

P01 GSM850_GPRS11_Right Cheek_128**DUT: EUT**

Communication System: UID 0, GPRS 3TX (0); Frequency: 824.2 MHz; Duty Cycle: 1:2.67
Medium: HSL850 Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.897$ S/m; $\epsilon_r = 42.156$;
 $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: ES3DV3 - SN3240; ConvF(6.13, 6.13, 6.13); Calibrated: 3/28/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn420; Calibrated: 3/22/2018
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1469
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Configuration/Test/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.04 W/kg

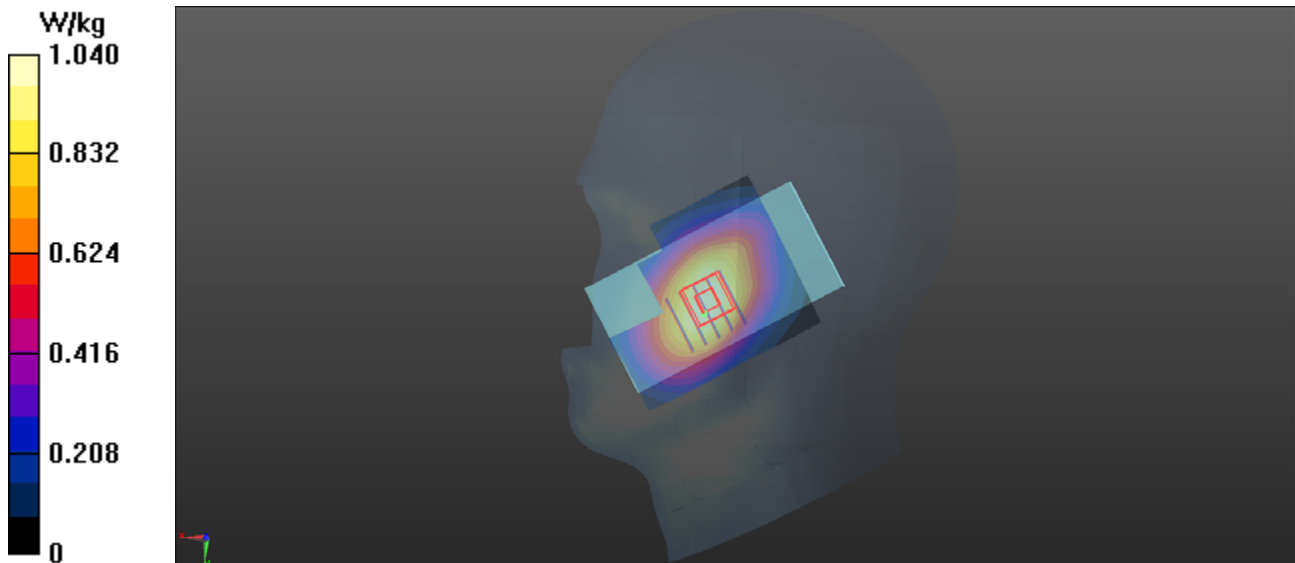
Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.74 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.947 W/kg; SAR(10 g) = 0.707 W/kg

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



P02 GSM1900_GPRS11_Left Cheek_512**DUT: EUT**

Communication System: UID 0, GPRS 3TX (0); Frequency: 1850.2 MHz; Duty Cycle: 1:2.67
Medium: HSL1900 Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.305$ S/m; $\epsilon_r = 40.364$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: ES3DV3 - SN3240; ConvF(5.13, 5.13, 5.13); Calibrated: 3/28/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn420; Calibrated: 3/22/2018
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1469
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Configuration/Test/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.360 W/kg

