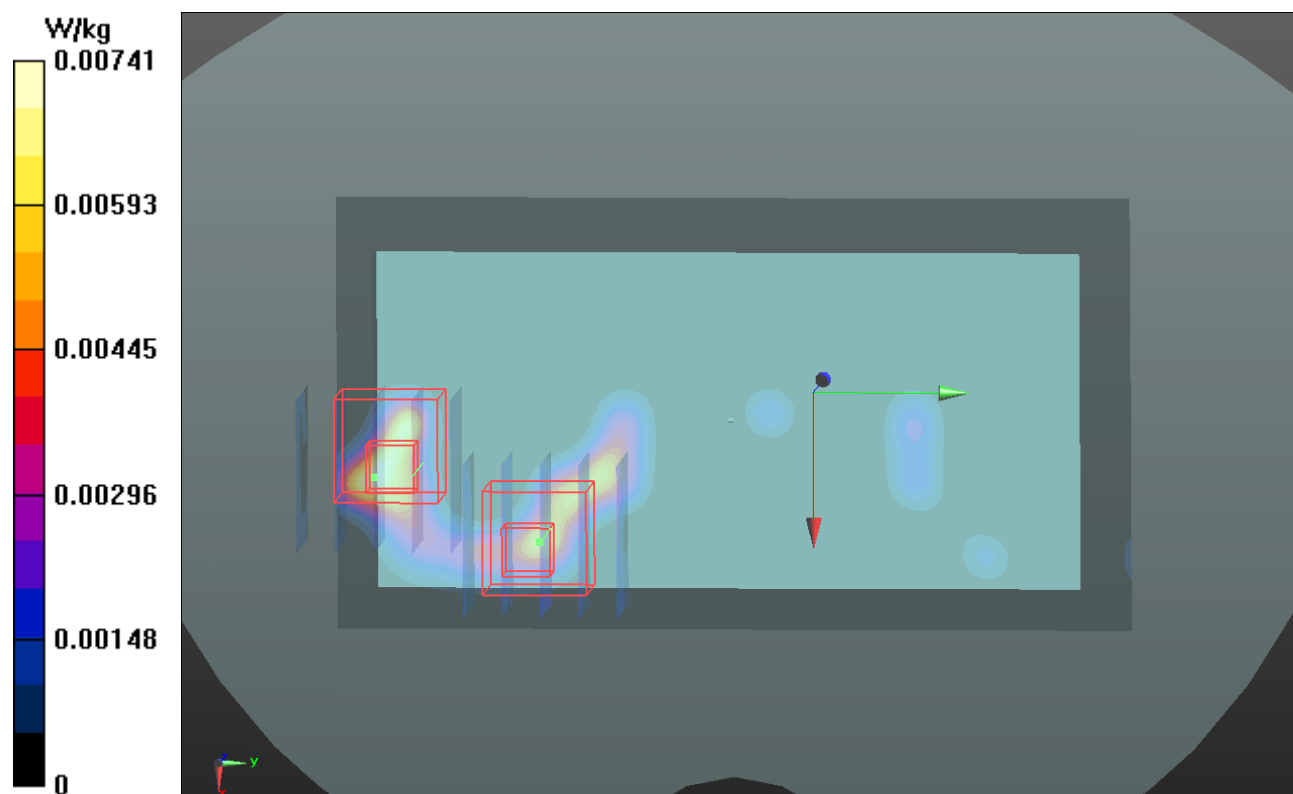
- Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.673 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.00545 W/kg

SAR(1 g) = 0.00273 W/kg; SAR(10 g) = 0.00122 W/kg

Maximum value of SAR (measured) = 0.00385 W/kg



P18 WCDMA V_RMC12.2k_Rear Face_1cm_Ch4132_Sample1_Ant0**DUT: 131023C29**

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

Medium: B835_1217 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.966$ S/m; $\epsilon_r = 54.729$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(10.14, 10.14, 10.14); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1204
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 0.221 W/kg

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

Reference Value = 12.447 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.237 W/kg

SAR(1 g) = 0.179 W/kg; SAR(10 g) = 0.129 W/kg

Maximum value of SAR (measured) = 0.211 W/kg

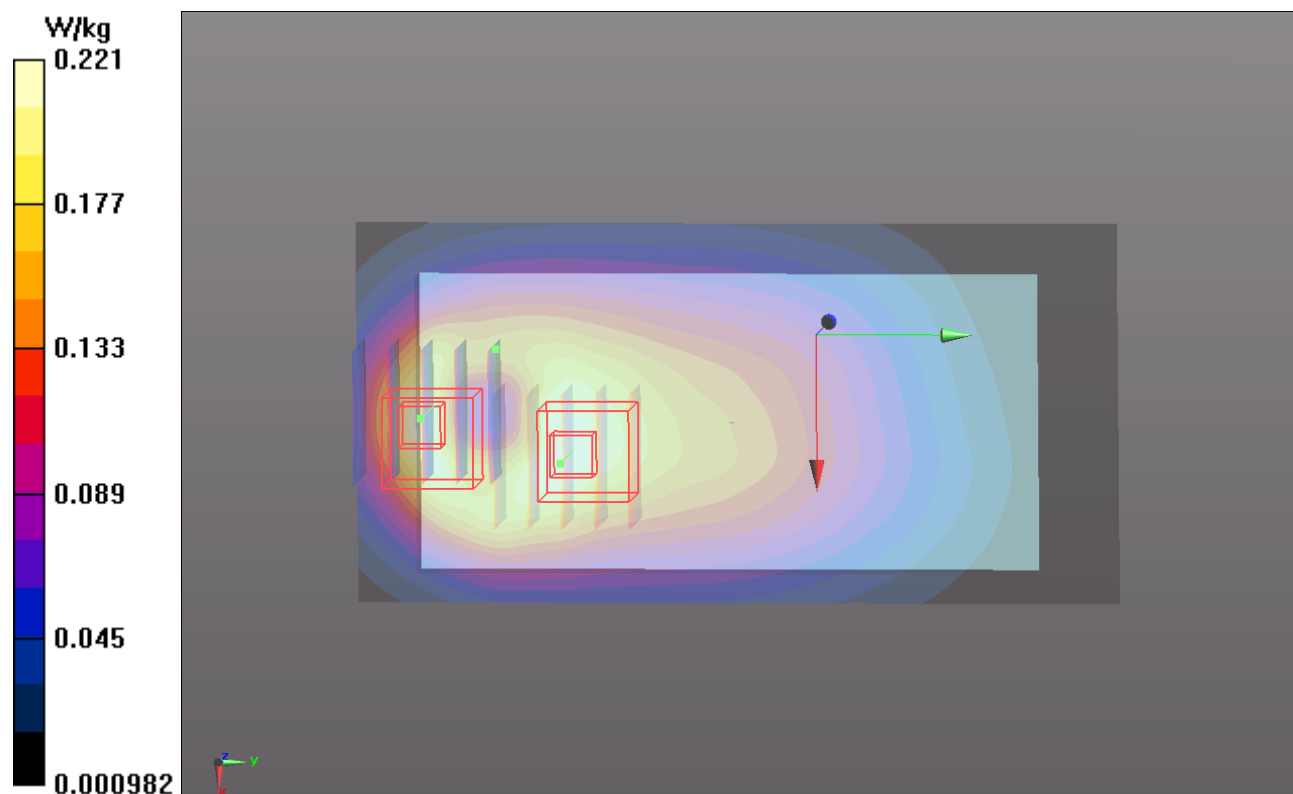
- Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.447 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.267 W/kg

