

### P01 GSM850\_GSM\_Right Cheek\_251\_Battery 1

#### DUT: EUT

Communication System: UID 0, GSM (0); Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: HSL850 Medium parameters used:  $f = 849 \text{ MHz}$ ;  $\sigma = 0.941 \text{ S/m}$ ;  $\epsilon_r = 42.808$ ;  $\rho = 1000 \text{ kg/m}^3$

#### 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) =  $0.379 \text{ W/kg}$

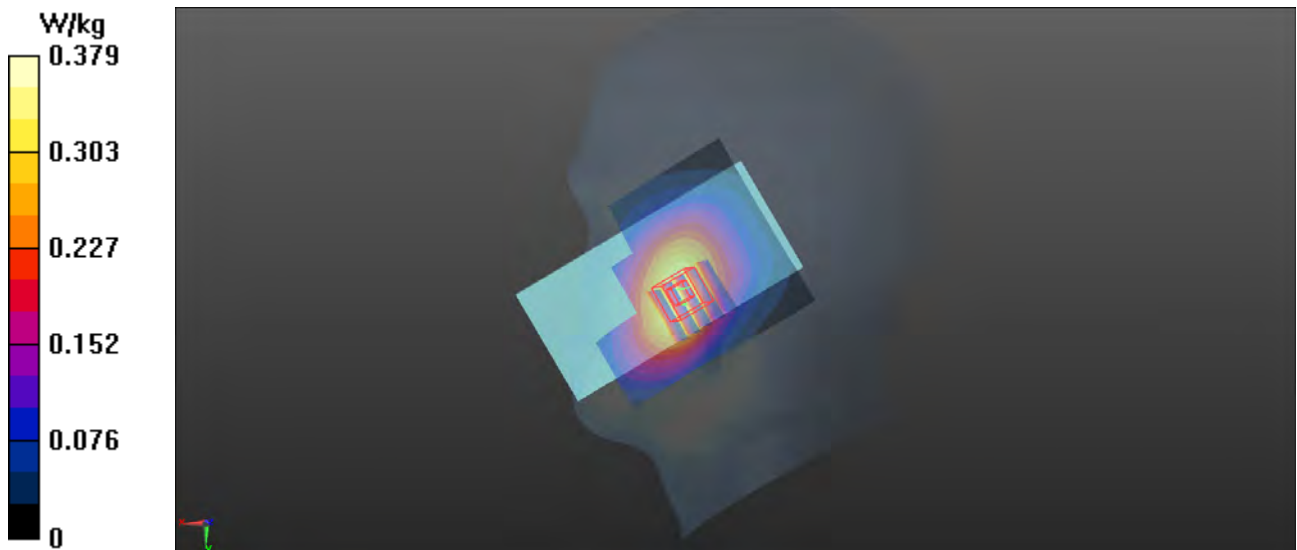
**Configuration/Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $6.504 \text{ V/m}$ ; Power Drift =  $0.03 \text{ dB}$

Peak SAR (extrapolated) =  $0.450 \text{ W/kg}$

**SAR(1 g) =  $0.337 \text{ W/kg}$ ; SAR(10 g) =  $0.245 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.374 \text{ W/kg}$



## P02 GSM1900\_GSM\_Right Cheek\_512\_Battery 2

### DUT: EUT

Communication System: UID 0, GSM (0); Frequency: 1850.2 MHz; Duty Cycle: 1:8.3  
 Medium: HSL1900 Medium parameters used (interpolated):  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.343 \text{ S/m}$ ;  $\epsilon_r = 40.312$ ;  $\rho = 1000 \text{ kg/m}^3$

### 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 (71x81x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) = 0.194 W/kg

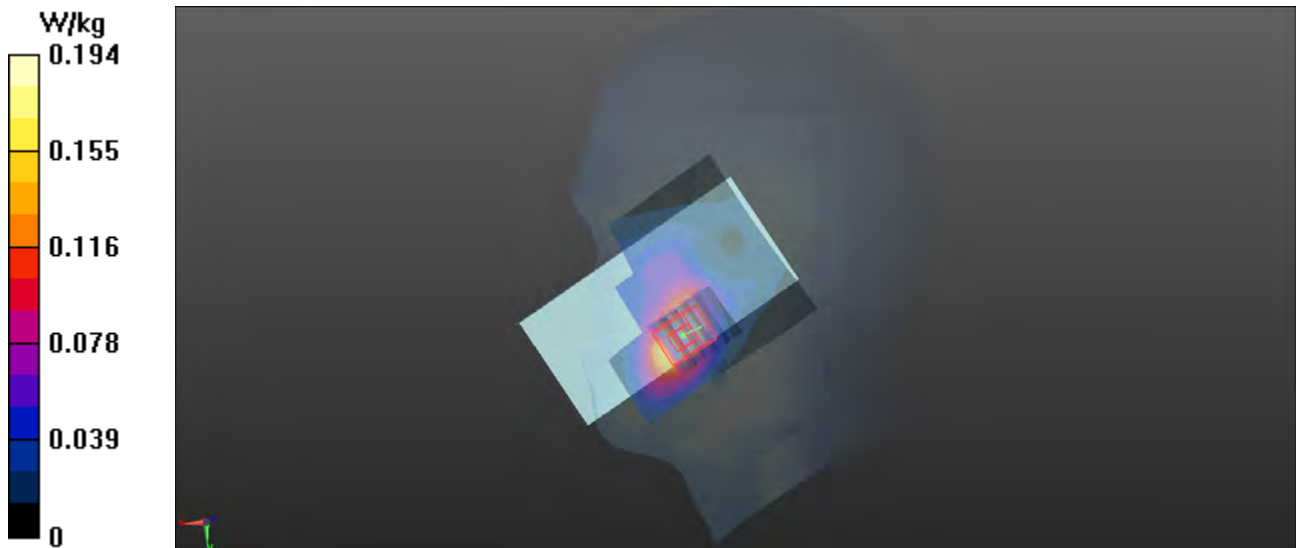
**Configuration/Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 4.221 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.253 W/kg

**SAR(1 g) = 0.164 W/kg; SAR(10 g) = 0.101 W/kg**

Maximum value of SAR (measured) = 0.192 W/kg



### P03 WCDMA II\_RMC12.2K\_Right Cheek\_9538\_Battery 1

#### DUT: EUT

Communication System: UID 0, WCDMA (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1  
Medium: HSL1900 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.399$  S/m;  $\epsilon_r = 40.088$ ;  $\rho = 1000$  kg/m<sup>3</sup>