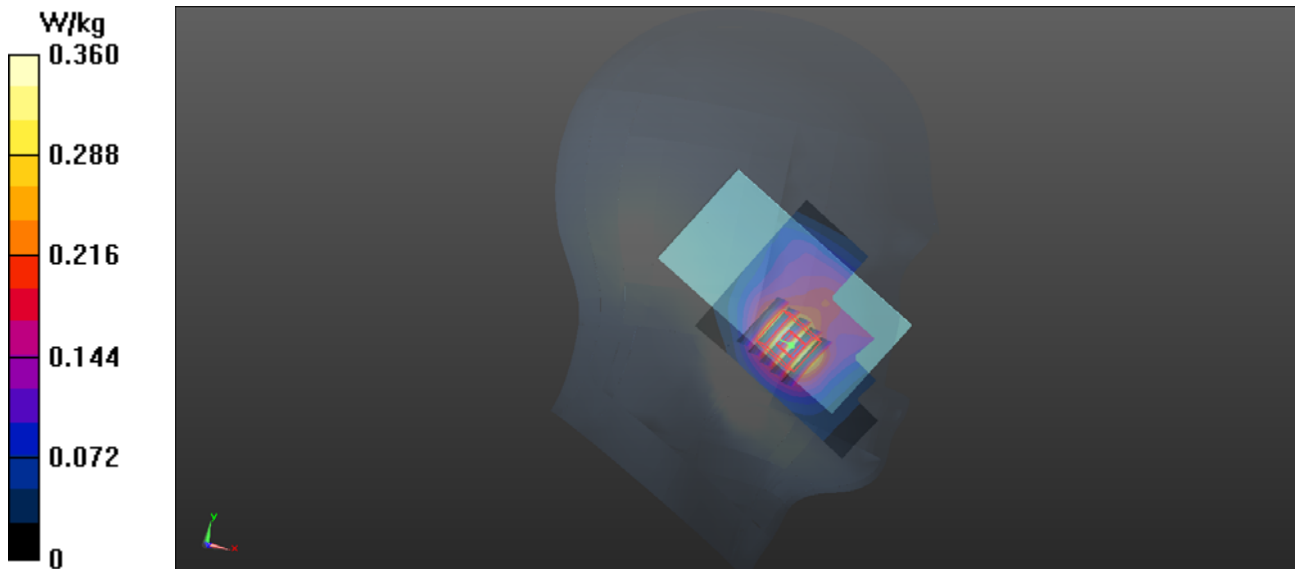
Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.217 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.483 W/kg

SAR(1 g) = 0.323 W/kg; SAR(10 g) = 0.203 W/kg

Maximum value of SAR (measured) = 0.379 W/kg



P03 WCDMA II_RMC12.2K_Right Cheek_9262

DUT: EUT

Communication System: UID 0, WCDMA (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1
 Medium: HSL1900 Medium parameters used (interpolated): $f = 1852.4 \text{ MHz}$; $\sigma = 1.306 \text{ S/m}$; $\epsilon_r = 40.367$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Probe: ES3DV3 - SN3240; ConvF(5.13, 5.13, 5.13); Calibrated: 3/28/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn420; Calibrated: 3/22/2018
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1469
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Configuration/Test/Area Scan (61x71x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.751 W/kg

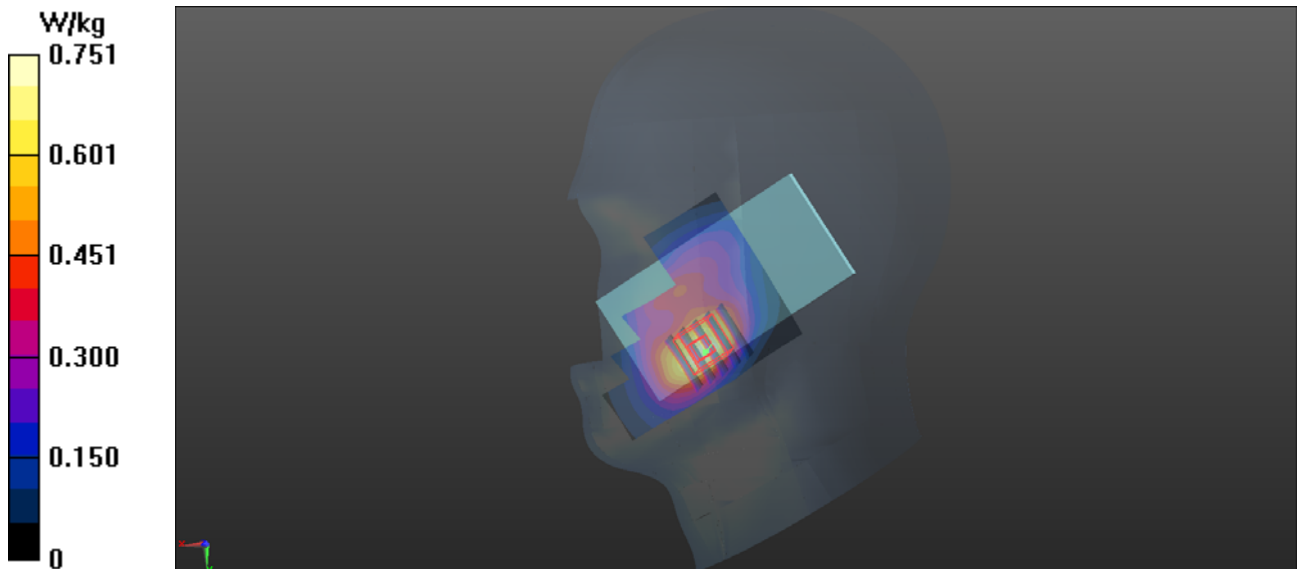
Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.357 V/m ; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.639 W/kg ; SAR(10 g) = 0.388 W/kg

