



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_Left Cheek_Ch128**DUT: 140303C07**

Communication System: GPRS12; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: H835_0325 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.909$ S/m; $\epsilon_r = 41.74$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5°C; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.52, 10.52, 10.52); Calibrated: 2014/03/04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1202
- 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) = 0.690 W/kg

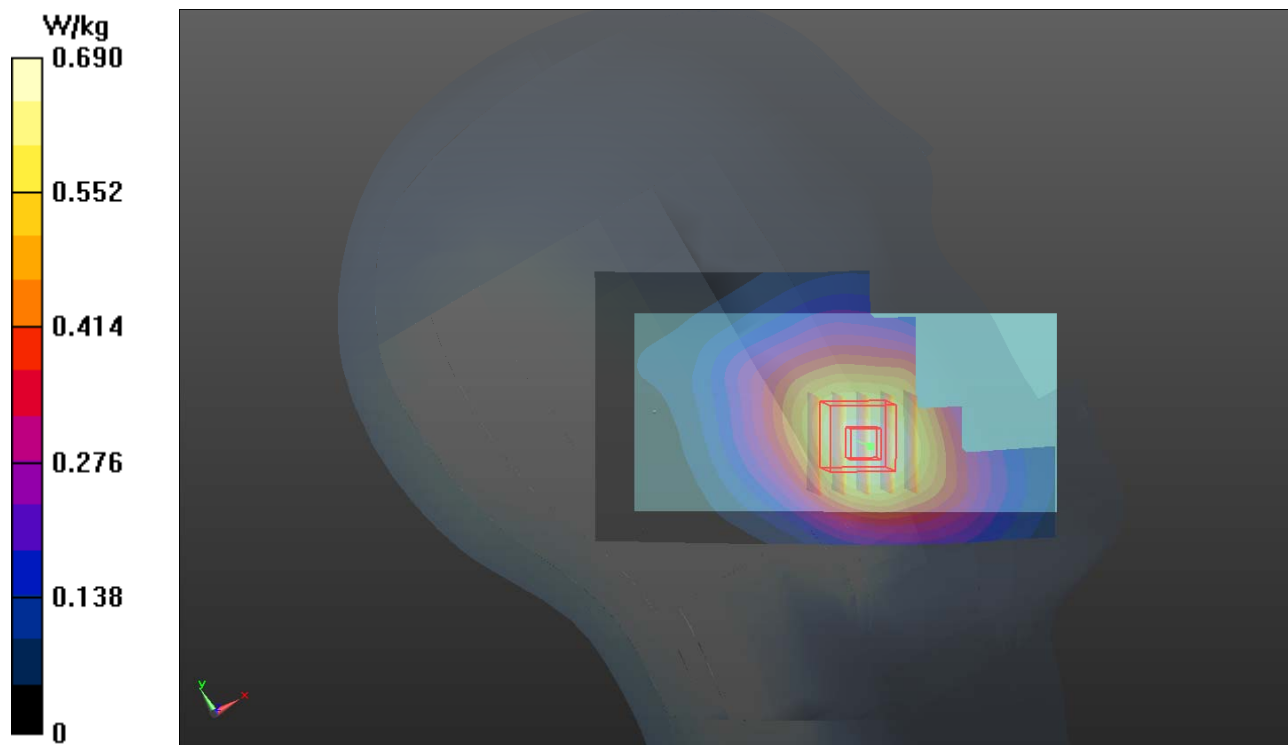
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.203 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.753 W/kg

SAR(1 g) = 0.611 W/kg; SAR(10 g) = 0.471 W/kg

Maximum value of SAR (measured) = 0.689 W/kg



P02 GSM1900_GPRS 12_Left Cheek_Ch512**DUT: 140303C07**

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

Medium: H1900_0329 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.356$ S/m; $\epsilon_r = 39.207$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.2°C; Liquid Temperature : 20.3 °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 (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) = 0.674 W/kg

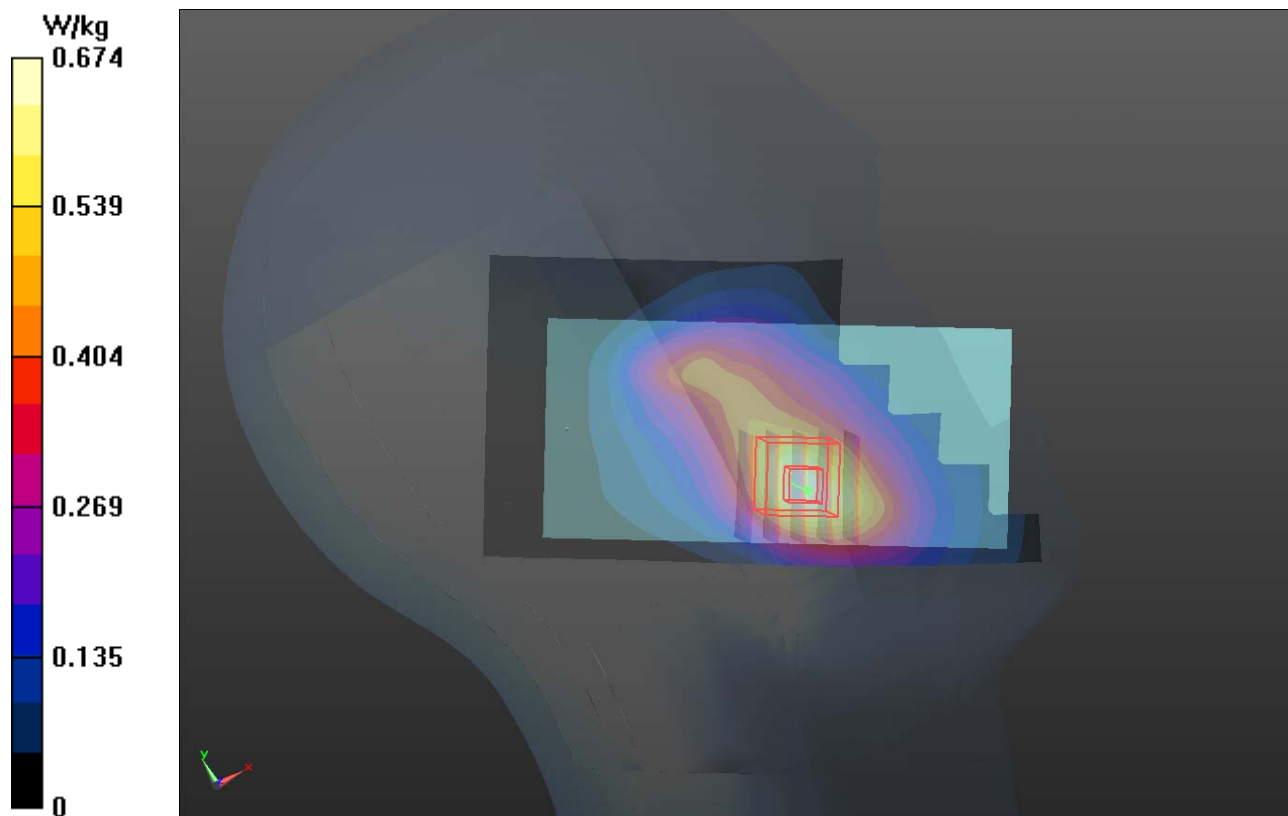
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.742 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.767 W/kg

SAR(1 g) = 0.530 W/kg; SAR(10 g) = 0.344 W/kg

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



P03 WCDMA II_RMC12.2K_Left Cheek_Ch9538**DUT: 140303C07**

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

Medium: H1900_0329 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.418$ S/m; $\epsilon_r = 38.954$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.2°C; Liquid Temperature : 20.3 °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 (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) = 0.883 W/kg

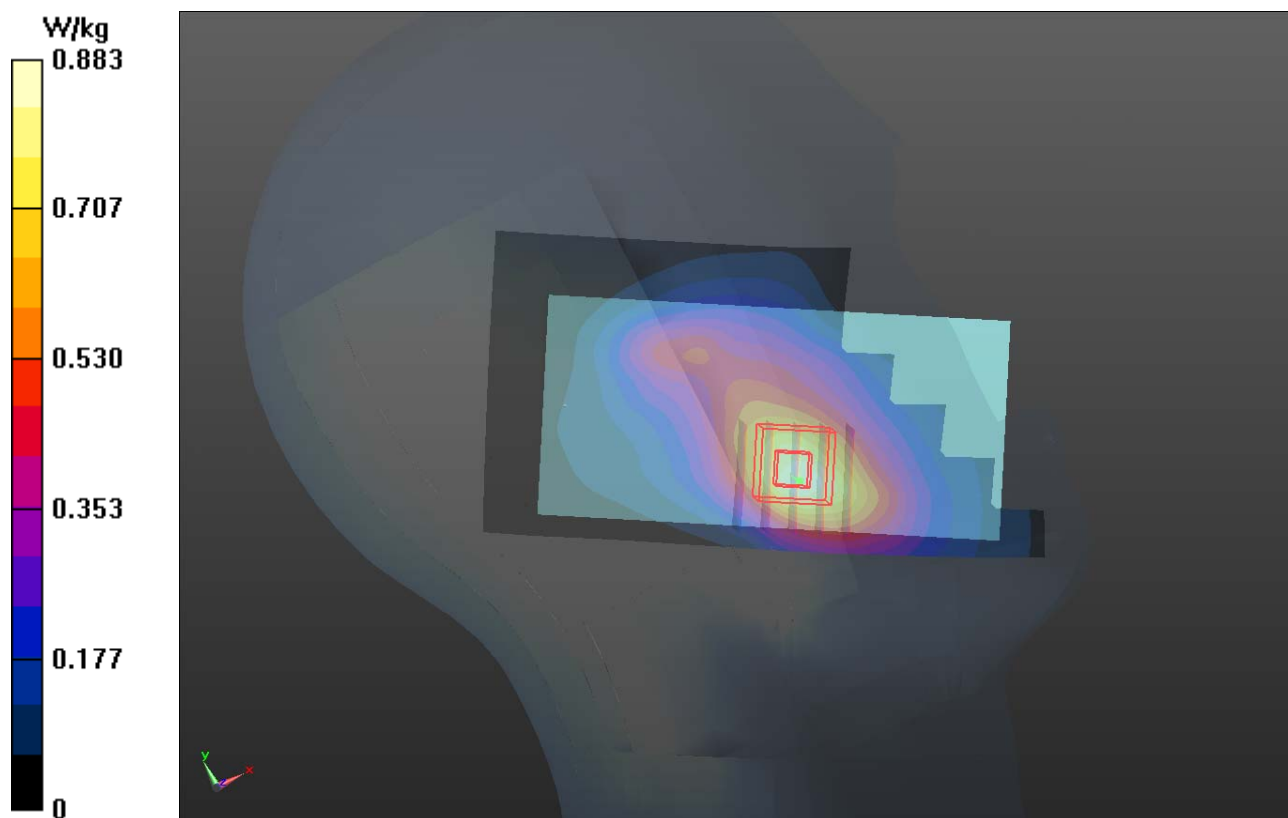
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.891 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.994 W/kg

SAR(1 g) = 0.685 W/kg; SAR(10 g) = 0.440 W/kg

Maximum value of SAR (measured) = 0.843 W/kg



P04 WCDMA V_RMC12.2K_Left Cheek_Ch4132**DUT: 140303C07**

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

Medium: H835_0325 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.911$ S/m; $\epsilon_r = 41.711$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5°C; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.52, 10.52, 10.52); Calibrated: 2014/03/04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1202
- 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) = 0.376 W/kg