#### 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) = 0.334 W/kg

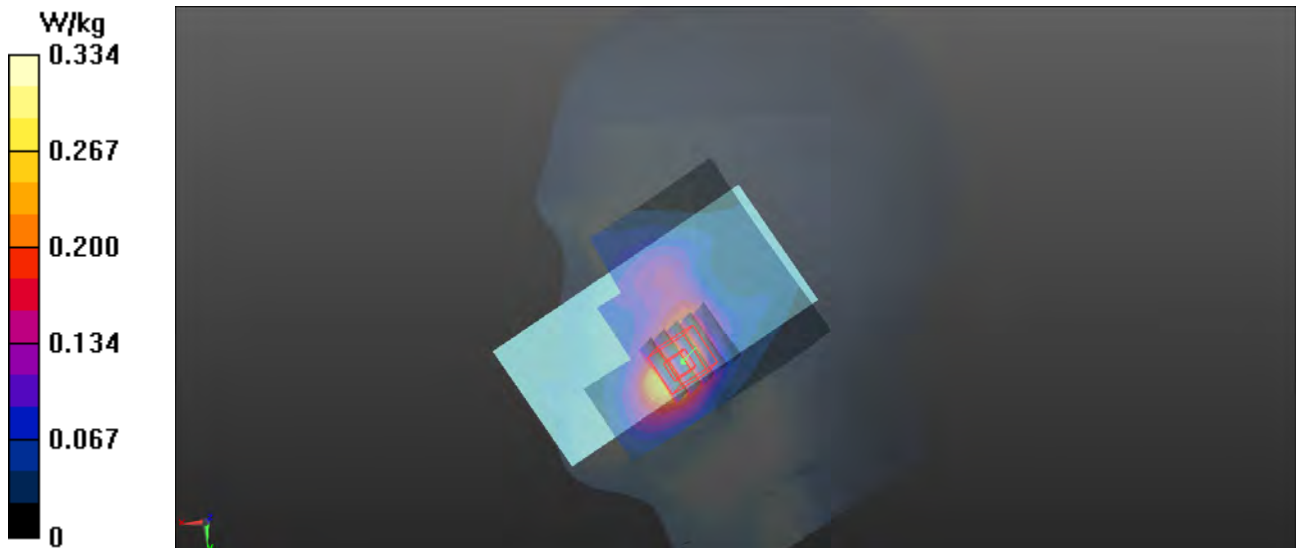
**Configuration/Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.754 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.436 W/kg

**SAR(1 g) = 0.280 W/kg; SAR(10 g) = 0.171 W/kg**

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



### P04 WCDMA IV\_RMC12.2K\_Right Cheek\_1413\_Battery 1

#### DUT: EUT

Communication System: UID 0, WCDMA (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1  
Medium: HSL1750 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.323$  S/m;  $\epsilon_r = 39.027$ ;  $\rho = 1000$  kg/m<sup>3</sup>

#### 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) = 0.392 W/kg

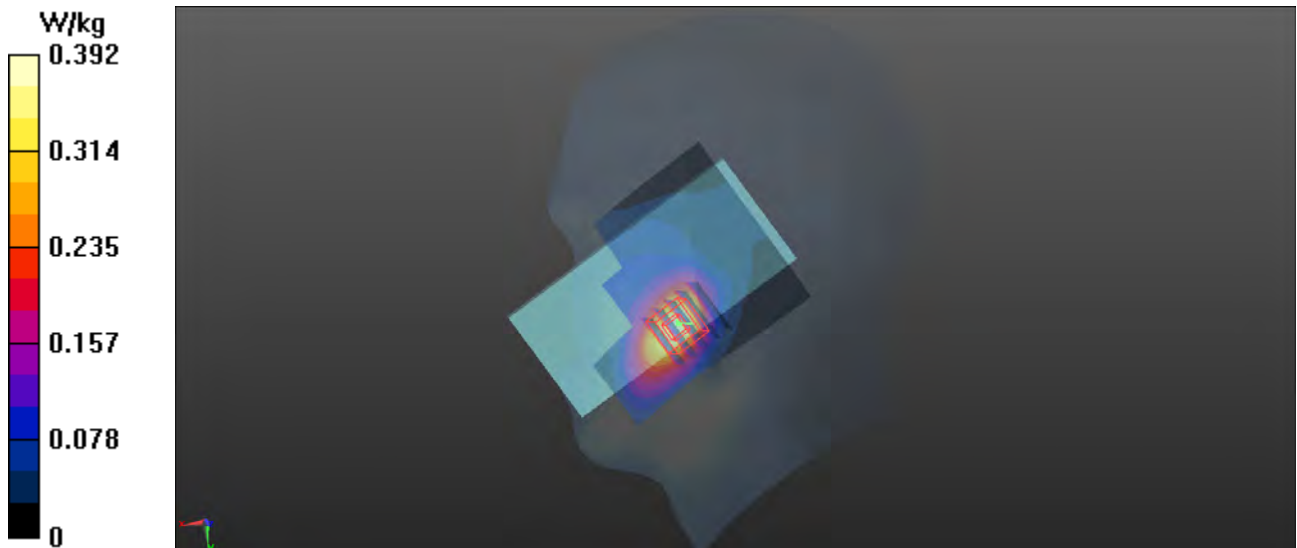
**Configuration/Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.943 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.499 W/kg

**SAR(1 g) = 0.328 W/kg; SAR(10 g) = 0.208 W/kg**

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



## P05 WCDMA V\_RMC12.2K\_Right Cheek\_4233\_Battery 2

### DUT: EUT

Communication System: UID 0, WCDMA (0); Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL850 Medium parameters used:  $f = 847 \text{ MHz}$ ;  $\sigma = 0.939 \text{ S/m}$ ;  $\epsilon_r = 42.834$ ;  $\rho = 1000 \text{ kg/m}^3$

### 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) =  $0.374 \text{ W/kg}$

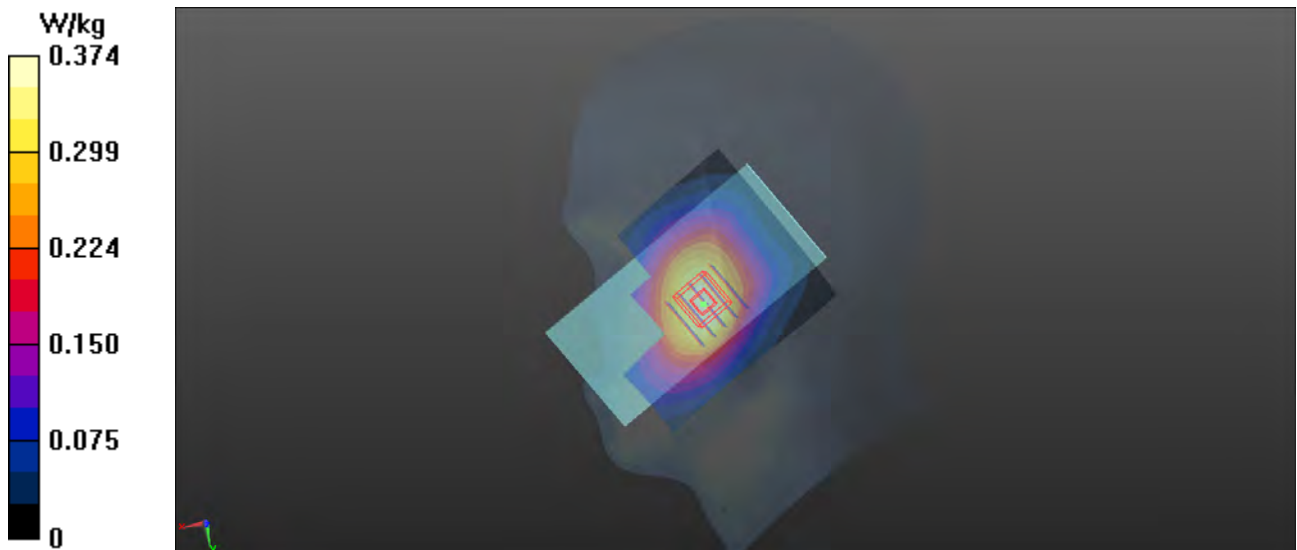
**Configuration/Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $5.544 \text{ V/m}$ ; Power Drift =  $0.00 \text{ dB}$

Peak SAR (extrapolated) =  $0.440 \text{ W/kg}$

**SAR(1 g) =  $0.335 \text{ W/kg}$ ; SAR(10 g) =  $0.248 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.375 \text{ W/kg}$



## P06 LTE 2\_QPSK20M\_Right Cheek\_18900\_1RB\_50 Offset\_Battery 2

### DUT: EUT

Communication System: UID 0, LTE FDD (0); Frequency: 1880 MHz;Duty Cycle: 1:1  
Medium: HSL1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.371$  S/m;  $\epsilon_r = 40.188$ ;  $\rho = 1000$  kg/m<sup>3</sup>