SAR(1 g) = 0.160 W/kg; SAR(10 g) = 0.096 W/kg

Maximum value of SAR (measured) = 0.218 W/kg



P19 CDMA BC0_RTAP 153.6_Rear Face_1cm_Ch384_Sample1_Ant0**DUT: 131023C29**

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

Medium: B835_1217 Medium parameters used: $f = 837$ MHz; $\sigma = 0.978$ S/m; $\epsilon_r = 54.638$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(10.14, 10.14, 10.14); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1204
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 0.316 W/kg

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

Reference Value = 14.326 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.338 W/kg

SAR(1 g) = 0.251 W/kg; SAR(10 g) = 0.179 W/kg

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

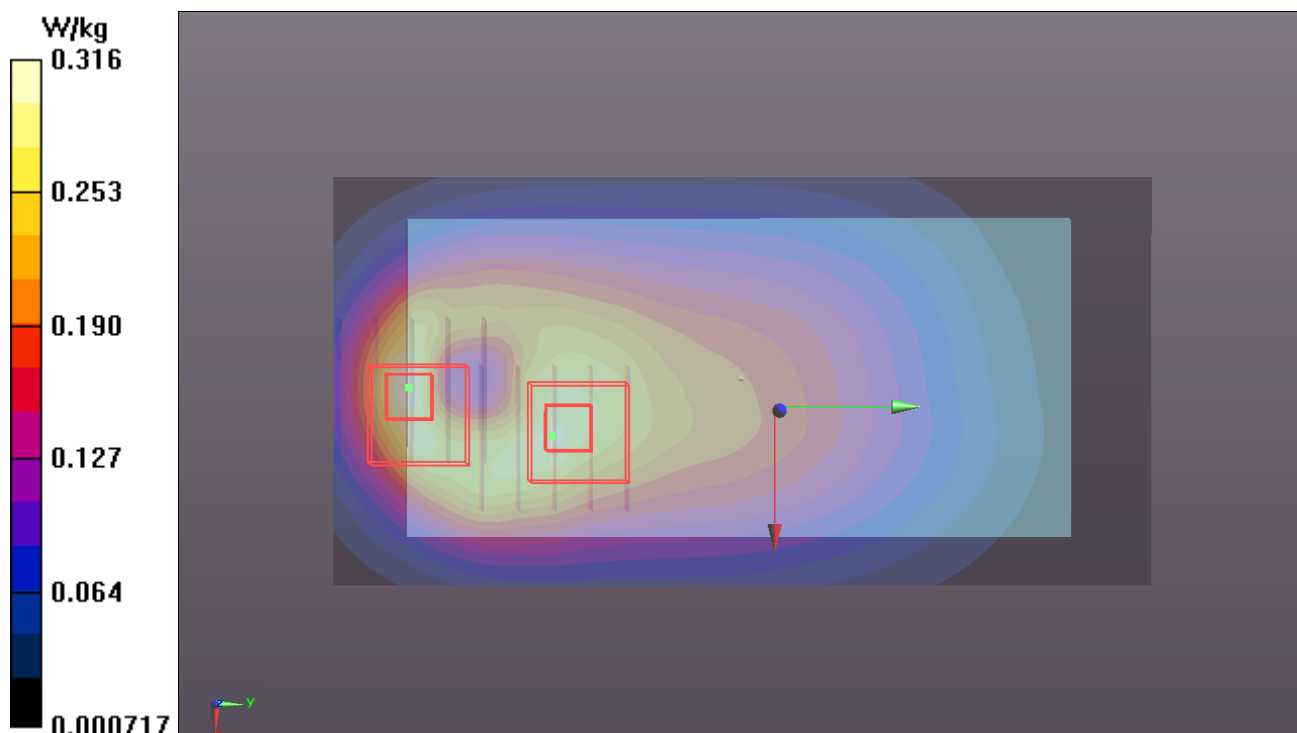
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.326 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.400 W/kg

SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.139 W/kg

Maximum value of SAR (measured) = 0.320 W/kg



P20 CDMA BC1_RTAP 153.6_Rear Face_1cm_Ch1175_Sample1_Ant1**DUT: 131023C29**

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: B1900_1227 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.571$ S/m; $\epsilon_r = 53.432$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.87, 7.87, 7.87); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

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

Maximum value of SAR (interpolated) = 0.163 W/kg

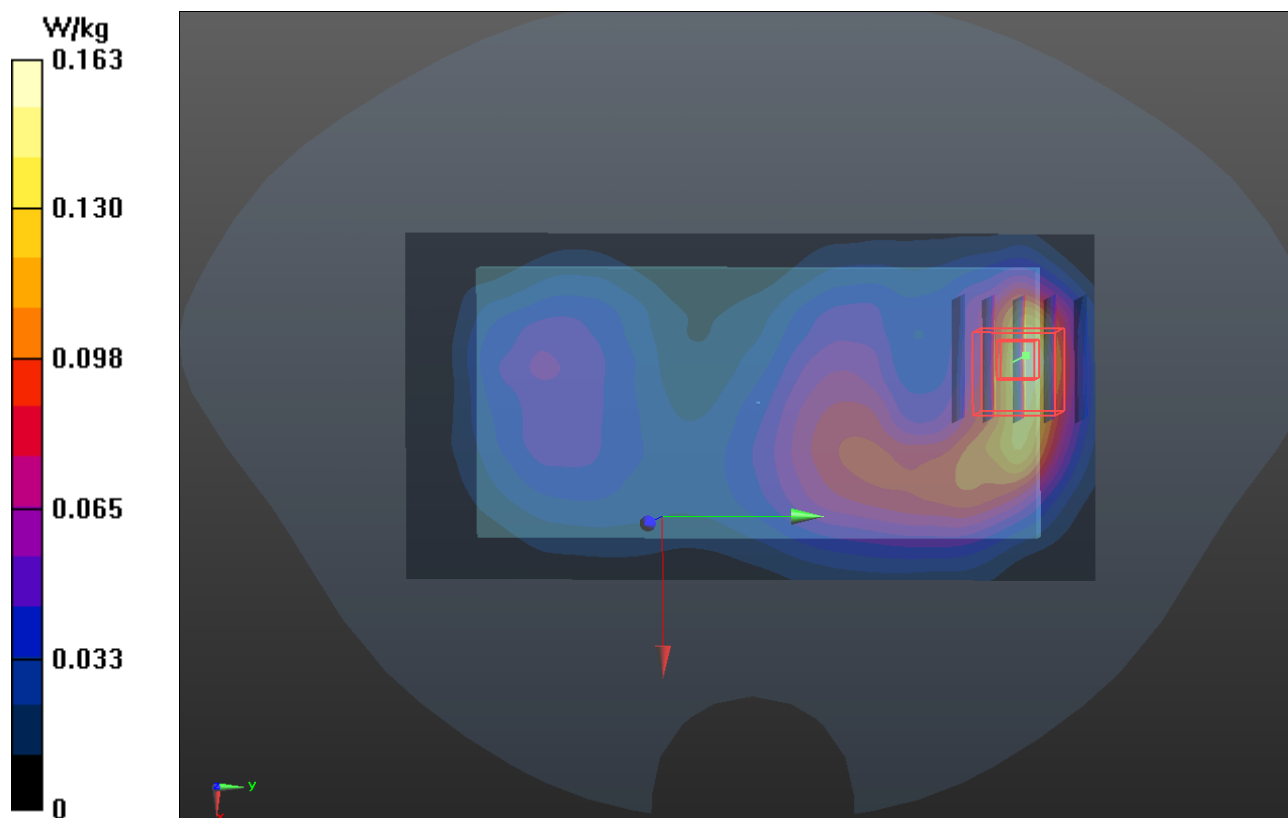
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.037 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.225 W/kg