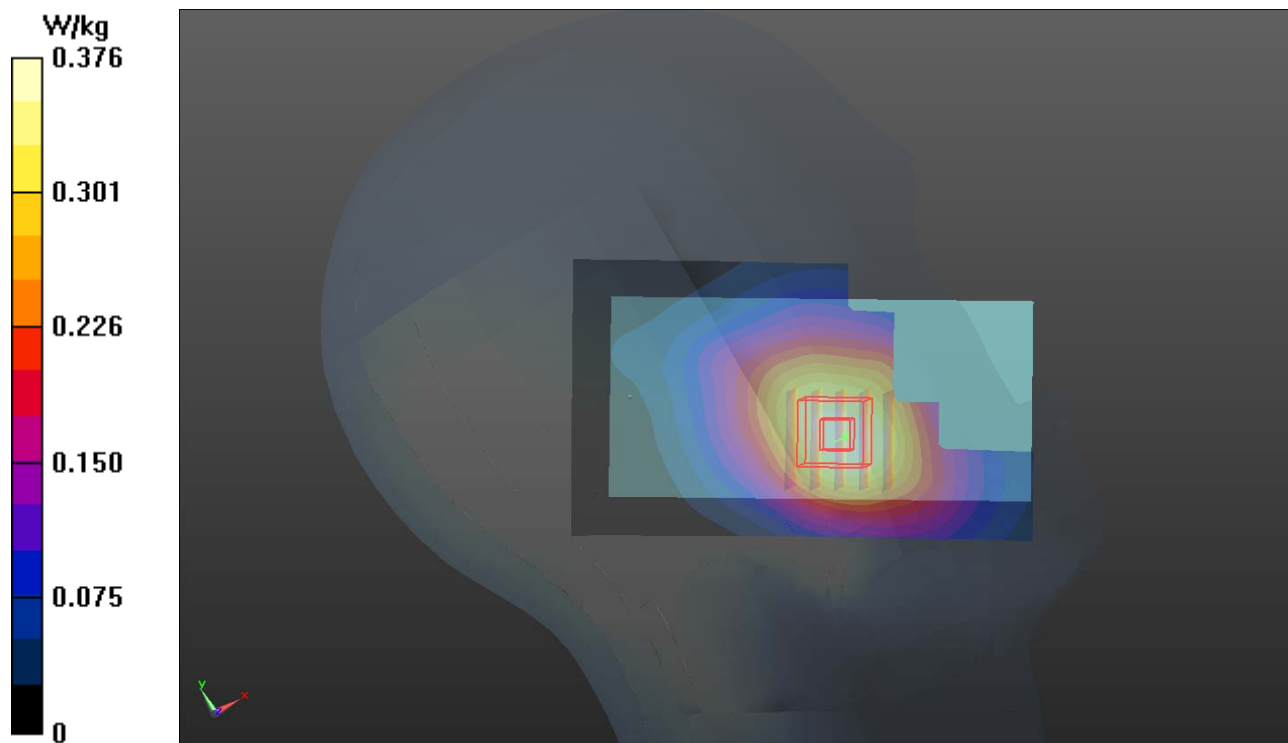
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.466 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.409 W/kg

SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.255 W/kg

Maximum value of SAR (measured) = 0.373 W/kg



P05 CDMA2000 BC0_RC3+SO55_Left Cheek_Ch1013**DUT: 140303C07**

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: H835_0325 Medium parameters used: $f = 825$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 41.73$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5°C; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.52, 10.52, 10.52); Calibrated: 2014/03/04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1202
- 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) = 0.475 W/kg

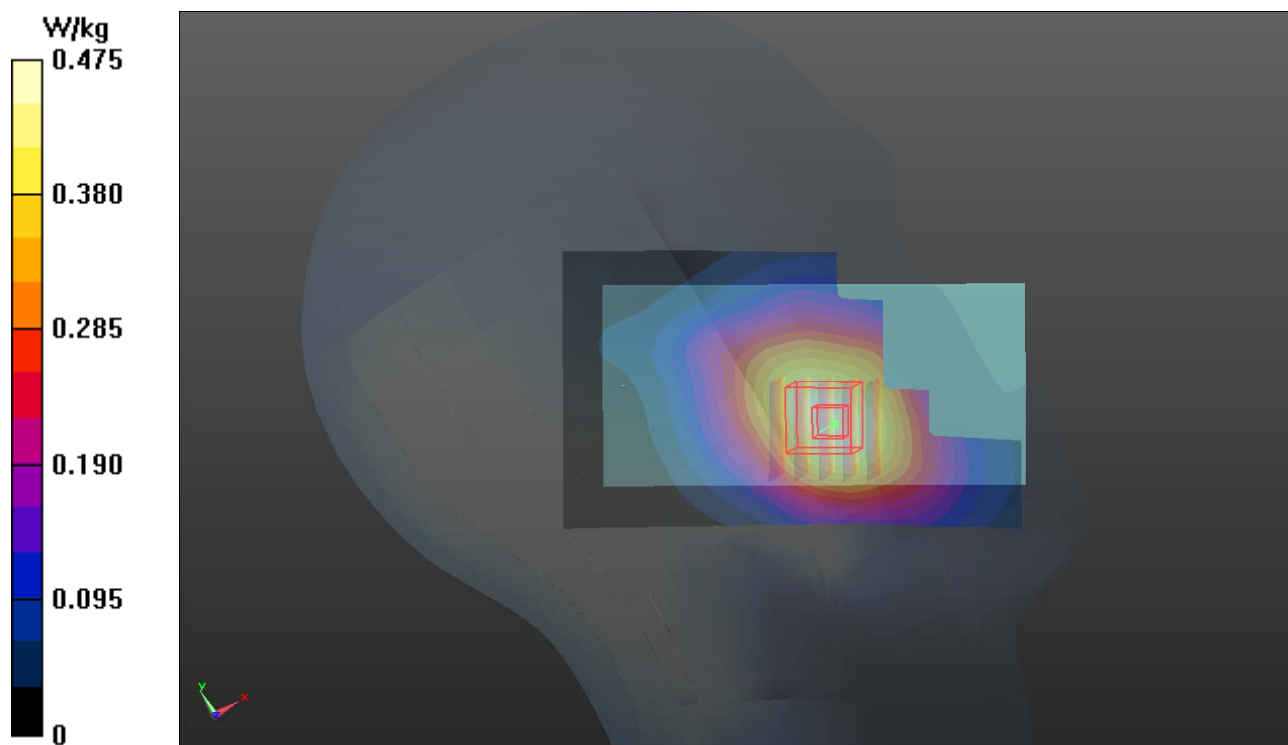
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.642 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.513 W/kg

SAR(1 g) = 0.416 W/kg; SAR(10 g) = 0.321 W/kg

Maximum value of SAR (measured) = 0.472 W/kg



P06 CDMA2000 BC1_RC3+SO55_Left Cheek_Ch1175**DUT: 140303C07**

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

Medium: H1900_0329 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.419$ S/m; $\epsilon_r = 38.95$; $\rho = 1000$ kg/m³

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

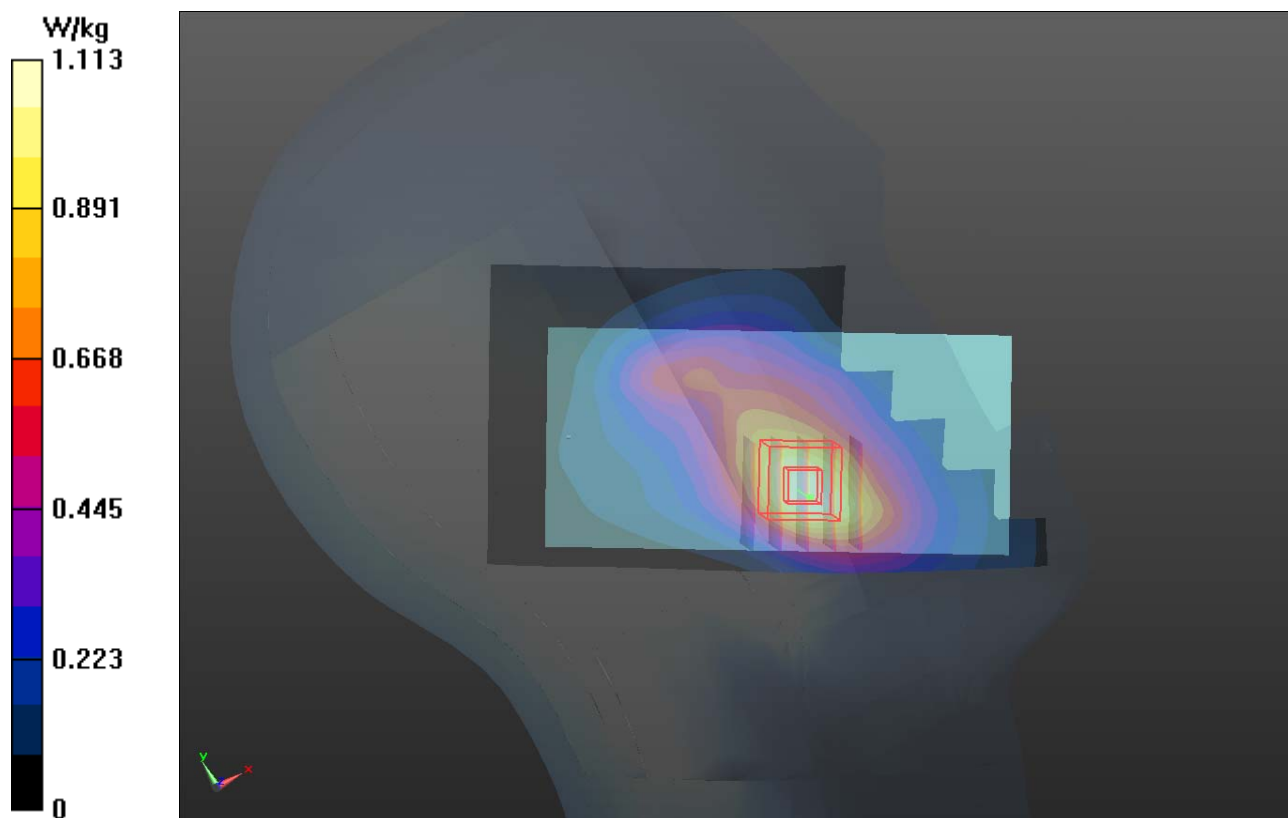
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.836 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.866 W/kg; SAR(10 g) = 0.554 W/kg

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



P07 LTE 4_QPSK20M_Left Cheek_Ch20300_Ant 0_1RB_Offset 50**DUT: 140303C07**

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

Medium: H1750_0404 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.373$ S/m; $\epsilon_r = 40.042$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.92, 8.92, 8.92); Calibrated: 2014/03/04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- Phantom: SAM Phantom_Front; Type: QD000P40CD; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 0.495 W/kg

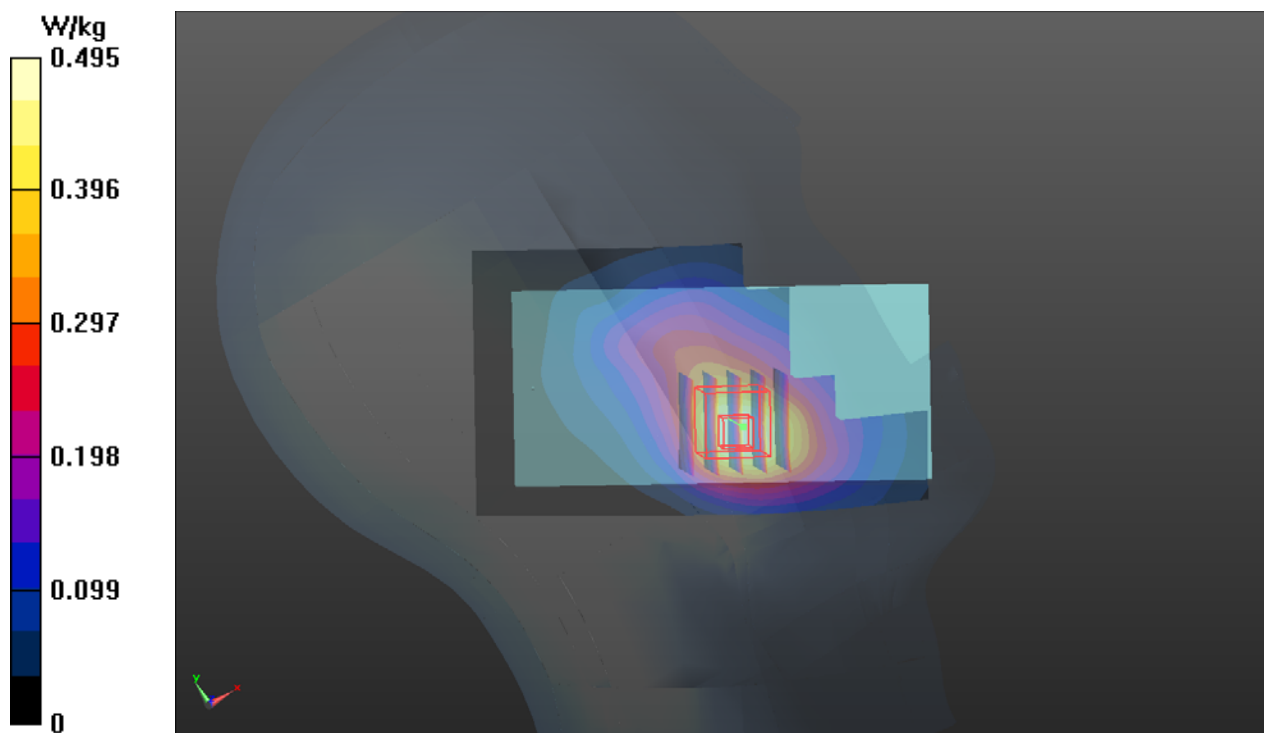
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.066 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.592 W/kg

