

P01 GSM850_GPRS10_Left Cheek_Ch189_Sample1_Ant0**DUT: 131023C25**

Communication System: GPRS10; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: H835_1221 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.891$ S/m; $\epsilon_r = 42.975$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.3 °C; Liquid Temperature : 20.7 °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 (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) = 0.543 W/kg

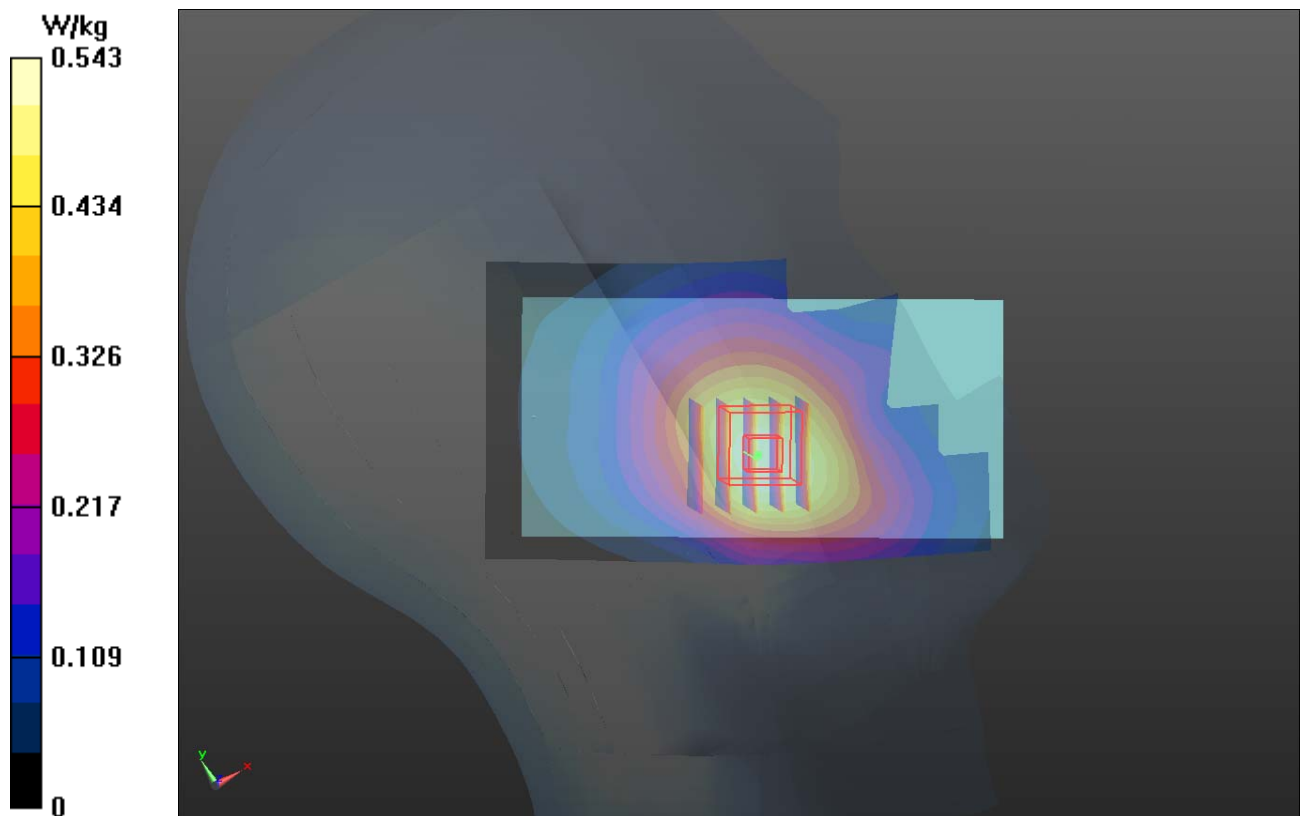
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.565 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.574 W/kg

SAR(1 g) = 0.467 W/kg; SAR(10 g) = 0.362 W/kg

Maximum value of SAR (measured) = 0.529 W/kg



P02 GSM1900_GPRS10_Right Cheek_Ch661_Sample1_Ant1**DUT: 131023C25**

Communication System: GPRS10; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: H1900_1221 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.377$ S/m; $\epsilon_r = 39.601$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.2 °C ; Liquid Temperature : 20.5 °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_Front; Type: SAM V4.0; Serial: TP 1485
- 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) = 1.19 W/kg

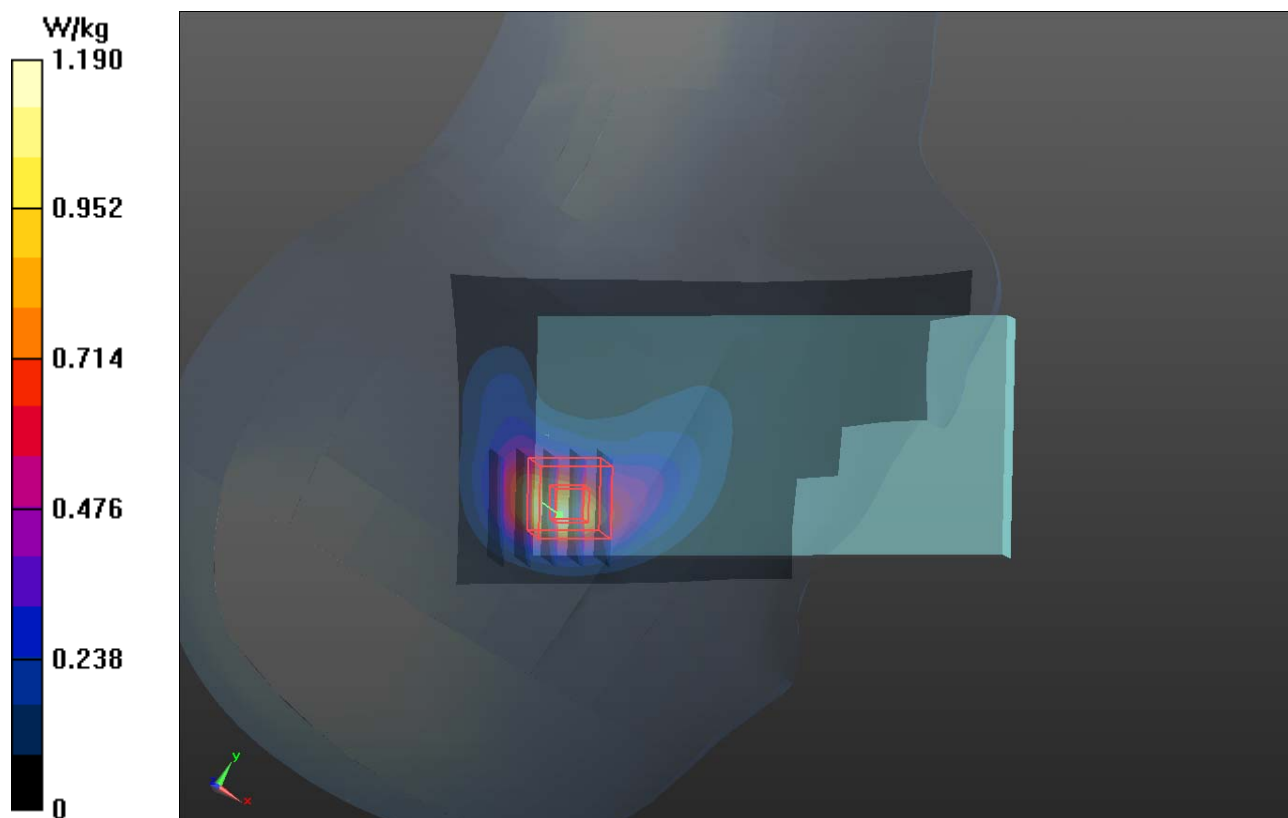
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.719 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.727 W/kg; SAR(10 g) = 0.377 W/kg

Maximum value of SAR (measured) = 0.954 W/kg



P03 WCDMA II_RMC12.2K_Right Cheek_Ch9400_Sample1_Ant1**DUT: 131023C25**

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

Medium: H1900_1206 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.377$ S/m; $\epsilon_r = 39.651$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.7 °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_Front; Type: SAM V4.0; Serial: TP 1485
- 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) = 1.26 W/kg

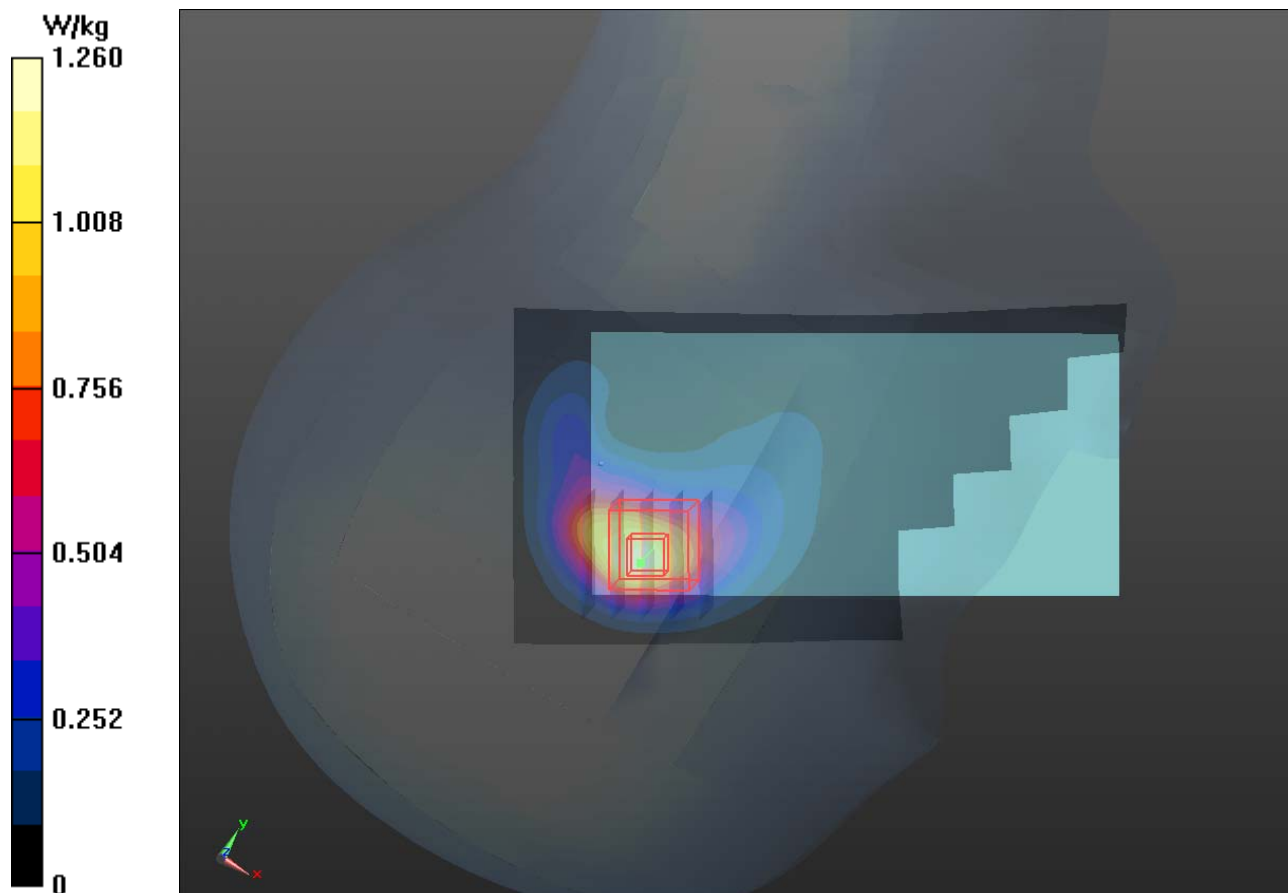
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.263 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.850 W/kg; SAR(10 g) = 0.441 W/kg

Maximum value of SAR (measured) = 1.14 W/kg



P04 WCDMA V_RMC12.2k_Left Cheek_Ch4233_Sample1_Ant0**DUT: 131023C25**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: H835_1205 Medium parameters used: $f = 847$ MHz; $\sigma = 0.901$ S/m; $\epsilon_r = 42.666$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.0 °C; Liquid Temperature : 20.6 °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 (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) = 0.359 W/kg