### 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) = 0.414 W/kg

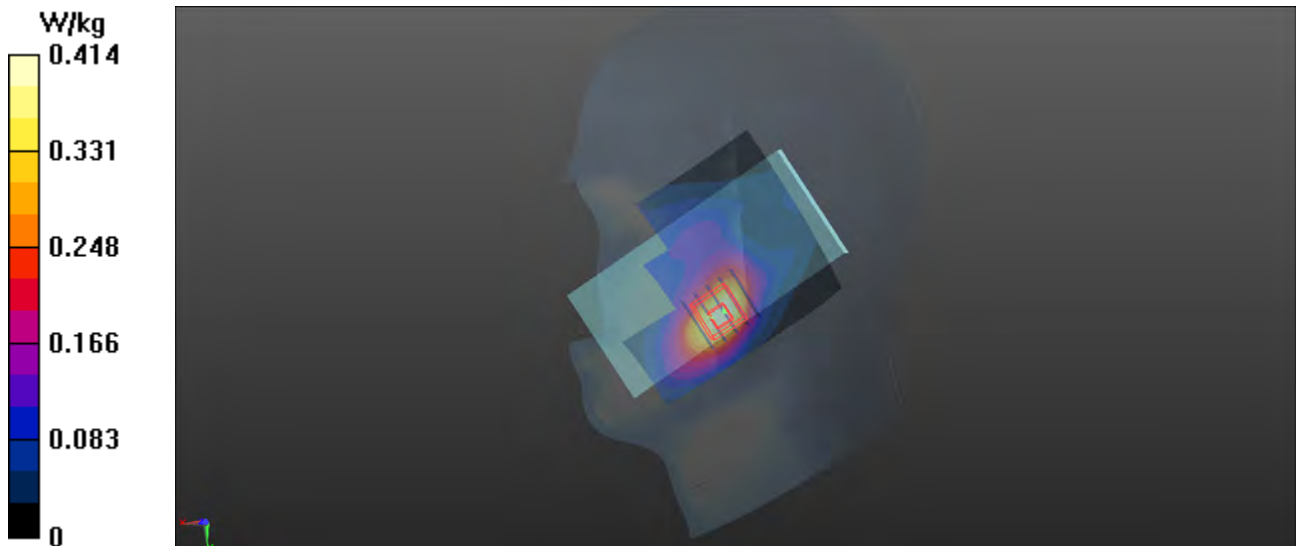
**Configuration/Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.819 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.545 W/kg

**SAR(1 g) = 0.351 W/kg; SAR(10 g) = 0.217 W/kg**

Maximum value of SAR (measured) = 0.406 W/kg



### P07 LTE 4\_QPSK20M\_Right Cheek\_20050\_1RB\_0 Offset\_Battery 2

#### DUT: EUT

Communication System: UID 0, LTE FDD (0); Frequency: 1720 MHz;Duty Cycle: 1:1  
Medium: HSL1750 Medium parameters used:  $f = 1720$  MHz;  $\sigma = 1.311$  S/m;  $\epsilon_r = 39.077$ ;  $\rho = 1000$  kg/m<sup>3</sup>

#### 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) = 0.335 W/kg

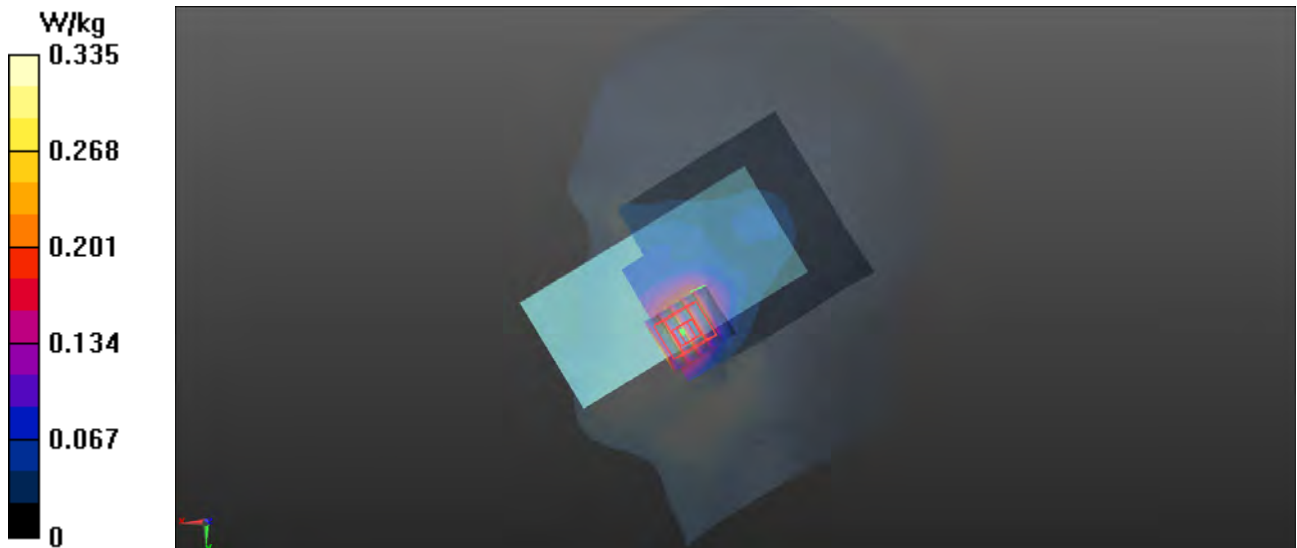
**Configuration/Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.552 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.450 W/kg

**SAR(1 g) = 0.297 W/kg; SAR(10 g) = 0.191 W/kg**

Maximum value of SAR (measured) = 0.336 W/kg



### P08 LTE 5\_QPSK10M\_Right Cheek\_20450\_1RB\_49 Offset\_Battery 1

#### DUT: EUT

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

Medium: HSL850 Medium parameters used:  $f = 829 \text{ MHz}$ ;  $\sigma = 0.922 \text{ S/m}$ ;  $\epsilon_r = 43.051$ ;  $\rho = 1000 \text{ kg/m}^3$

#### 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) =  $0.352 \text{ W/kg}$

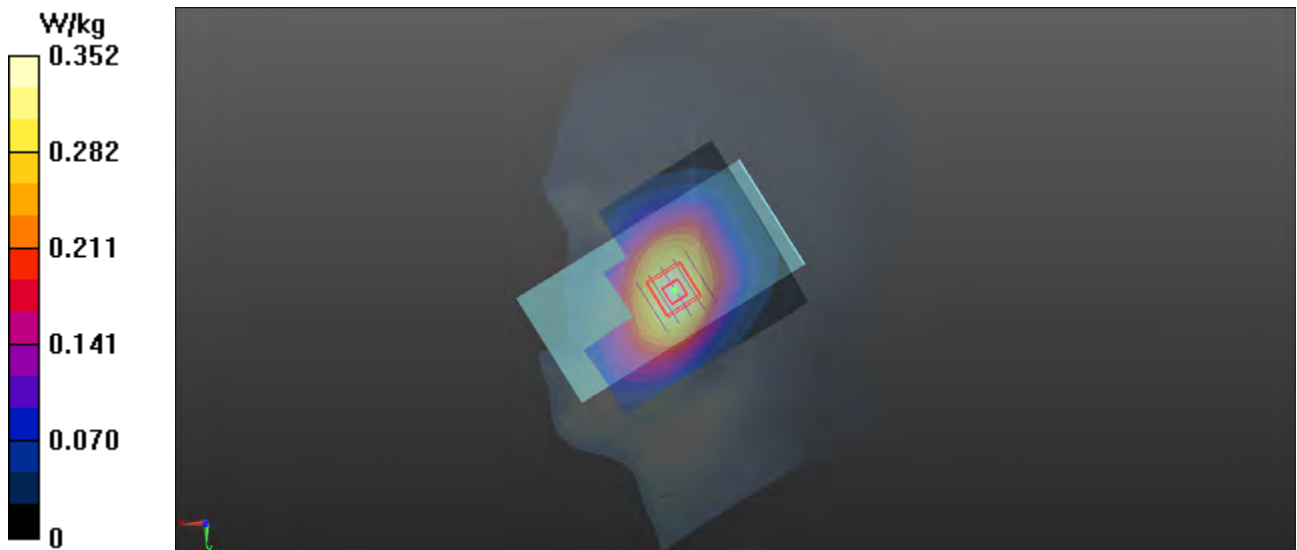
**Configuration/Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $5.046 \text{ V/m}$ ; Power Drift =  $-0.01 \text{ dB}$

