

P01 GSM850_GPRS11_Right Cheek_190

DUT: EUT

Communication System: UID 0, GPRS 3TX (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.67

Medium: HSL835 Medium parameters used: $f = 837$ MHz; $\sigma = 0.933$ S/m; $\epsilon_r = 42.942$; $\rho = 1000$ 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 (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

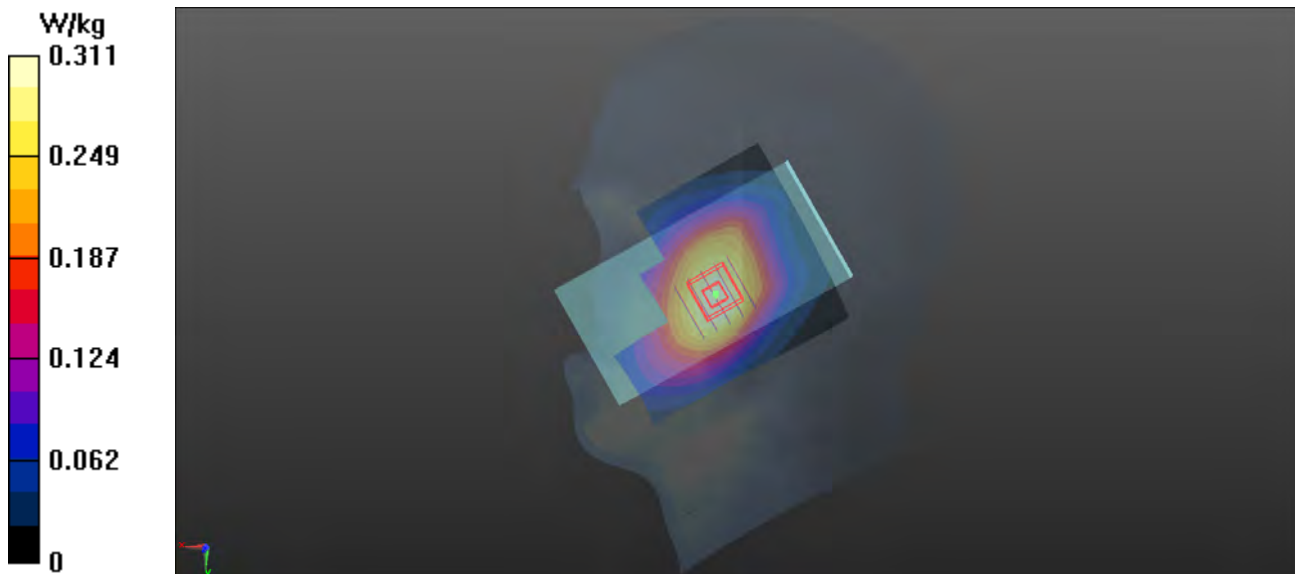
Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.235 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.353 W/kg

SAR(1 g) = 0.280 W/kg; SAR(10 g) = 0.213 W/kg

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



P02 GSM1900_GPRS10_Right Cheek_512**DUT: EUT**

Communication System: UID 0, GPRS 2TX (0); Frequency: 1850.2 MHz; Duty Cycle: 1:4
Medium: HSL1900 Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.333$ S/m; $\epsilon_r = 39.731$; $\rho = 1000$ 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 (71x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.126 W/kg

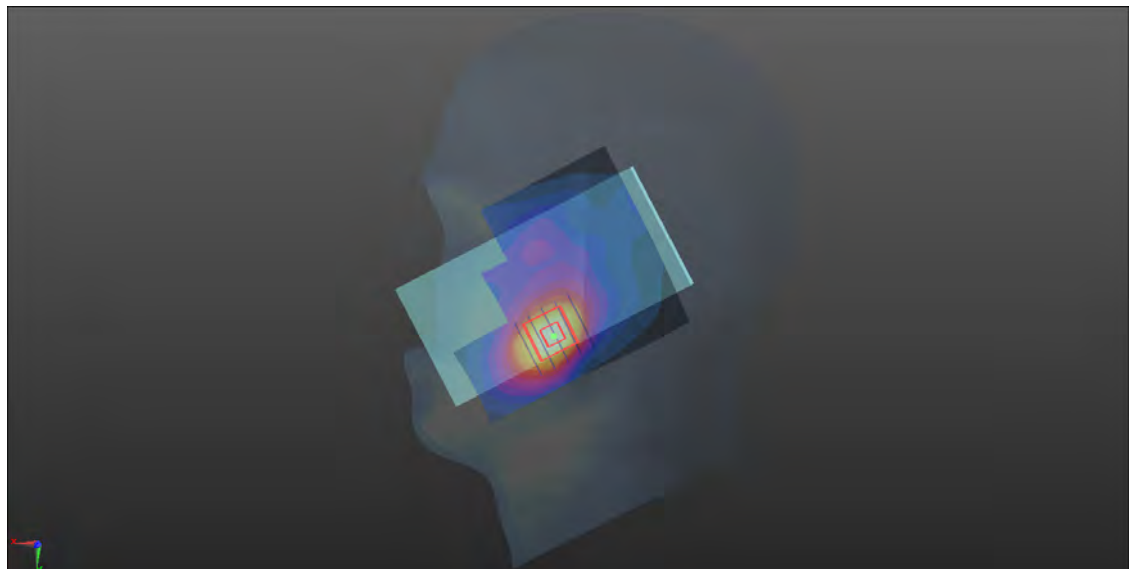
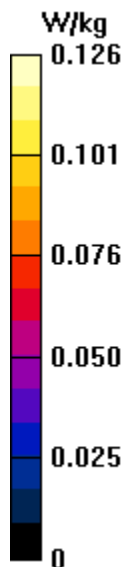
Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.691 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.171 W/kg

SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.070 W/kg

Maximum value of SAR (measured) = 0.132 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): $f = 1852.4$ MHz; $\sigma = 1.336$ S/m; $\epsilon_r = 39.719$; $\rho = 1000$ 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 (71x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.229 W/kg

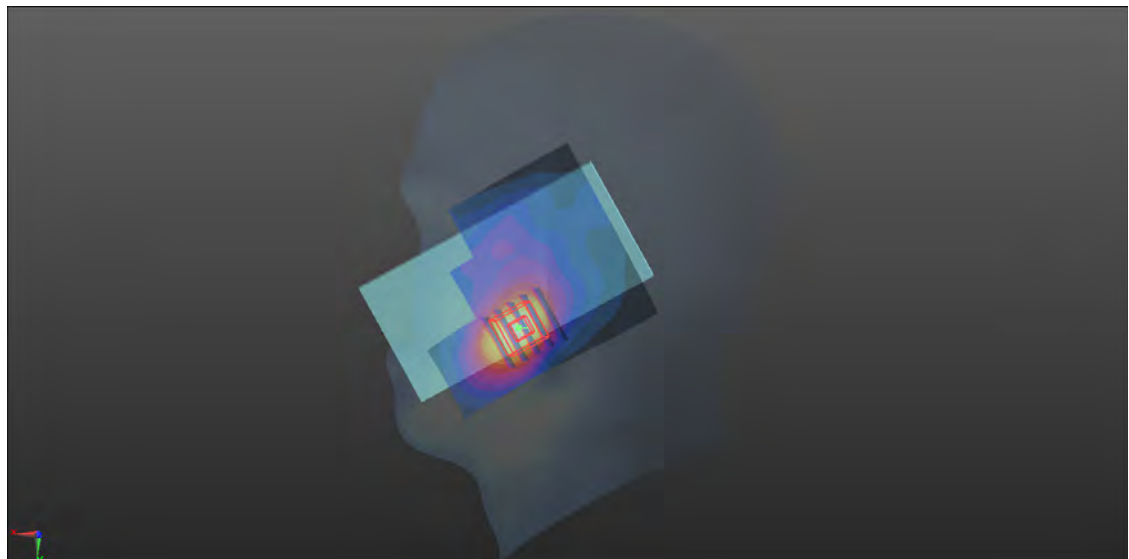
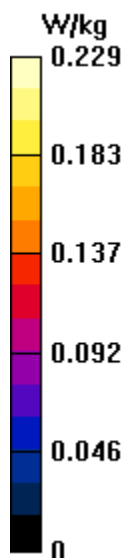
Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.845 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.310 W/kg

SAR(1 g) = 0.200 W/kg; SAR(10 g) = 0.125 W/kg

Maximum value of SAR (measured) = 0.235 W/kg



P04 WCDMA IV_RMC12.2K_Right Cheek_1413

DUT: EUT

Communication System: UID 0, WCDMA (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1
Medium: HSL1800 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.347$ S/m; $\epsilon_r = 40.715$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: ES3DV3 - SN3240; ConvF(5.33, 5.33, 5.33); 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=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.199 W/kg