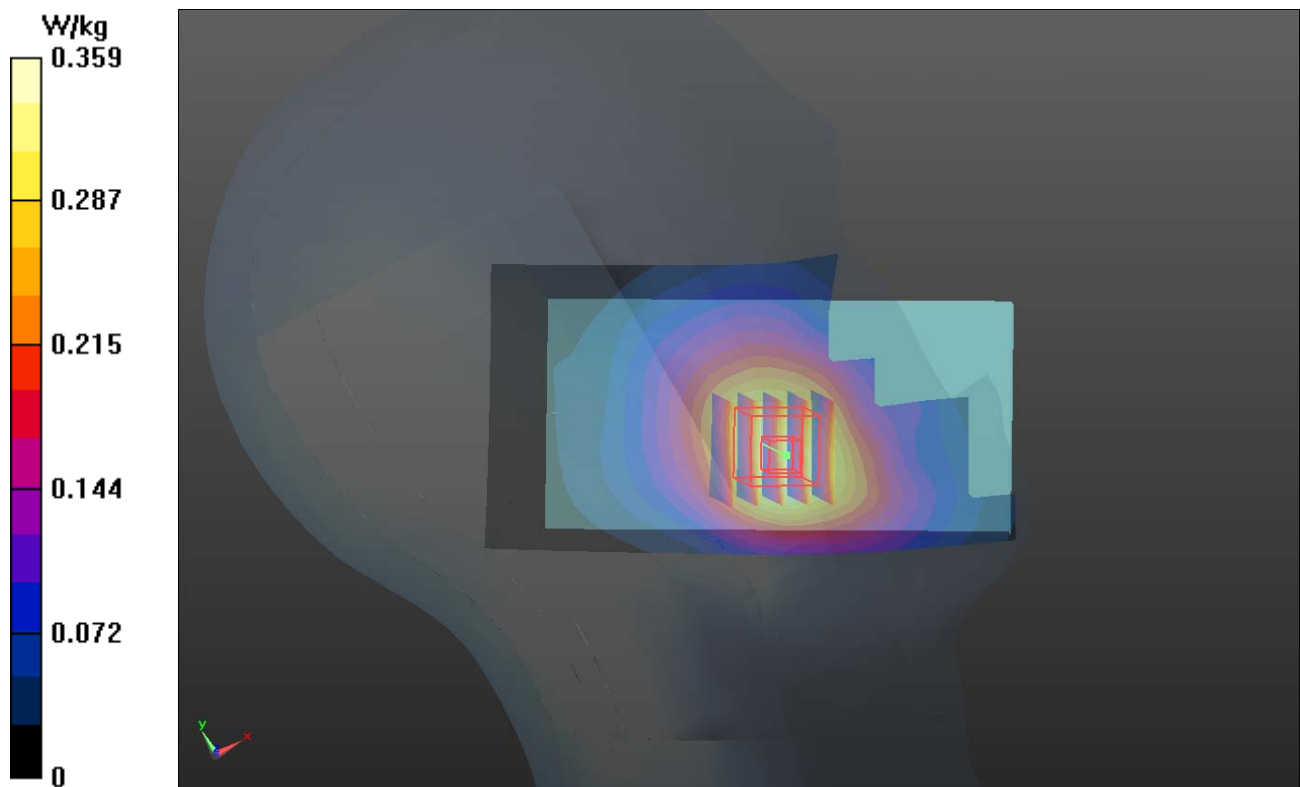
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.665 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.388 W/kg

SAR(1 g) = 0.311 W/kg; SAR(10 g) = 0.239 W/kg

Maximum value of SAR (measured) = 0.352 W/kg



P05 LTE 2_QPSK_10M_Right Cheek_Ch19150_Sample1_Ant1_1RB_OS49**DUT: 131023C25**

Communication System: LTE 2; Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: H1900_1206 Medium parameters used: $f = 1905$ MHz; $\sigma = 1.413$ S/m; $\epsilon_r = 39.522$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.7 °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_Front; Type: SAM V4.0; Serial: TP 1485
- 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) = 1.16 W/kg

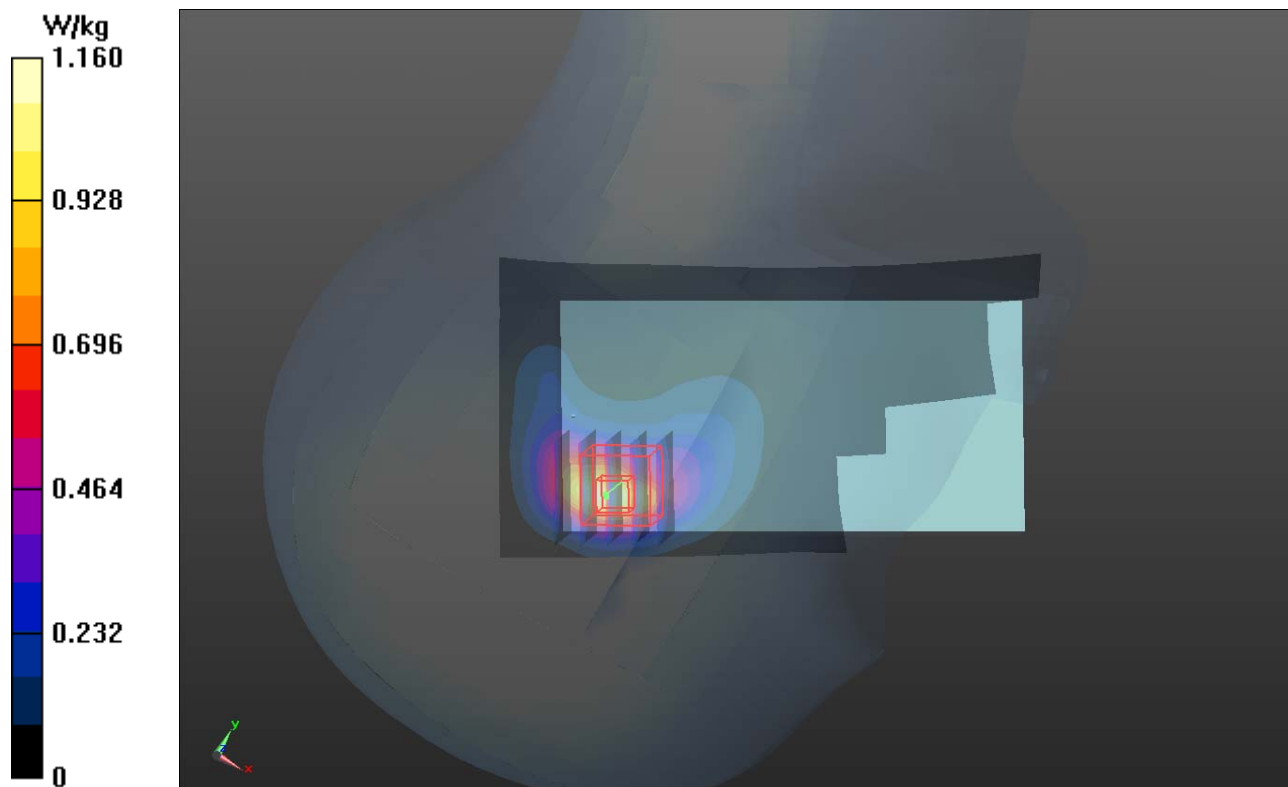
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.519 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.714 W/kg; SAR(10 g) = 0.370 W/kg

Maximum value of SAR (measured) = 0.973 W/kg



P06 LTE 4_QPSK_10M_Right Cheek_Ch20350_Sample1_Ant1_1RB_OS24**DUT: 131023C25**

Communication System: LTE 4; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: H1750_1206 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.356$ S/m; $\epsilon_r = 40.578$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C; Liquid Temperature : 20.3 °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_Front; Type: SAM V4.0; Serial: TP 1485
- 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) = 1.11 W/kg

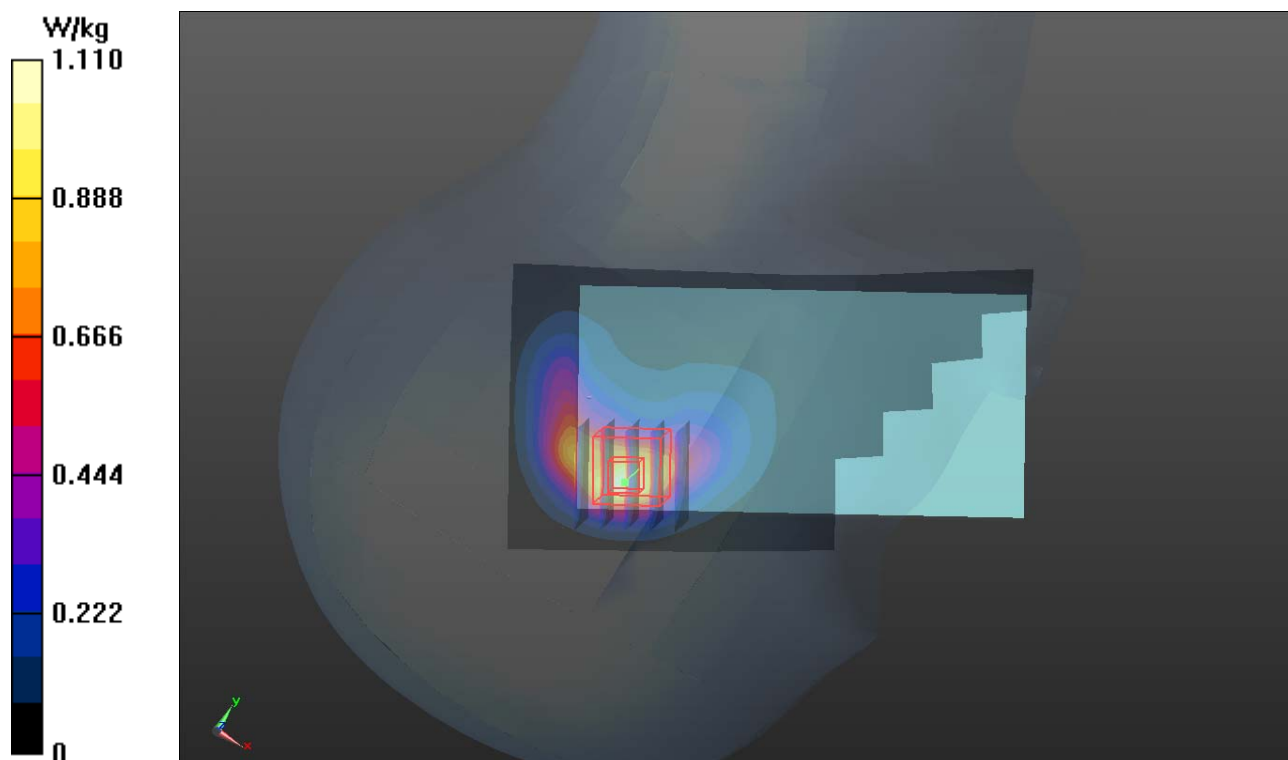
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.420 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.767 W/kg; SAR(10 g) = 0.399 W/kg

Maximum value of SAR (measured) = 1.01 W/kg



P07 LTE 5_QPSK_10M_Left Cheek_Ch20600_Sample1_Ant0_1RB_OS24**DUT: 131023C25**

Communication System: LTE 5; Frequency: 844 MHz; Duty Cycle: 1:1

Medium: H835_1205 Medium parameters used: $f = 844$ MHz; $\sigma = 0.898$ S/m; $\epsilon_r = 42.704$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.0 °C; Liquid Temperature : 20.6 °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 (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) = 0.278 W/kg

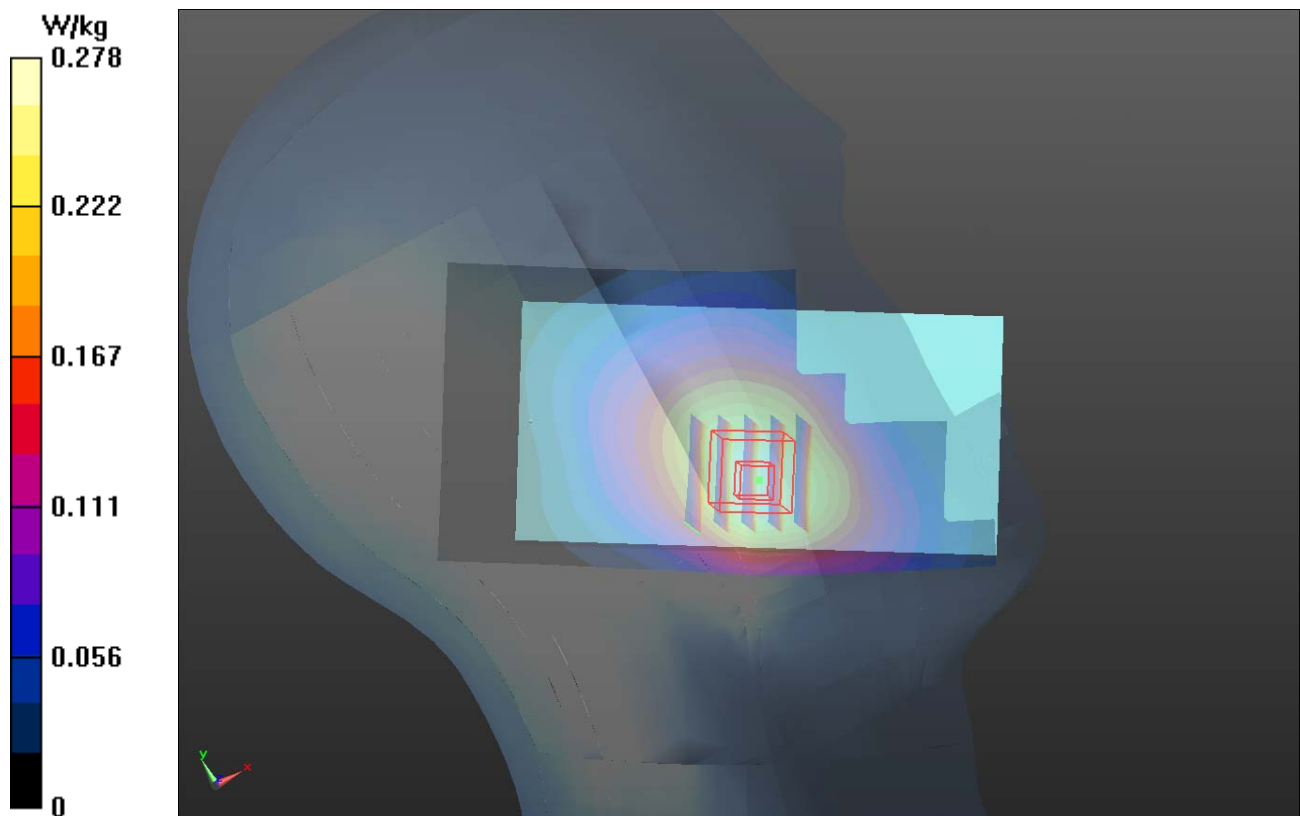
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.427 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.309 W/kg