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



P04 WCDMA V_RMC12.2K_Right Cheek_4132**DUT: EUT**

Communication System: UID 0, WCDMA (0); Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: HSL850 Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.898$ S/m; $\epsilon_r = 42.038$;

$\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: ES3DV3 - SN3240; ConvF(6.13, 6.13, 6.13); Calibrated: 3/28/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn420; Calibrated: 3/22/2018
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1469
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Configuration/Test/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.452 W/kg

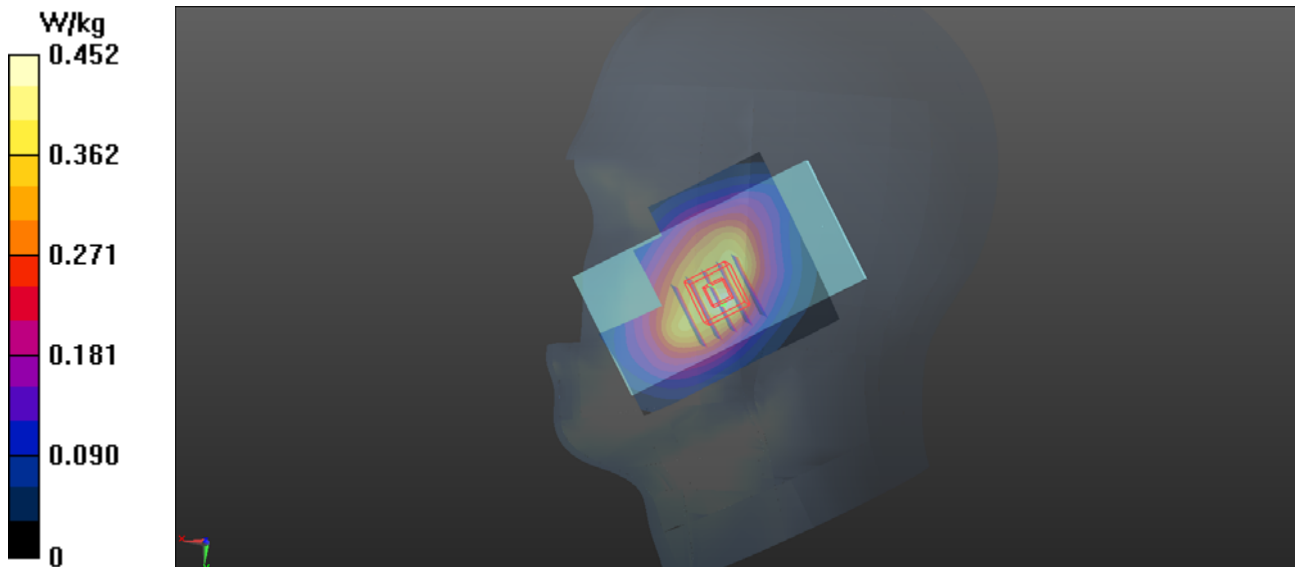
Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.168 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.513 W/kg

SAR(1 g) = 0.402 W/kg; SAR(10 g) = 0.276 W/kg

Maximum value of SAR (measured) = 0.473 W/kg



P05 802.11b_Right Cheek_6

DUT: EUT

Communication System: UID 0, 802.11b (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.762$ S/m; $\epsilon_r = 40.236$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: ES3DV3 - SN3240; ConvF(4.74, 4.74, 4.74); Calibrated: 3/28/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn420; Calibrated: 3/22/2018
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1469
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Configuration/Test/Area Scan (61x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.314 W/kg