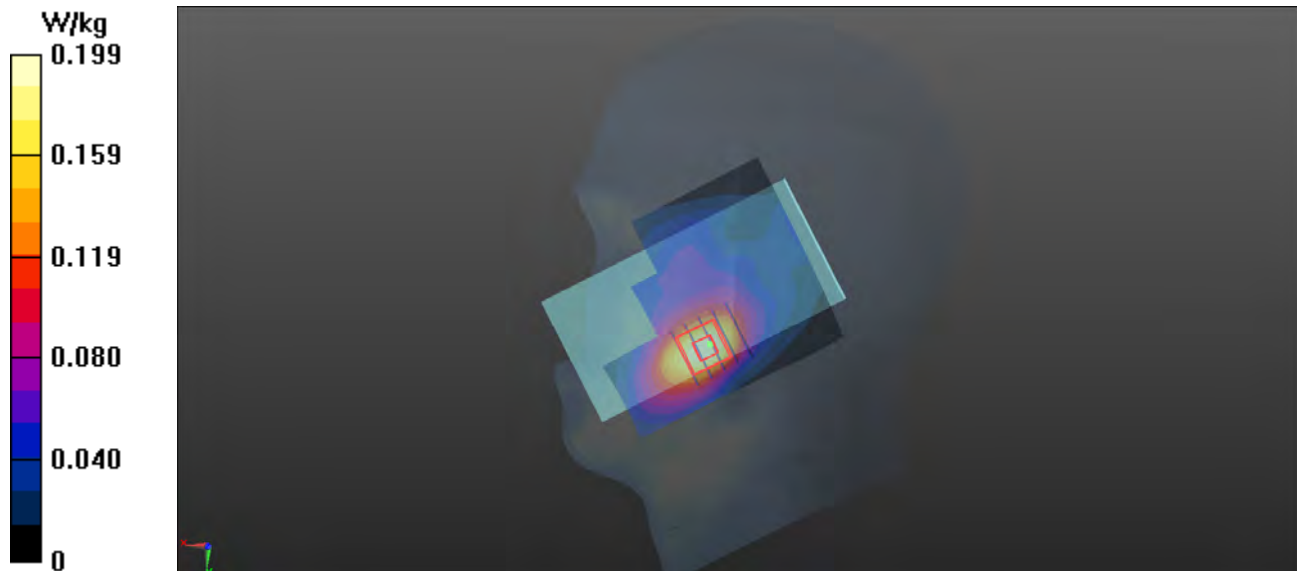
Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.262 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.263 W/kg

SAR(1 g) = 0.173 W/kg; SAR(10 g) = 0.111 W/kg

Maximum value of SAR (measured) = 0.198 W/kg



P05 WCDMA V_RMC12.2K_Right Cheek_4132

DUT: EUT

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

Medium: HSL835 Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.923$ S/m; $\epsilon_r = 43.067$;

$\rho = 1000$ 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 (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.371 W/kg

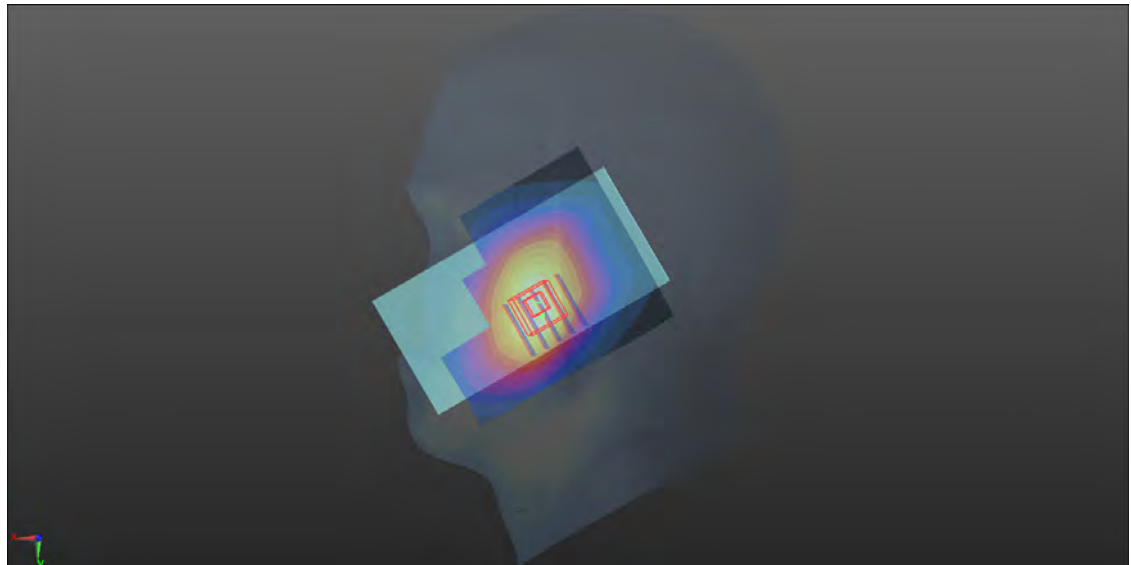
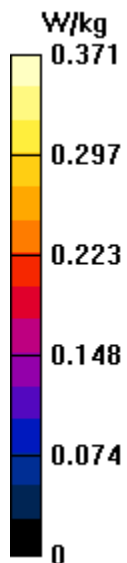
Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.790 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.432 W/kg

SAR(1 g) = 0.337 W/kg; SAR(10 g) = 0.252 W/kg

Maximum value of SAR (measured) = 0.371 W/kg



P06 LTE 5_QPSK10M_Right Cheek_20450_1RB_0 Offset

DUT: EUT

Communication System: UID 0, LTE FDD (0); Frequency: 829 MHz; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: $f = 829 \text{ MHz}$; $\sigma = 0.925 \text{ S/m}$; $\epsilon_r = 43.032$; $\rho = 1000 \text{ kg/m}^3$

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 (71x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 0.322 W/kg

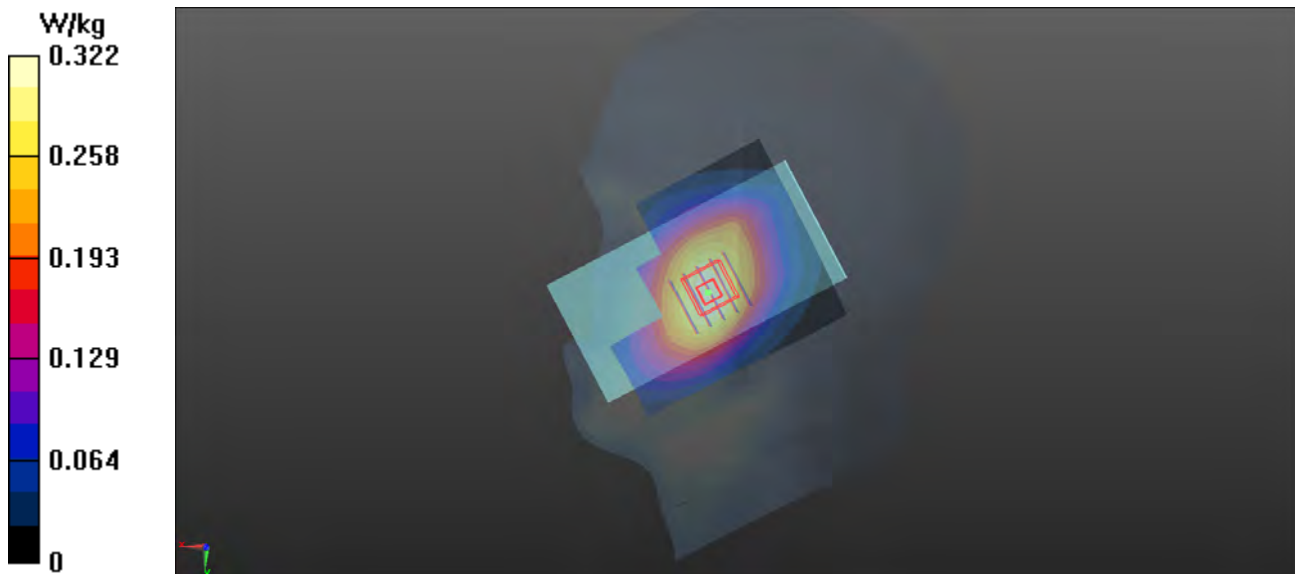
Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.167 V/m ; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.369 W/kg

SAR(1 g) = 0.293 W/kg ; SAR(10 g) = 0.221 W/kg

Maximum value of SAR (measured) = 0.327 W/kg



P07 LTE 7_QPSK20M_Left Cheek_21100_1RB_99 Offset

DUT: EUT

Communication System: UID 0, LTE FDD (0); Frequency: 2535 MHz; Duty Cycle: 1:1
Medium: HSL2600 Medium parameters used: $f = 2535$ MHz; $\sigma = 1.976$ S/m; $\epsilon_r = 38.622$; $\rho = 1000$ 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 (71x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.429 W/kg