SAR(1 g) = 0.249 W/kg; SAR(10 g) = 0.192 W/kg

Maximum value of SAR (measured) = 0.281 W/kg



P08 LTE 7_QPSK_20M_Left Cheek_Ch20850_Sample1_Ant0_1RB_OS50**DUT: 131023C25**

Communication System: LTE 7; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: H2600_1207 Medium parameters used: $f = 2510$ MHz; $\sigma = 1.948$ S/m; $\epsilon_r = 38.348$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.1 °C; Liquid Temperature : 20.2 °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 (71x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.864 W/kg

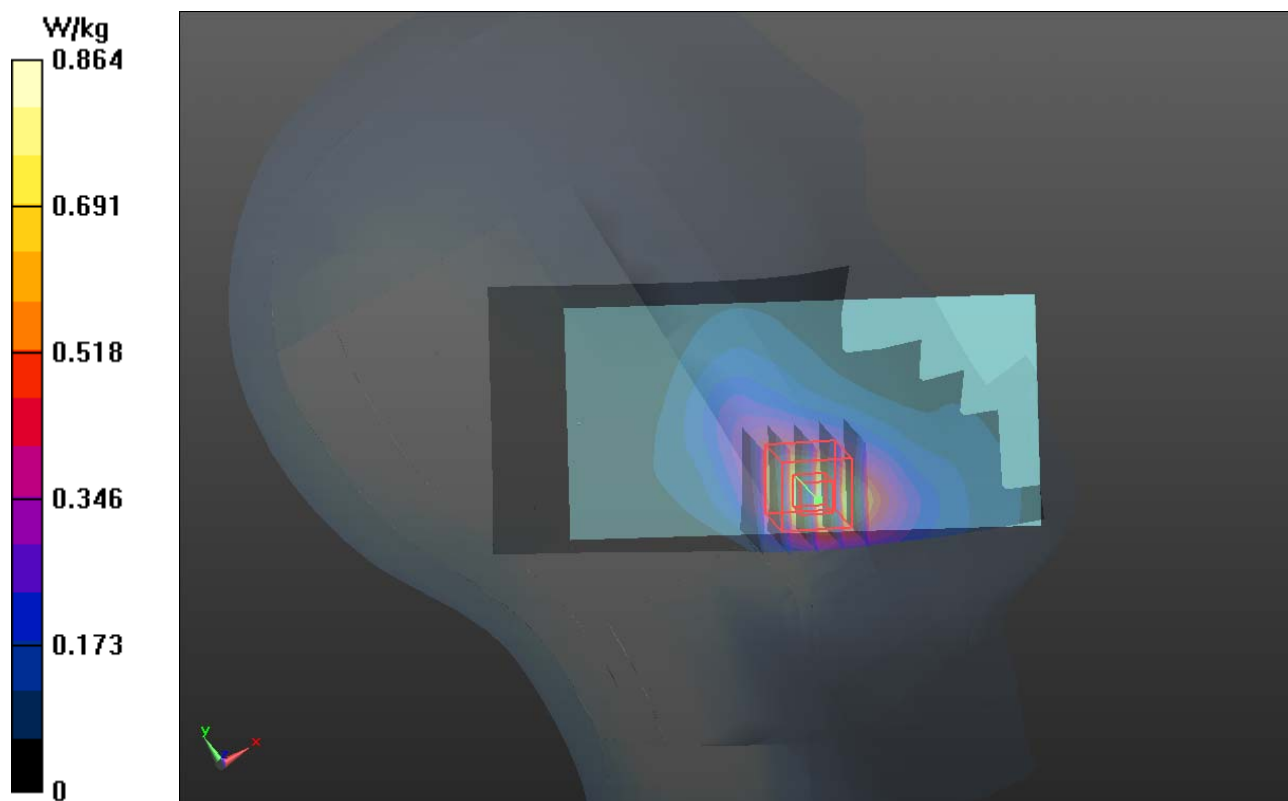
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.180 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.557 W/kg; SAR(10 g) = 0.297 W/kg

Maximum value of SAR (measured) = 0.788 W/kg



P09 LTE 17_QPSK_10M_Right Cheek_Ch23800_Sample1_Ant1_1RB_OS24**DUT: 131023C25**

Communication System: LTE 17; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: H750_1205 Medium parameters used: $f = 711$ MHz; $\sigma = 0.857$ S/m; $\epsilon_r = 42.067$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(10.41, 10.41, 10.41); 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) = 0.770 W/kg

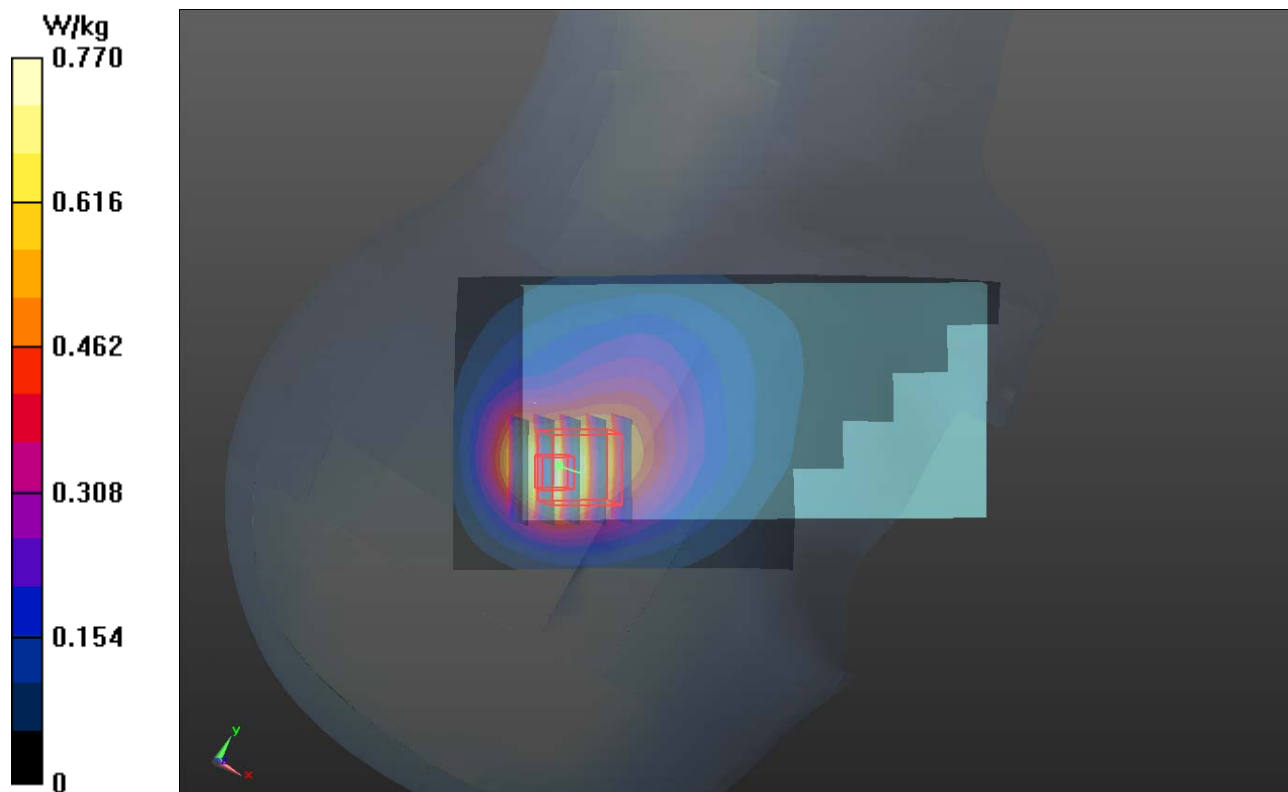
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.401 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.954 W/kg

SAR(1 g) = 0.598 W/kg; SAR(10 g) = 0.398 W/kg

Maximum value of SAR (measured) = 0.729 W/kg



P10 802.11b_Left Cheek_Ch1_Sample1**DUT: 131023C25**

Communication System: WLAN_2.4G; Frequency: 2412 MHz; Duty Cycle: 1:1.02

Medium: H2450_1207 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.743$ S/m; $\epsilon_r = 39.849$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.47, 7.47, 7.47); 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 (71x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.05 W/kg

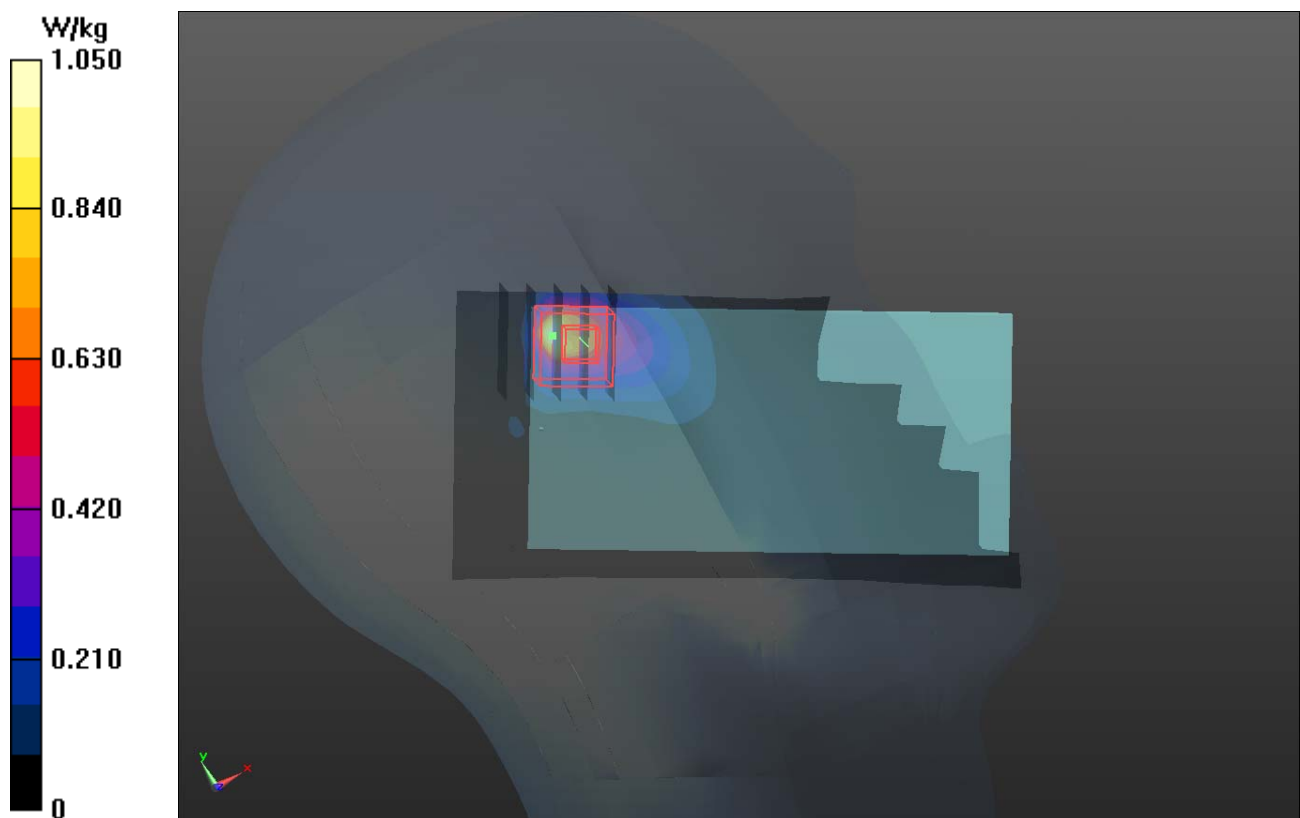
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.126 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.937 W/kg

SAR(1 g) = 0.453 W/kg; SAR(10 g) = 0.200 W/kg

Maximum value of SAR (measured) = 0.657 W/kg



P11 802.11n_HT20_Left Cheek_Ch40_Sample1**DUT: 131023C25**

Communication System: WLAN_5G; Frequency: 5200 MHz; Duty Cycle: 1:1.17

Medium: H5G_1207 Medium parameters used: $f = 5200$ MHz; $\sigma = 4.834$ S/m; $\epsilon_r = 36.086$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.3°C; Liquid Temperature : 20.7 °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 (81x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.15 W/kg