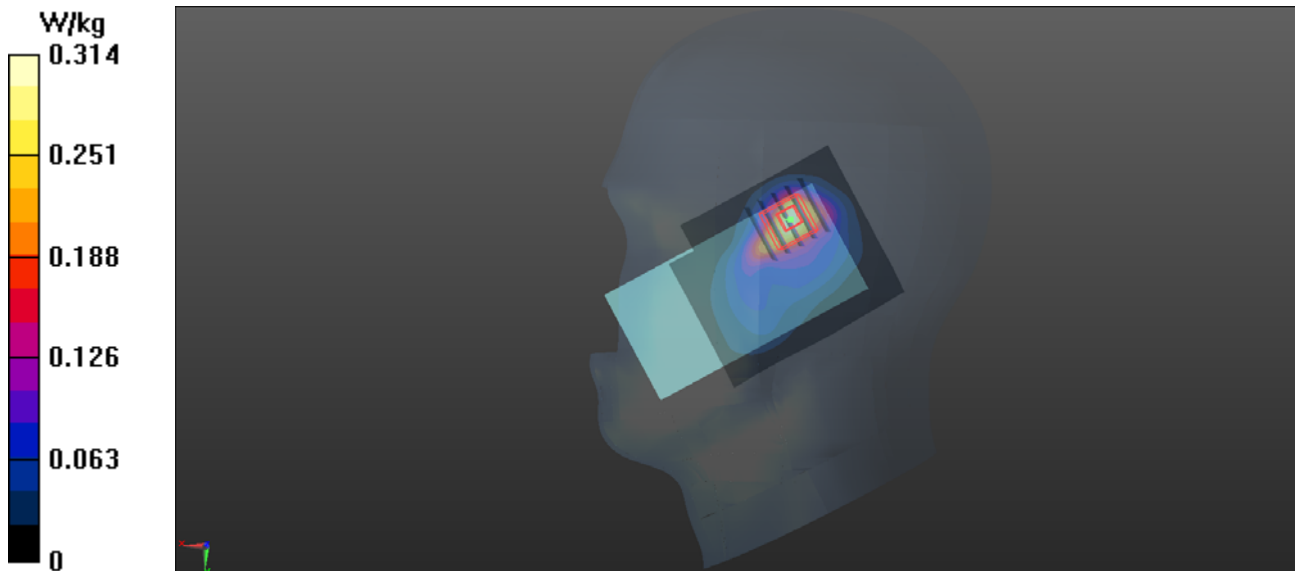
Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.983 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.468 W/kg

SAR(1 g) = 0.216 W/kg; SAR(10 g) = 0.106 W/kg

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



P06 GSM850_GPRS11_Rear Face_1cm_128

DUT: EUT

Communication System: UID 0, GPRS 3TX (0); Frequency: 824.2 MHz; Duty Cycle: 1:2.67
 Medium: MSL835 Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.995$ S/m; $\epsilon_r = 55.696$;
 $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: ES3DV3 - SN3240; ConvF(6.29, 6.29, 6.29); Calibrated: 3/28/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn420; Calibrated: 3/22/2018
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1469
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Configuration/Test/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 1.21 W/kg

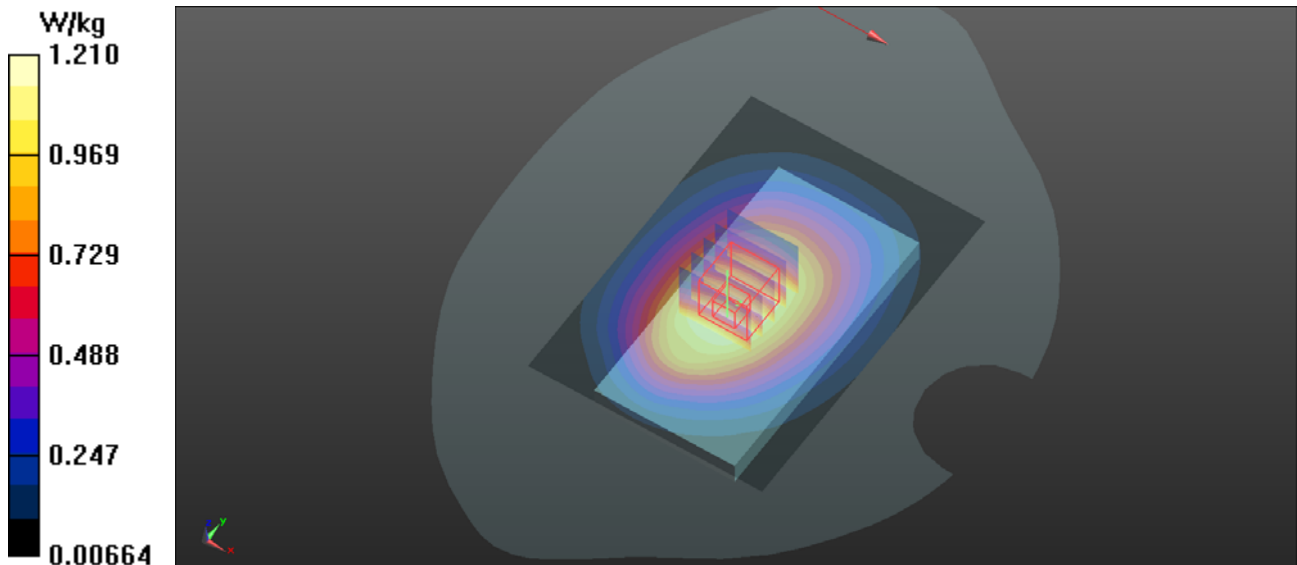
Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.27 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.808 W/kg