SAR(1 g) = 0.133 W/kg; SAR(10 g) = 0.071 W/kg

Maximum value of SAR (measured) = 0.176 W/kg



P21 LTE 4_QPSK_20M_Rear Face_1cm_Ch20300_Sample1_Ant1_1RB_OS50**DUT: 131023C29**

Communication System: LTE 4; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: B1750_1217 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.481$ S/m; $\epsilon_r = 52.145$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.1 °C; Liquid Temperature : 20.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.1, 8.1, 8.1); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 0.269 W/kg

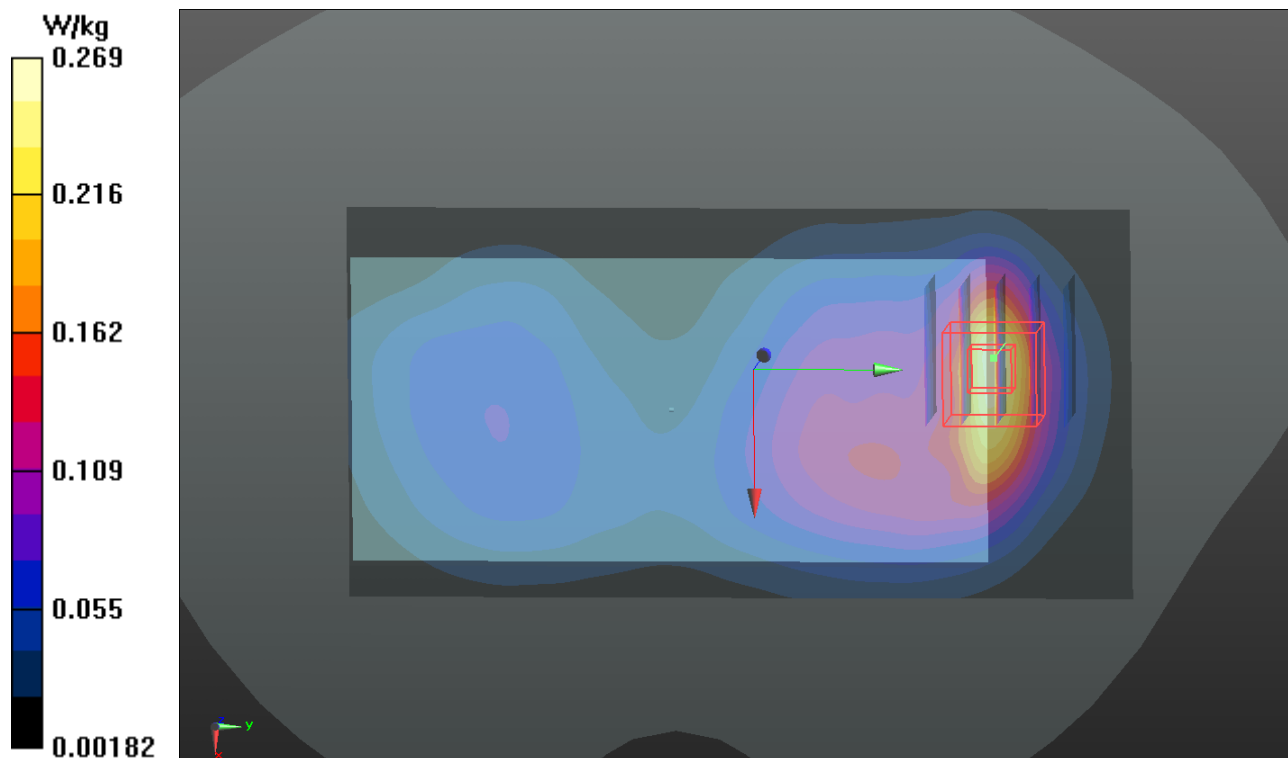
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.861 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.343 W/kg

SAR(1 g) = 0.214 W/kg; SAR(10 g) = 0.122 W/kg

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



P22 LTE 7_QPSK_20M_Front Face_1cm_Ch21350_Sample1_Ant0_1RB_OS99**DUT: 131023C29**

Communication System: LTE 7; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: B2600_1219 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.148$ S/m; $\epsilon_r = 52.391$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.0 °C; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.26, 7.26, 7.26); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (81x131x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.378 W/kg

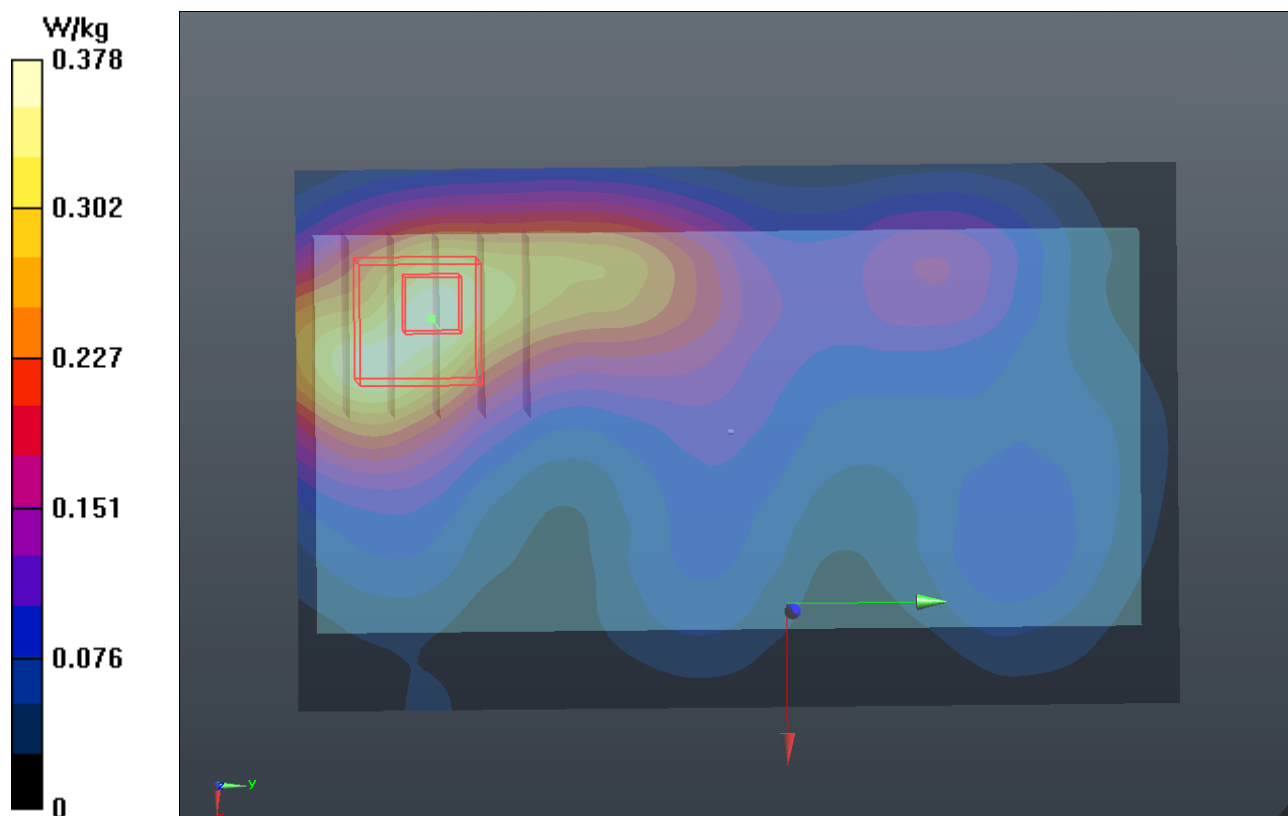
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.061 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.465 W/kg