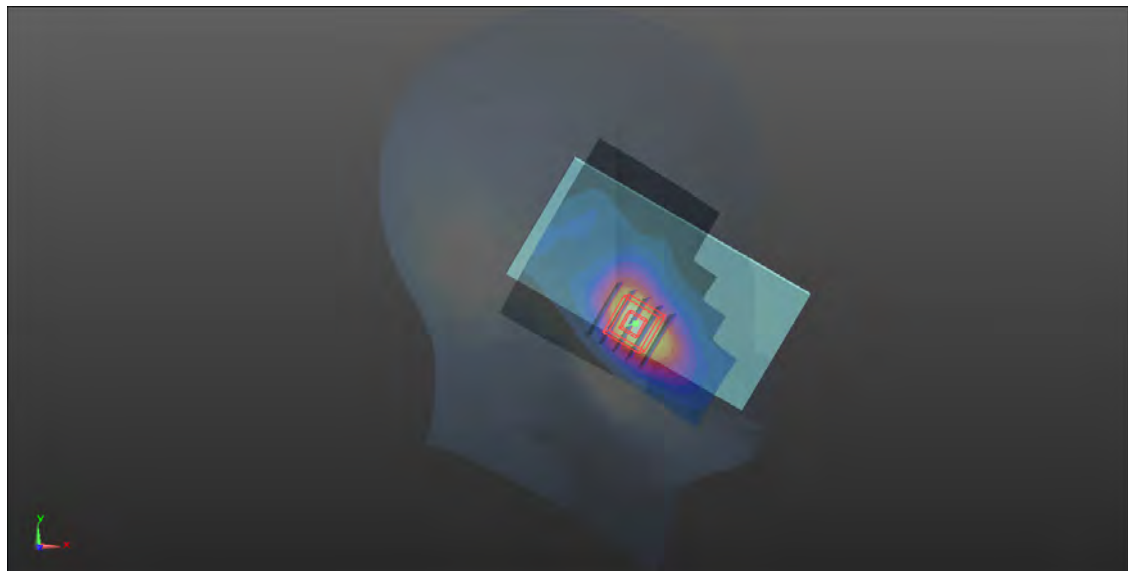
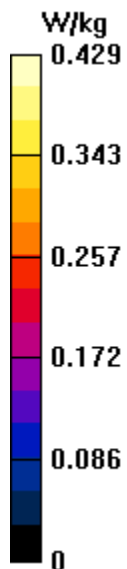
Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.966 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.599 W/kg

SAR(1 g) = 0.345 W/kg; SAR(10 g) = 0.191 W/kg

Maximum value of SAR (measured) = 0.417 W/kg



P08 802.11b_Right Cheek_1

DUT: EUT

Communication System: UID 0, 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.799$ S/m; $\epsilon_r = 38.163$; $\rho = 1000$ 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 (71x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.724 W/kg

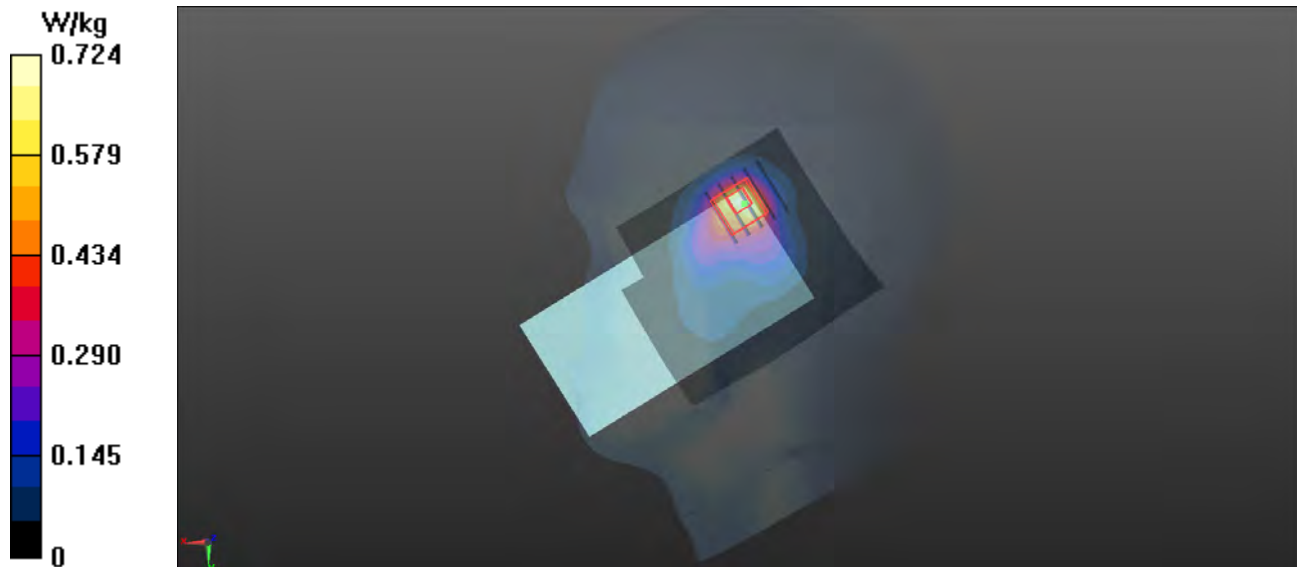
Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.98 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.584 W/kg; SAR(10 g) = 0.284 W/kg

Maximum value of SAR (measured) = 0.713 W/kg



P09 GSM850_GPRS11_Rear Face_1cm_190

DUT: EUT

Communication System: UID 0, GPRS 3TX (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.67

Medium: MSL835 Medium parameters used: $f = 837$ MHz; $\sigma = 0.997$ S/m; $\epsilon_r = 56.059$; $\rho = 1000$ 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 (71x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.411 W/kg

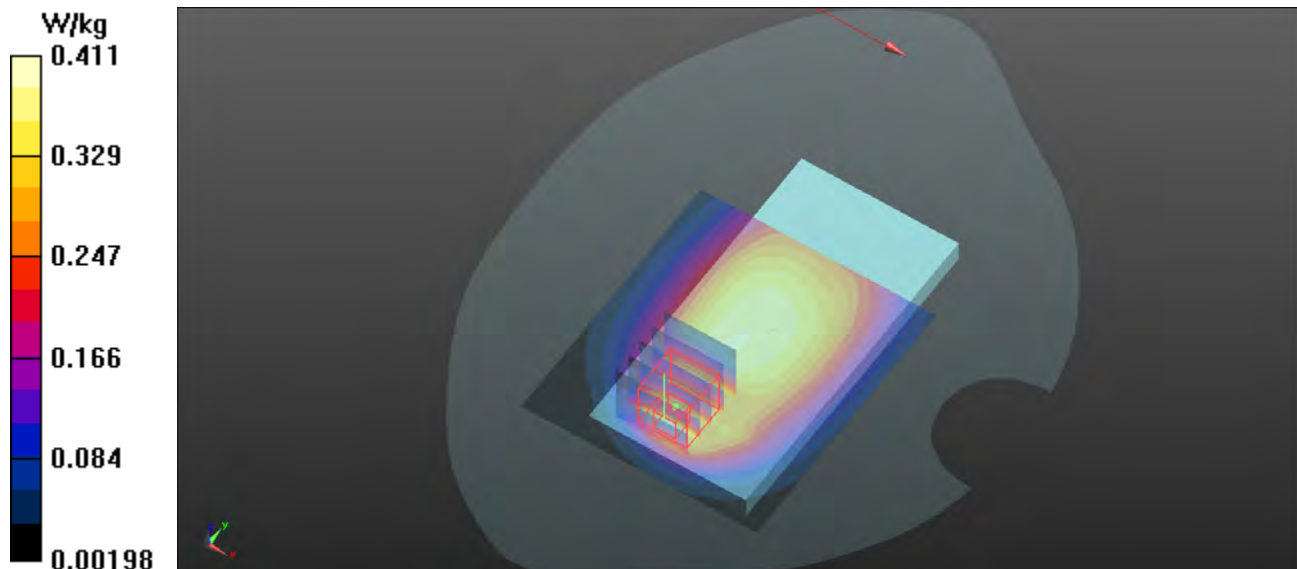
Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.90 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.615 W/kg

SAR(1 g) = 0.345 W/kg; SAR(10 g) = 0.204 W/kg

Maximum value of SAR (measured) = 0.427 W/kg



P10 GSM1900_GPRS10_Bottom Side_1cm_512**DUT: EUT**

Communication System: UID 0, GPRS 2TX (0); Frequency: 1850.2 MHz; Duty Cycle: 1:4
Medium: MSL1900 Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.488$ S/m; $\epsilon_r = 53.057$; $\rho = 1000$ 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 (61x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.504 W/kg