Maximum value of SAR (measured) = 1.22 W/kg



P07 GSM1900_GPRS11_Bottom Side_1cm_512

DUT: EUT

Communication System: UID 0, GPRS 3TX (0); Frequency: 1850.2 MHz; Duty Cycle: 1:2.67
 Medium: MSL1900 Medium parameters used (interpolated): $f = 1850.2 \text{ MHz}$; $\sigma = 1.464 \text{ S/m}$; $\epsilon_r = 53.858$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Probe: ES3DV3 - SN3240; ConvF(4.8, 4.8, 4.8); Calibrated: 3/28/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn420; Calibrated: 3/22/2018
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1469
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Configuration/Test/Area Scan (61x71x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.828 W/kg

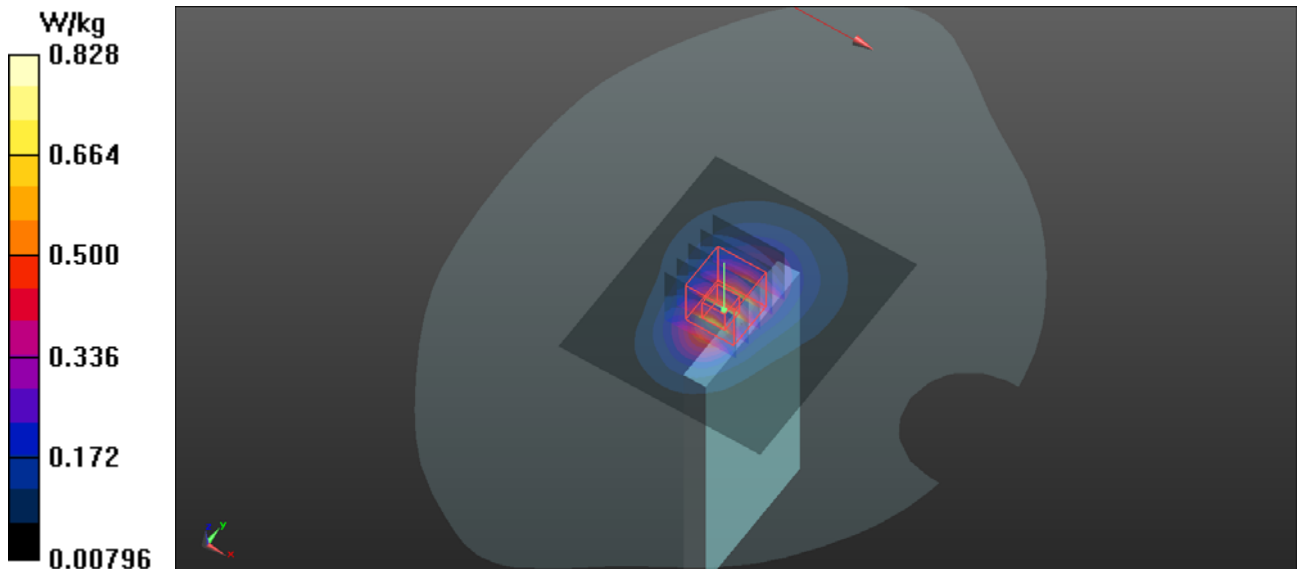
Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 22.59 V/m ; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.661 W/kg ; SAR(10 g) = 0.362 W/kg