SAR(1 g) = 0.257 W/kg; SAR(10 g) = 0.141 W/kg

Maximum value of SAR (measured) = 0.282 W/kg



P23 LTE 13_QPSK_10M_Rear Face_1cm_Ch23230_Sample1_Ant1_1RB_OS0

DUT: 131023C29

Communication System: LTE 13; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: B750_1219 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.992 \text{ S/m}$; $\epsilon_r = 54.936$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $21.1 \text{ }^\circ\text{C}$; Liquid Temperature : $20.1 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(10.15, 10.15, 10.15); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1204
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (61x111x1):** Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.130 W/kg

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

Reference Value = 11.596 V/m ; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.136 W/kg

SAR(1 g) = 0.112 W/kg ; SAR(10 g) = 0.088 W/kg

Maximum value of SAR (measured) = 0.127 W/kg

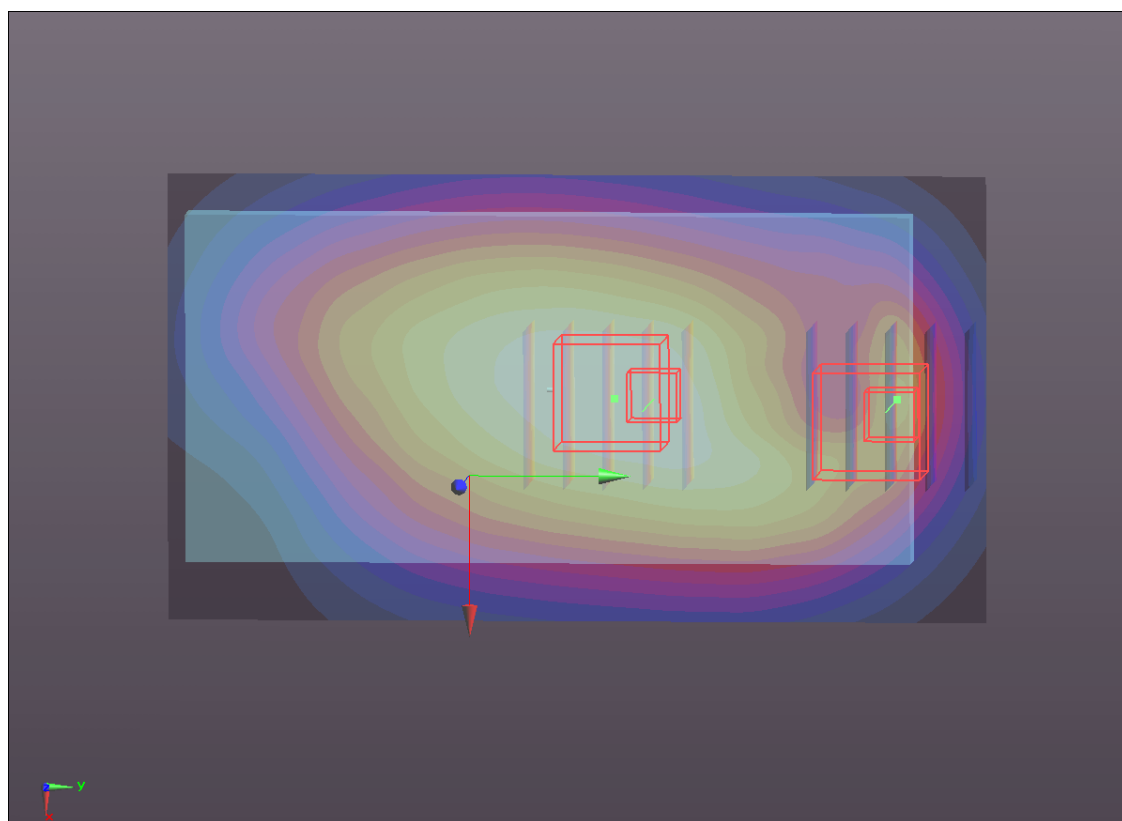
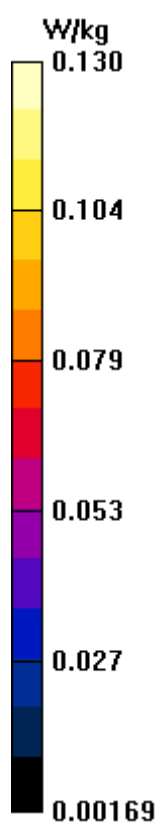
- **Zoom Scan (5x5x7)/Cube 1:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.596 V/m ; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.118 W/kg

SAR(1 g) = 0.074 W/kg ; SAR(10 g) = 0.047 W/kg

Maximum value of SAR (measured) = 0.0985 W/kg



P24 802.11b_Front Face_1cm_Ch1_Sample1**DUT: 131023C29**

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

Medium: B2450_1231 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.922$ S/m; $\epsilon_r = 50.788$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.0 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.4, 7.4, 7.4); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

- **Area Scan (81x161x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0534 W/kg