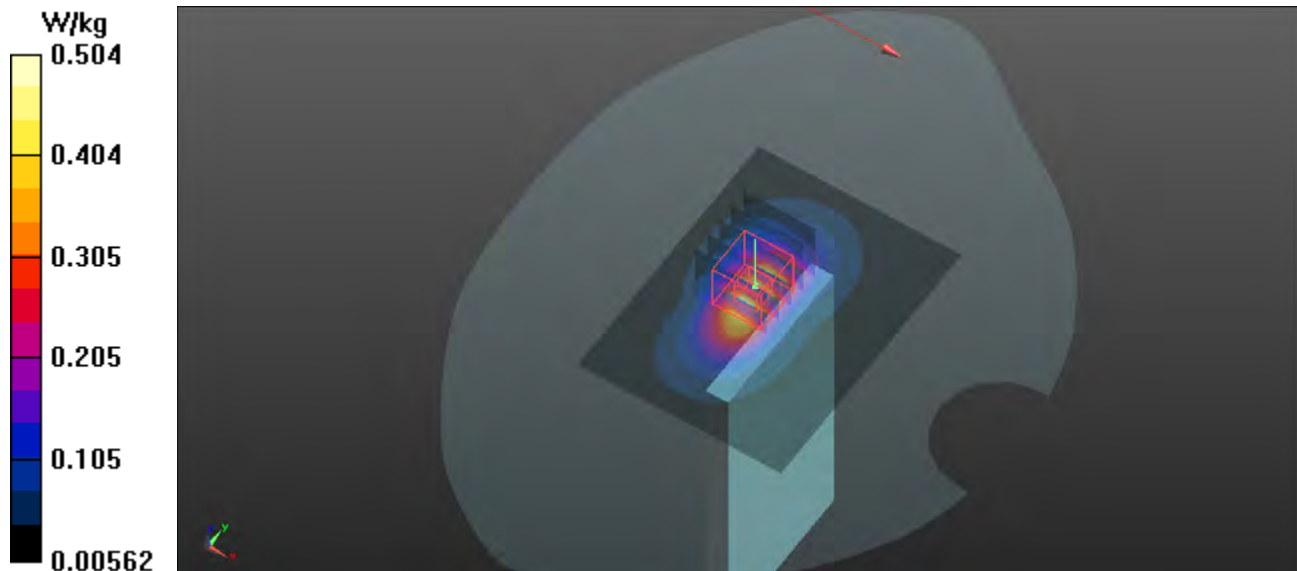
Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.25 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.691 W/kg

SAR(1 g) = 0.409 W/kg; SAR(10 g) = 0.226 W/kg

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



P11 WCDMA II_RMC12.2K_Rear Face_1cm_9400

DUT: EUT

Communication System: UID 0, WCDMA (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.521$ S/m; $\epsilon_r = 52.952$; $\rho = 1000$ 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 (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.966 W/kg

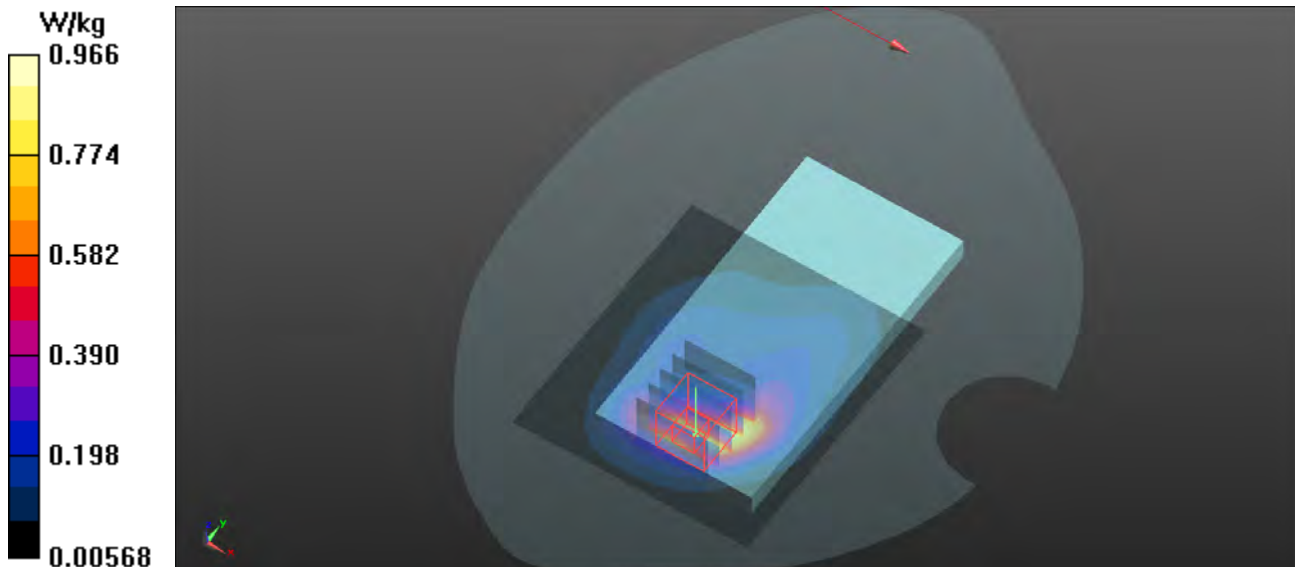
Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.856 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.763 W/kg; SAR(10 g) = 0.414 W/kg

Maximum value of SAR (measured) = 0.959 W/kg



P12 WCDMA IV_RMC12.2K_Bottom Side_1cm_1413

DUT: EUT

Communication System: UID 0, WCDMA (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1
Medium: MSL1800 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.44$ S/m; $\epsilon_r = 54.588$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: ES3DV3 - SN3240; ConvF(4.99, 4.99, 4.99); 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 (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.703 W/kg

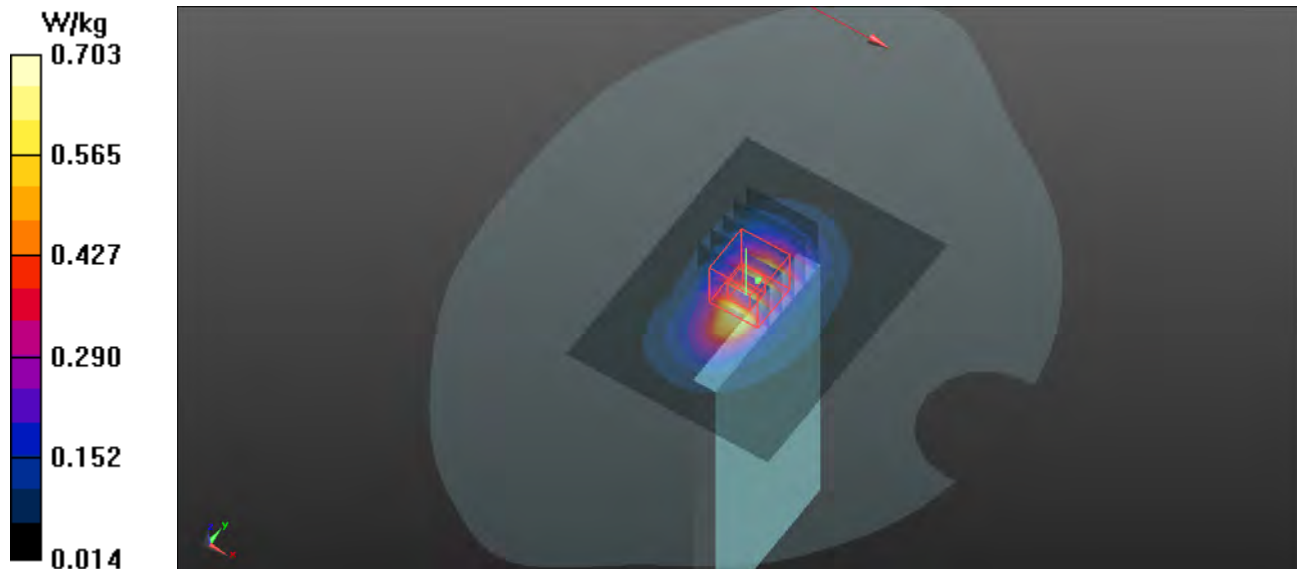
Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.68 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.953 W/kg

SAR(1 g) = 0.583 W/kg; SAR(10 g) = 0.331 W/kg

Maximum value of SAR (measured) = 0.717 W/kg



P13 WCDMA V_RMC12.2K_Right Side_1cm_4132.da53

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; $\sigma = 0.987$ S/m; $\epsilon_r = 56.169$;

$\rho = 1000$ 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 (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.506 W/kg

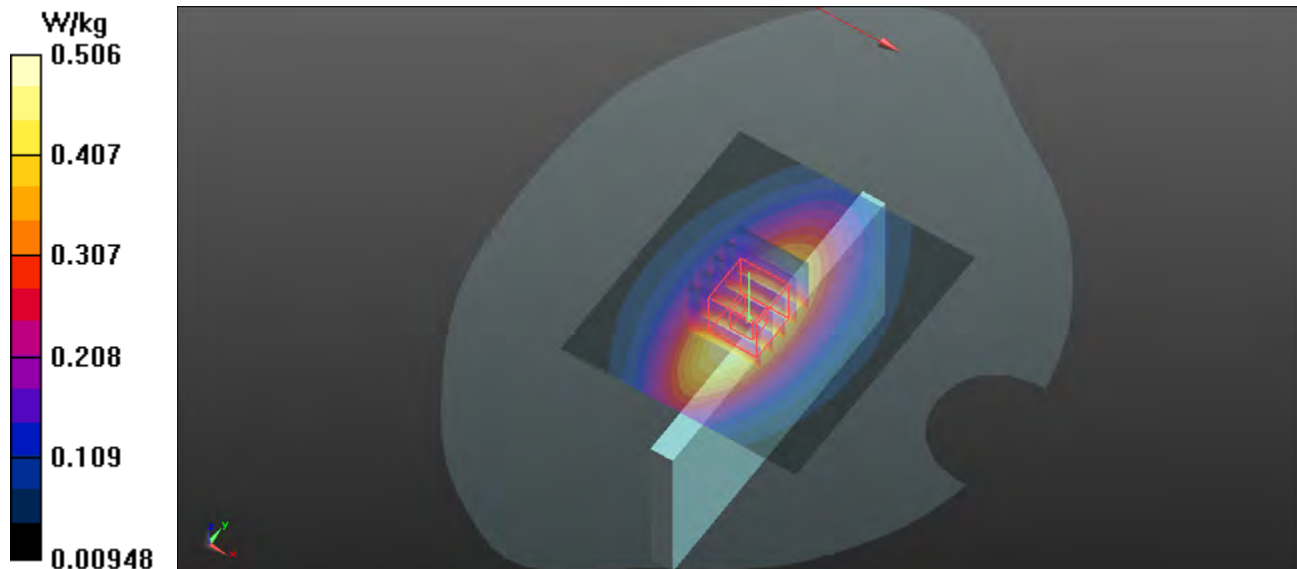
Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.08 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.625 W/kg