SAR(1 g) = 0.408 W/kg; SAR(10 g) = 0.268 W/kg

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



P08 LTE 7_QPSK20M_Left Cheek_Ch21100_Ant 0_1RB_Offset 99**DUT: 140303C07**

Communication System: LTE 7; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: H2600_0404 Medium parameters used: $f = 2535$ MHz; $\sigma = 1.973$ S/m; $\epsilon_r = 38.013$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6°C; Liquid Temperature : 20.9 °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 (71x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

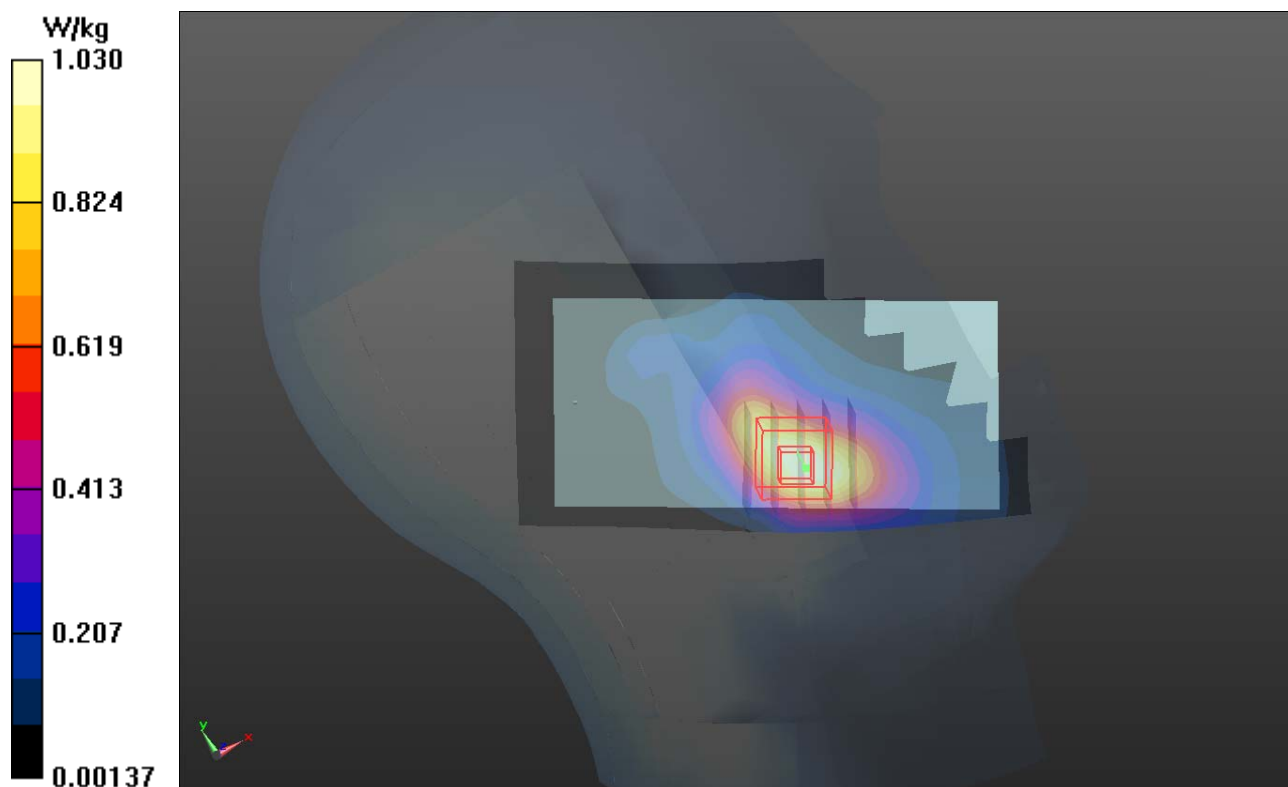
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.034 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.755 W/kg; SAR(10 g) = 0.417 W/kg

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



P09 LTE 13_QPSK10M_Right Cheek_Ch23230_Ant 1_1RB_Offset 24**DUT: 140303C07**

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

Medium: H750_0404 Medium parameters used: $f = 782$ MHz; $\sigma = 0.913$ S/m; $\epsilon_r = 41.385$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.89, 10.89, 10.89); Calibrated: 2014/03/04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- 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 (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.624 W/kg

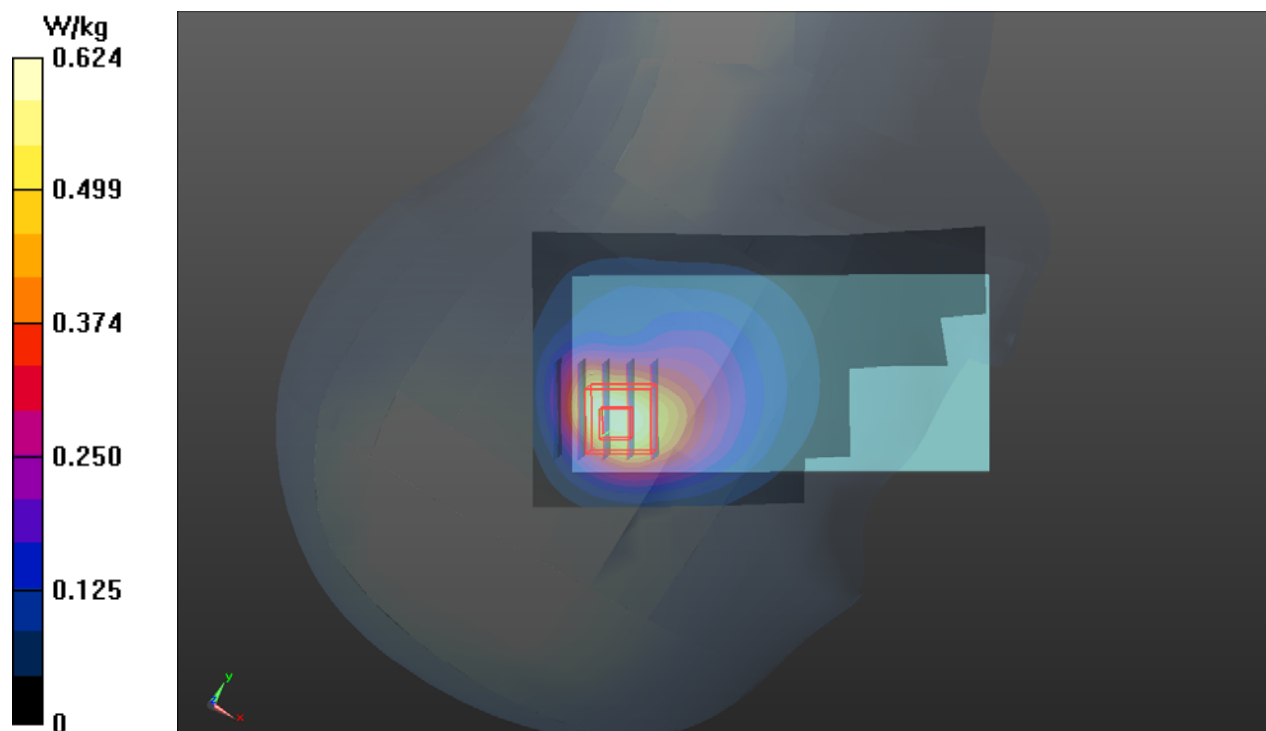
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.245 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.796 W/kg

SAR(1 g) = 0.487 W/kg; SAR(10 g) = 0.294 W/kg

Maximum value of SAR (measured) = 0.604 W/kg



P10 802.11b_Left Cheek_Ch6**DUT: 140303C06**

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

Medium: H2450_0404 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.853$ S/m; $\epsilon_r = 39.094$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6°C; Liquid Temperature : 20.9 °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 (71x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

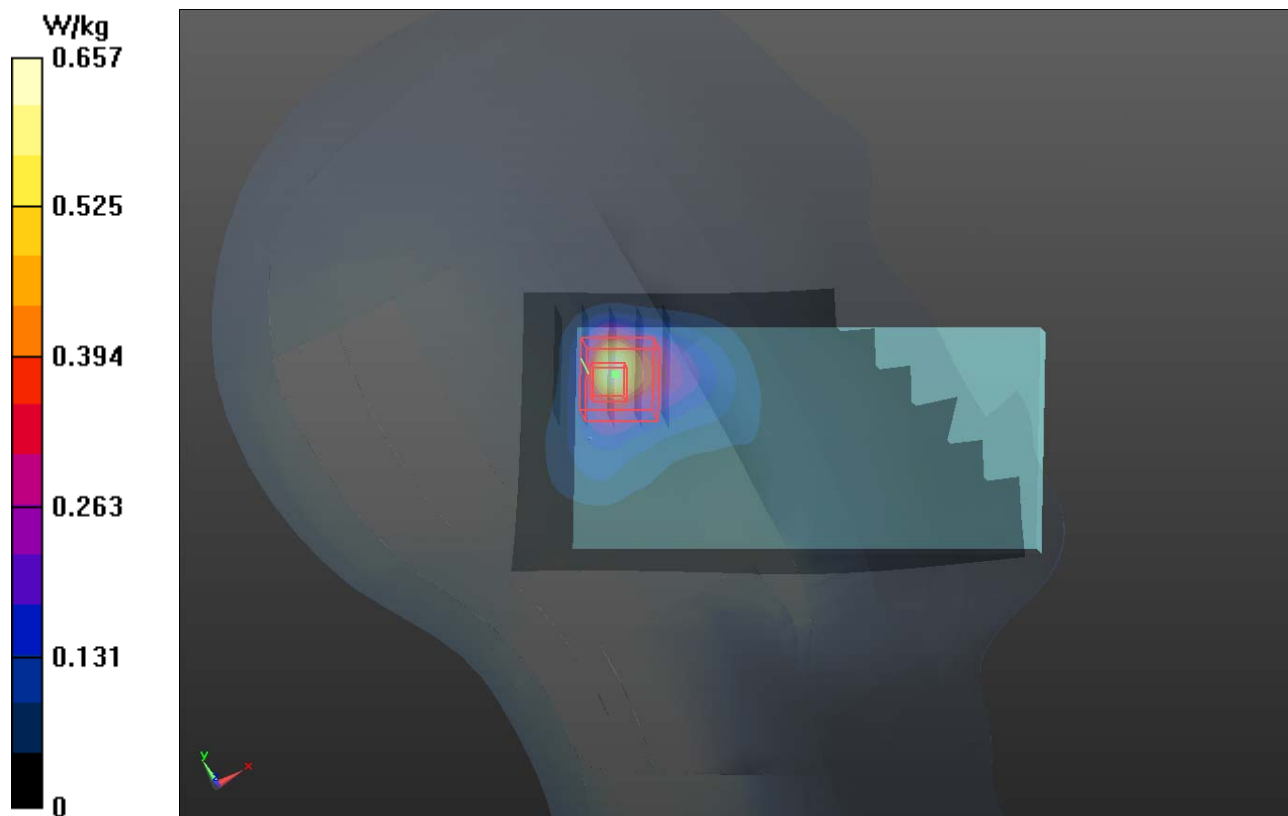
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.453 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.996 W/kg

SAR(1 g) = 0.393 W/kg; SAR(10 g) = 0.180 W/kg

Maximum value of SAR (measured) = 0.532 W/kg



P11 802.11a_Left Cheek_Ch36**DUT: 140303C07**

Communication System: WLAN_5G; Frequency: 5180 MHz; Duty Cycle: 1:1.12

Medium: H5G_0408 Medium parameters used: $f = 5180$ MHz; $\sigma = 4.786$ S/m; $\epsilon_r = 35.638$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(5.57, 5.57, 5.57); Calibrated: 2014/03/04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- 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 (81x161x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.109 W/kg