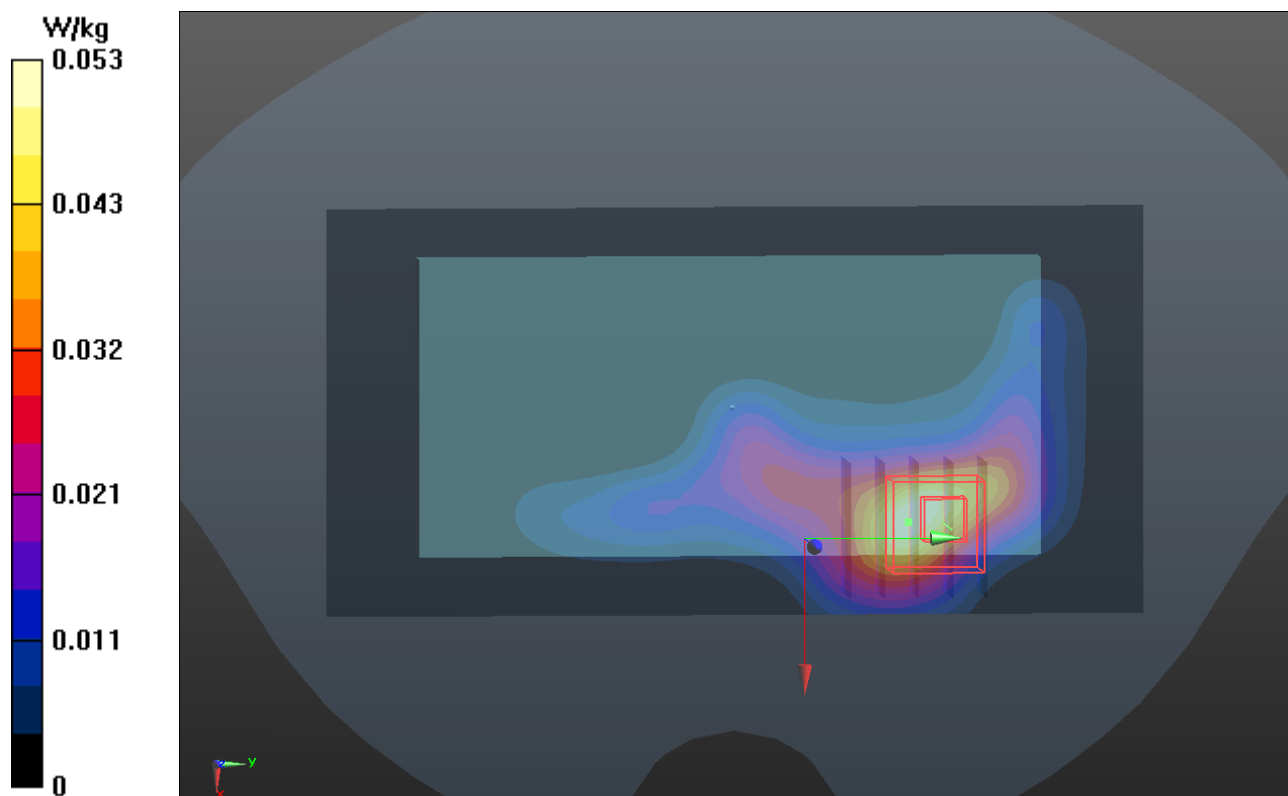
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.137 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.0740 W/kg

SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.020 W/kg

Maximum value of SAR (measured) = 0.0441 W/kg



P25 802.11n_HT20_Rear Face_1cm_Ch48_Sample1**DUT: 131023C29**

Communication System: WLAN_5G; Frequency: 5240 MHz; Duty Cycle: 1:1.14

Medium: B5G_1227 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.36$ S/m; $\epsilon_r = 49.117$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(4.24, 4.24, 4.24); Calibrated: 2013/06/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2013/04/24
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.125 W/kg

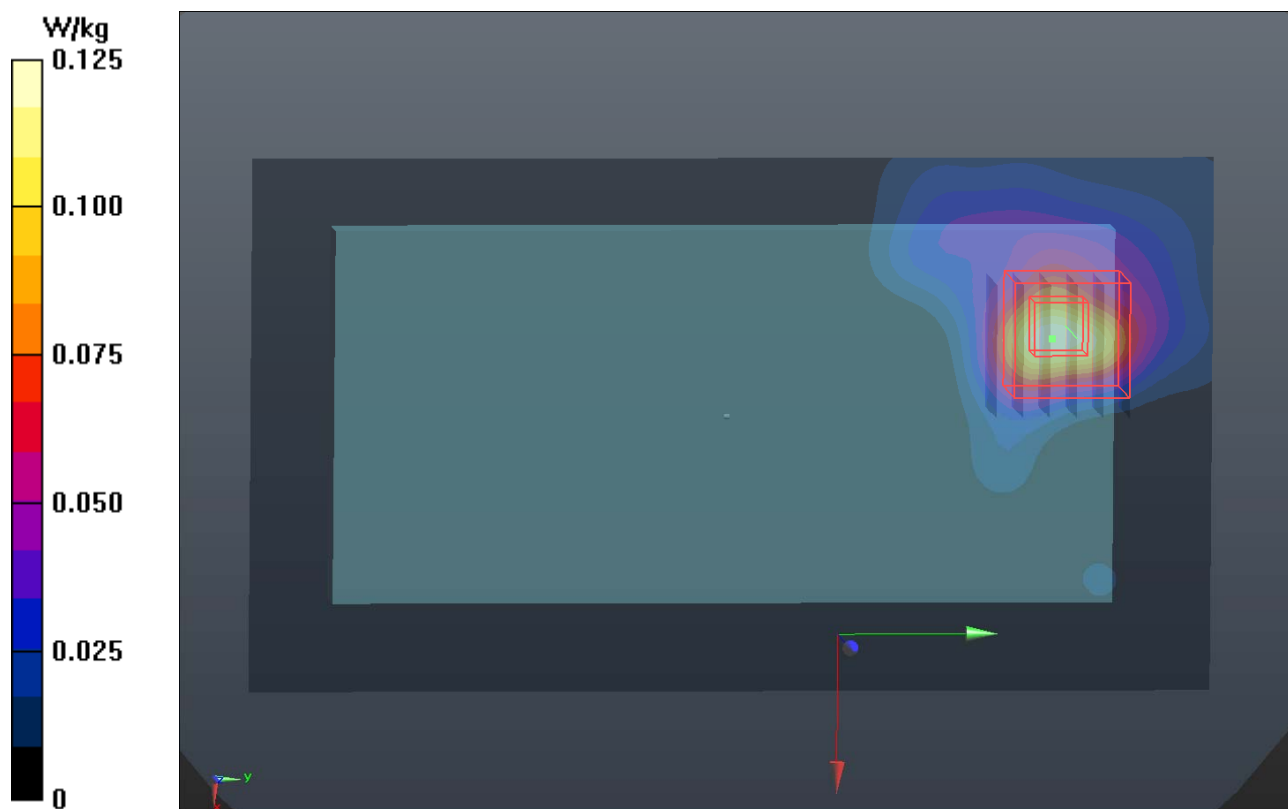
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

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

Peak SAR (extrapolated) = 0.249 W/kg

SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.021 W/kg

Maximum value of SAR (measured) = 0.103 W/kg



P26 802.11n_HT20_Rear Face_1cm_Ch64_Sample1**DUT: 131023C29**

Communication System: WLAN_5G; Frequency: 5320 MHz; Duty Cycle: 1:1.14

Medium: B5G_1227 Medium parameters used: $f = 5320$ MHz; $\sigma = 5.442$ S/m; $\epsilon_r = 48.919$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(4.05, 4.05, 4.05); Calibrated: 2013/06/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2013/04/24
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (101x181x1):** Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.0872 W/kg