SAR(1 g) = 0.442 W/kg; SAR(10 g) = 0.305 W/kg

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



P14 LTE 5_QPSK10M_Rear Face_1cm_20450_1RB_0 Offset

DUT: EUT

Communication System: UID 0, LTE FDD (0); Frequency: 829 MHz; Duty Cycle: 1:1

Medium: MSL835 Medium parameters used: $f = 829 \text{ MHz}$; $\sigma = 0.989 \text{ S/m}$; $\epsilon_r = 56.143$; $\rho = 1000 \text{ kg/m}^3$

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 (71x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 0.571 W/kg

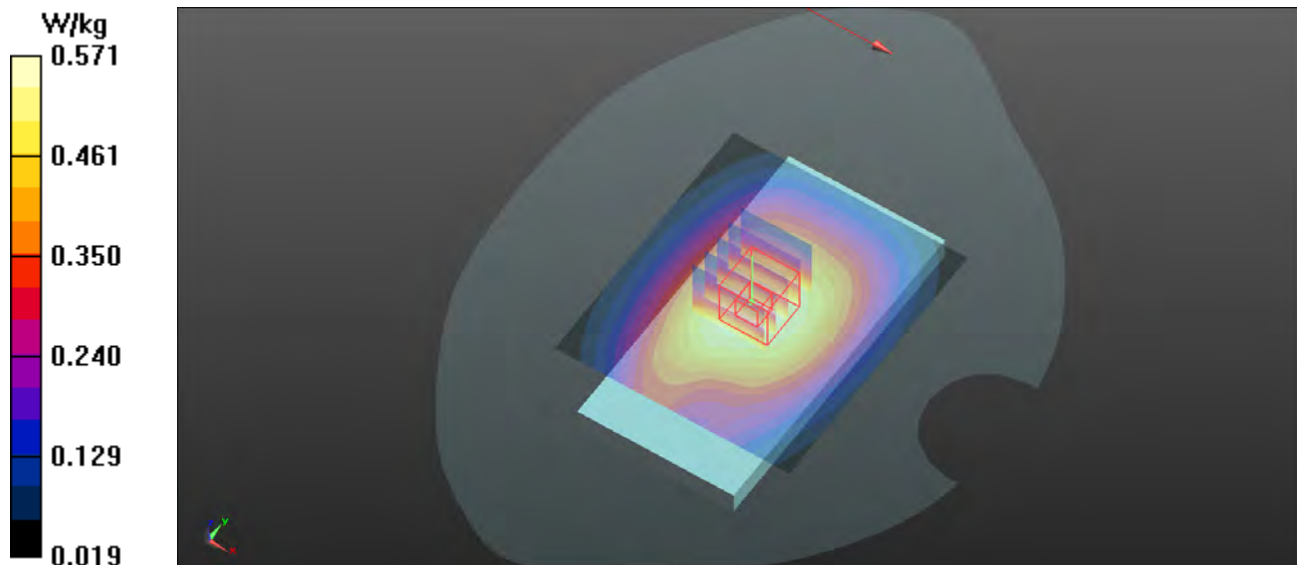
Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 25.27 V/m ; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.662 W/kg

SAR(1 g) = 0.520 W/kg ; SAR(10 g) = 0.398 W/kg

Maximum value of SAR (measured) = 0.572 W/kg



P15 LTE 7_QPSK20M_Rear Face_1.0cm_21350_1 RB_0 Offset**DUT: EUT**

Communication System: UID 0, LTE FDD (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: MSL2600 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.144$ S/m; $\epsilon_r = 52.506$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: ES3DV3 - SN3240; ConvF(4.28, 4.28, 4.28); 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 (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.26 W/kg

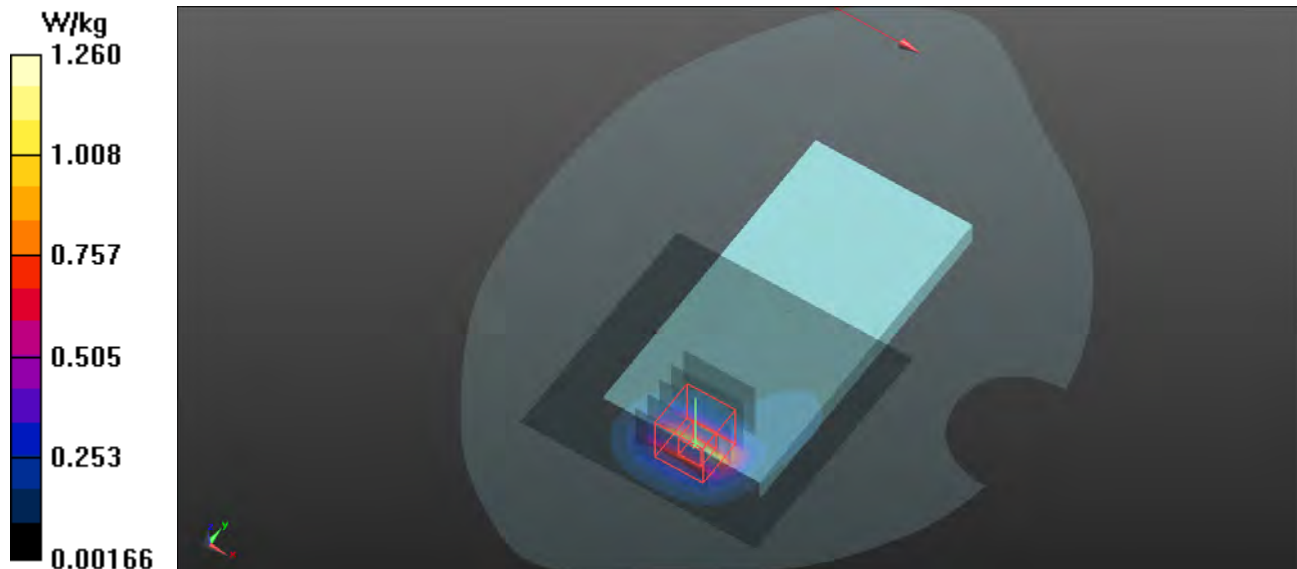
Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.331 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 2.09 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.478 W/kg

Maximum value of SAR (measured) = 1.32 W/kg



P16 802.11b_Left Side_1.0cm_1

DUT: EUT

Communication System: UID 0, 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.951$ S/m; $\epsilon_r = 52.915$; $\rho = 1000$ 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 (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0888 W/kg

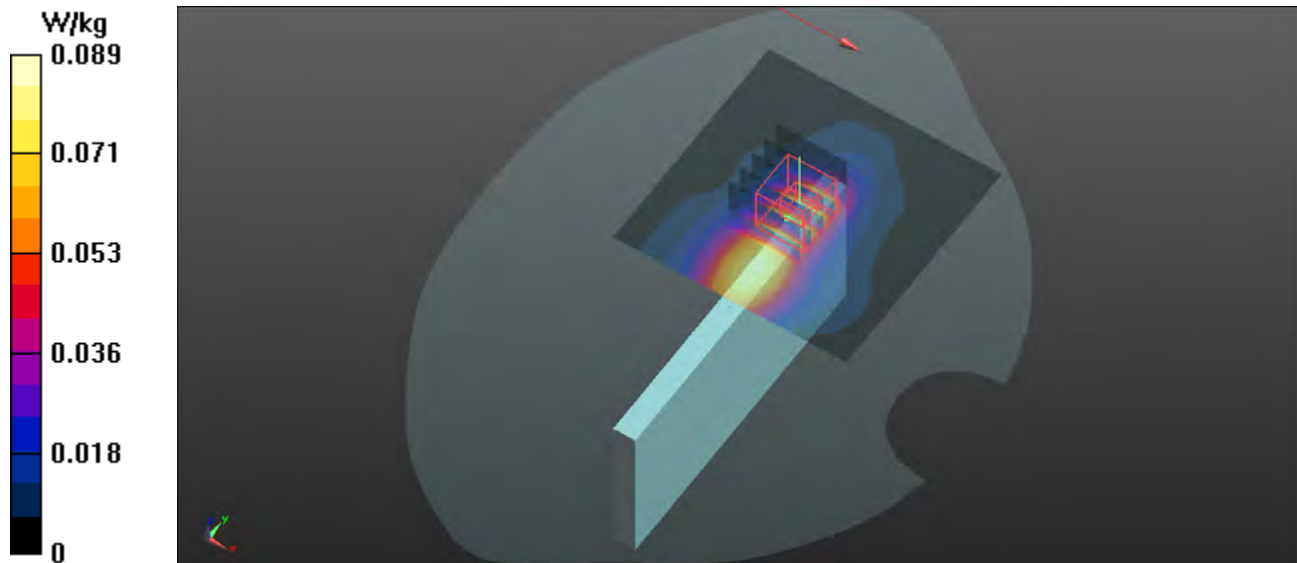
Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.976 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.155 W/kg