Maximum value of SAR (measured) = 0.824 W/kg



P08 WCDMA II_RMC12.2K_Bottom Side_1cm_9262

DUT: EUT

Communication System: UID 0, WCDMA (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1
 Medium: MSL1900 Medium parameters used (interpolated): $f = 1852.4 \text{ MHz}$; $\sigma = 1.467 \text{ S/m}$; $\epsilon_r = 53.849$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Probe: ES3DV3 - SN3240; ConvF(4.8, 4.8, 4.8); Calibrated: 3/28/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn420; Calibrated: 3/22/2018
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1469
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Configuration/Test/Area Scan (61x71x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 1.56 W/kg

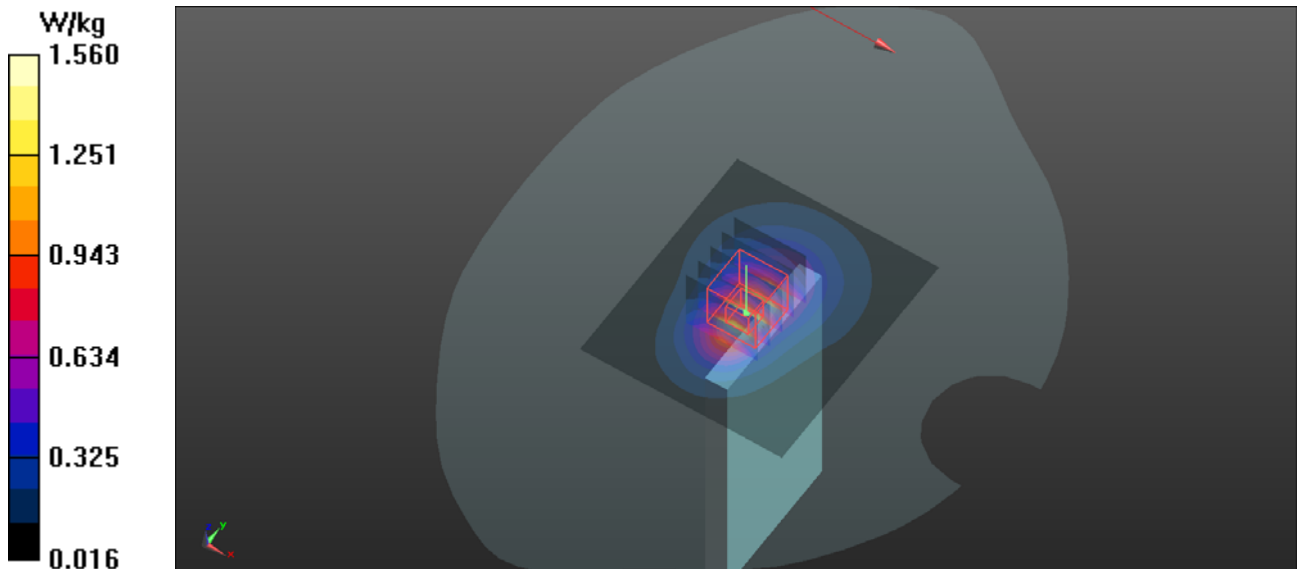
Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 31.18 V/m ; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.11 W/kg

SAR(1 g) = 1.25 W/kg ; SAR(10 g) = 0.688 W/kg

Maximum value of SAR (measured) = 1.55 W/kg



P09 WCDMA V_RMC12.2K_Front Face_1cm_4132

DUT: EUT

Communication System: UID 0, WCDMA (0); Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL835 Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.997$ S/m; $\epsilon_r = 55.592$;

$\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: ES3DV3 - SN3240; ConvF(6.29, 6.29, 6.29); Calibrated: 3/28/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn420; Calibrated: 3/22/2018
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1469
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Configuration/Test/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.386 W/kg