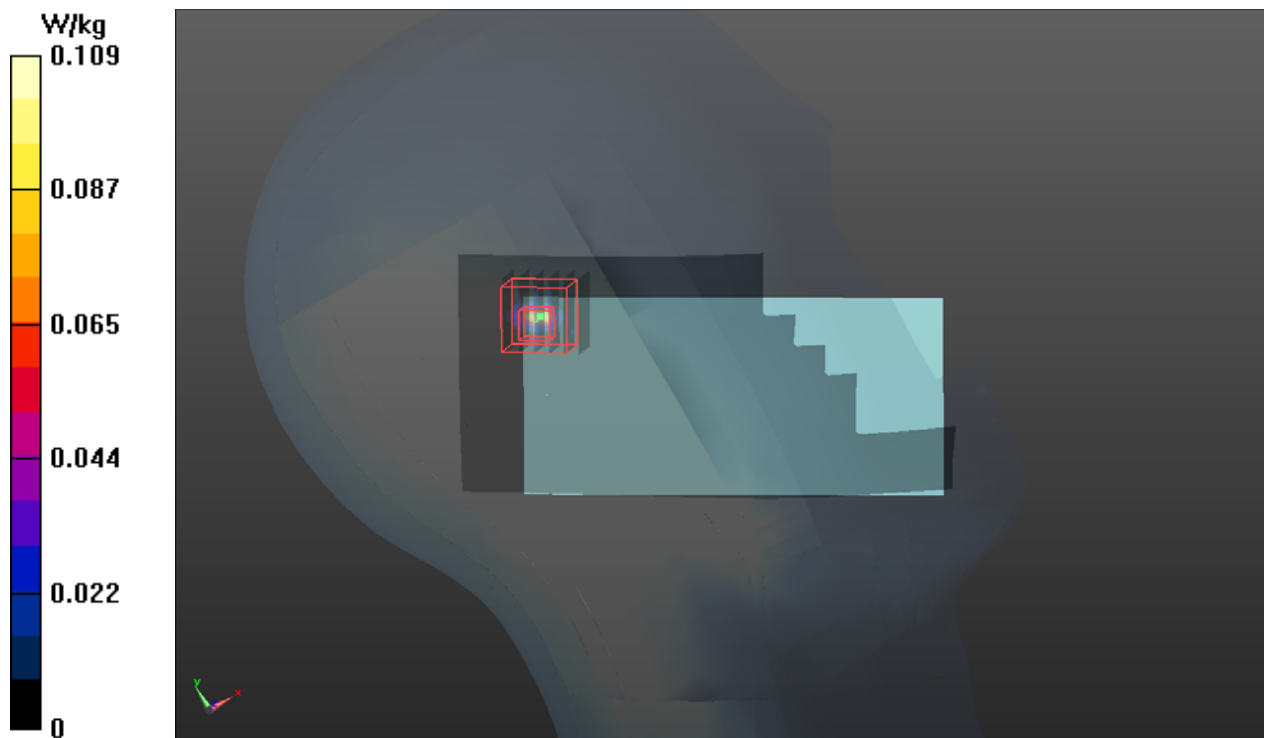
- Zoom Scan (6x6x12)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=2$ mm

Reference Value = 0 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.253 W/kg

SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.00899 W/kg

Maximum value of SAR (measured) = 0.150 W/kg



P12 802.11a_Left Tilted_Ch64

DUT: 140303C07

Communication System: WLAN_5G; Frequency: 5320 MHz; Duty Cycle: 1:1.12

Medium: H5G_0408 Medium parameters used: $f = 5320$ MHz; $\sigma = 4.928$ S/m; $\epsilon_r = 35.397$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(5.33, 5.33, 5.33); Calibrated: 2014/03/04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- 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 (81x161x1):** Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.0415 W/kg

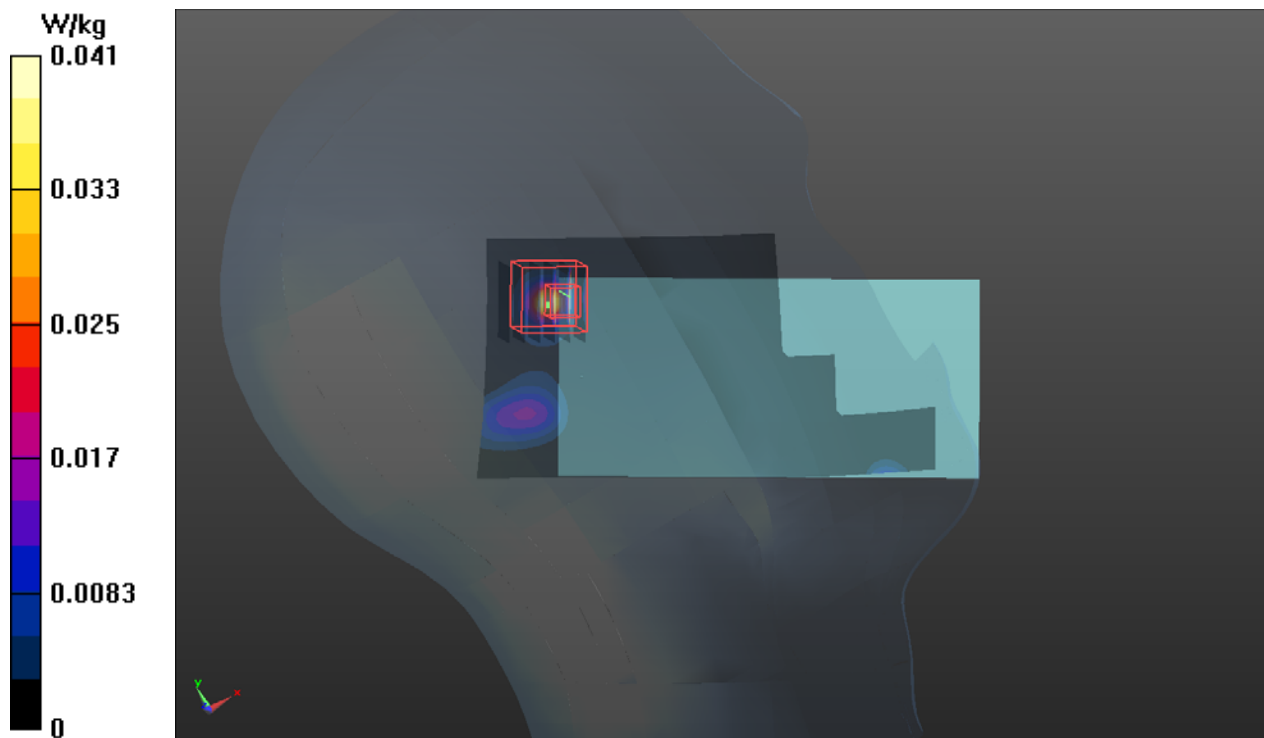
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=2$ mm

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

Peak SAR (extrapolated) = 0.325 W/kg

SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.00677 W/kg

Maximum value of SAR (measured) = 0.131 W/kg



P13 802.11a_Left Cheek_Ch100**DUT: 140303C07**

Communication System: WLAN_5G; Frequency: 5500 MHz; Duty Cycle: 1:1.12

Medium: H5G_0408 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.144$ S/m; $\epsilon_r = 35.032$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(5.06, 5.06, 5.06); Calibrated: 2014/03/04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- 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 (81x161x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

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

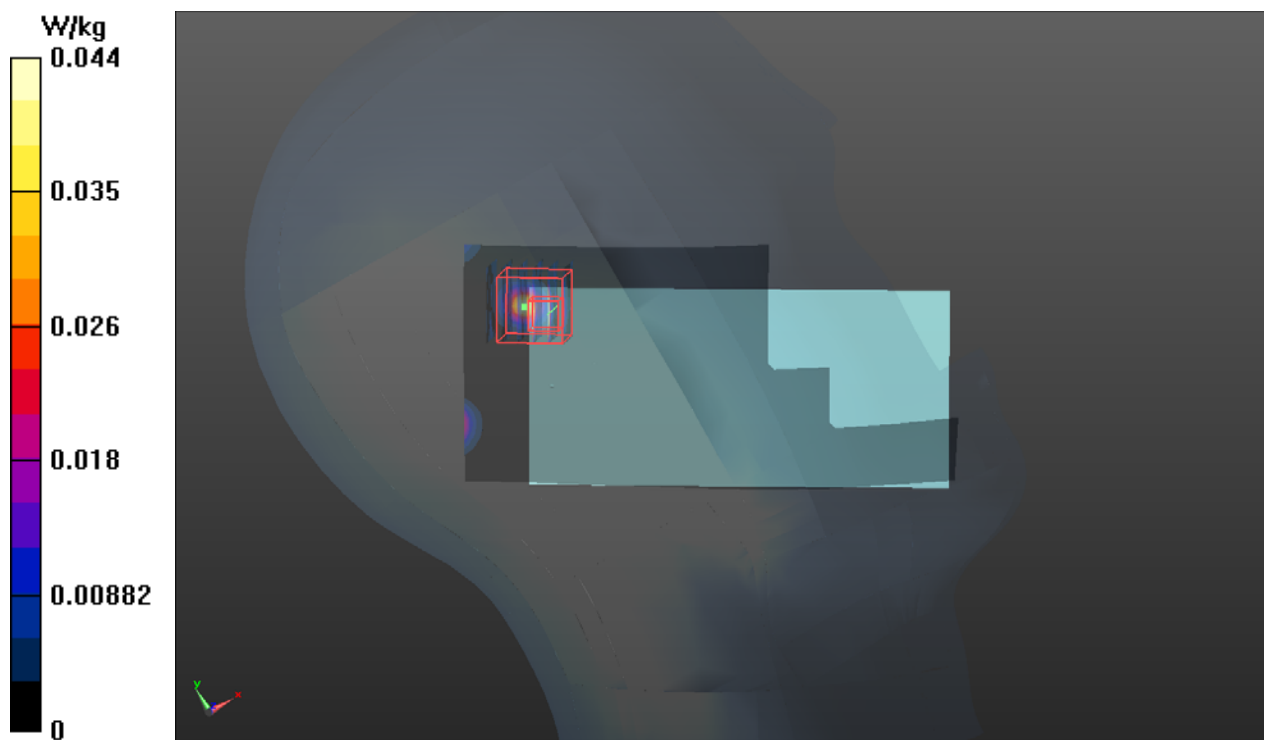
- Zoom Scan (6x6x12)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=2$ mm

Reference Value = 0.728 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.294 W/kg

SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.00941 W/kg

Maximum value of SAR (measured) = 0.173 W/kg



P14 802.11a_Left Cheek_Ch149**DUT: 140303C07**

Communication System: WLAN_5G; Frequency: 5745 MHz; Duty Cycle: 1:1.12

Medium: H5G_0408 Medium parameters used: $f = 5745$ MHz; $\sigma = 5.424$ S/m; $\epsilon_r = 34.647$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.89, 4.89, 4.89); Calibrated: 2014/03/04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- 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 (81x161x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.0477 W/kg

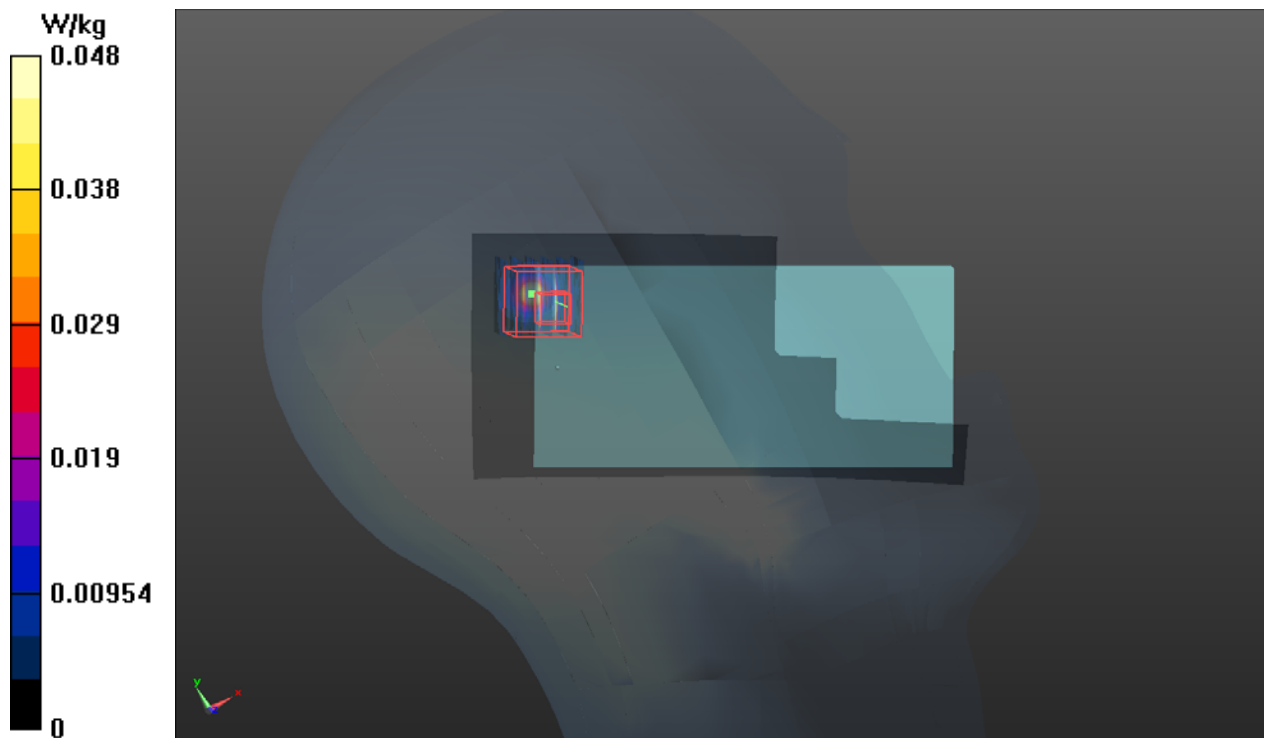
- Zoom Scan (6x6x12)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=2$ mm