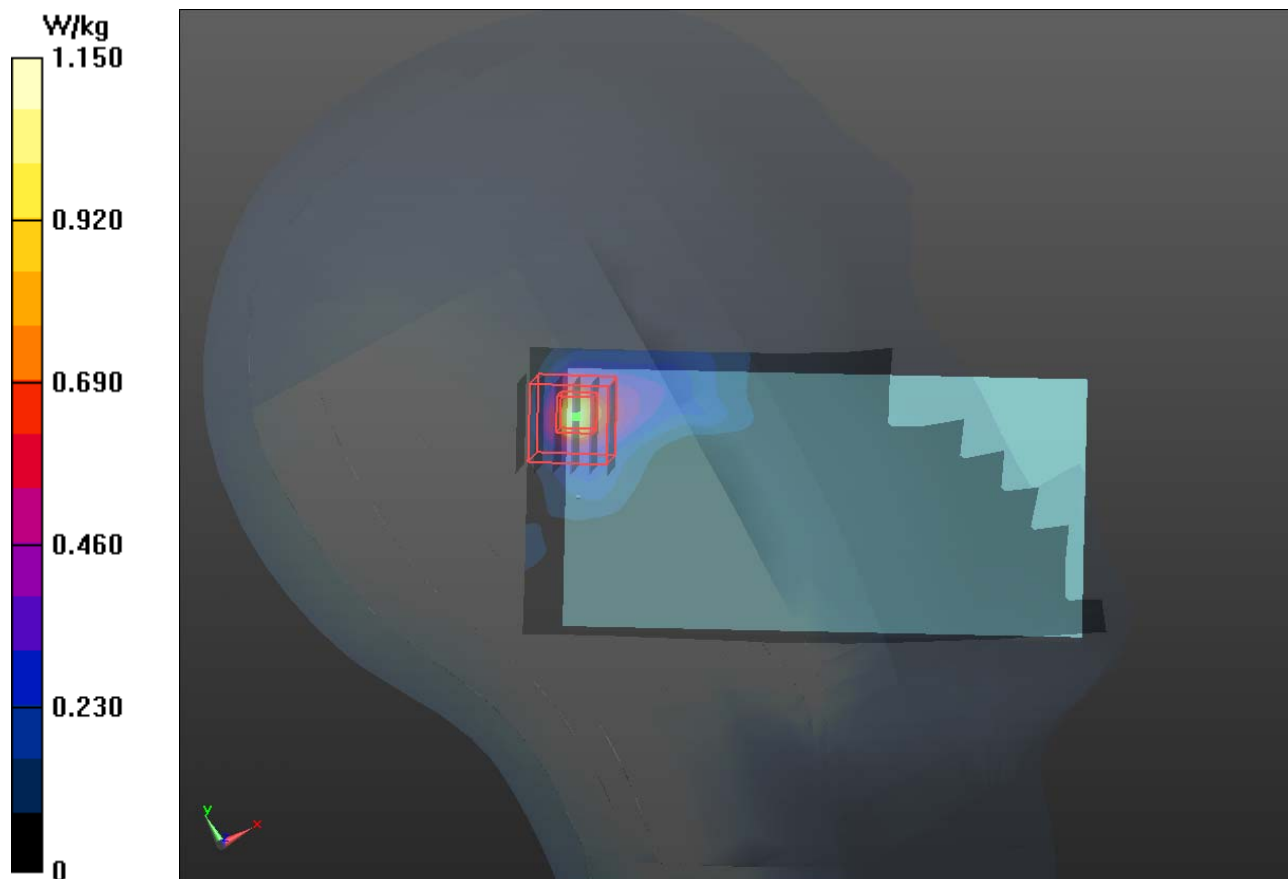
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 7.659 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.17 W/kg

SAR(1 g) = 0.523 W/kg; SAR(10 g) = 0.154 W/kg

Maximum value of SAR (measured) = 1.09 W/kg



P12 802.11n_HT20_Left Cheek_Ch60_Sample1**DUT: 131023C25**

Communication System: WLAN_5G; Frequency: 5300 MHz; Duty Cycle: 1:1.17

Medium: H5G_1207 Medium parameters used: $f = 5300$ MHz; $\sigma = 4.948$ S/m; $\epsilon_r = 35.91$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.3°C; Liquid Temperature : 20.7 °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 (81x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.04 W/kg

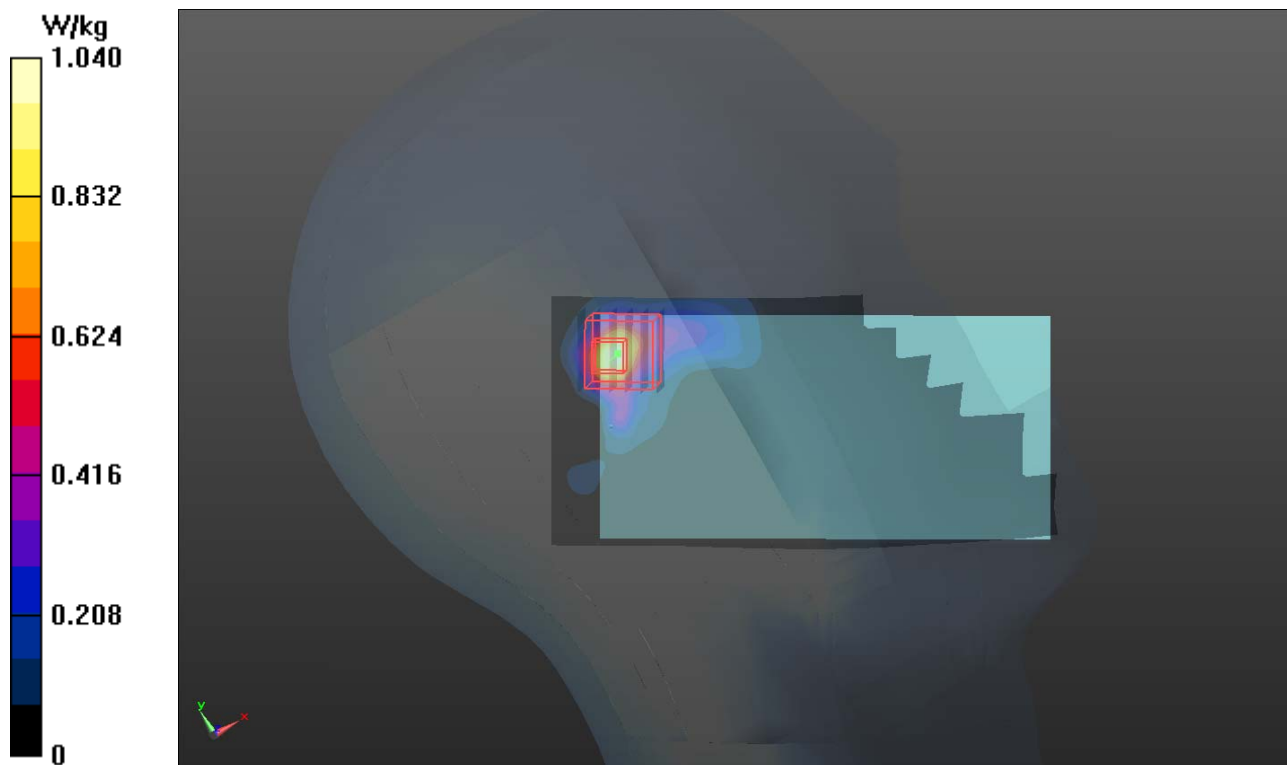
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 8.647 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.13 W/kg

SAR(1 g) = 0.505 W/kg; SAR(10 g) = 0.166 W/kg

Maximum value of SAR (measured) = 1.04 W/kg



P13 802.11n_HT20_Left Cheek_Ch100_Sample1**DUT: 131023C25**

Communication System: WLAN_5G; Frequency: 5500 MHz; Duty Cycle: 1:1.17

Medium: H5G_1208 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.122$ S/m; $\epsilon_r = 34.86$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.1°C; Liquid Temperature : 20.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(4.96, 4.96, 4.96); 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 (81x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.21 W/kg

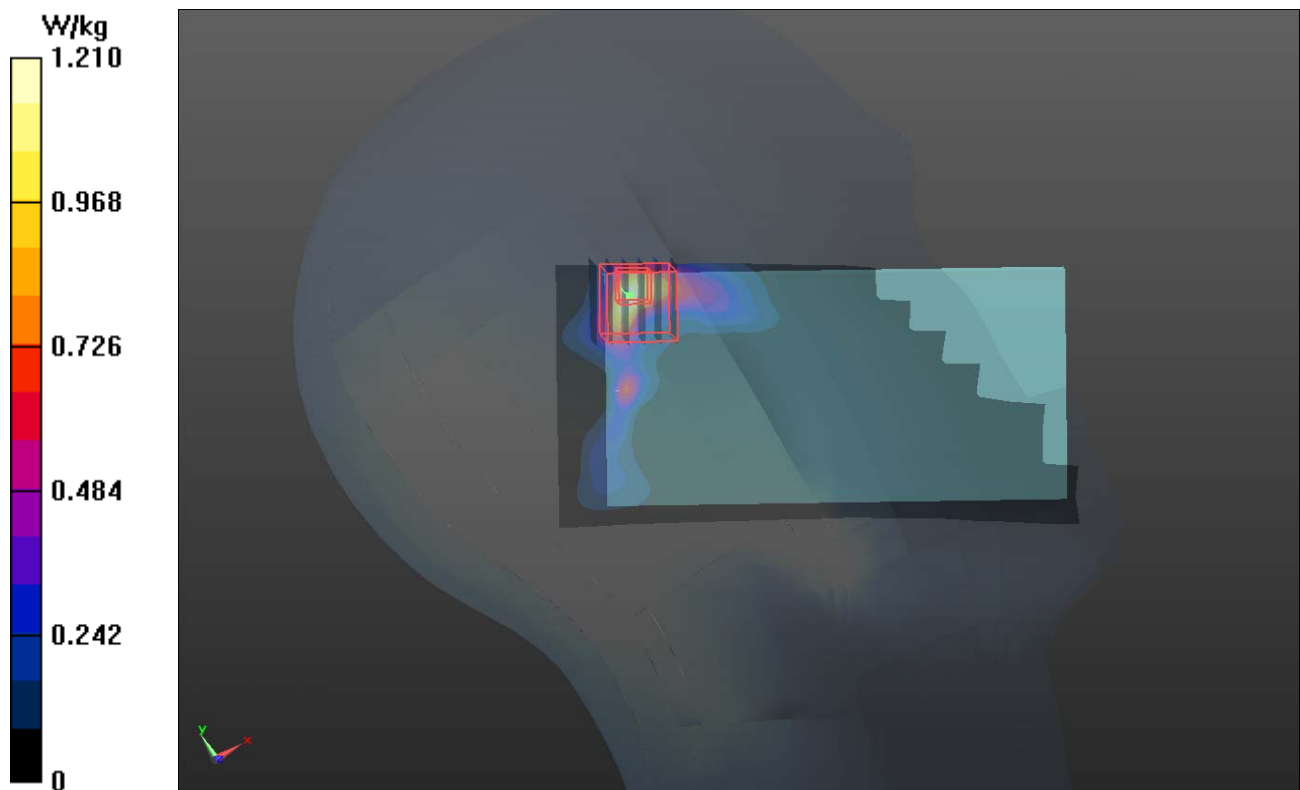
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 11.589 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.69 W/kg

SAR(1 g) = 0.582 W/kg; SAR(10 g) = 0.196 W/kg

Maximum value of SAR (measured) = 1.20 W/kg



P14 802.11n_HT20_Left Cheek_Ch157_Sample1**DUT: 131023C25**

Communication System: WLAN_5G; Frequency: 5785 MHz; Duty Cycle: 1:1.17

Medium: H5G_1208 Medium parameters used: $f = 5785$ MHz; $\sigma = 5.429$ S/m; $\epsilon_r = 34.435$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.1°C; Liquid Temperature : 20.4 °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 (81x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.497 W/kg

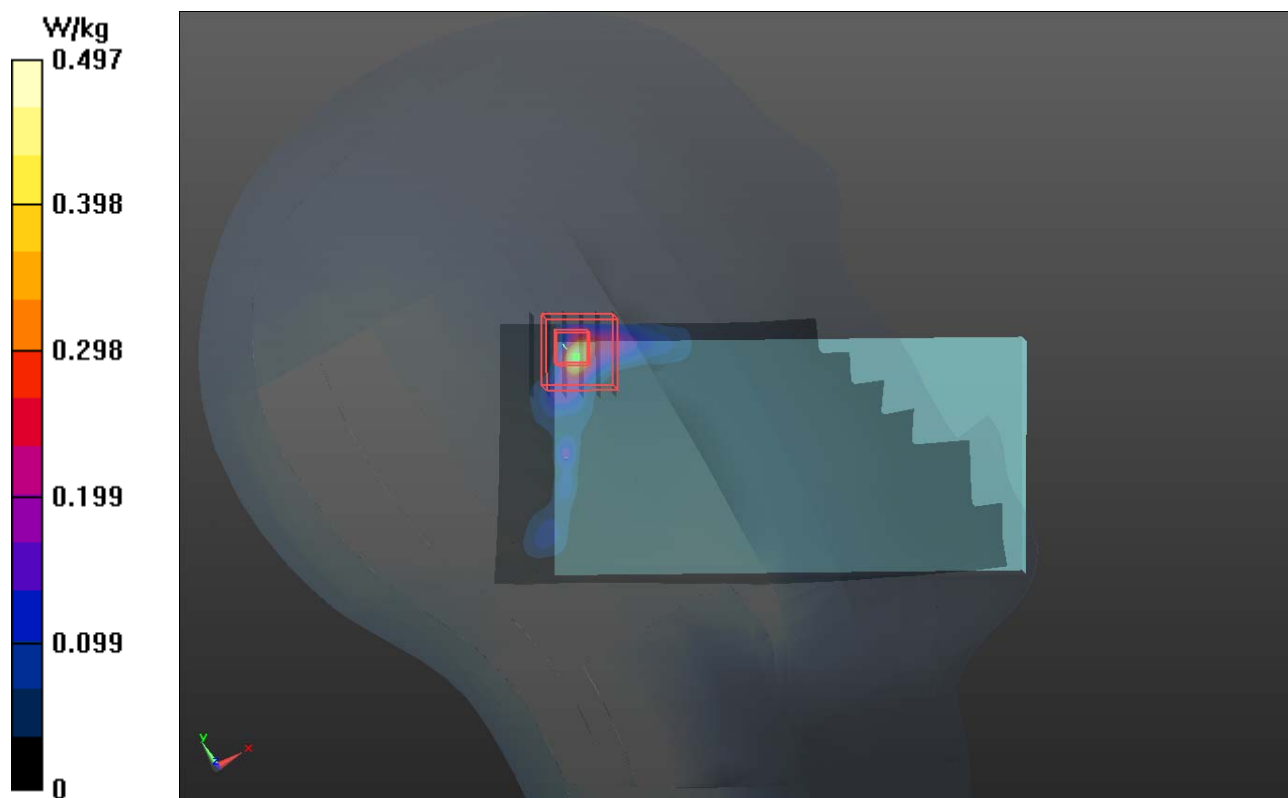
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 5.663 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.784 W/kg

SAR(1 g) = 0.143 W/kg; SAR(10 g) = 0.041 W/kg

Maximum value of SAR (measured) = 0.346 W/kg



P15 GSM850_GPRS10_Rear Face_1cm_Ch189_Sample1_Ant0**DUT: 131023C25**

Communication System: GPRS10; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: B835_1221 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.974$ S/m; $\epsilon_r = 54.039$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.0 °C; Liquid Temperature : 20.3 °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: 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) = 0.977 W/kg