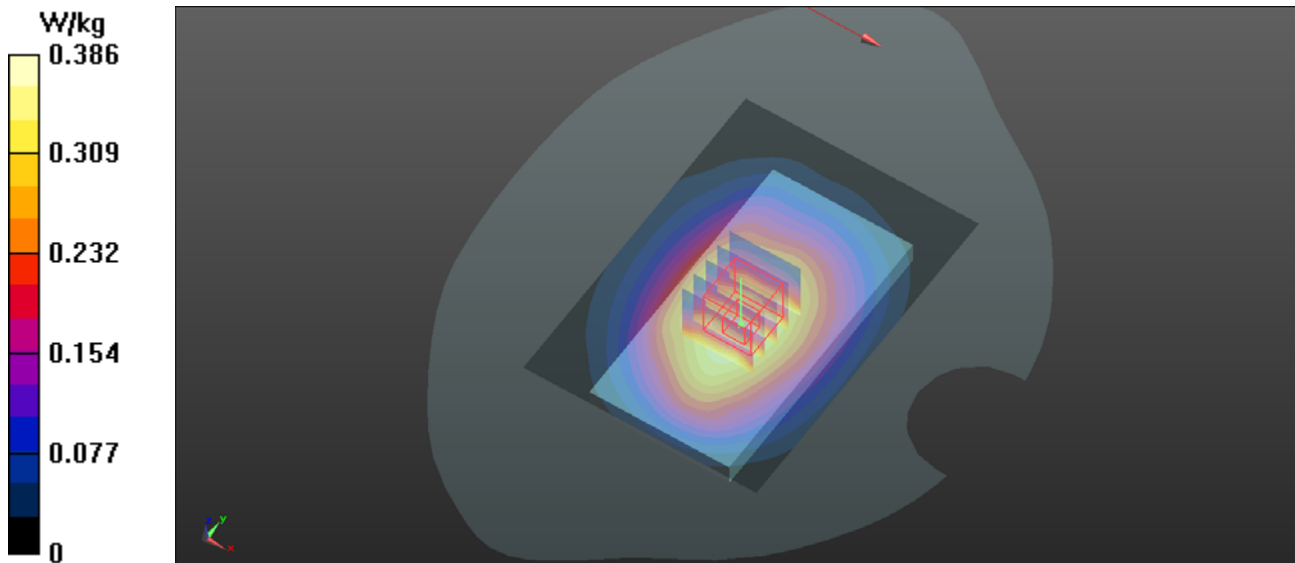
Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.88 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.595 W/kg

SAR(1 g) = 0.358 W/kg; SAR(10 g) = 0.254 W/kg

Maximum value of SAR (measured) = 0.478 W/kg



P10 802.11b_Front Face_1cm_6

DUT: EUT

Communication System: UID 0, 802.11b (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.951$ S/m; $\epsilon_r = 51.789$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: ES3DV3 - SN3240; ConvF(4.57, 4.57, 4.57); Calibrated: 3/28/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn420; Calibrated: 3/22/2018
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1469
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Configuration/Test/Area Scan (71x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0473 W/kg

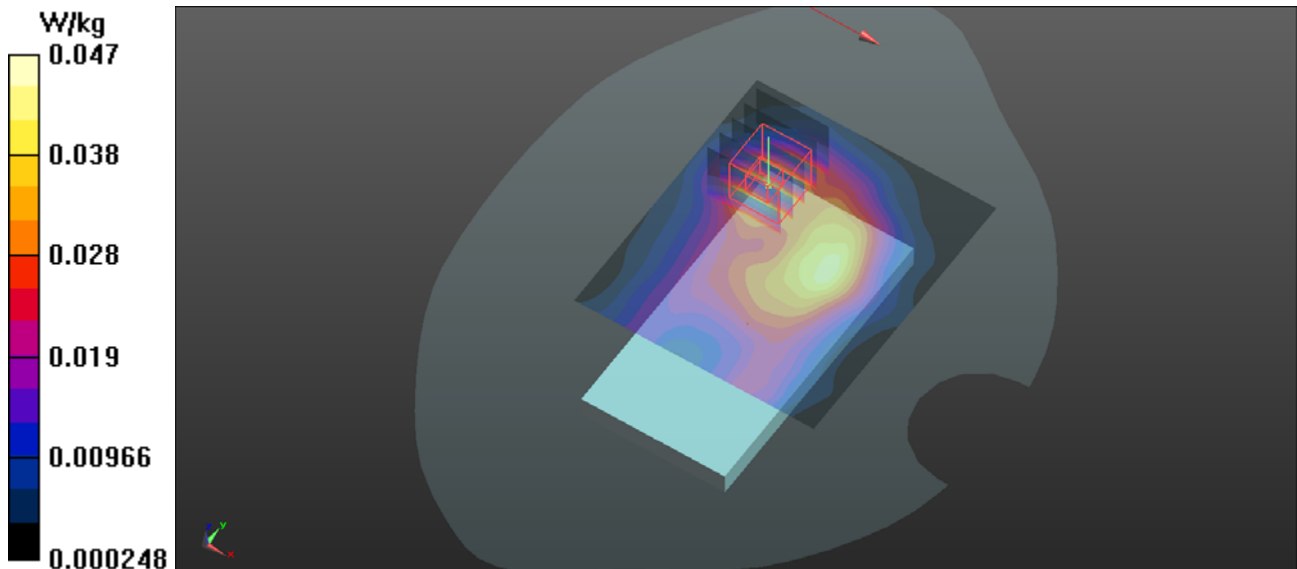
Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.740 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0740 W/kg

SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.020 W/kg

Maximum value of SAR (measured) = 0.0464 W/kg



P11 GSM1900_GPRS11_Front Face_1cm_512

DUT: EUT

Communication System: UID 0, GPRS 3TX (0); Frequency: 1850.2 MHz; Duty Cycle: 1:2.67
 Medium: MSL1900 Medium parameters used (interpolated): $f = 1850.2 \text{ MHz}$; $\sigma = 1.464 \text{ S/m}$; $\epsilon_r = 53.858$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Probe: ES3DV3 - SN3240; ConvF(4.8, 4.8, 4.8); Calibrated: 3/28/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn420; Calibrated: 3/22/2018
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1469
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Configuration/Test/Area Scan (61x71x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.596 W/kg

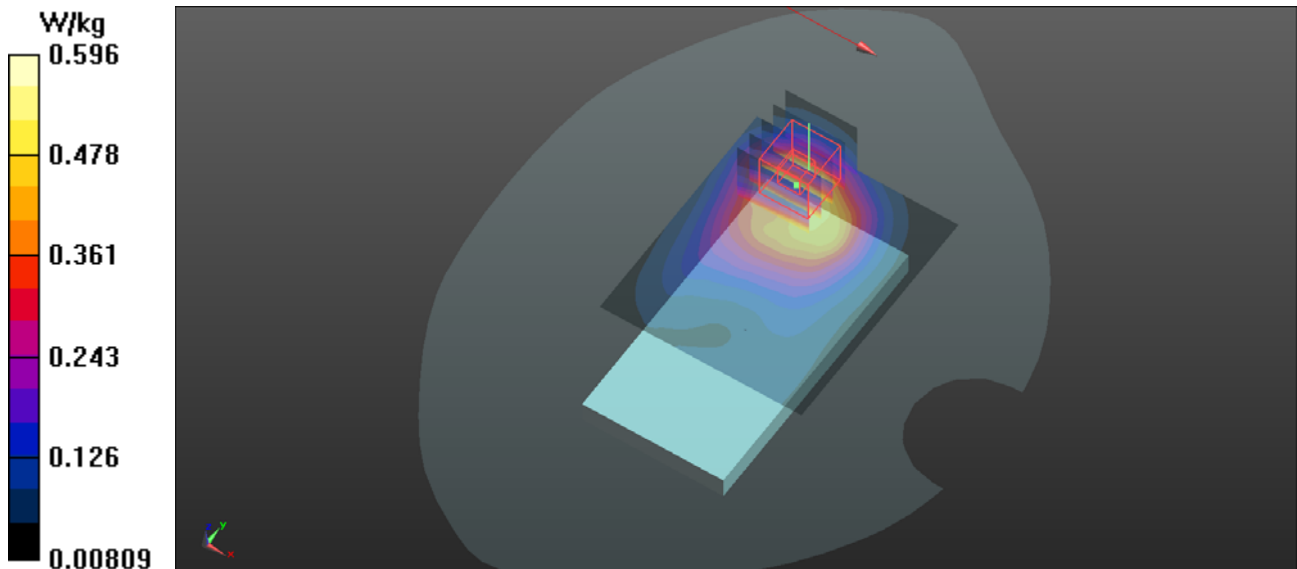
Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.029 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.775 W/kg

SAR(1 g) = 0.481 W/kg ; SAR(10 g) = 0.283 W/kg

Maximum value of SAR (measured) = 0.549 W/kg



P12 WCDMA II_RMC12.2K_Front Face_1cm_9262

DUT: EUT

Communication System: UID 0, WCDMA (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium: MSL1900 Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.467$ S/m; $\epsilon_r = 53.849$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: ES3DV3 - SN3240; ConvF(4.8, 4.8, 4.8); Calibrated: 3/28/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn420; Calibrated: 3/22/2018
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1469
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Configuration/Test/Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.06 W/kg

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

Reference Value = 9.949 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.67 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.598 W/kg

Maximum value of SAR (measured) = 1.22 W/kg