Peak SAR (extrapolated) =  $0.414 \text{ W/kg}$

**SAR(1 g) =  $0.319 \text{ W/kg}$ ; SAR(10 g) =  $0.237 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.355 \text{ W/kg}$





### P09 LTE 7\_QPSK20M\_Left Cheek\_20850\_50RB\_25 Offset\_Battery 2

**DUT: EUT**

Communication System: UID 0, LTE FDD (0); Frequency: 2510 MHz;Duty Cycle: 1:1

Medium: HSL2600 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.949$  S/m;  $\epsilon_r = 38.66$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 0.242 W/kg

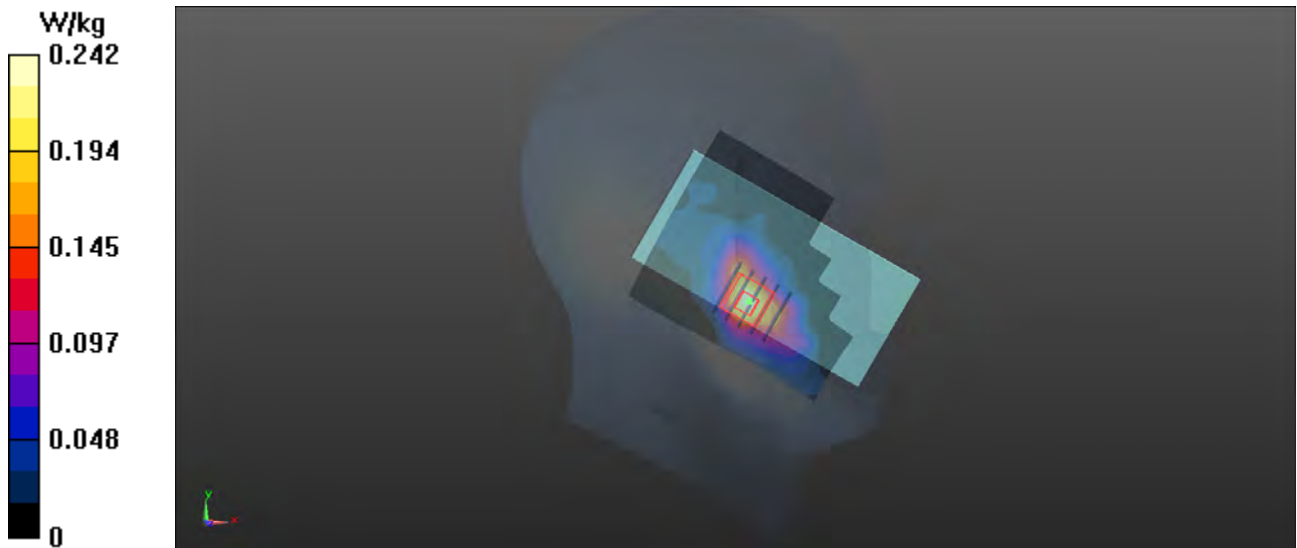
**Configuration/Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.915 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.306 W/kg

**SAR(1 g) = 0.179 W/kg; SAR(10 g) = 0.097 W/kg**

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



## P10 802.11b\_Right Cheek\_6\_Battery 1

### DUT: EUT

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

Medium: HSL2450 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.829$  S/m;  $\epsilon_r = 38.16$ ;  $\rho = 1000$  kg/m<sup>3</sup>

### 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) = 0.737 W/kg

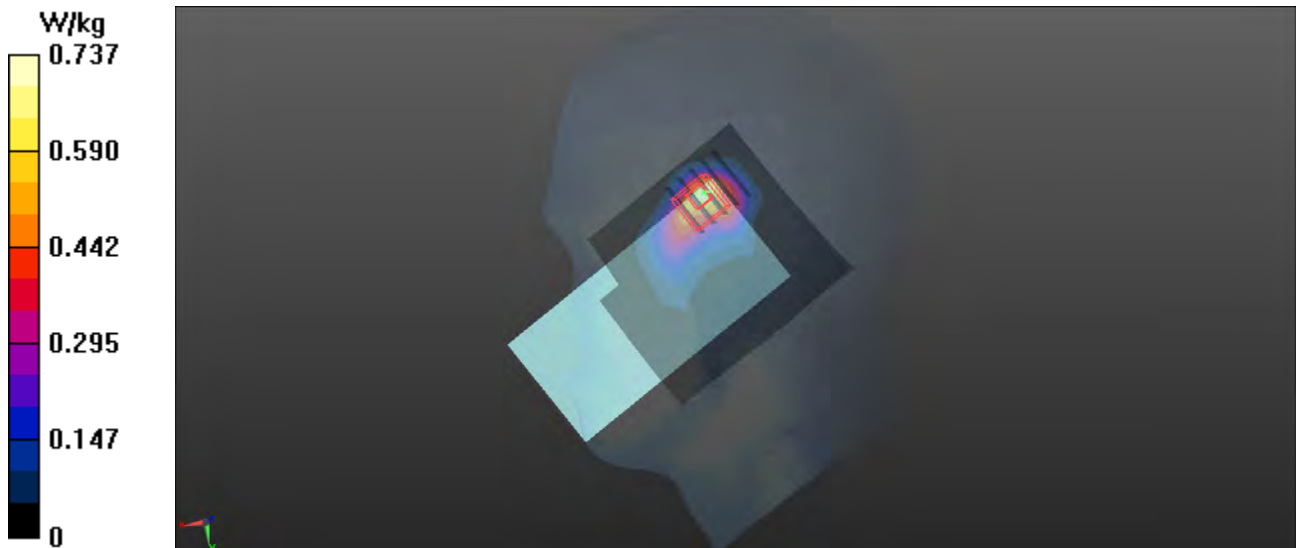
**Configuration/Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.961 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.01 W/kg

**SAR(1 g) = 0.481 W/kg; SAR(10 g) = 0.230 W/kg**

Maximum value of SAR (measured) = 0.643 W/kg



## P11 GSM850\_GPRS10\_Rear Face\_1cm\_251\_Battery 2

### DUT: EUT

Communication System: UID 0, GPRS 2TX (0); Frequency: 848.8 MHz; Duty Cycle: 1:4.0

Medium: MSL850 Medium parameters used:  $f = 849 \text{ MHz}$ ;  $\sigma = 1.009 \text{ S/m}$ ;  $\epsilon_r = 55.933$ ;  $\rho = 1000 \text{ kg/m}^3$

### 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 (61x111x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) =  $0.692 \text{ W/kg}$