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

Reference Value = 26.458 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.831 W/kg; SAR(10 g) = 0.602 W/kg

Maximum value of SAR (measured) = 0.980 W/kg

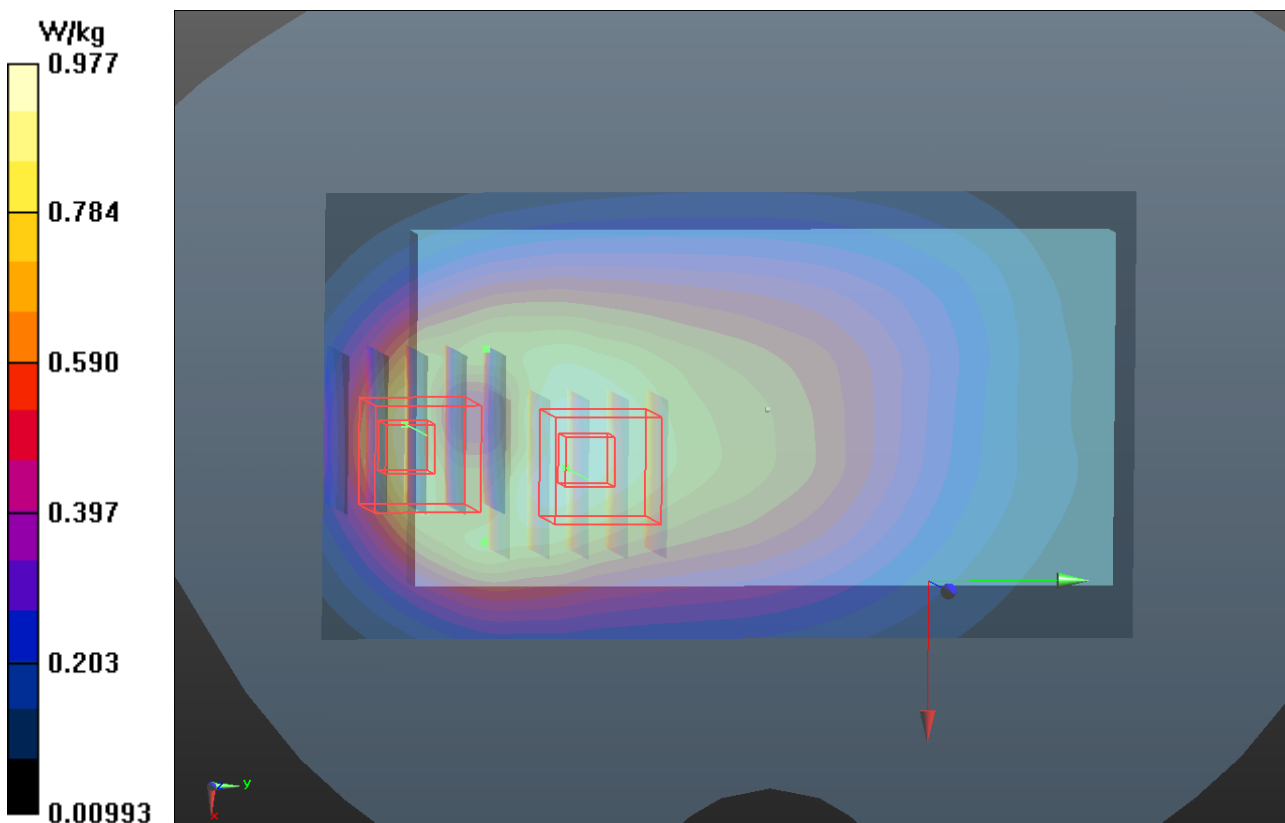
- Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.458 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.663 W/kg; SAR(10 g) = 0.399 W/kg

Maximum value of SAR (measured) = 0.902 W/kg



P16 GSM1900_GPRS10_Rear Face_1cm_Ch661_Sample1_Ant0**DUT: 131023C25**

Communication System: GPRS10; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: B1900_1221 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.528$ S/m; $\epsilon_r = 51.909$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.1 °C; Liquid Temperature : 20.4 °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 (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) = 0.500 W/kg

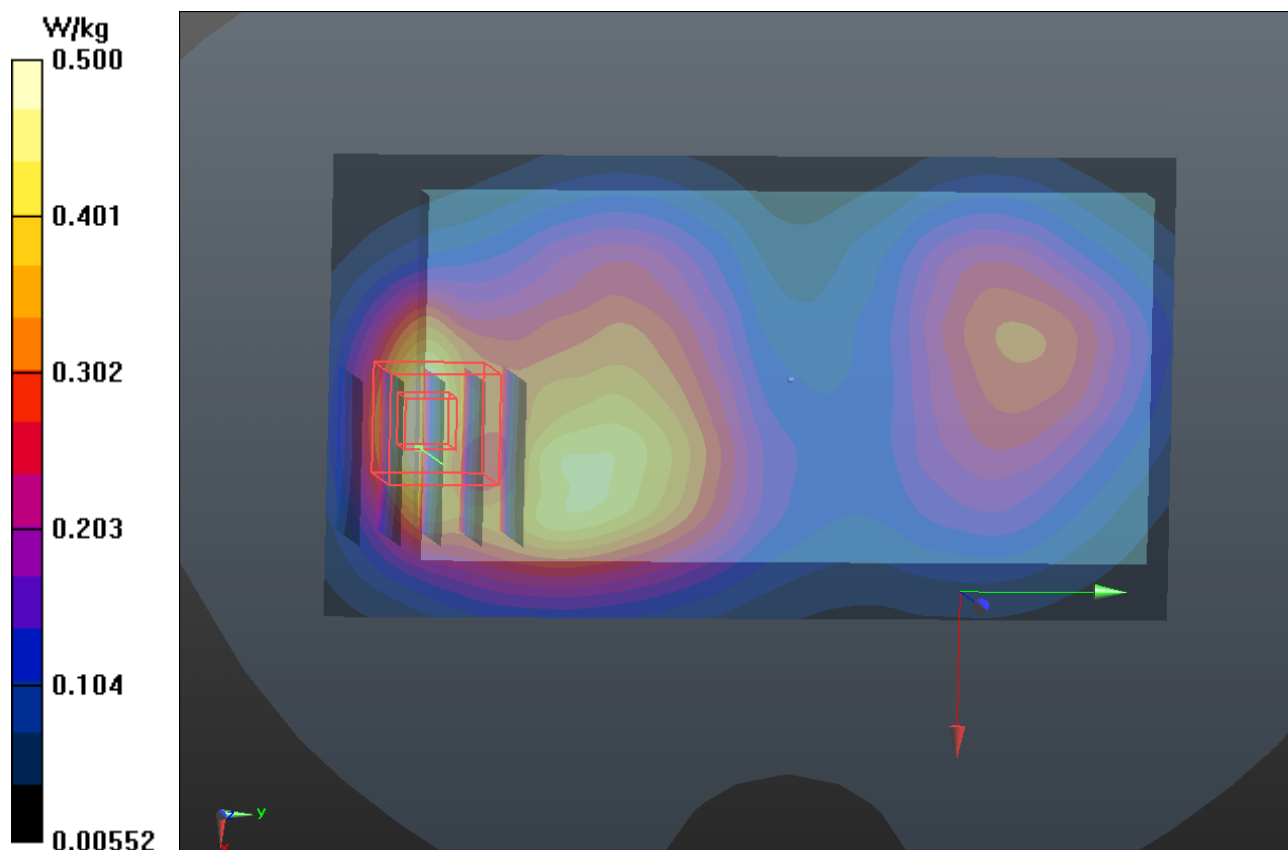
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.515 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.643 W/kg

SAR(1 g) = 0.376 W/kg; SAR(10 g) = 0.211 W/kg

Maximum value of SAR (measured) = 0.518 W/kg



P17 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9400_Sample1_Ant0**DUT: 131023C25**

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

Medium: B1900_1203 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.525$ S/m; $\epsilon_r = 52.016$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.1 °C ; Liquid Temperature : 20.3 °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) = 0.856 W/kg

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

Reference Value = 10.908 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.619 W/kg; SAR(10 g) = 0.344 W/kg

Maximum value of SAR (measured) = 0.866 W/kg

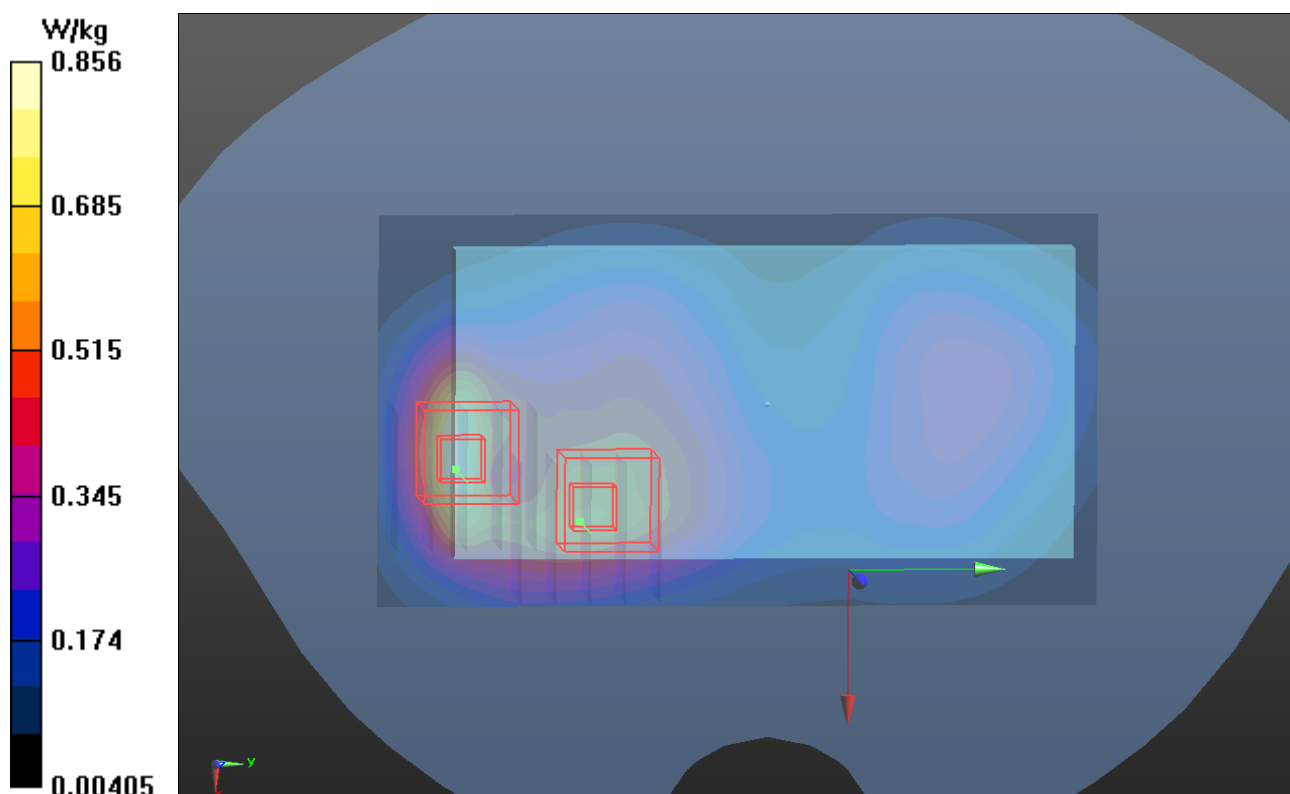
- Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.908 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.759 W/kg

SAR(1 g) = 0.498 W/kg; SAR(10 g) = 0.318 W/kg

Maximum value of SAR (measured) = 0.632 W/kg



P18 WCDMA V_RMC12.2K_Rear Face_1cm_Ch4233_Sample1_Ant0**DUT: 131023C25**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: B835_1205 Medium parameters used: $f = 847$ MHz; $\sigma = 0.99$ S/m; $\epsilon_r = 54.537$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.1 °C; Liquid Temperature : 20.3 °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 (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.661 W/kg

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

Reference Value = 22.401 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.839 W/kg