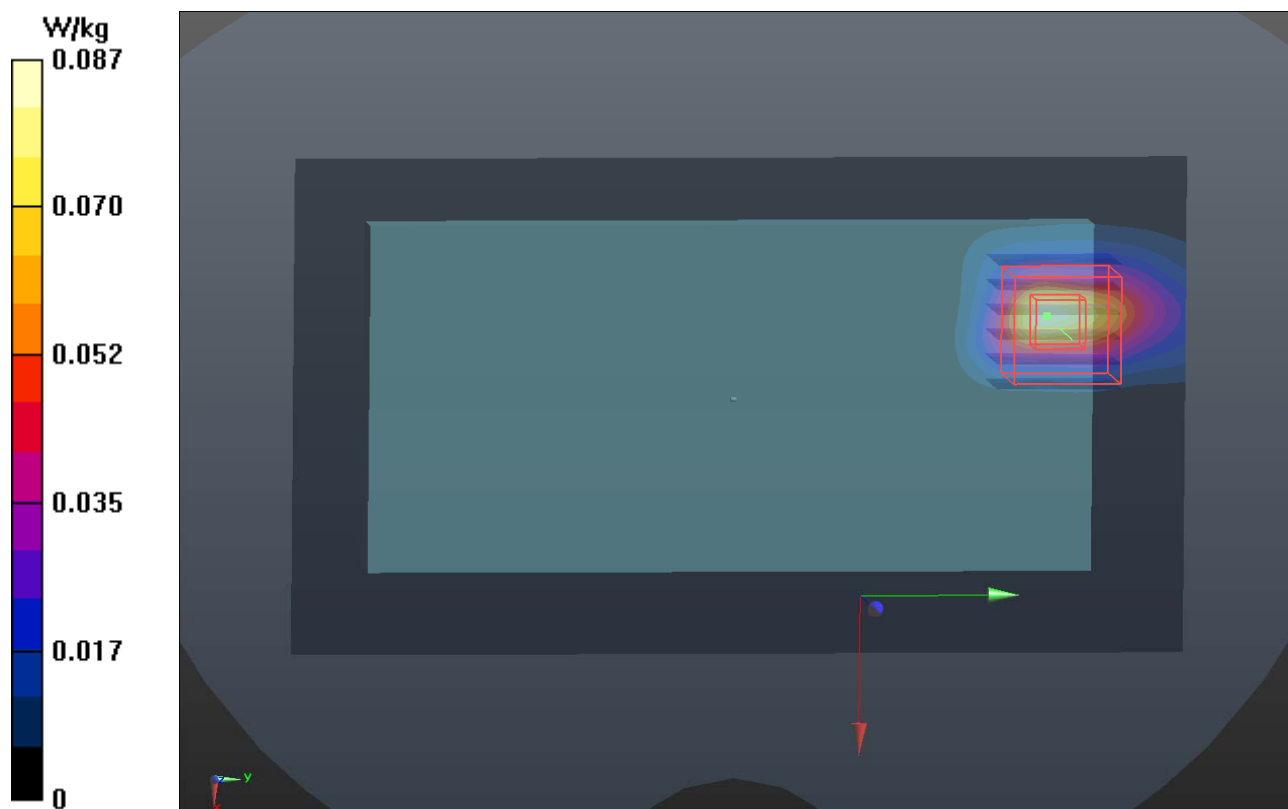
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=2$ mm

Reference Value = 0 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.105 W/kg

SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.010 W/kg

Maximum value of SAR (measured) = 0.0548 W/kg



P27 802.11a_Rear Face_1cm_Ch100_Sample1**DUT: 131023C29**

Communication System: WLAN_5G; Frequency: 5500 MHz; Duty Cycle: 1:1.14

Medium: B5G_1227 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.727$ S/m; $\epsilon_r = 48.708$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(3.83, 3.83, 3.83); Calibrated: 2013/06/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2013/04/24
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (101x181x1):** Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

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

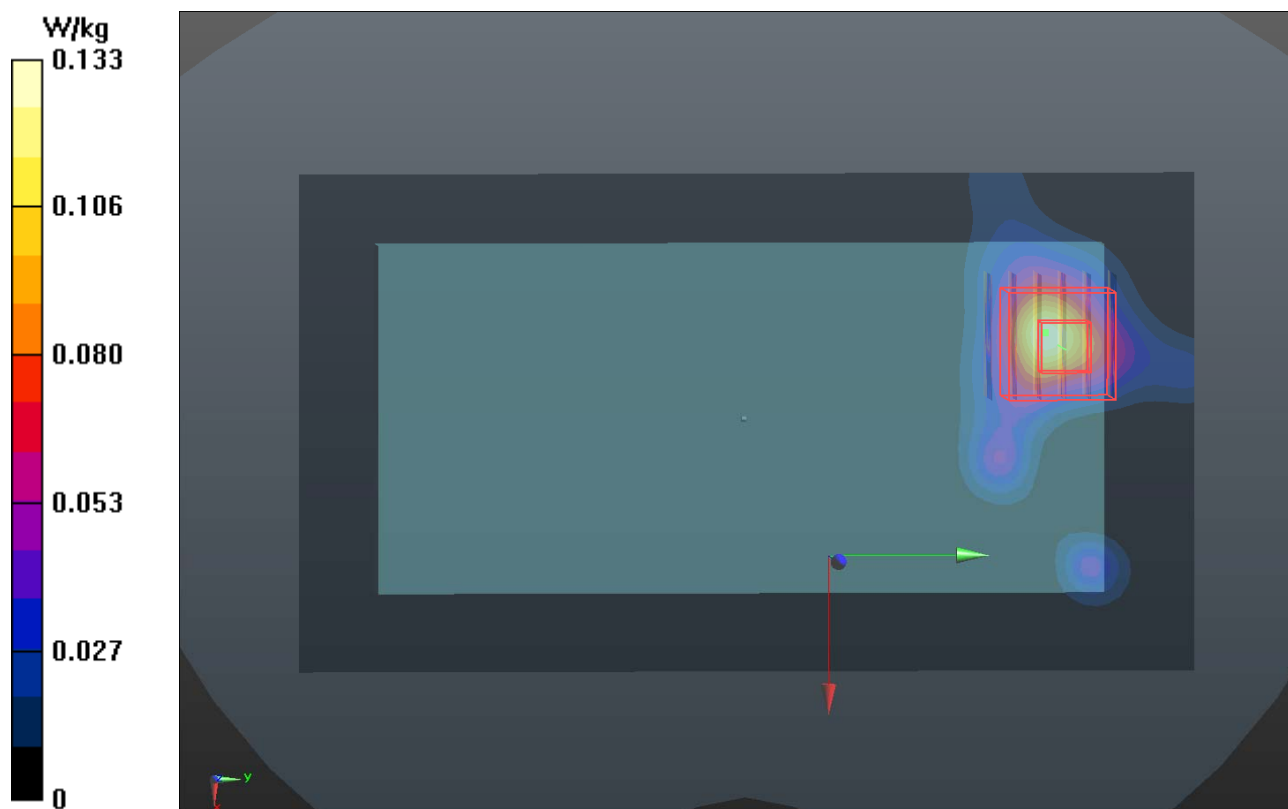
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=2$ mm

Reference Value = 0 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.187 W/kg

SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.016 W/kg

Maximum value of SAR (measured) = 0.0912 W/kg



P28 802.11n_HT20_Front Face_1cm_Ch157_Sample1**DUT: 131023C29**

Communication System: WLAN_5G; Frequency: 5785 MHz; Duty Cycle: 1:1.14

Medium: B5G_1227 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.088$ S/m; $\epsilon_r = 48.035$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(3.9, 3.9, 3.9); Calibrated: 2013/06/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2013/04/24
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (101x181x1):** Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.0294 W/kg