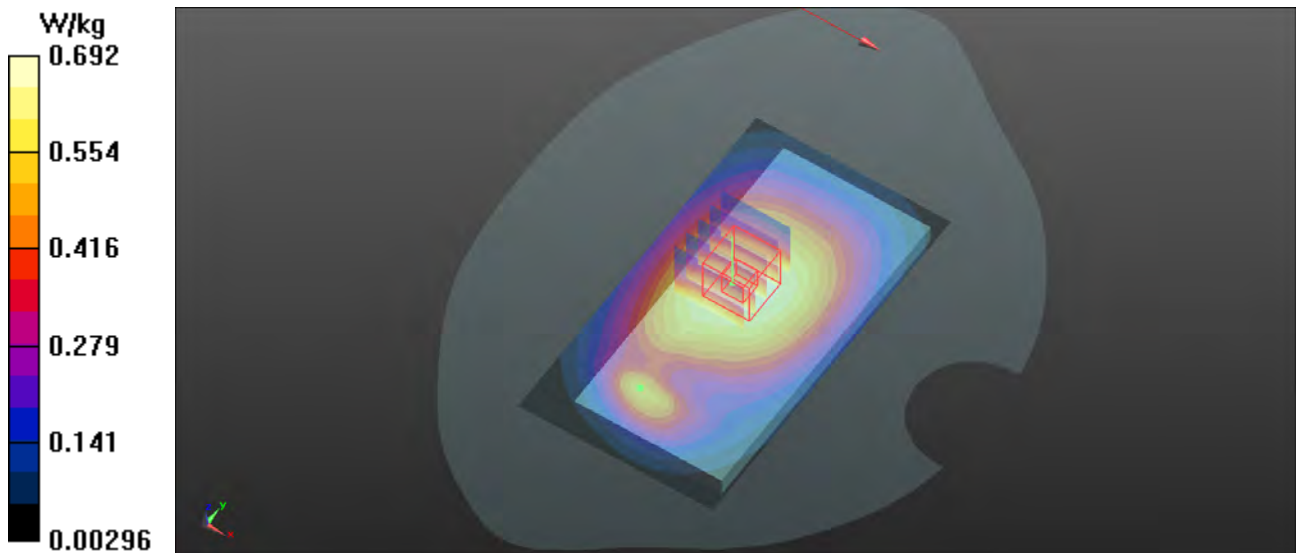
**Configuration/Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $26.65 \text{ V/m}$ ; Power Drift =  $0.07 \text{ dB}$

Peak SAR (extrapolated) =  $0.814 \text{ W/kg}$

**SAR(1 g) =  $0.637 \text{ W/kg}$ ; SAR(10 g) =  $0.485 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.702 \text{ W/kg}$



## P12 GSM1900\_GPRS10\_Rear Face\_1cm\_512\_Battery 1

### DUT: EUT

Communication System: UID 0, GPRS 2TX (0); Frequency: 1850.2 MHz; Duty Cycle: 1:4.0  
 Medium: MSL1900 Medium parameters used (interpolated):  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.469 \text{ S/m}$ ;  $\epsilon_r = 53.916$ ;  $\rho = 1000 \text{ kg/m}^3$

### 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 (71x81x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) =  $0.523 \text{ W/kg}$

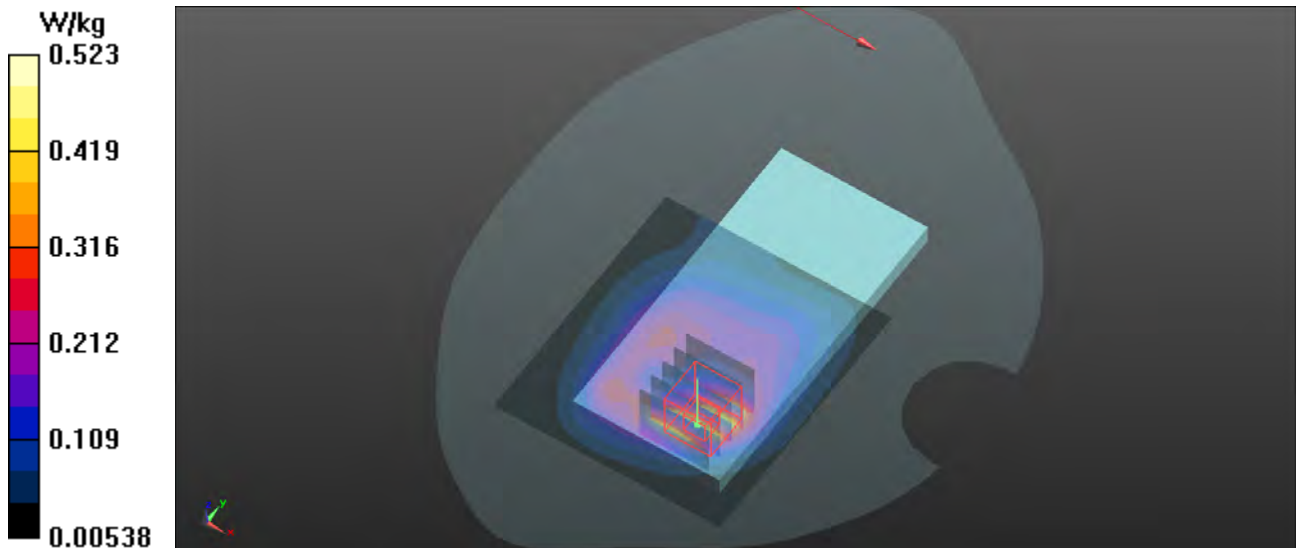
**Configuration/Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $8.955 \text{ V/m}$ ; Power Drift =  $0.04 \text{ dB}$

Peak SAR (extrapolated) =  $0.718 \text{ W/kg}$

**SAR(1 g) =  $0.403 \text{ W/kg}$ ; SAR(10 g) =  $0.226 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.499 \text{ W/kg}$



### P13 WCDMA II\_RMC12.2K\_Rear Face\_1cm\_9538\_Battery 1

#### DUT: EUT

Communication System: UID 0, WCDMA (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1  
Medium: MSL1900 Medium parameters used:  $f = 1908 \text{ MHz}$ ;  $\sigma = 1.543 \text{ S/m}$ ;  $\epsilon_r = 53.702$ ;  $\rho = 1000 \text{ kg/m}^3$

#### 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 (71x81x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) = 0.754 W/kg

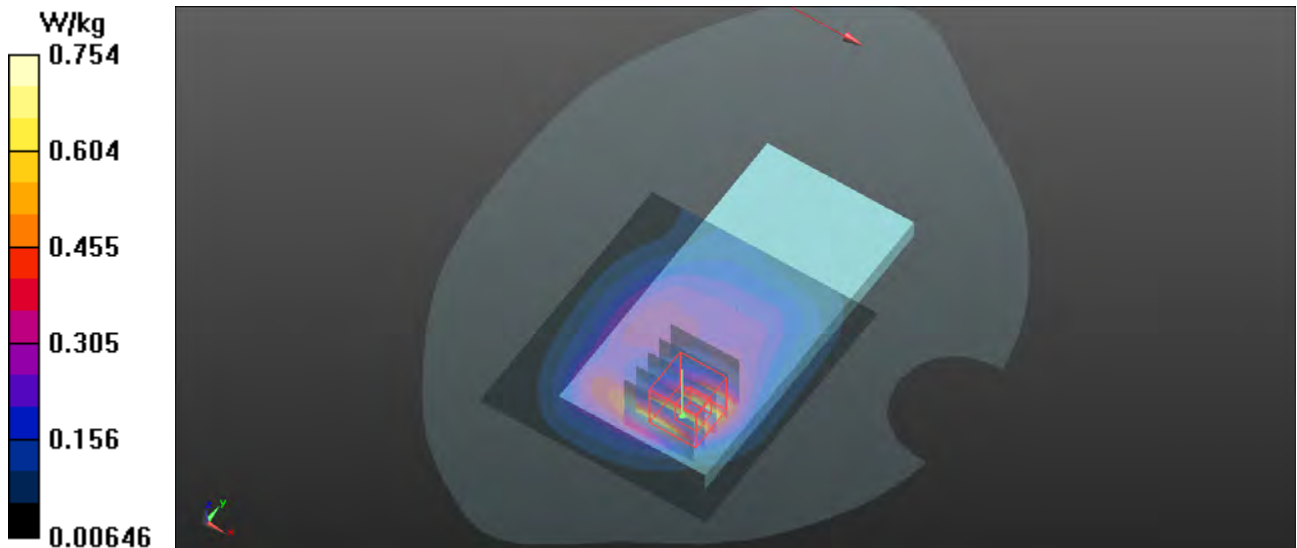
**Configuration/Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 11.85 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.04 W/kg