Reference Value = 0.406 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.246 W/kg

SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.00893 W/kg

Maximum value of SAR (measured) = 0.146 W/kg



P15 GSM850_GPRS12_Rear Face_1cm_Ch189**DUT: 140303C07**

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

Medium: B835_0331 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.973$ S/m; $\epsilon_r = 55.117$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.35, 9.35, 9.35); Calibrated: 2013/04/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2013/04/24
- Phantom: ELI v4.0_Right; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 29.695 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.954 W/kg; SAR(10 g) = 0.698 W/kg

Maximum value of SAR (measured) = 1.13 W/kg

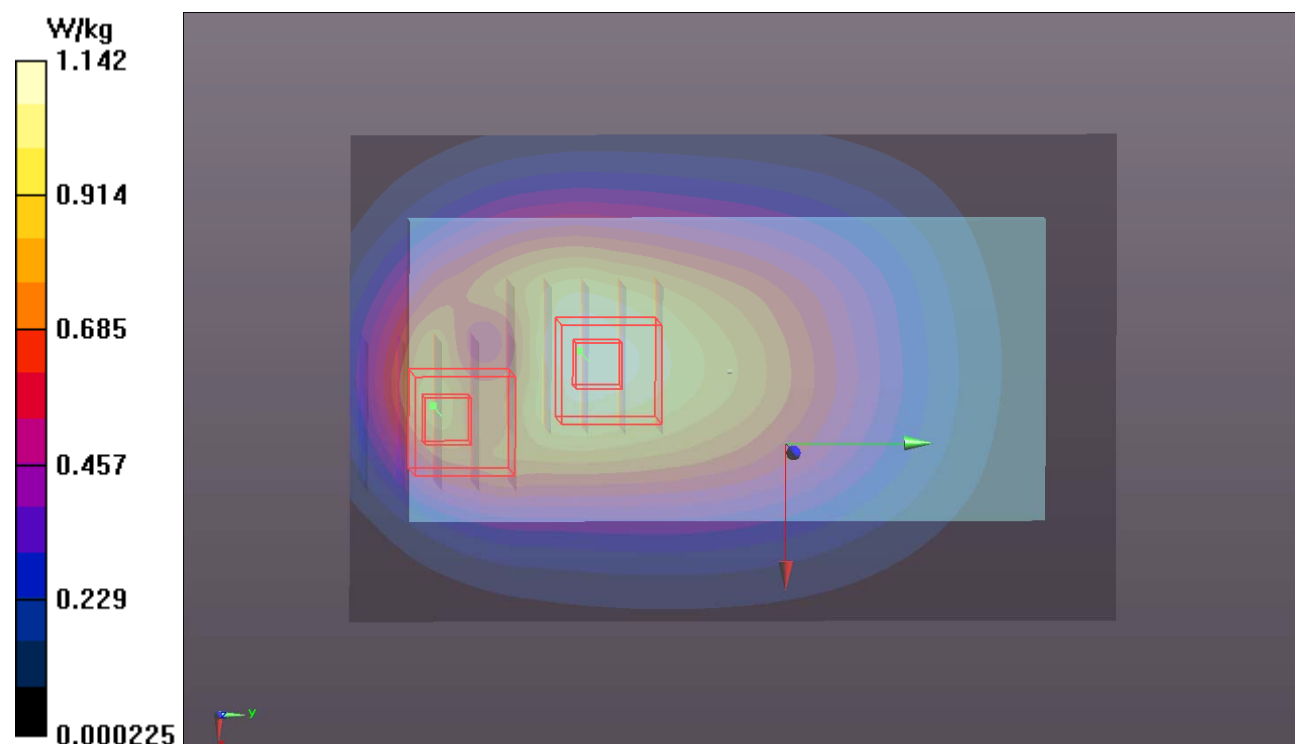
- Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.695 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.662 W/kg; SAR(10 g) = 0.441 W/kg

Maximum value of SAR (measured) = 0.888 W/kg



P16 GSM1900_GPRS12_Rear Face_1cm_Ch512**DUT: 140303C07**

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

Medium: B1900_0402 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.52$ S/m; $\epsilon_r = 54.645$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.11, 8.11, 8.11); Calibrated: 2014/03/04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- 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 (71x111x1):** Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.890 W/kg

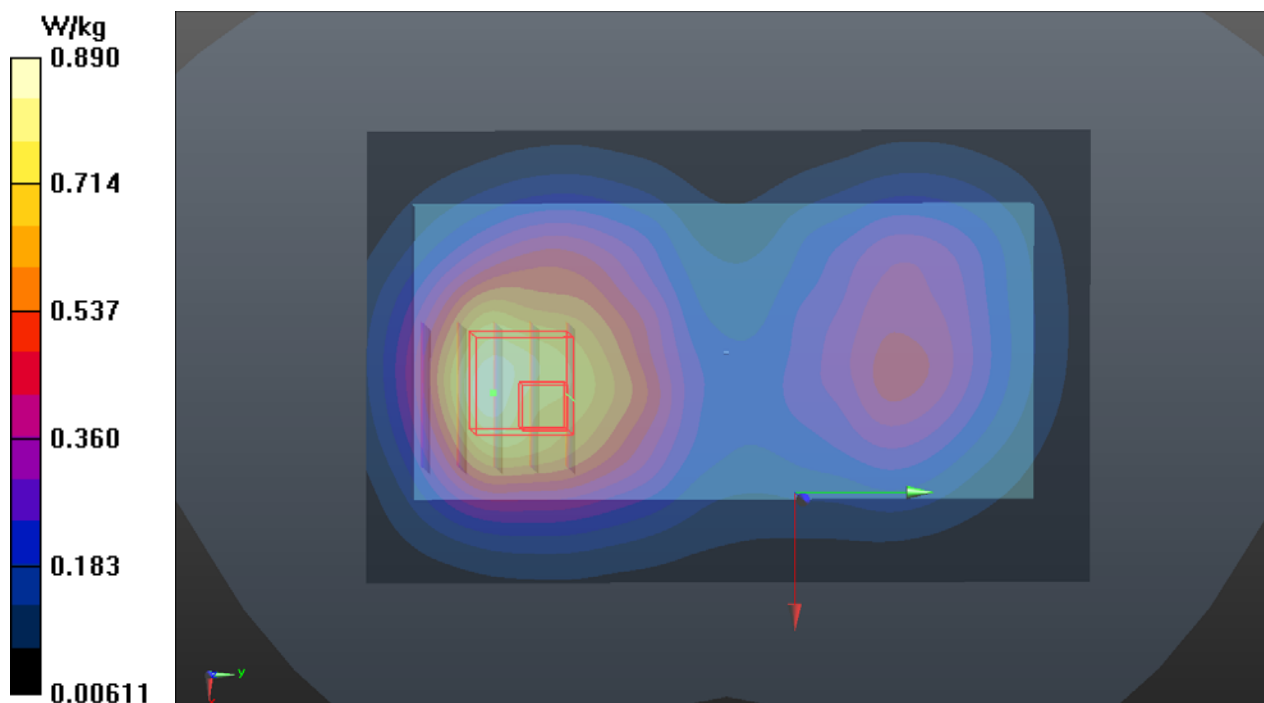
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.726 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.833 W/kg

SAR(1 g) = 0.560 W/kg; SAR(10 g) = 0.362 W/kg

Maximum value of SAR (measured) = 0.708 W/kg



P17 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9538**DUT: 140303C07**

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

Medium: B1900_0402 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.574$ S/m; $\epsilon_r = 54.553$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.11, 8.11, 8.11); Calibrated: 2014/03/04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- 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 (71x111x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.950 W/kg

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

Reference Value = 10.267 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.980 W/kg

SAR(1 g) = 0.646 W/kg; SAR(10 g) = 0.409 W/kg

Maximum value of SAR (measured) = 0.839 W/kg

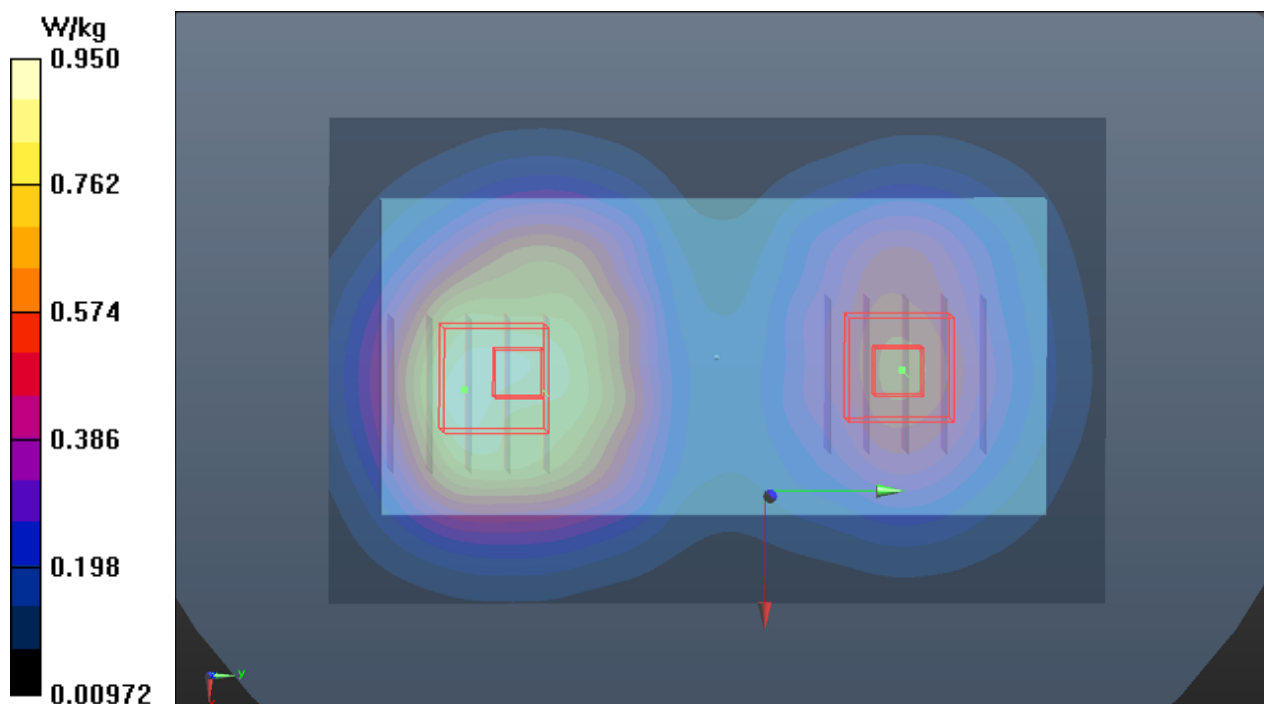
- Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.267 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.669 W/kg

SAR(1 g) = 0.467 W/kg; SAR(10 g) = 0.313 W/kg

Maximum value of SAR (measured) = 0.578 W/kg



P18 WCDMA V_RMC12.2K_Rear Face_1cm_Ch4132**DUT: 140303C07**

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

Medium: B835_0331 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.964$ S/m; $\epsilon_r = 55.178$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.35, 9.35, 9.35); Calibrated: 2013/04/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2013/04/24
- Phantom: ELI v4.0_Right; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.646 W/kg