SAR(1 g) = 0.629 W/kg; SAR(10 g) = 0.449 W/kg

Maximum value of SAR (measured) = 0.747 W/kg

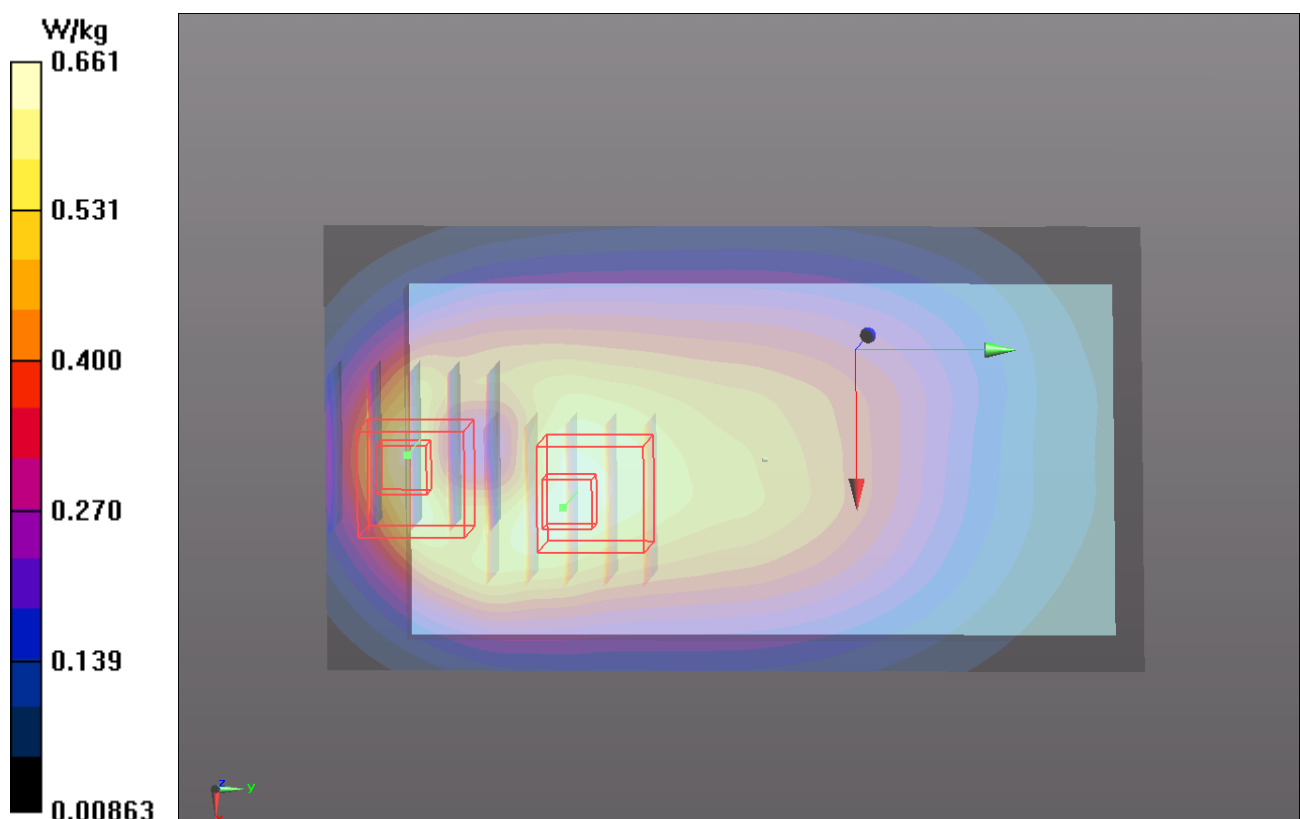
- Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.401 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.984 W/kg

SAR(1 g) = 0.575 W/kg; SAR(10 g) = 0.340 W/kg

Maximum value of SAR (measured) = 0.802 W/kg



P19 LTE 2_QPSK_10M_Rear Face_1cm_Ch19150_Sample1_Ant0_1RB_OS49**DUT: 131023C25**

Communication System: LTE 2; Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: B1900_1203 Medium parameters used: $f = 1905$ MHz; $\sigma = 1.558$ S/m; $\epsilon_r = 51.941$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.1 °C; Liquid Temperature : 20.3 °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 (61x121x1):** Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.896 W/kg

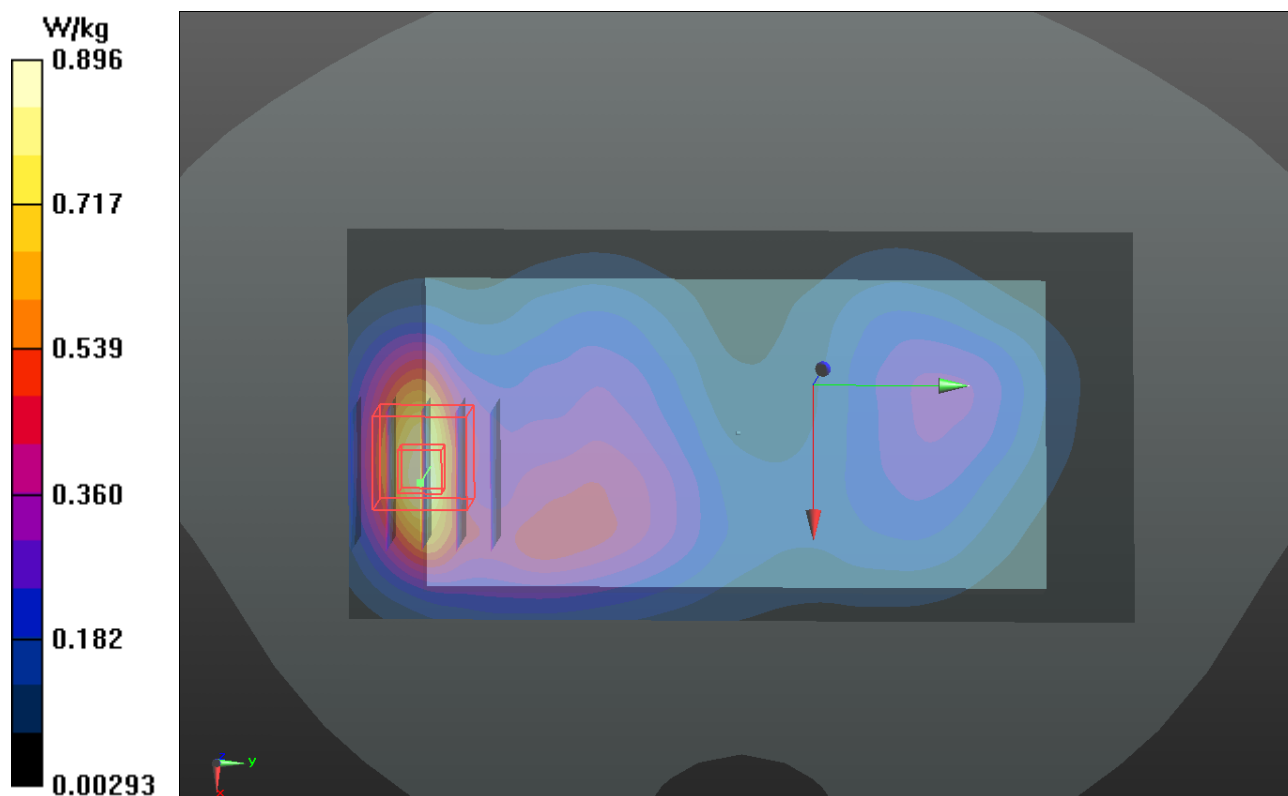
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.468 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.628 W/kg; SAR(10 g) = 0.340 W/kg

Maximum value of SAR (measured) = 0.877 W/kg



P20 LTE 4_QPSK_10M_Rear Face_1cm_Ch20350_Sample1_Ant0_1RB_OS24**DUT: 131023C25**

Communication System: LTE 4; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: B1750_1203 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.487$ S/m; $\epsilon_r = 52.082$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.1 °C; Liquid Temperature : 20.3 °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) = 0.750 W/kg

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

Reference Value = 8.599 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.837 W/kg

SAR(1 g) = 0.534 W/kg; SAR(10 g) = 0.319 W/kg

Maximum value of SAR (measured) = 0.705 W/kg

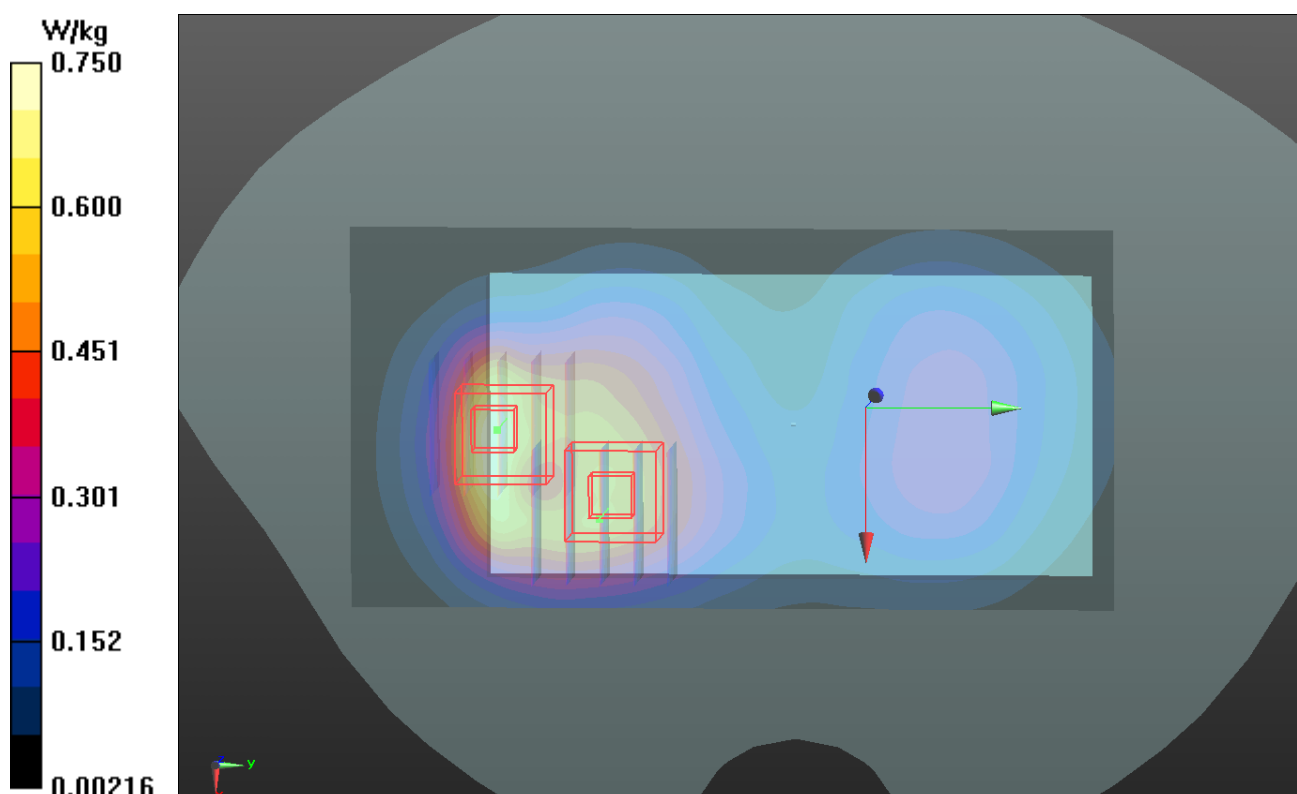
- Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.599 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.664 W/kg

SAR(1 g) = 0.447 W/kg; SAR(10 g) = 0.290 W/kg

Maximum value of SAR (measured) = 0.558 W/kg



P21 LTE 5_QPSK_10M_Rear Face_1cm_Ch20600_Sample1_Ant0_1RB_OS24**DUT: 131023C25**

Communication System: LTE 5; Frequency: 844 MHz; Duty Cycle: 1:1

Medium: B835_1204 Medium parameters used: $f = 844$ MHz; $\sigma = 0.981$ S/m; $\epsilon_r = 53.803$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.2 °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 (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

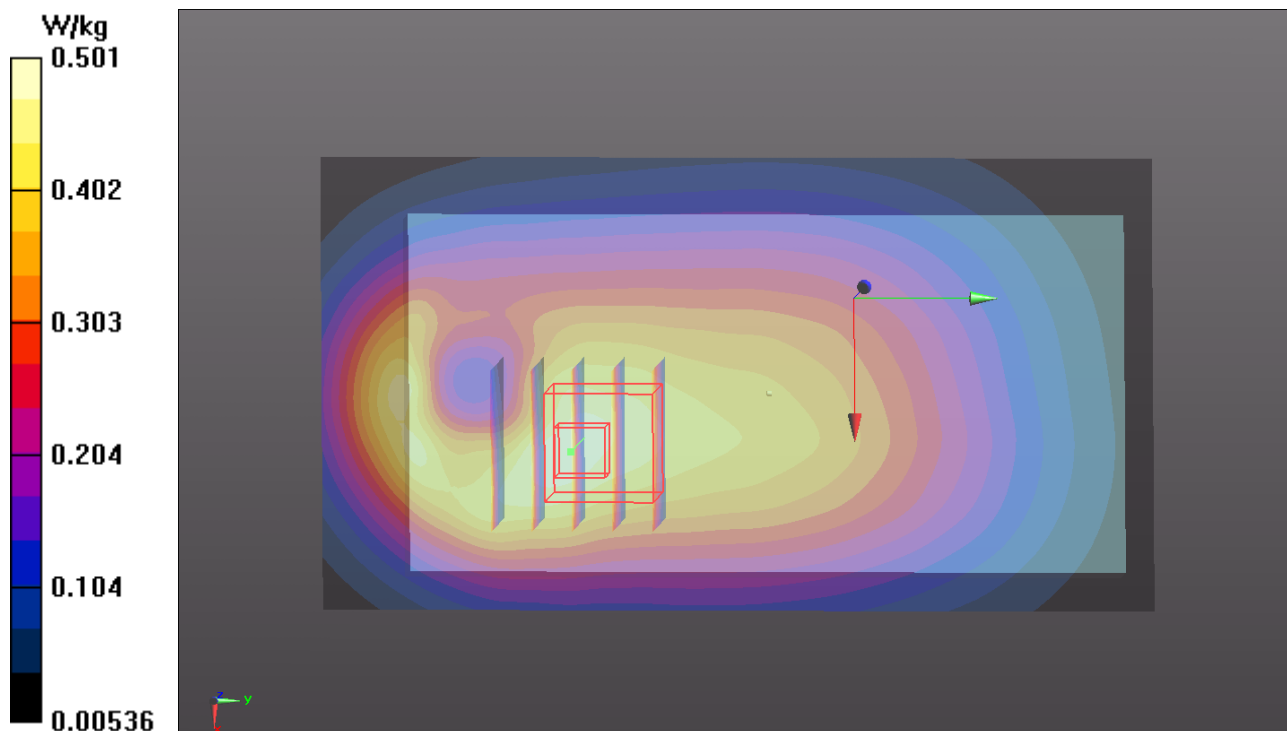
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.859 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.544 W/kg

SAR(1 g) = 0.419 W/kg; SAR(10 g) = 0.306 W/kg

Maximum value of SAR (measured) = 0.492 W/kg



P22 LTE 7_QPSK_20M_Front Face_1cm_Ch20850_Sample1_Ant0_1RB_OS50**DUT: 131023C25**