SAR(1 g) = 0.073 W/kg; SAR(10 g) = 0.036 W/kg

Maximum value of SAR (measured) = 0.0947 W/kg



P17 GSM850_GPRS11_Rear Face_1.5cm_190

DUT: EUT

Communication System: UID 0, GPRS 3TX (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.67

Medium: MSL835 Medium parameters used: $f = 837$ MHz; $\sigma = 0.997$ S/m; $\epsilon_r = 56.059$; $\rho = 1000$ 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 (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

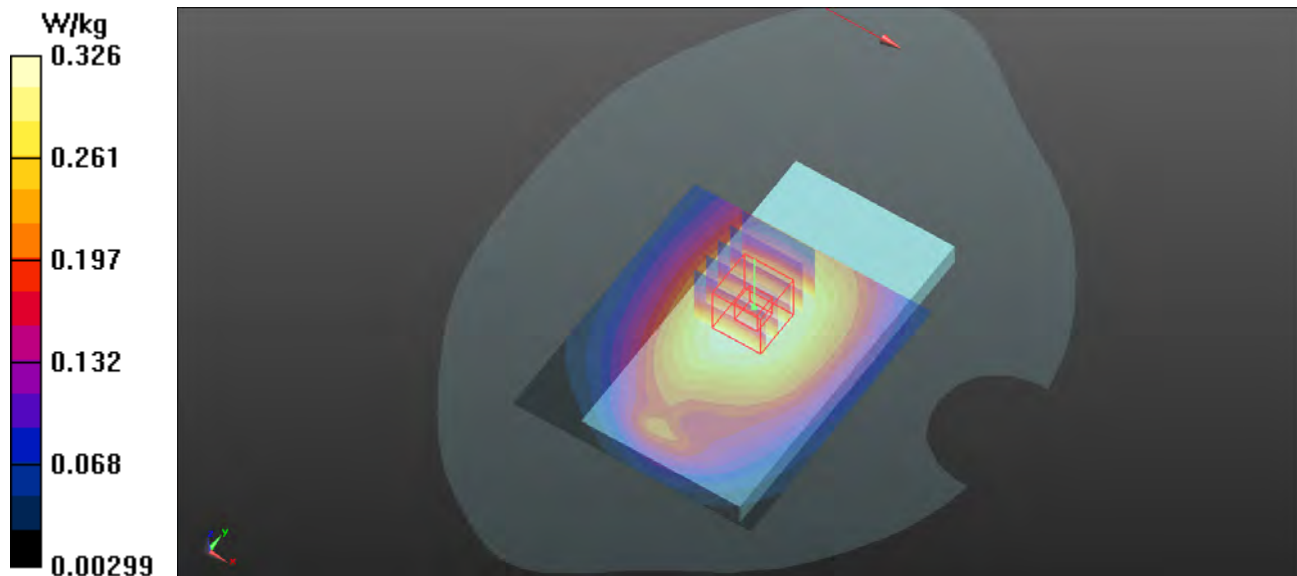
Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.79 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.385 W/kg

SAR(1 g) = 0.298 W/kg; SAR(10 g) = 0.227 W/kg

Maximum value of SAR (measured) = 0.329 W/kg



P18 GSM1900_GPRS10_Rear Face_1.5cm_512**DUT: EUT**

Communication System: UID 0, GPRS 2TX (0); Frequency: 1850.2 MHz; Duty Cycle: 1:4
Medium: MSL1900 Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.488$ S/m; $\epsilon_r = 53.057$; $\rho = 1000$ 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 (71x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.224 W/kg

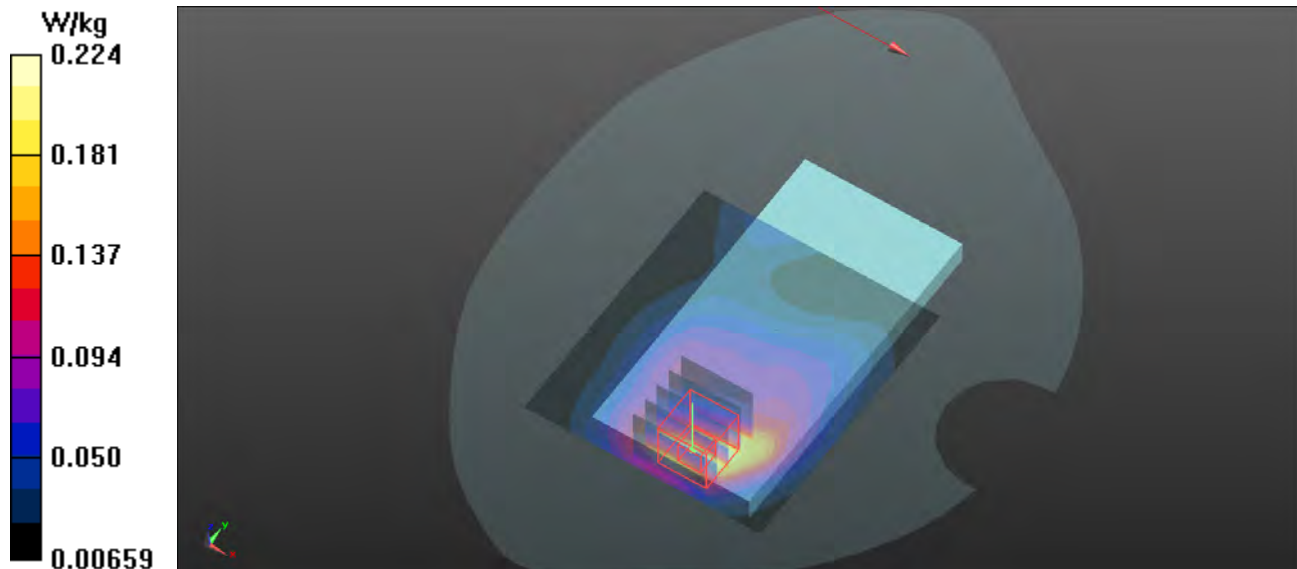
Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.478 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.307 W/kg

SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.108 W/kg

Maximum value of SAR (measured) = 0.229 W/kg



P19 WCDMA II_RMC12.2K_Rear Face_1.5cm_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; $\sigma = 1.491$ S/m; $\epsilon_r = 53.05$; $\rho = 1000$ 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 (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.405 W/kg

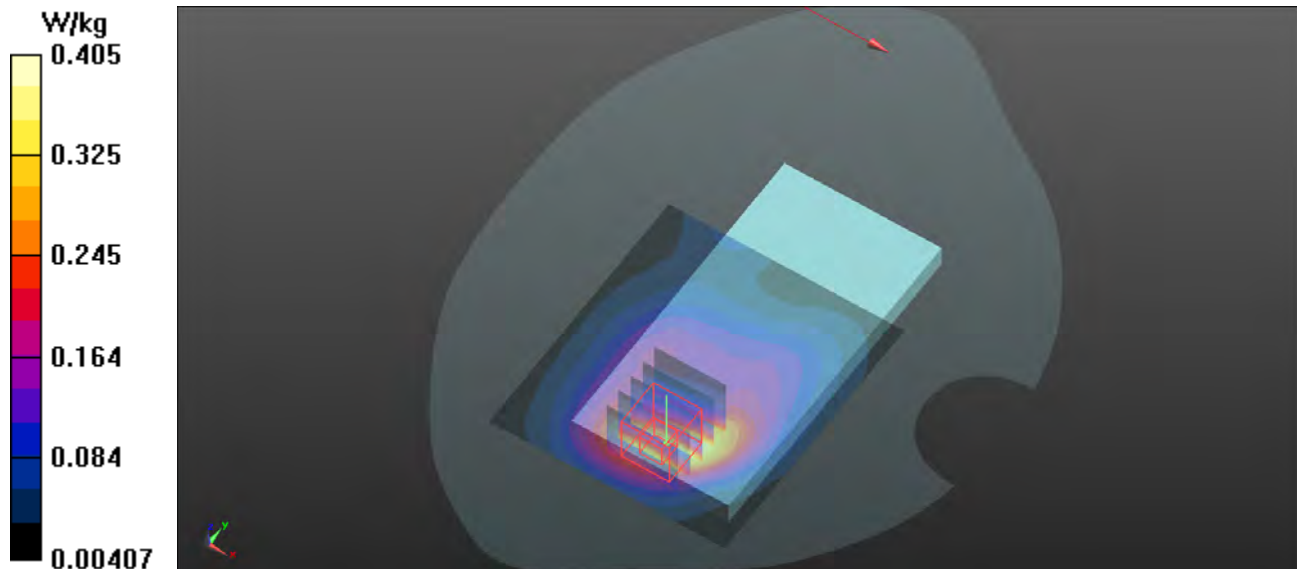
Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.363 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.560 W/kg