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

Reference Value = 21.510 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.764 W/kg

SAR(1 g) = 0.542 W/kg; SAR(10 g) = 0.391 W/kg

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

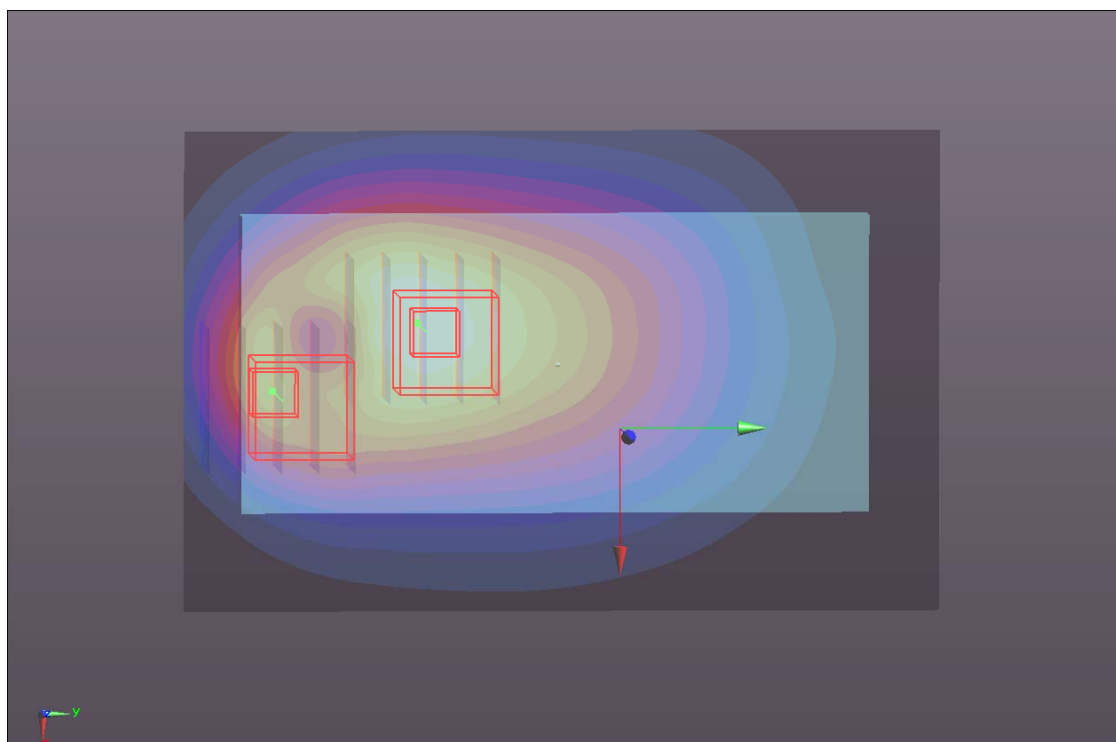
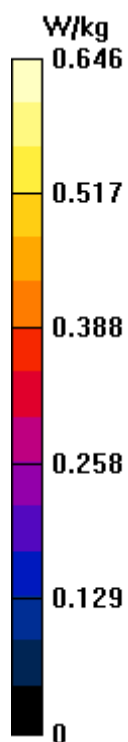
- Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.510 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.635 W/kg

SAR(1 g) = 0.383 W/kg; SAR(10 g) = 0.249 W/kg

Maximum value of SAR (measured) = 0.515 W/kg



P19 CDMA2000 BC0_RTAP 153.6_Rear Face_1cm_Ch1013_Ant 0**DUT: 140303C07**

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: B835_0406 Medium parameters used: $f = 825$ MHz; $\sigma = 0.963$ S/m; $\epsilon_r = 55.266$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.31, 10.31, 10.31); Calibrated: 2014/03/04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- Phantom: SAM Phantom_Front; Type: QD000P40CD; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.638 W/kg

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

Reference Value = 17.525 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.842 W/kg

SAR(1 g) = 0.498 W/kg; SAR(10 g) = 0.295 W/kg

Maximum value of SAR (measured) = 0.641 W/kg

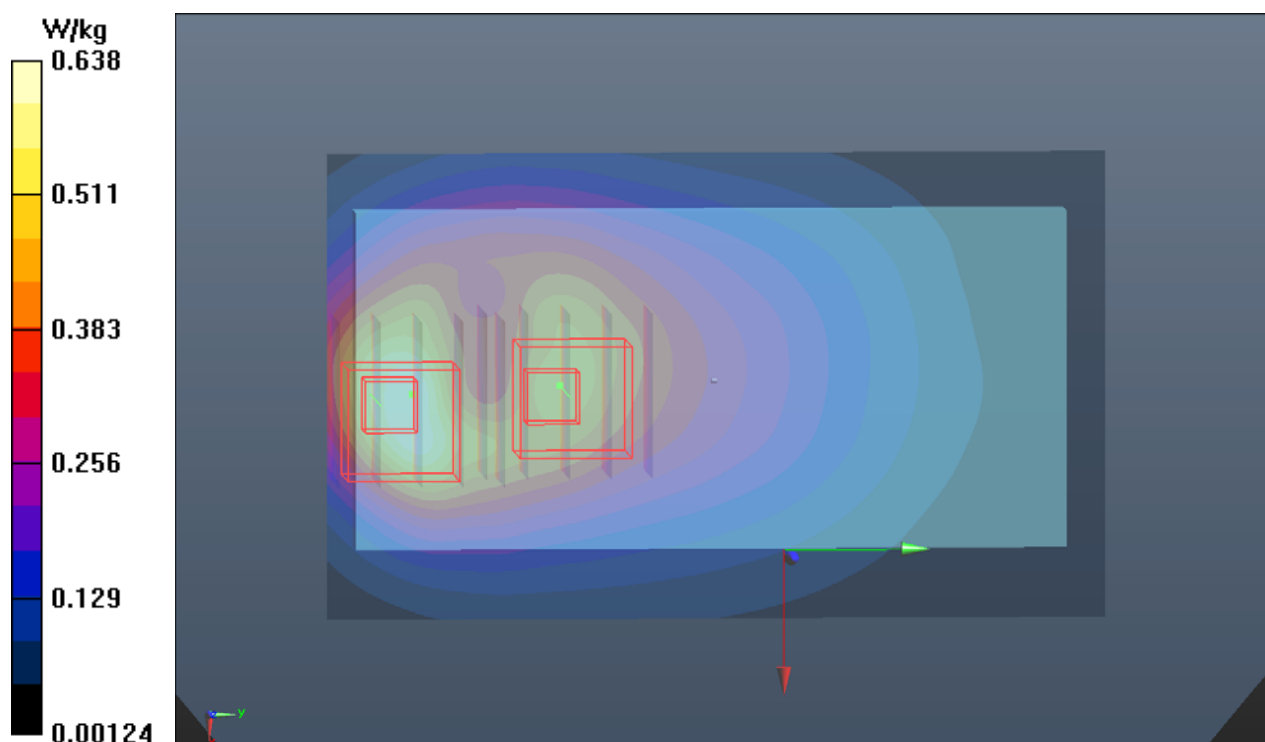
- Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.525 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.590 W/kg

SAR(1 g) = 0.427 W/kg; SAR(10 g) = 0.303 W/kg

Maximum value of SAR (measured) = 0.507 W/kg



P20 CDMA2000 BC1_RTAP 153.6_Rear Face_1cm_Ch600_Ant 0**DUT: 140303C07**

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

Medium: B1900_0407 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.556$ S/m; $\epsilon_r = 54.767$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.11, 8.11, 8.11); Calibrated: 2014/03/04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- Phantom: SAM Phantom_Front; Type: QD000P40CD; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 0.996 W/kg

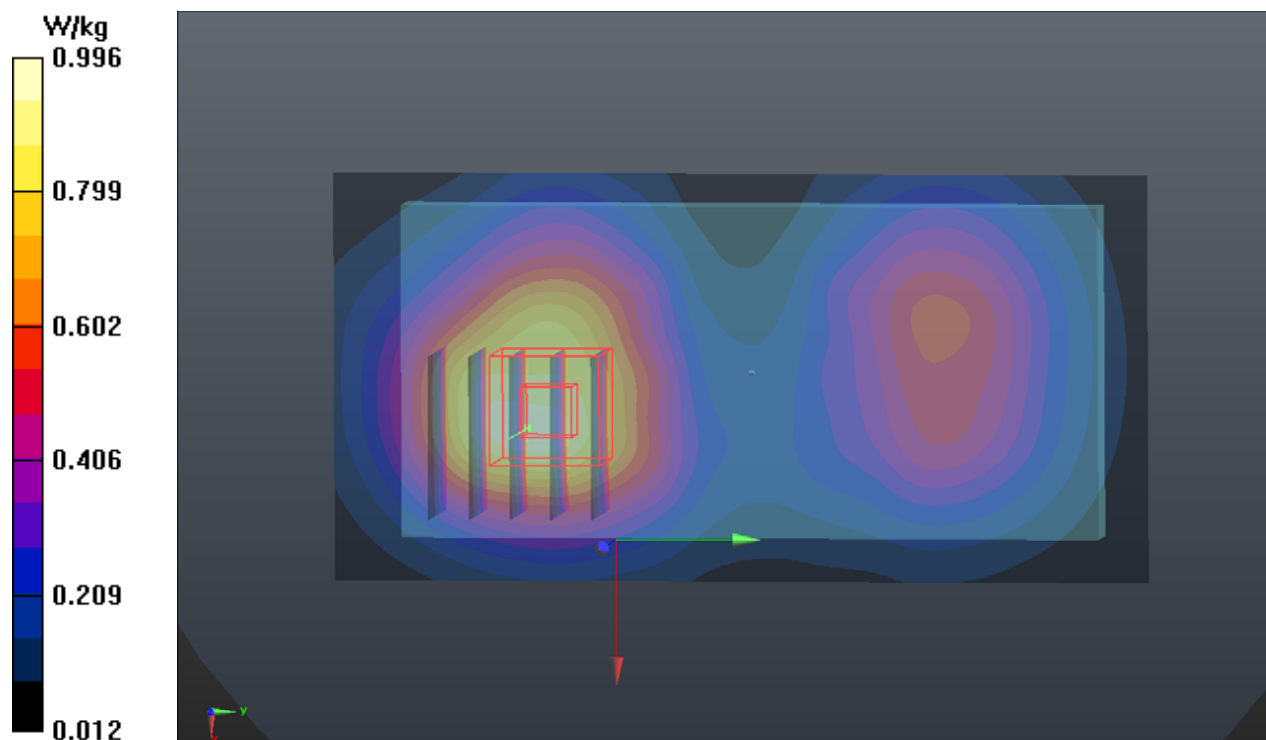
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.476 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.720 W/kg; SAR(10 g) = 0.477 W/kg

Maximum value of SAR (measured) = 0.871 W/kg



P21 LTE 4_QPSK20M_Rear Face_1cm_Ch20300_Ant 0_1RB_Offset 50**DUT: 140303C07**

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

Medium: B1750_0405 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.493$ S/m; $\epsilon_r = 52.427$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.35, 8.35, 8.35); Calibrated: 2014/03/04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- 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 (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.654 W/kg