Communication System: LTE 7; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: B2600_1202 Medium parameters used: $f = 2510$ MHz; $\sigma = 2.068$ S/m; $\epsilon_r = 52.324$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °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)
- 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 (71x131x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.652 W/kg

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

Reference Value = 9.664 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.817 W/kg

SAR(1 g) = 0.438 W/kg; SAR(10 g) = 0.233 W/kg

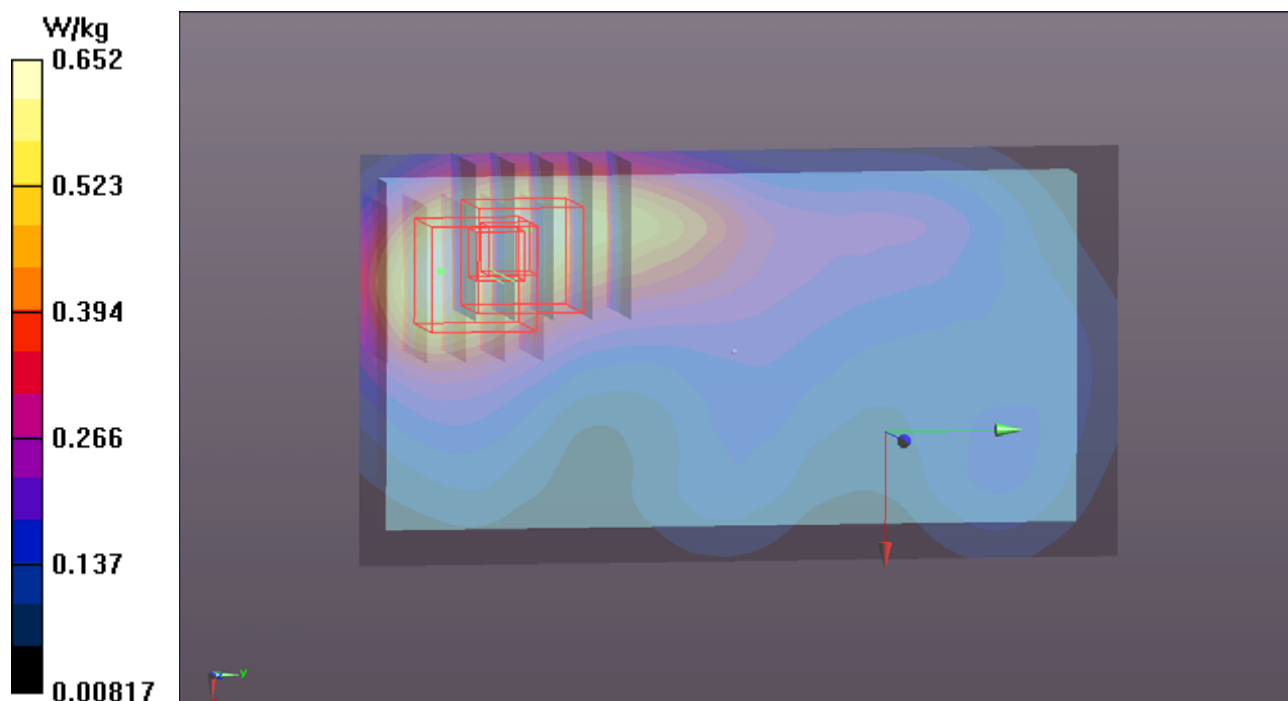
Maximum value of SAR (measured) = 0.592 W/kg

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

Reference Value = 9.664 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.810 W/kg

SAR(1 g) = 0.436 W/kg; SAR(10 g) = 0.243 W/kg



P23 LTE 17_QPSK_10M_Rear Face_1cm_Ch23800_Sample1_Ant1_1RB_OS24**DUT: 131023C25**

Communication System: LTE 17; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: B750_1205 Medium parameters used: $f = 711$ MHz; $\sigma = 0.934$ S/m; $\epsilon_r = 55.557$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.8 °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 mm, dy=1.500 mm

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

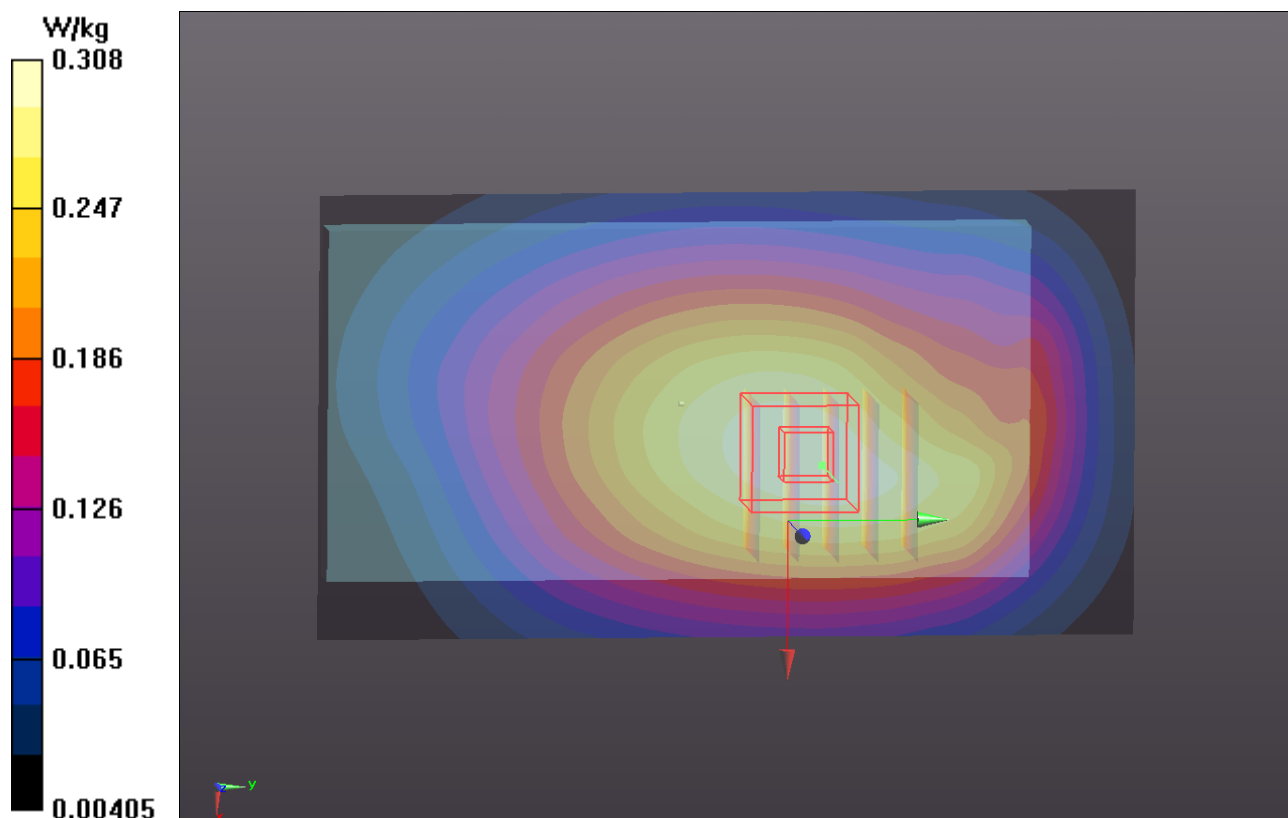
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.441 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.330 W/kg

SAR(1 g) = 0.272 W/kg; SAR(10 g) = 0.213 W/kg

Maximum value of SAR (measured) = 0.307 W/kg



P24 802.11b_Front Face_1cm_Ch1_Sample1**DUT: 131023C25**

Communication System: WLAN_2.4G; Frequency: 2412 MHz; Duty Cycle: 1:1.02

Medium: B2450_1202 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.932$ S/m; $\epsilon_r = 51.578$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.4, 7.4, 7.4); 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 (71x131x1):** Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.193 W/kg

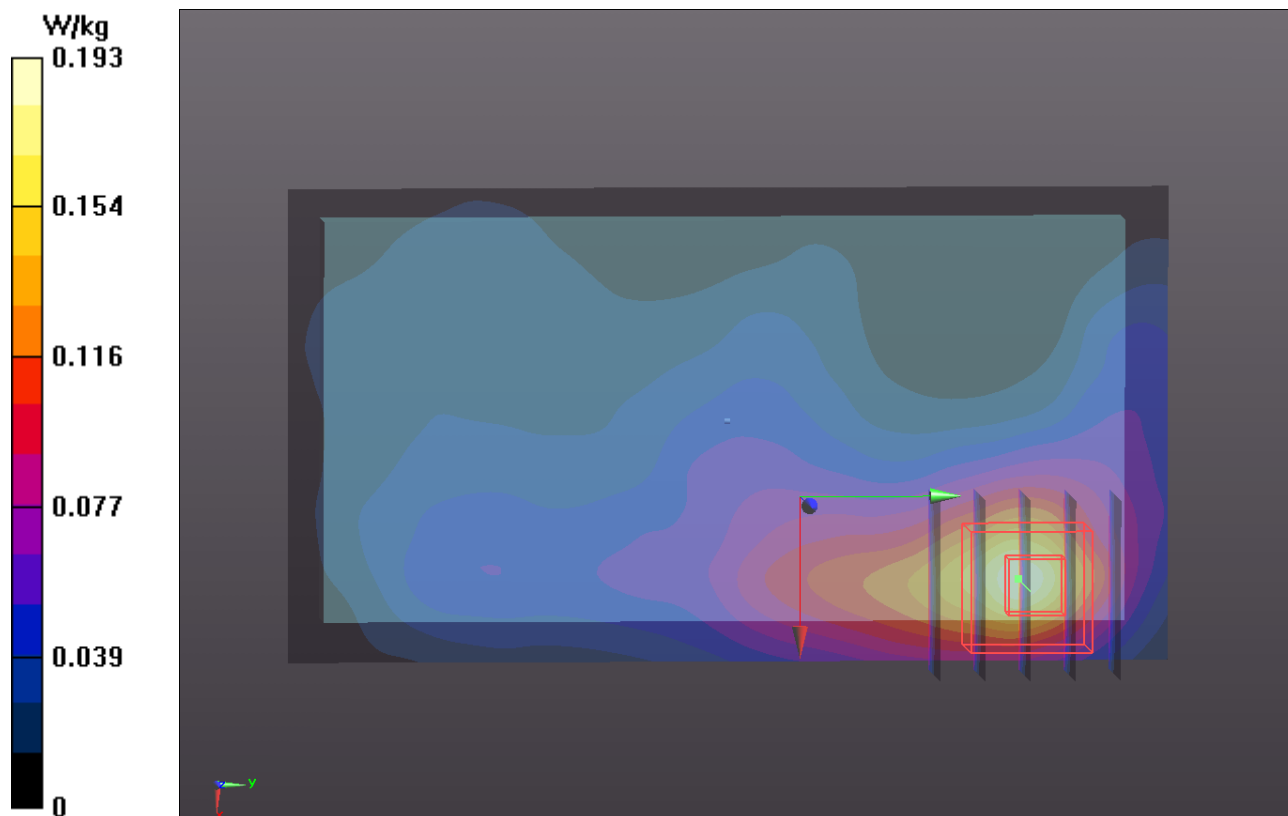
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.729 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.206 W/kg

SAR(1 g) = 0.115 W/kg; SAR(10 g) = 0.061 W/kg

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



P25 802.11a_Rear Face_1cm_Ch44_Sample1**DUT: 131023C25**

Communication System: WLAN_5G; Frequency: 5220 MHz; Duty Cycle: 1:1.17

Medium: B5G_1209 Medium parameters used: $f = 5220$ MHz; $\sigma = 5.446$ S/m; $\epsilon_r = 47.768$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.2°C; Liquid Temperature : 20.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(4.49, 4.49, 4.49); 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 (81x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0346 W/kg

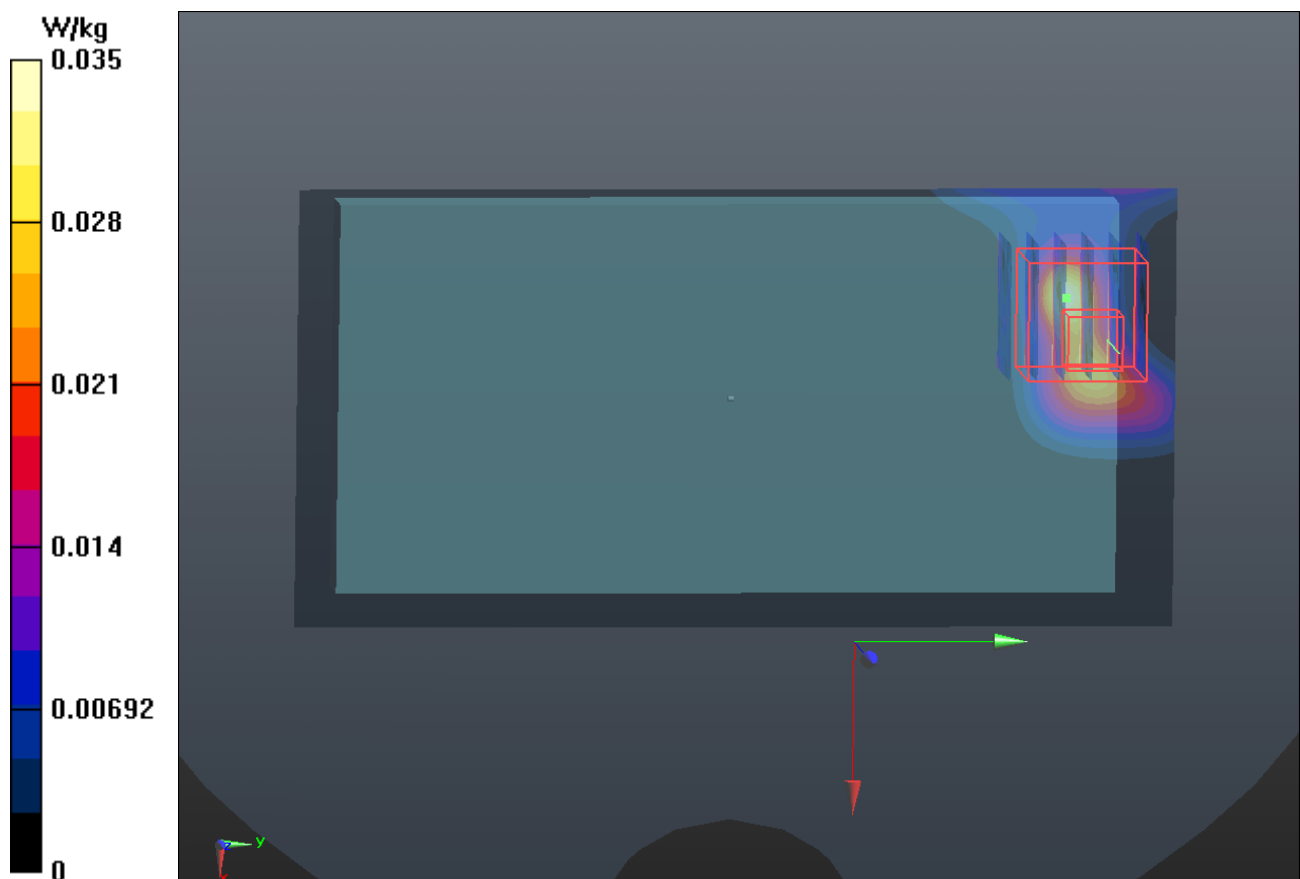
- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 0.963 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.114 W/kg

SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.00655 W/kg

Maximum value of SAR (measured) = 0.0502 W/kg



P26 802.11a_Front Face_1cm_Ch64_Sample1**DUT: 131023C25**

Communication System: WLAN_5G; Frequency: 5320 MHz; Duty Cycle: 1:1.17

Medium: B5G_1209 Medium parameters used: $f = 5320$ MHz; $\sigma = 5.584$ S/m; $\epsilon_r = 47.56$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.2°C; Liquid Temperature : 20.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(4.01, 4.01, 4.01); 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 (81x161x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.0594 W/kg

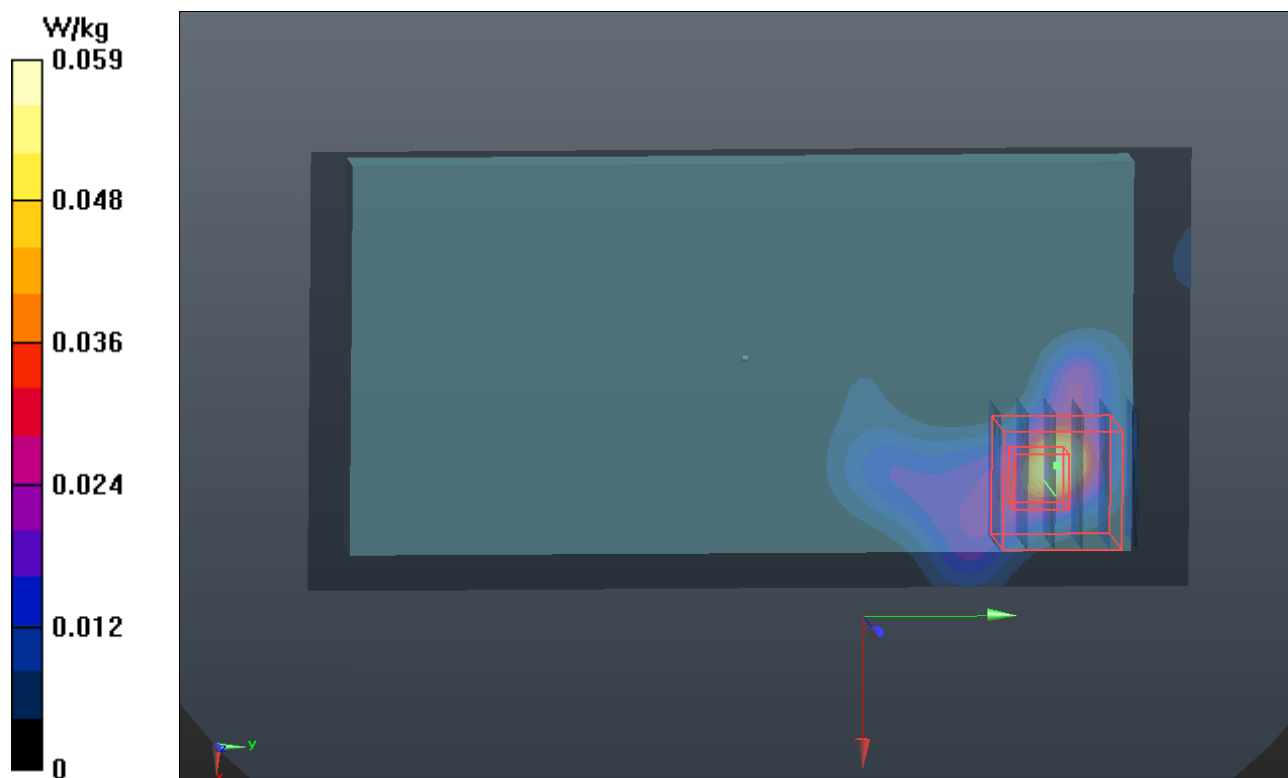
- Zoom Scan (6x6x12)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=2$ mm

Reference Value = 1.088 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.0700 W/kg

SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.00602 W/kg

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



P27 802.11n_HT20_Front Face_1cm_Ch100_Sample1**DUT: 131023C25**

Communication System: WLAN_5G; Frequency: 5500 MHz; Duty Cycle: 1:1.17

Medium: B5G_1209 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.751$ S/m; $\epsilon_r = 46.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.2°C; Liquid Temperature : 20.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(3.9, 3.9, 3.9); 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 (81x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0230 W/kg

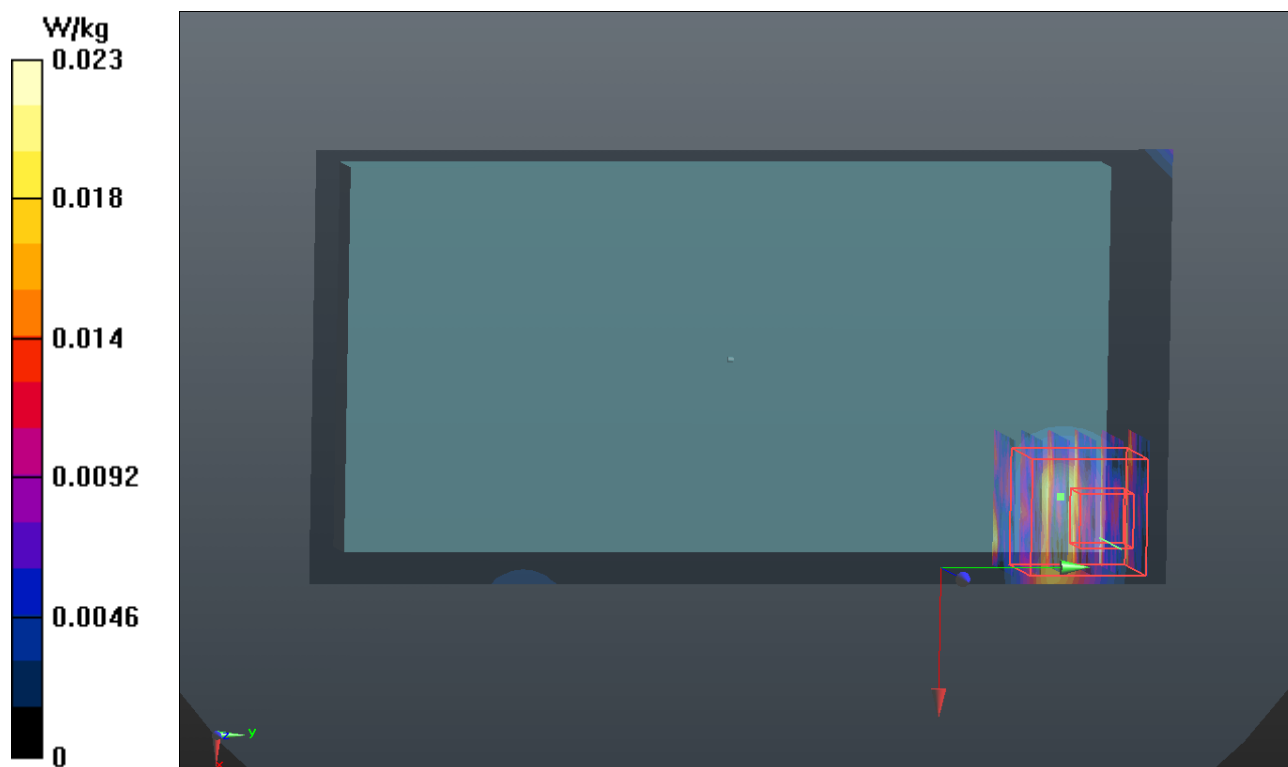
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

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

Peak SAR (extrapolated) = 0.115 W/kg

SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00425 W/kg

Maximum value of SAR (measured) = 0.0280 W/kg



P28 802.11n_HT20_Front Face_1cm_Ch157_Sample1**DUT: 131023C25**

Communication System: WLAN_5G; Frequency: 5785 MHz; Duty Cycle: 1:1.17

Medium: B5G_1209 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.168$ S/m; $\epsilon_r = 46.34$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.2°C; Liquid Temperature : 20.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(3.93, 3.93, 3.93); 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 (81x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0732 W/kg

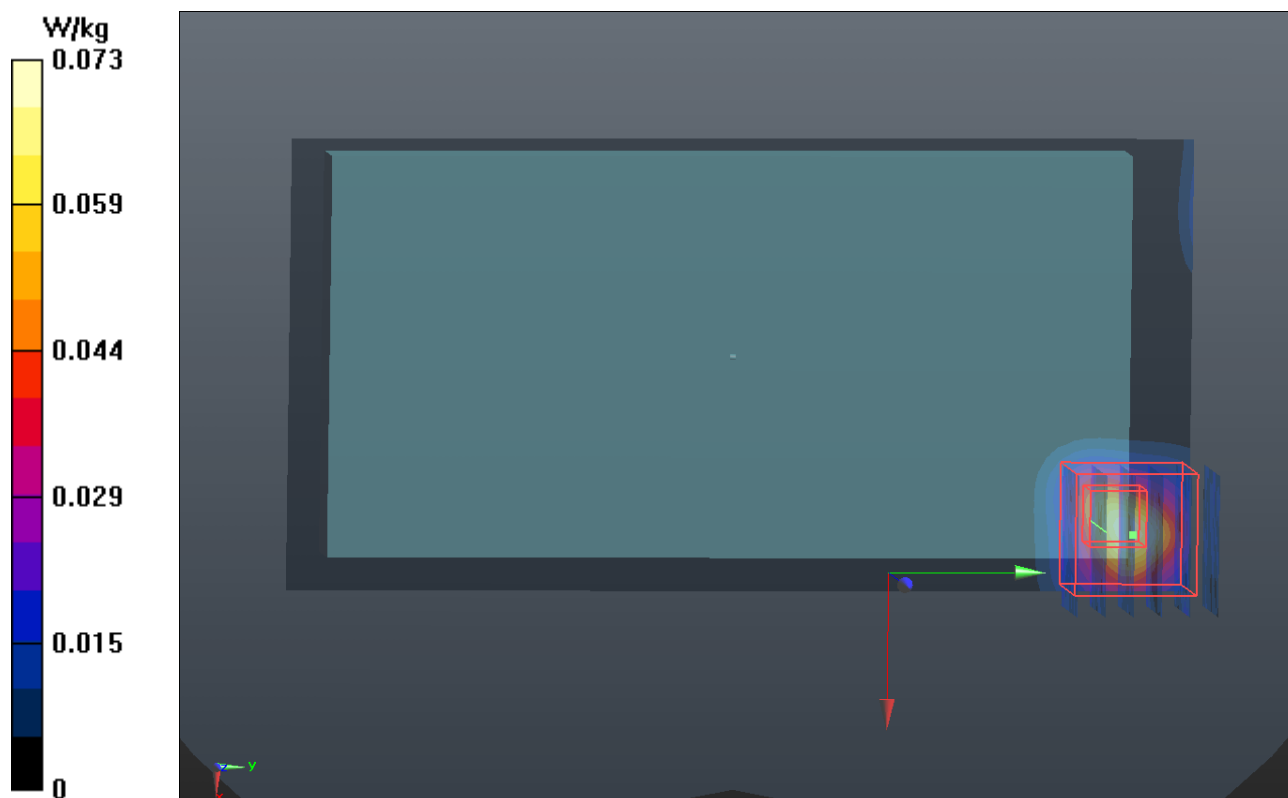
- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 1.414 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.0710 W/kg

SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.00699 W/kg

Maximum value of SAR (measured) = 0.0368 W/kg



P29 LTE 2_QPSK_10M_Bottom Side_1cm_Ch19150_Sample1_Ant0_1RB_OS49**DUT: 131023C25**

Communication System: LTE 2; Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: B1900_1203 Medium parameters used: $f = 1905$ MHz; $\sigma = 1.558$ S/m; $\epsilon_r = 51.941$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.1 °C; Liquid Temperature : 20.3 °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) = 1.03 W/kg

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

Reference Value = 24.321 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.713 W/kg; SAR(10 g) = 0.380 W/kg

Maximum value of SAR (measured) = 0.984 W/kg