SAR(1 g) = 0.343 W/kg; SAR(10 g) = 0.199 W/kg

Maximum value of SAR (measured) = 0.413 W/kg



P20 WCDMA IV_RMC12.2K_Rear Face_1.5cm_1413

DUT: EUT

Communication System: UID 0, WCDMA (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1
Medium: MSL1800 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.44$ S/m; $\epsilon_r = 54.588$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: ES3DV3 - SN3240; ConvF(4.99, 4.99, 4.99); 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=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.251 W/kg

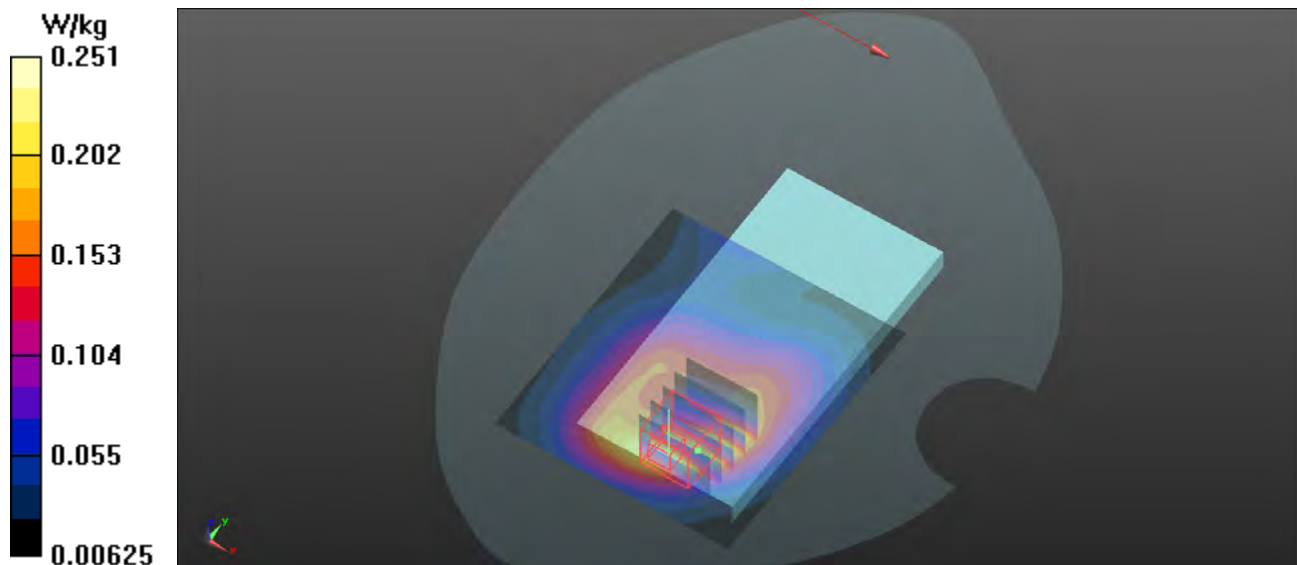
Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.815 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.344 W/kg

SAR(1 g) = 0.216 W/kg; SAR(10 g) = 0.129 W/kg

Maximum value of SAR (measured) = 0.253 W/kg



P21 WCDMA V_RMC12.2K_Rear Face_1.5cm_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; $\sigma = 0.987$ S/m; $\epsilon_r = 56.169$;

$\rho = 1000$ 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 (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.366 W/kg

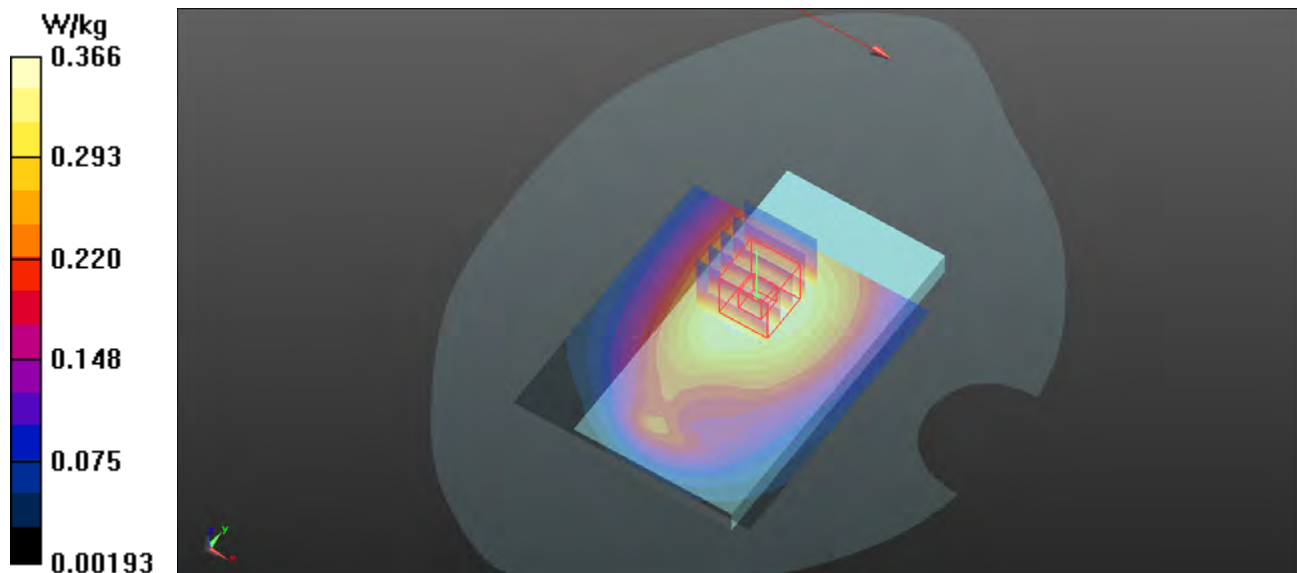
Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.80 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.423 W/kg

SAR(1 g) = 0.328 W/kg; SAR(10 g) = 0.249 W/kg

Maximum value of SAR (measured) = 0.362 W/kg



P22 LTE 5_QPSK10M_Rear Face_1.5cm_20450_1RB_0 Offset

DUT: EUT

Communication System: UID 0, LTE FDD (0); Frequency: 829 MHz; Duty Cycle: 1:1

Medium: MSL835 Medium parameters used: $f = 829 \text{ MHz}$; $\sigma = 0.989 \text{ S/m}$; $\epsilon_r = 56.143$; $\rho = 1000 \text{ kg/m}^3$

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 (71x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.538 W/kg

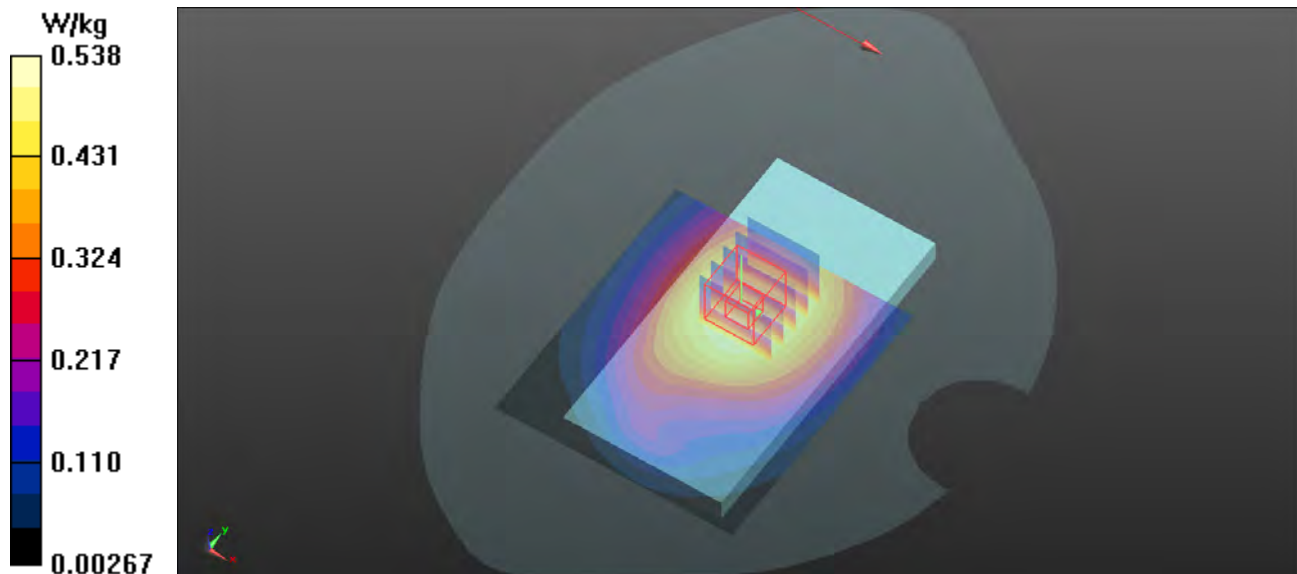
Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 23.24 V/m ; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.594 W/kg