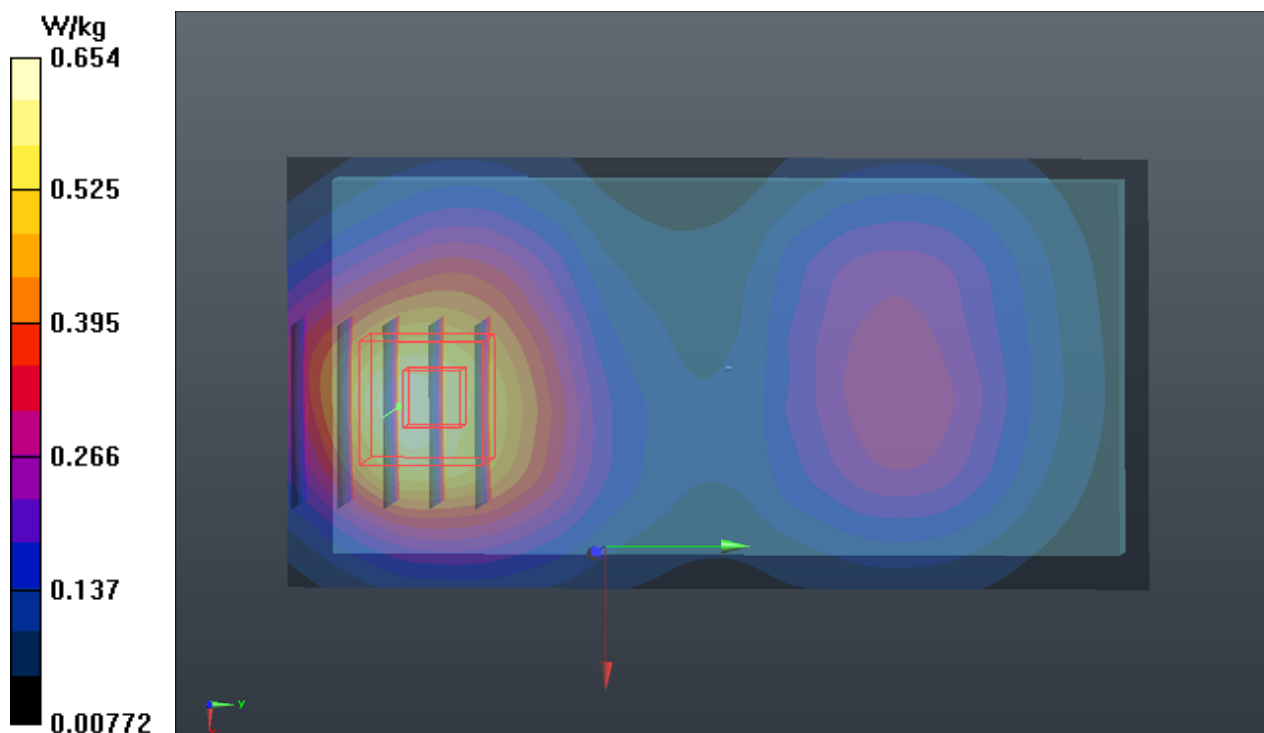
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.268 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.742 W/kg

SAR(1 g) = 0.477 W/kg; SAR(10 g) = 0.309 W/kg

Maximum value of SAR (measured) = 0.596 W/kg



P22 LTE 7_QPSK20M_Rear Face_1cm_Ch21100_Ant 0_1RB_Offset 99**DUT: 140303C07**

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

Medium: B2600_0407 Medium parameters used: $f = 2535$ MHz; $\sigma = 2.128$ S/m; $\epsilon_r = 52.519$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(7.49, 7.49, 7.49); Calibrated: 2014/03/04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- Phantom: SAM Phantom_Front; Type: QD000P40CD; Serial: TP 1654
- 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) = 1.09 W/kg

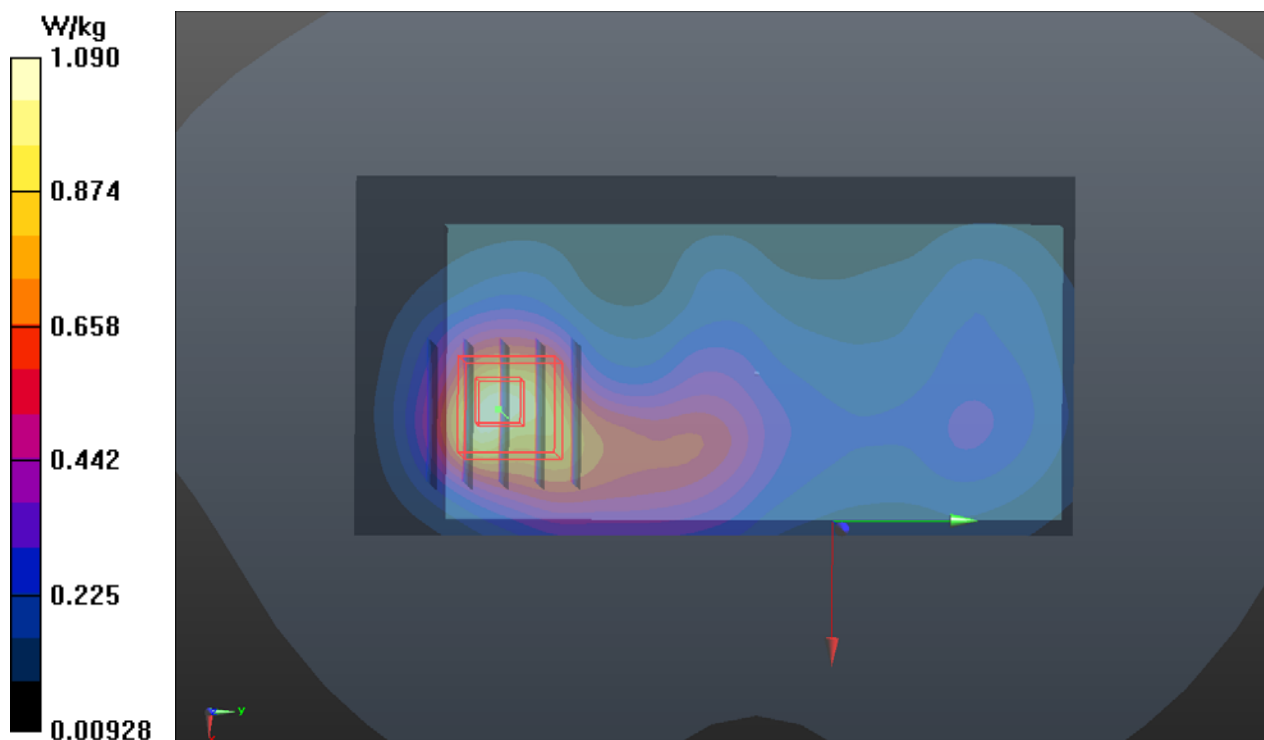
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.947 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 0.771 W/kg; SAR(10 g) = 0.406 W/kg

Maximum value of SAR (measured) = 1.12 W/kg



P23 LTE 13_QPSK10M_Rear Face_1cm_Ch23230_Ant 0_1RB_Offset 24**DUT: 140303C07**

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

Medium: B750_0406 Medium parameters used: $f = 782$ MHz; $\sigma = 0.993$ S/m; $\epsilon_r = 54.945$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.39, 10.39, 10.39); Calibrated: 2014/03/04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- Phantom: SAM Phantom_Front; Type: QD000P40CD; Serial: TP 1654
- 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) = 0.445 W/kg

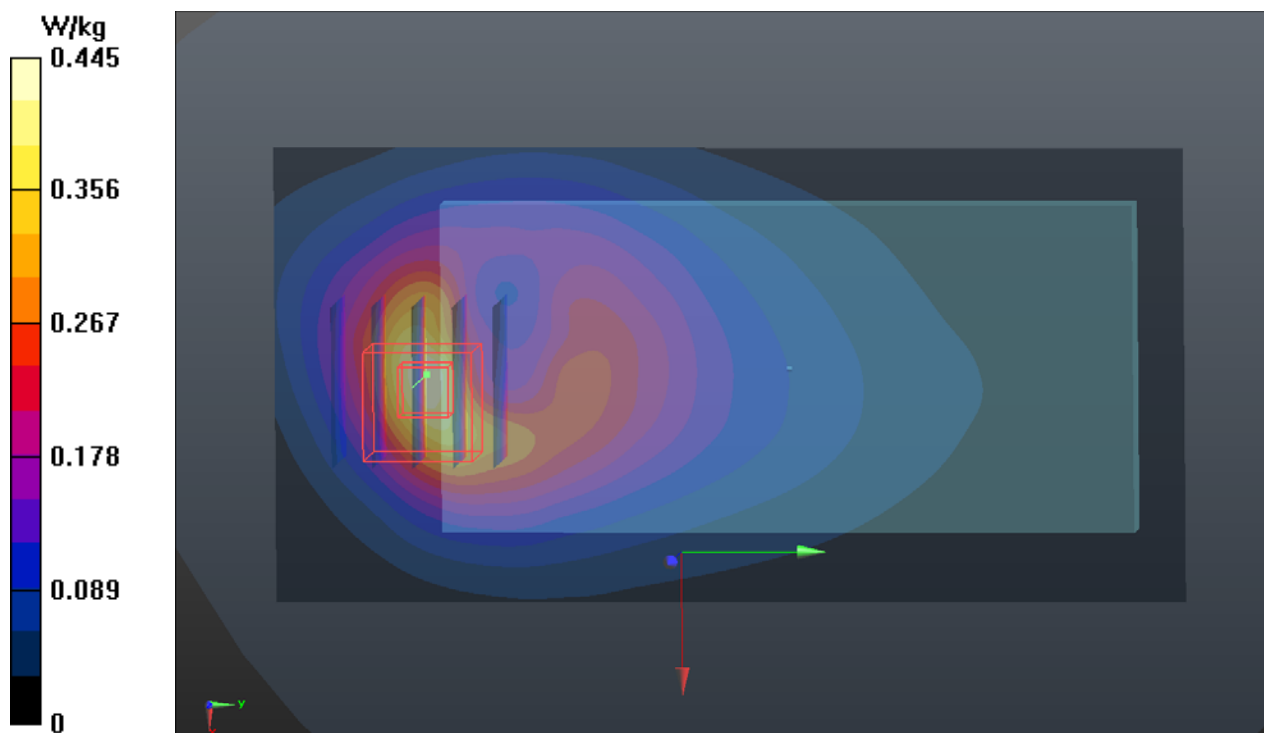
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.927 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.545 W/kg

SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.197 W/kg

Maximum value of SAR (measured) = 0.446 W/kg



P24 802.11b_Front Face_1cm_Ch6**DUT: 140303C07**

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

Medium: B2450_0408 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.951$ S/m; $\epsilon_r = 51.273$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(7.72, 7.72, 7.72); Calibrated: 2014/03/04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- Phantom: SAM Phantom_Front; Type: QD000P40CD; Serial: TP 1654
- 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) = 0.0803 W/kg

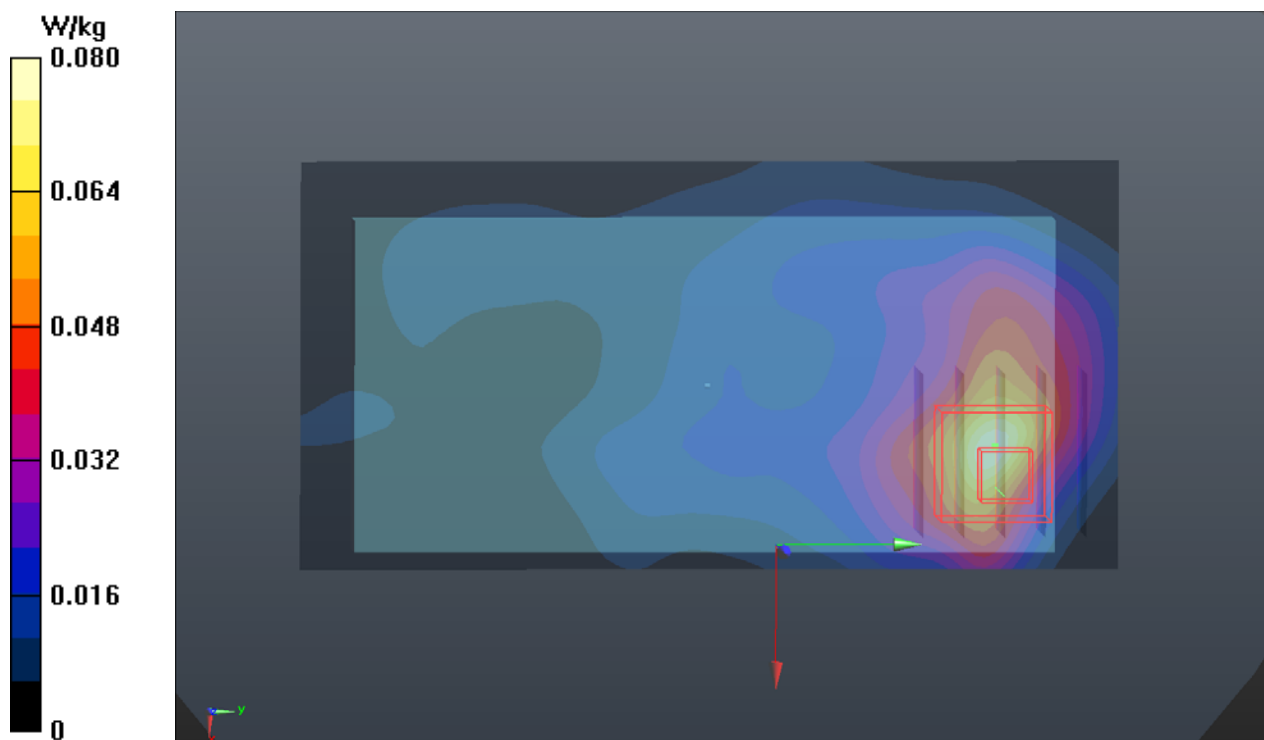
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.472 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.0880 W/kg

SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.025 W/kg

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



P25 802.11a_Front Face_1cm_Ch36**DUT: 140303C07**

Communication System: WLAN_5G; Frequency: 5180 MHz; Duty Cycle: 1:1.12

Medium: B5G_0408 Medium parameters used: $f = 5180$ MHz; $\sigma = 5.16$ S/m; $\epsilon_r = 48.577$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.2 °C; Liquid Temperature : 21.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(5.16, 5.16, 5.16); Calibrated: 2014/03/04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: TP:1206
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (101x161x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.00511 W/kg

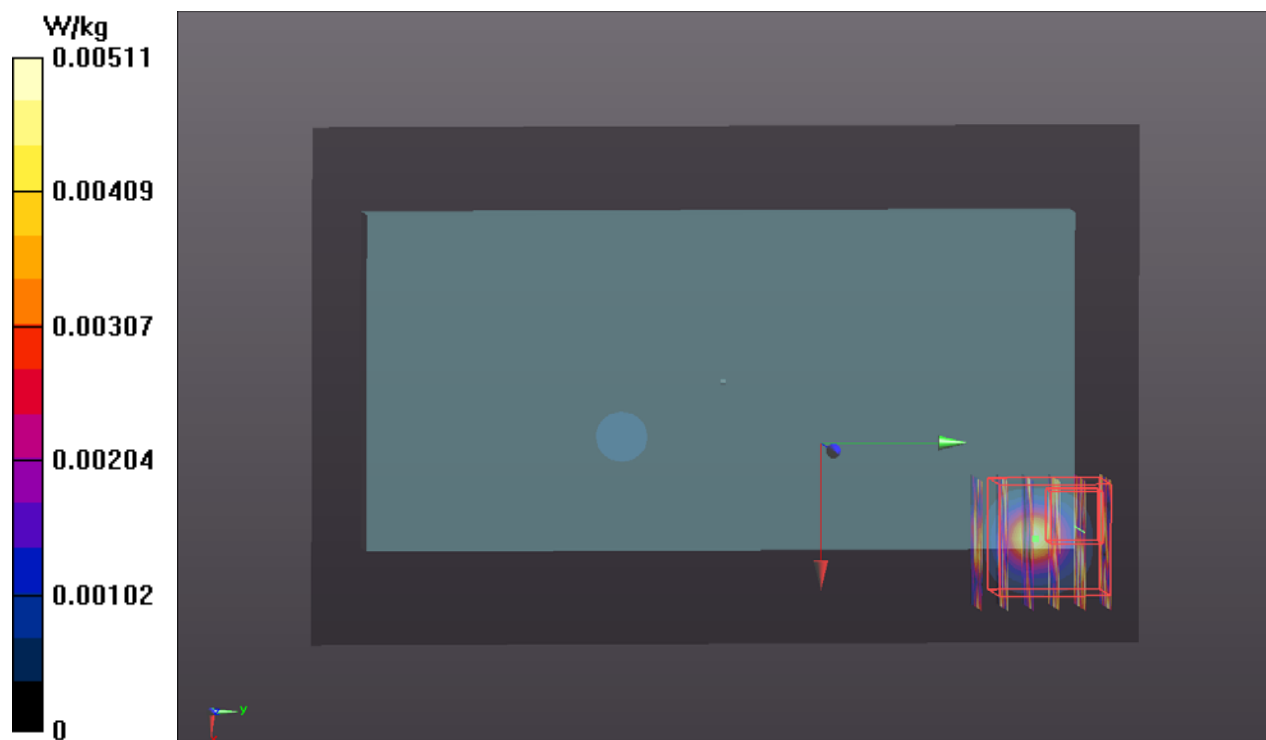
- Zoom Scan (6x6x12)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=2$ mm

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

Peak SAR (extrapolated) = 0.0300 W/kg

SAR(1 g) = 0.00125 W/kg; SAR(10 g) = 0.000158 W/kg

Maximum value of SAR (measured) = 0.0118 W/kg



P26 802.11a_Front Face_1cm_Ch64**DUT: 140303C07**

Communication System: WLAN_5G; Frequency: 5320 MHz; Duty Cycle: 1:1.12

Medium: B5G_0408 Medium parameters used: $f = 5320$ MHz; $\sigma = 5.308$ S/m; $\epsilon_r = 48.253$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.2 °C; Liquid Temperature : 21.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.92, 4.92, 4.92); Calibrated: 2014/03/04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: TP:1206
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.000368 W/kg

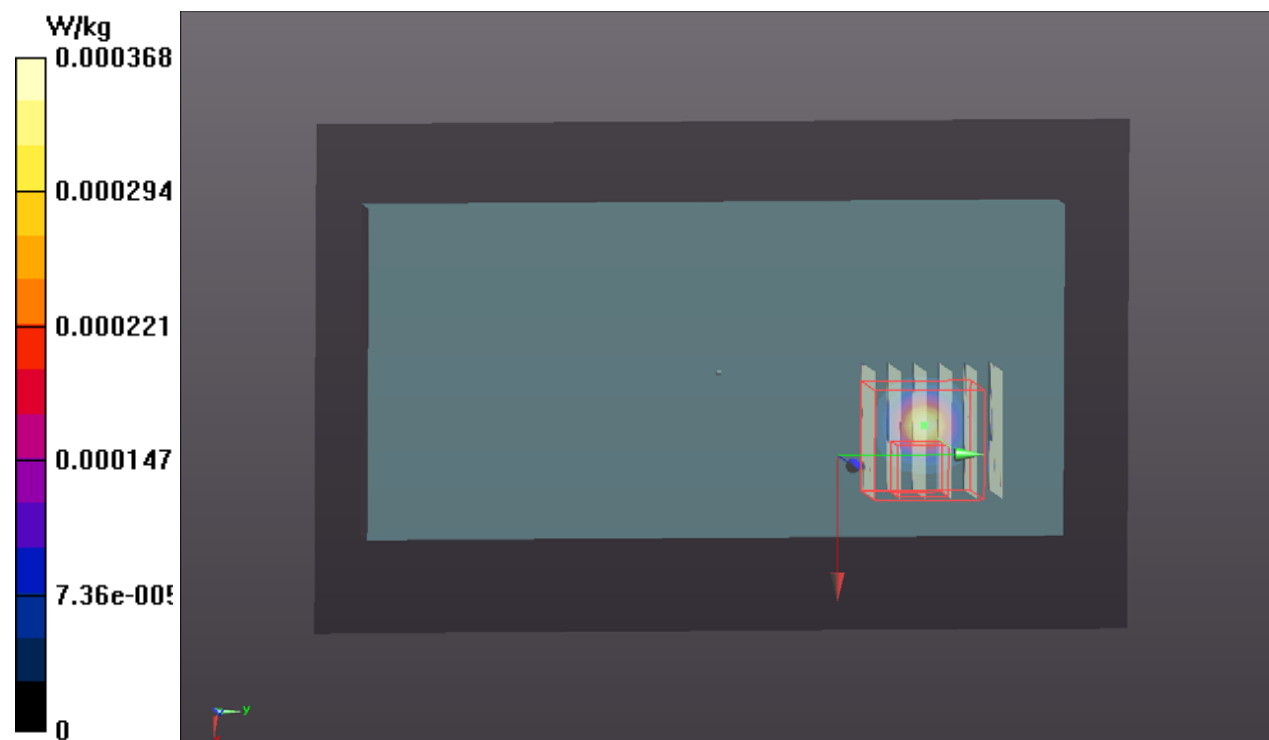
- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

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

Peak SAR (extrapolated) = 0.00780 W/kg

SAR(1 g) = 1.23e-005 W/kg; SAR(10 g) = 1.79e-006 W/kg

Maximum value of SAR (measured) = 0.00802 W/kg



P27 802.11a_Front Face_1cm_Ch100**DUT: 140303C07**

Communication System: WLAN_5G; Frequency: 5500 MHz; Duty Cycle: 1:1.12

Medium: B5G_0408 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.633$ S/m; $\epsilon_r = 47.901$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.2 °C; Liquid Temperature : 21.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.64, 4.64, 4.64); Calibrated: 2014/03/04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: TP:1206
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0147 W/kg

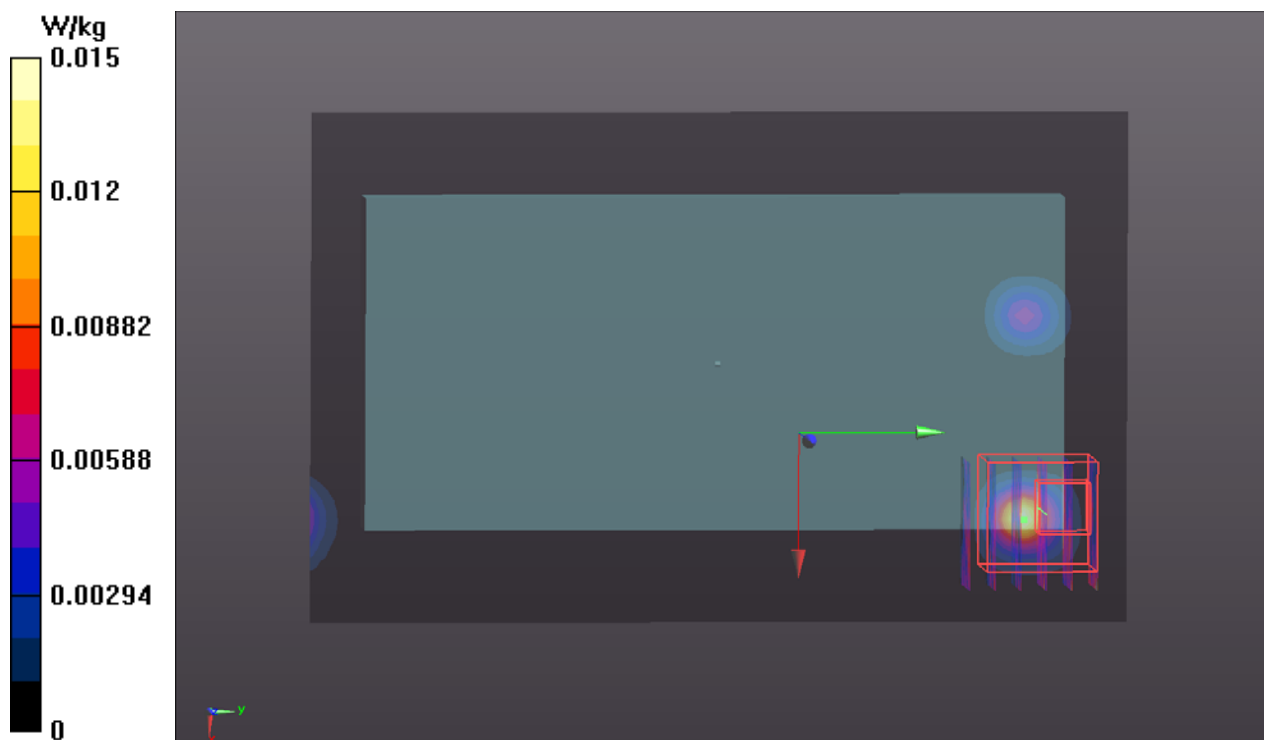
- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.104 W/kg

SAR(1 g) = 0.00711 W/kg; SAR(10 g) = 0.00113 W/kg

Maximum value of SAR (measured) = 0.0174 W/kg



P28 802.11a_Front Face_1cm_Ch149**DUT: 140303C07**

Communication System: WLAN_5G; Frequency: 5745 MHz; Duty Cycle: 1:1.12

Medium: B5G_0408 Medium parameters used: $f = 5745$ MHz; $\sigma = 5.975$ S/m; $\epsilon_r = 47.658$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.2 °C; Liquid Temperature : 21.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.74, 4.74, 4.74); Calibrated: 2014/03/04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: TP:1206
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.00481 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) = 0.00812 W/kg

SAR(1 g) = 3.33e-005 W/kg; SAR(10 g) = 5.1e-006 W/kg

Maximum value of SAR (measured) = 0.0112 W/kg