**SAR(1 g) = 0.584 W/kg; SAR(10 g) = 0.327 W/kg**

Maximum value of SAR (measured) = 0.706 W/kg



### P14 WCDMA IV\_RMC12.2K\_Rear Face\_1cm\_1413\_Battery 1

#### DUT: EUT

Communication System: UID 0, WCDMA (0); Frequency: 1732.6 MHz;Duty Cycle: 1:1  
Medium: MSL1750 Medium parameters used:  $f = 1733 \text{ MHz}$ ;  $\sigma = 1.453 \text{ S/m}$ ;  $\epsilon_r = 53.722$ ;  $\rho = 1000 \text{ kg/m}^3$

#### 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:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) =  $0.790 \text{ W/kg}$

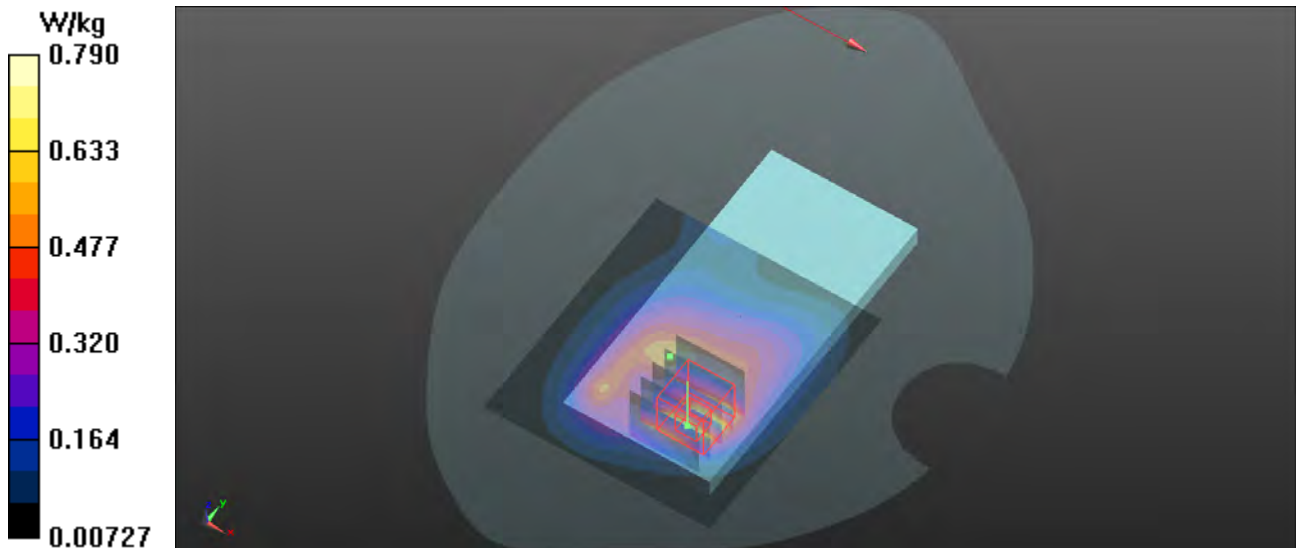
**Configuration/Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $9.777 \text{ V/m}$ ; Power Drift =  $-0.13 \text{ dB}$

Peak SAR (extrapolated) =  $1.12 \text{ W/kg}$

**SAR(1 g) =  $0.653 \text{ W/kg}$ ; SAR(10 g) =  $0.371 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.802 \text{ W/kg}$



### P15 WCDMA V\_RMC12.2K\_Rear Face\_1cm\_4233\_Battery 2

#### DUT: EUT

Communication System: UID 0, WCDMA (0); Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL850 Medium parameters used:  $f = 847 \text{ MHz}$ ;  $\sigma = 1.007 \text{ S/m}$ ;  $\epsilon_r = 55.954$ ;  $\rho = 1000 \text{ kg/m}^3$

#### 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 (61x111x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) =  $0.481 \text{ W/kg}$

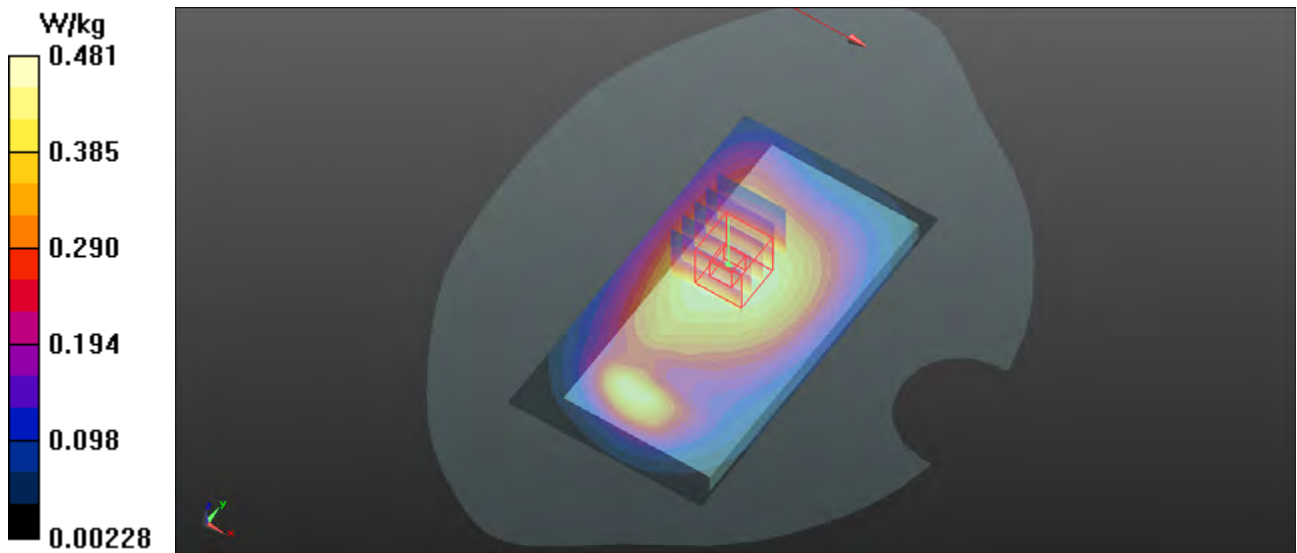
**Configuration/Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $22.07 \text{ V/m}$ ; Power Drift =  $-0.06 \text{ dB}$

Peak SAR (extrapolated) =  $0.553 \text{ W/kg}$

**SAR(1 g) =  $0.431 \text{ W/kg}$ ; SAR(10 g) =  $0.327 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.476 \text{ W/kg}$