SAR(1 g) = 0.463 W/kg ; SAR(10 g) = 0.353 W/kg

Maximum value of SAR (measured) = 0.508 W/kg



P23 LTE 7_QPSK20M_Rear Face_1.5cm_21350_1 RB_50 Offset**DUT: EUT**

Communication System: UID 0, LTE FDD (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: MSL2600 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.144$ S/m; $\epsilon_r = 52.506$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: ES3DV3 - SN3240; ConvF(4.28, 4.28, 4.28); 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 (71x71x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 1.25 W/kg

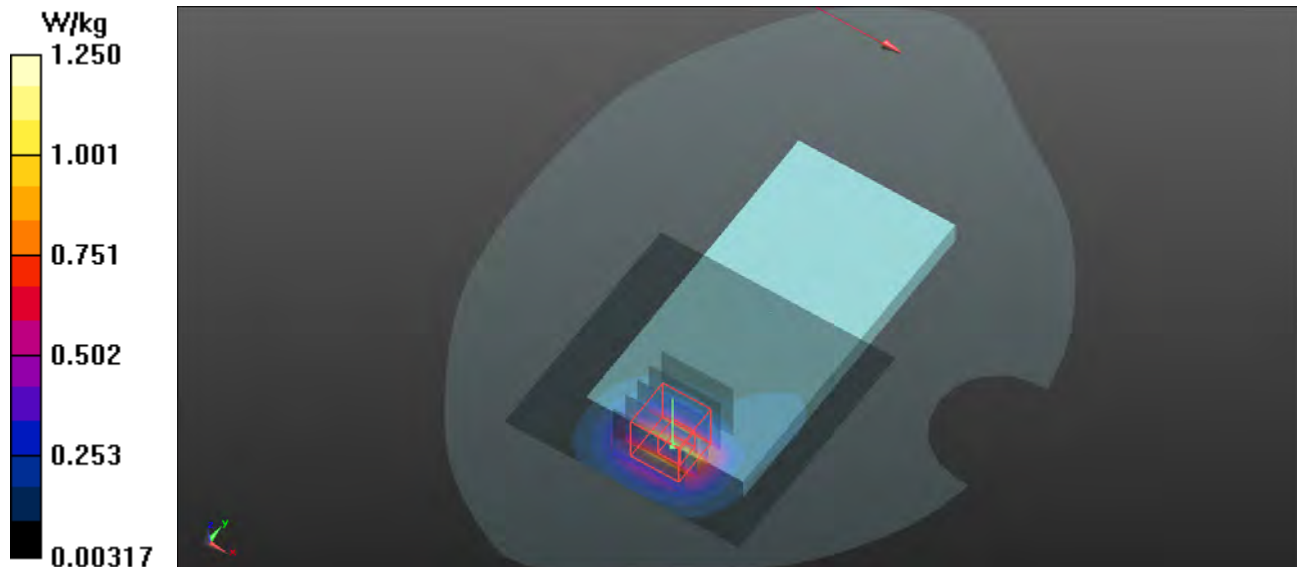
Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.979 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.91 W/kg

SAR(1 g) = 1 W/kg; SAR(10 g) = 0.501 W/kg

Maximum value of SAR (measured) = 1.24 W/kg



P24 802.11b_Rear Face_1.5cm_1

DUT: EUT

Communication System: UID 0, 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.951$ S/m; $\epsilon_r = 52.915$; $\rho = 1000$ 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 (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0455 W/kg

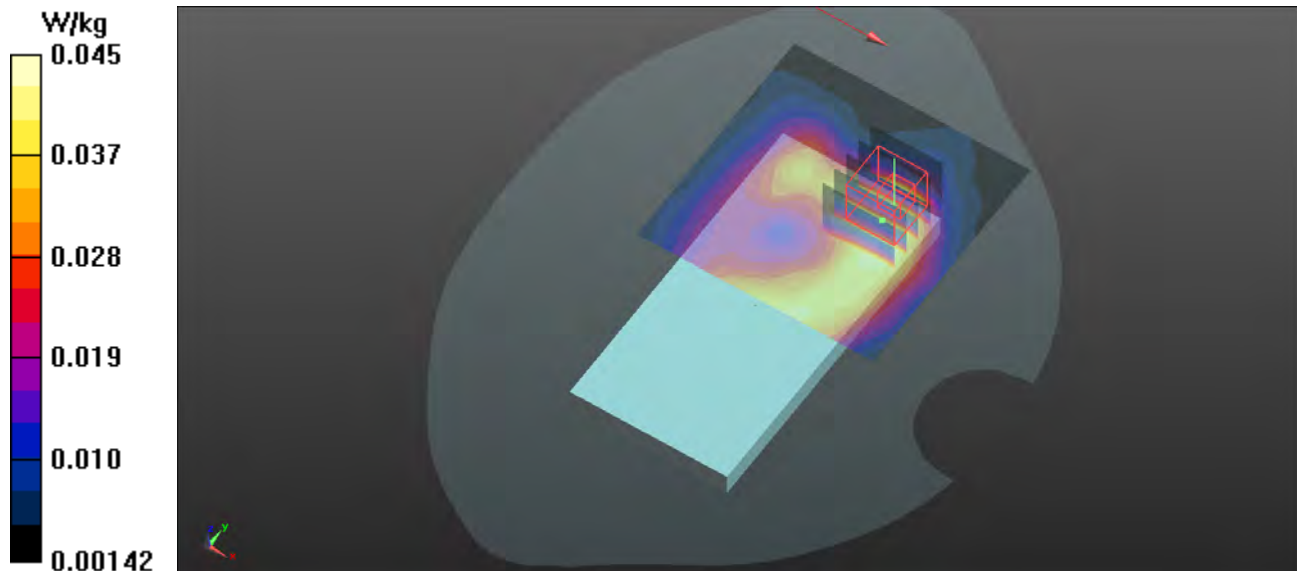
Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.477 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.0700 W/kg

SAR(1 g) = 0.035 W/kg; SAR(10 g) = 0.019 W/kg

Maximum value of SAR (measured) = 0.0430 W/kg



P25 A3 BT Right Tlit Low**DUT: EUT**

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.28

Medium parameters used: $f = 2402$ MHz; $\sigma = 1.792$ S/m; $\epsilon_r = 39.876$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: ES3DV3 - SN3240; ConvF(4.57, 4.57, 4.57); Calibrated: 3/28/2018;
- Sensor-Surface: 4mm (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 (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0513 W/kg

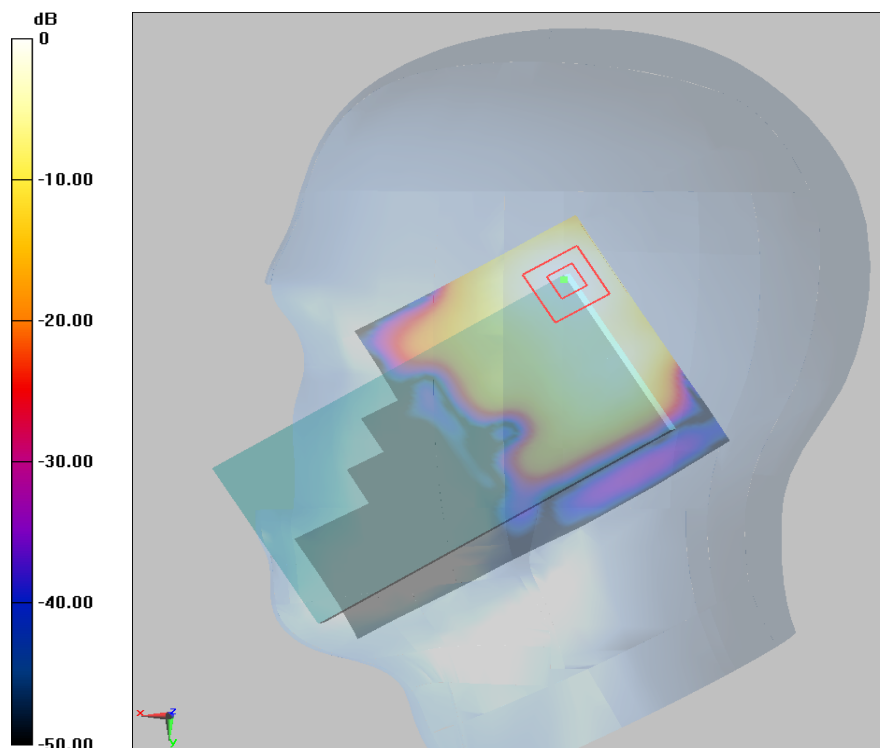
Configuration/Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.609 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0980 W/kg

SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.019 W/kg

Maximum value of SAR (measured) = 0.0469 W/kg



0 dB = 0.0469 W/kg = -13.29 dBW/kg