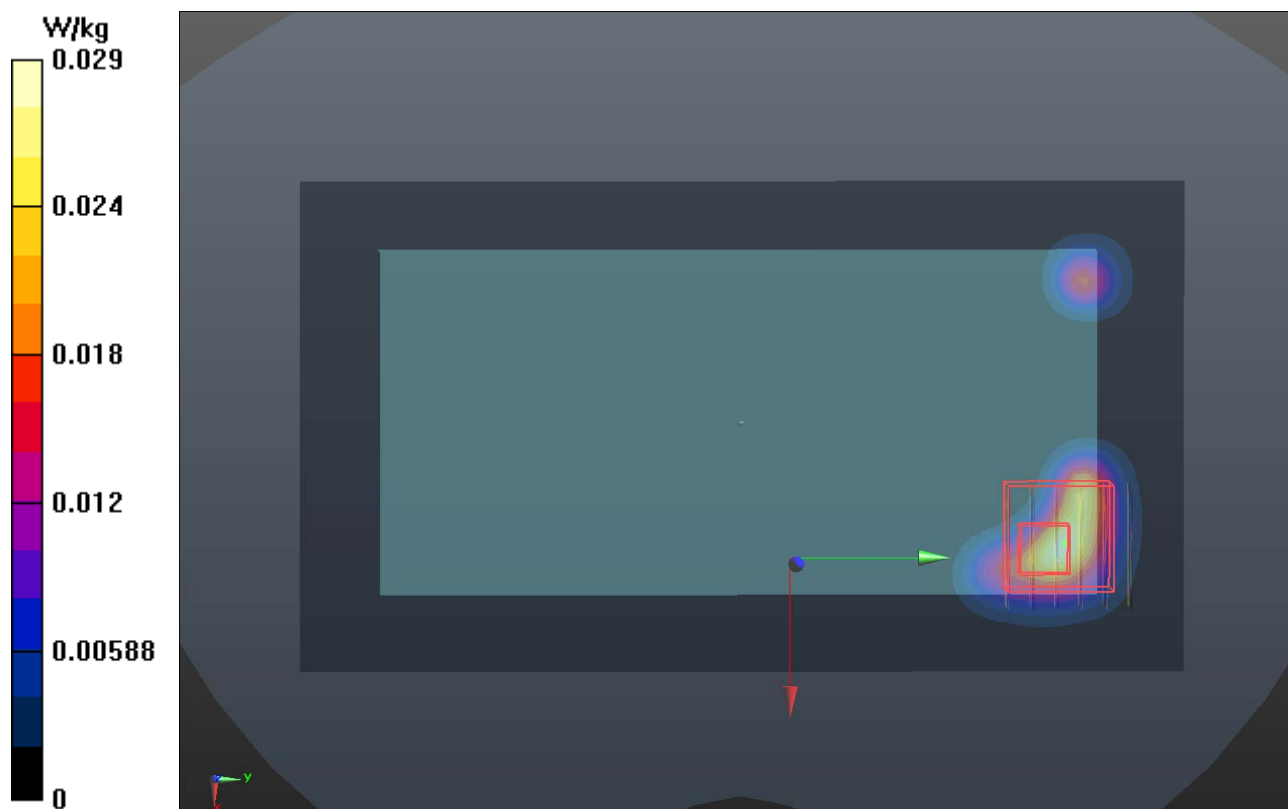
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=2$ mm

Reference Value = 0 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.129 W/kg

SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.00577 W/kg

Maximum value of SAR (measured) = 0.0350 W/kg



P29 GSM1900_GPRS12_Bottom Side_1cm_Ch810_Sample1_Ant0**DUT: 131023C29**

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

Medium: B1900_1217 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.583$ S/m; $\epsilon_r = 52.367$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.87, 7.87, 7.87); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (121x71x1):** Interpolated grid: $dx=0.4000$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.726 W/kg

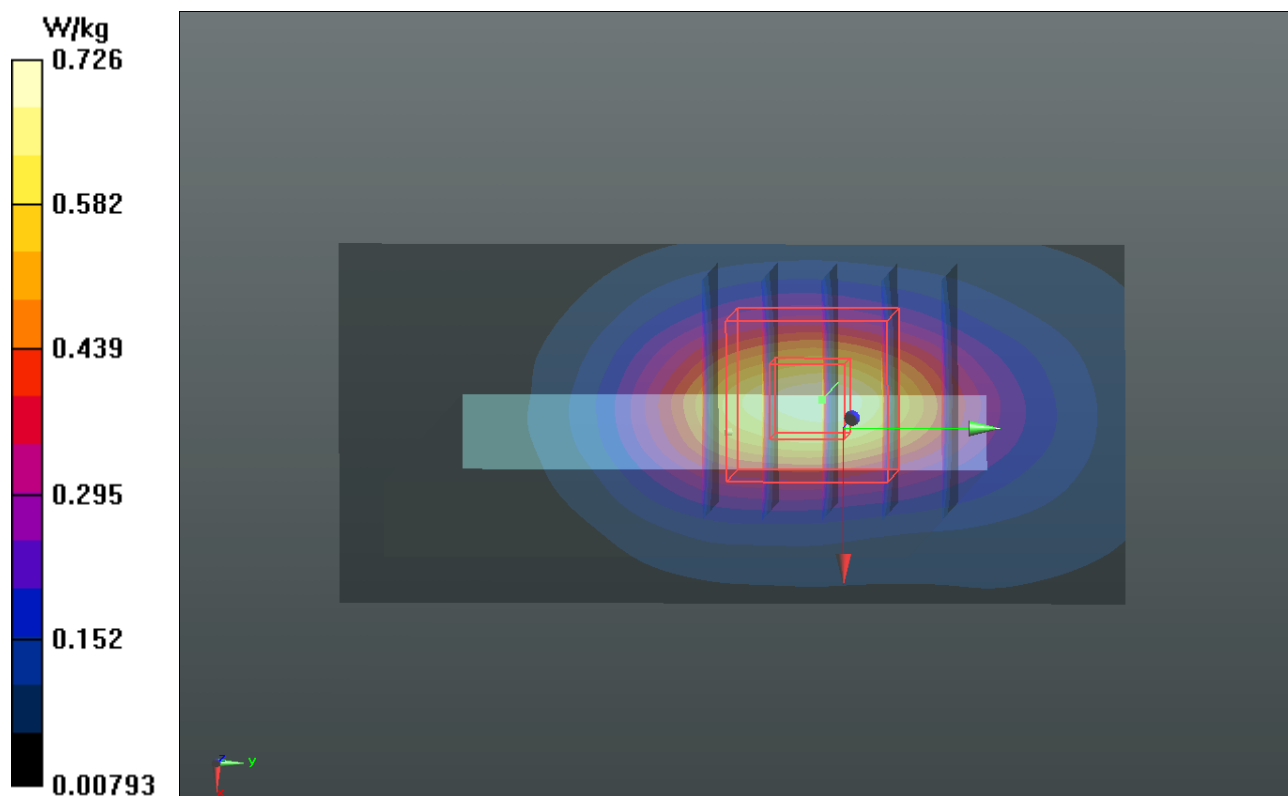
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.064 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.862 W/kg

SAR(1 g) = 0.506 W/kg; SAR(10 g) = 0.270 W/kg

Maximum value of SAR (measured) = 0.701 W/kg



P30 WCDMA II_RMC12.2K_Top Side_1cm_Ch9262_Sample1_Ant1**DUT: 131023C29**

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

Medium: B1900_1217 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.511$ S/m; $\epsilon_r = 52.612$; $\rho =$

1000 kg/m^3

Ambient Temperature : 21.5°C ; Liquid Temperature : 20.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.87, 7.87, 7.87); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (121x71x1): Interpolated grid: $dx=0.4000$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.326 W/kg