### P16 LTE 2\_QPSK20M\_Rear Face\_1cm\_18900\_1RB\_50 Offset\_Battery 1

#### DUT: EUT

Communication System: UID 0, LTE FDD (0); Frequency: 1880 MHz;Duty Cycle: 1:1  
Medium: MSL1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.507$  S/m;  $\epsilon_r = 53.803$ ;  $\rho = 1000$  kg/m<sup>3</sup>

#### 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) = 0.944 W/kg

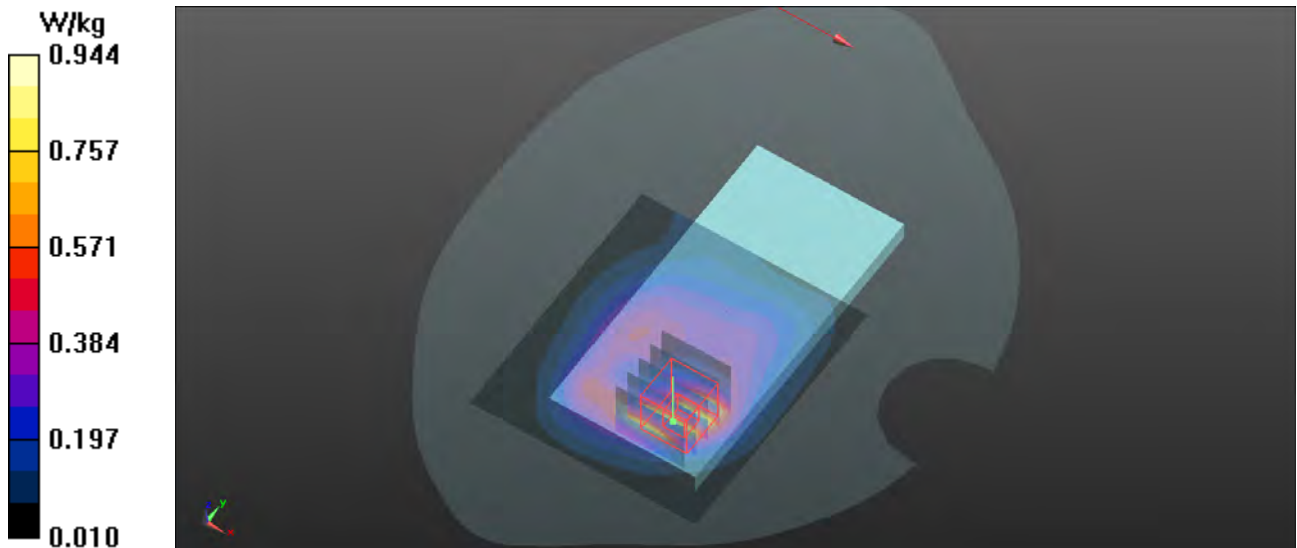
**Configuration/Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.99 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.29 W/kg

**SAR(1 g) = 0.69 W/kg; SAR(10 g) = 0.404 W/kg**

Maximum value of SAR (measured) = 0.883 W/kg





### P17 LTE 4\_QPSK20M\_Rear Face\_1cm\_20050\_1RB\_0 Offset\_Battery 1

#### DUT: EUT

Communication System: UID 0, LTE FDD (0); Frequency: 1720 MHz;Duty Cycle: 1:1  
Medium: MSL1750 Medium parameters used:  $f = 1720$  MHz;  $\sigma = 1.44$  S/m;  $\epsilon_r = 53.751$ ;  $\rho = 1000$  kg/m<sup>3</sup>

#### 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) = 0.778 W/kg

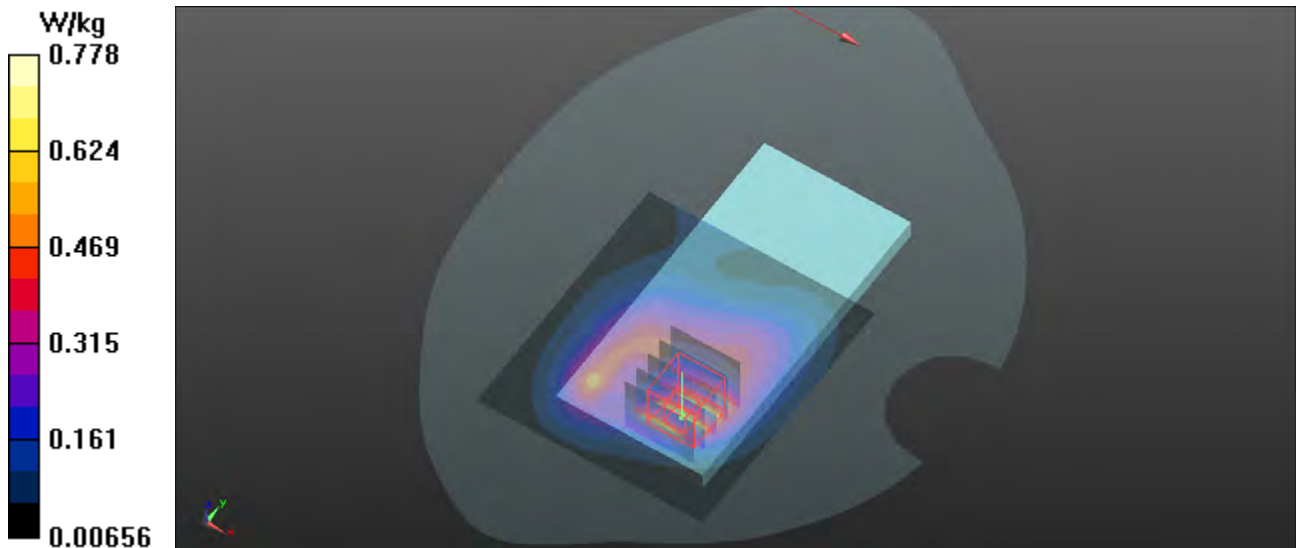
**Configuration/Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.993 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.10 W/kg

**SAR(1 g) = 0.636 W/kg; SAR(10 g) = 0.358 W/kg**

Maximum value of SAR (measured) = 0.789 W/kg



### P18 LTE 5\_QPSK10M\_Rear Face\_1cm\_20450\_1RB\_49Offset\_Battery 2

#### DUT: EUT

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

Medium: MSL850 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 (61x81x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) =  $0.565 \text{ W/kg}$

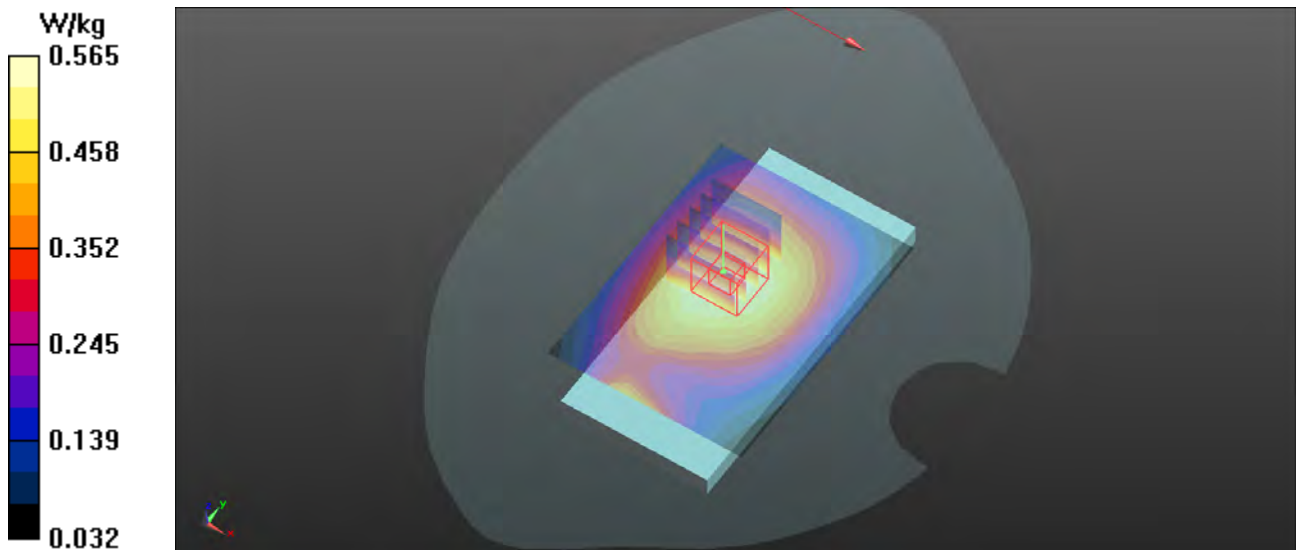
**Configuration/Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $23.90 \text{ V/m}$ ; Power Drift =  $0.08 \text{ dB}$