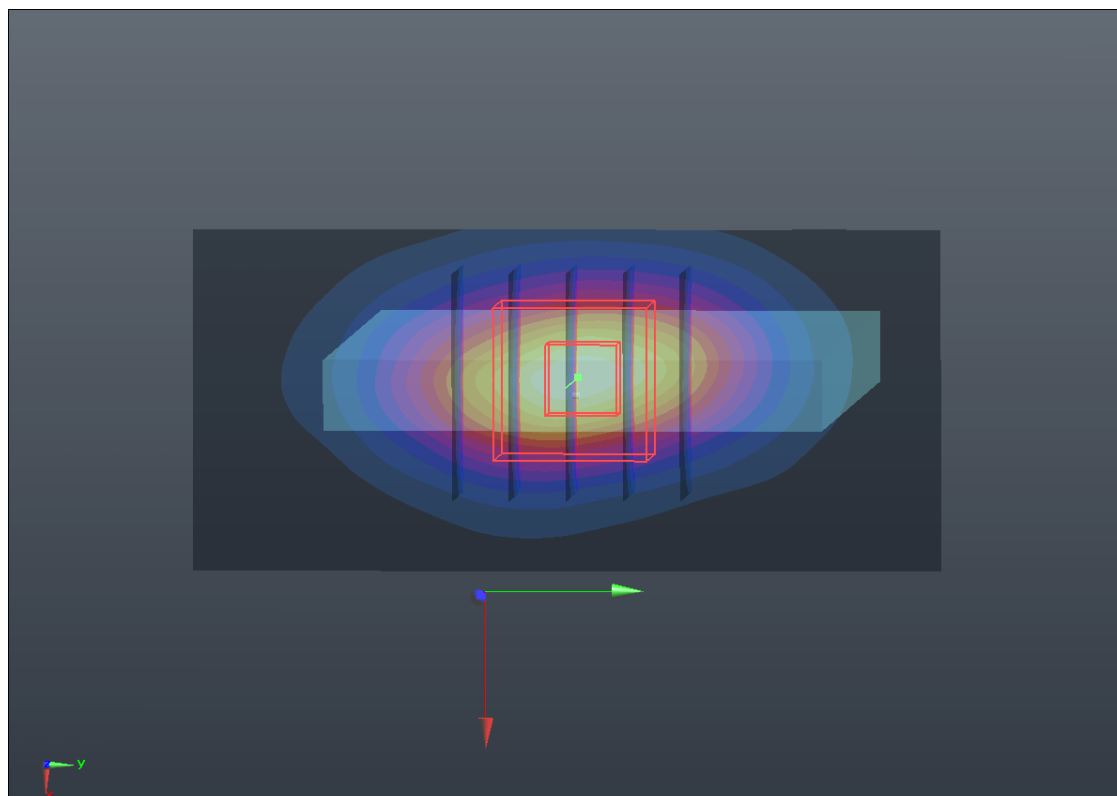
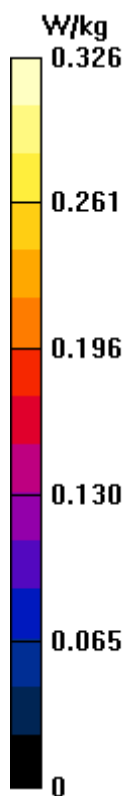
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.423 V/m ; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.382 W/kg

SAR(1 g) = 0.227 W/kg ; SAR(10 g) = 0.122 W/kg

Maximum value of SAR (measured) = 0.311 W/kg



P31 CDMA BC1_RTAP 153.6_Top Side_1cm_Ch1175_Sample1_Ant1**DUT: 131023C29**

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: B1900_1227 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.571$ S/m; $\epsilon_r = 53.432$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.87, 7.87, 7.87); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

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

Maximum value of SAR (interpolated) = 0.385 W/kg

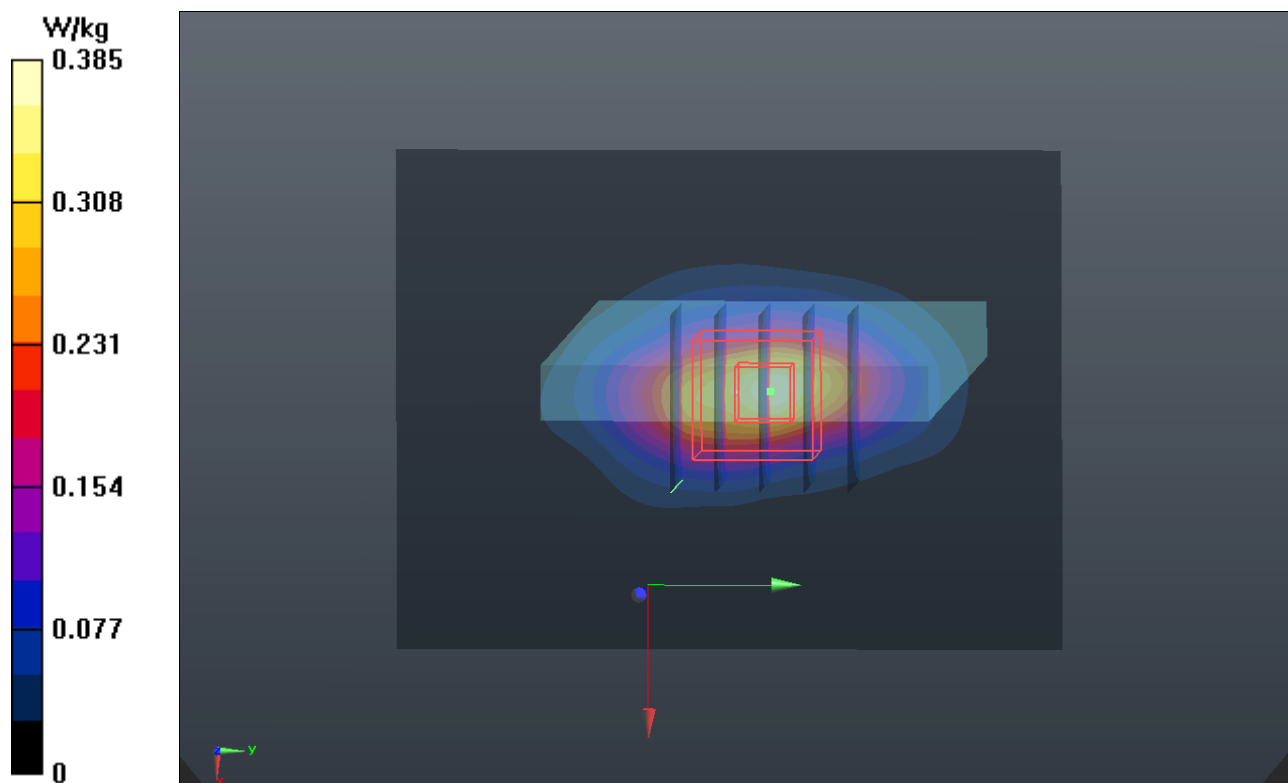
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.755 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.428 W/kg

SAR(1 g) = 0.257 W/kg; SAR(10 g) = 0.139 W/kg

Maximum value of SAR (measured) = 0.351 W/kg



P32 LTE 4_QPSK_20M_Top Side_1cm_Ch20300_Sample1_Ant1_1RB_OS50**DUT: 131023C29**

Communication System: LTE 4; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: B1750_1217 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.481$ S/m; $\epsilon_r = 52.145$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.1 °C; Liquid Temperature : 20.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.1, 8.1, 8.1); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (41x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.354 W/kg

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

Reference Value = 15.335 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.483 W/kg

SAR(1 g) = 0.297 W/kg; SAR(10 g) = 0.165 W/kg

Maximum value of SAR (measured) = 0.387 W/kg