Peak SAR (extrapolated) =  $0.651 \text{ W/kg}$

**SAR(1 g) =  $0.508 \text{ W/kg}$ ; SAR(10 g) =  $0.387 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.559 \text{ W/kg}$



### P19 LTE 7\_QPSK20M\_Rear Face\_1.0cm\_20850\_1RB\_99 Offset\_Battery 1

#### DUT: EUT

Communication System: UID 0, LTE FDD (0); Frequency: 2510 MHz;Duty Cycle: 1:1  
Medium: MSL2600 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 2.091$  S/m;  $\epsilon_r = 52.725$ ;  $\rho = 1000$  kg/m<sup>3</sup>

#### 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) = 0.565 W/kg

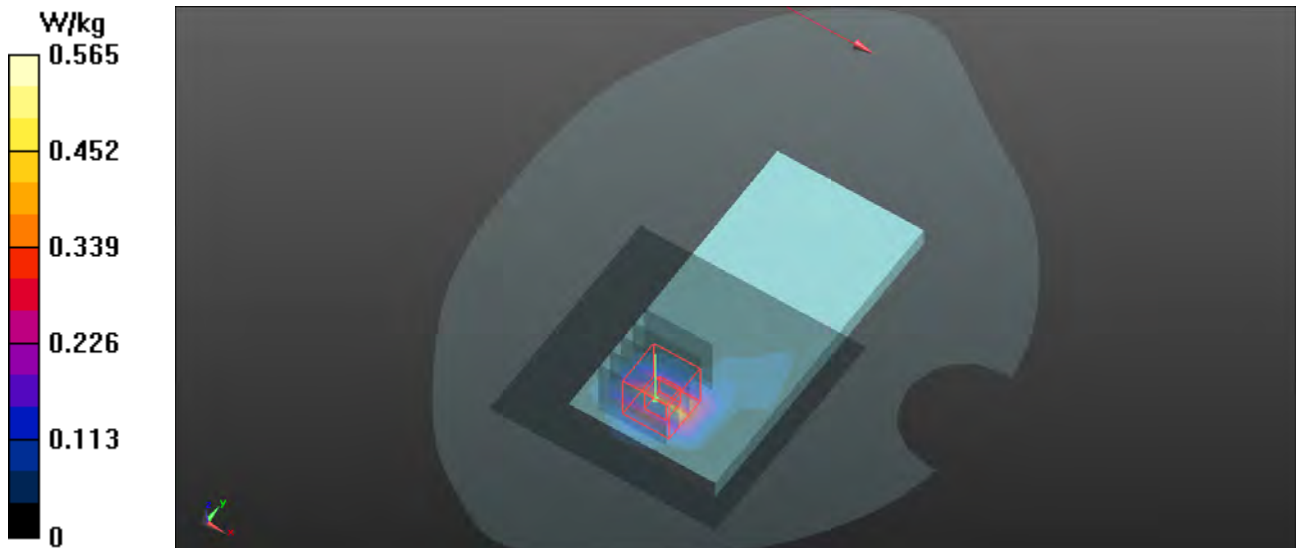
**Configuration/Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.553 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.732 W/kg

**SAR(1 g) = 0.368 W/kg; SAR(10 g) = 0.176 W/kg**

Maximum value of SAR (measured) = 0.468 W/kg



## P20 802.11b\_Rear Face\_1cm\_6\_Battery 2

### DUT: EUT

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

Medium: MSL2450 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.989$  S/m;  $\epsilon_r = 53.098$ ;  $\rho = 1000$  kg/m<sup>3</sup>

### 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=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.169 W/kg

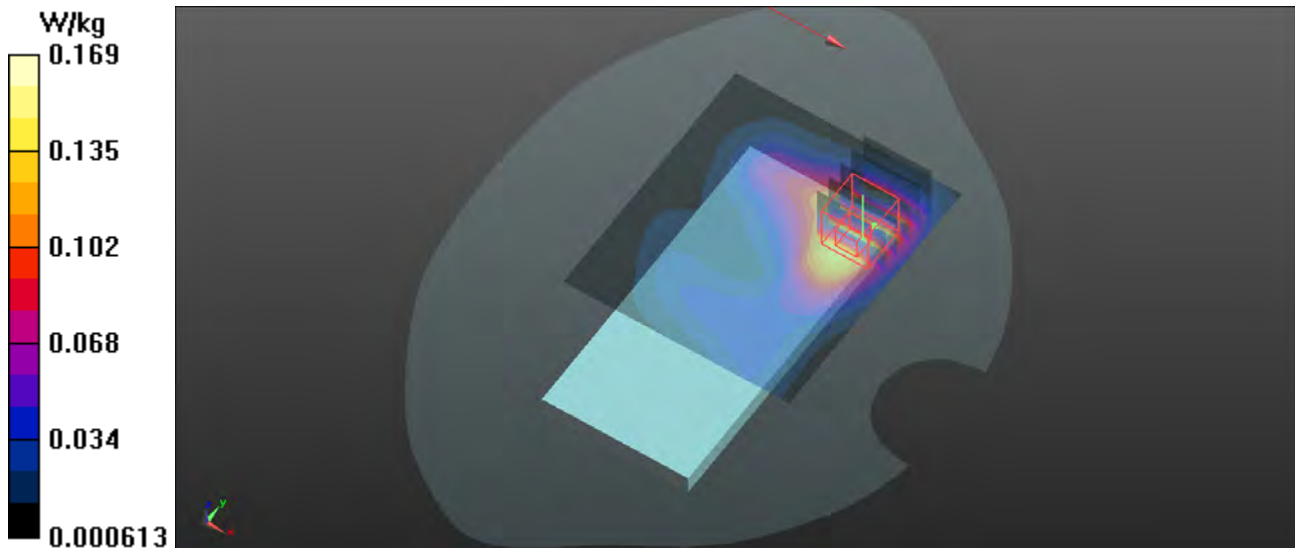
**Configuration/Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.350 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.277 W/kg

**SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.068 W/kg**

Maximum value of SAR (measured) = 0.167 W/kg



## P21 GSM850\_GSM\_Rear Face\_1.5cm\_251\_Battery 2

### DUT: EUT

Communication System: UID 0, GSM (0); Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: MSL850 Medium parameters used:  $f = 849 \text{ MHz}$ ;  $\sigma = 1.009 \text{ S/m}$ ;  $\epsilon_r = 55.933$ ;  $\rho = 1000 \text{ kg/m}^3$

### 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 (61x81x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) =  $0.267 \text{ W/kg}$

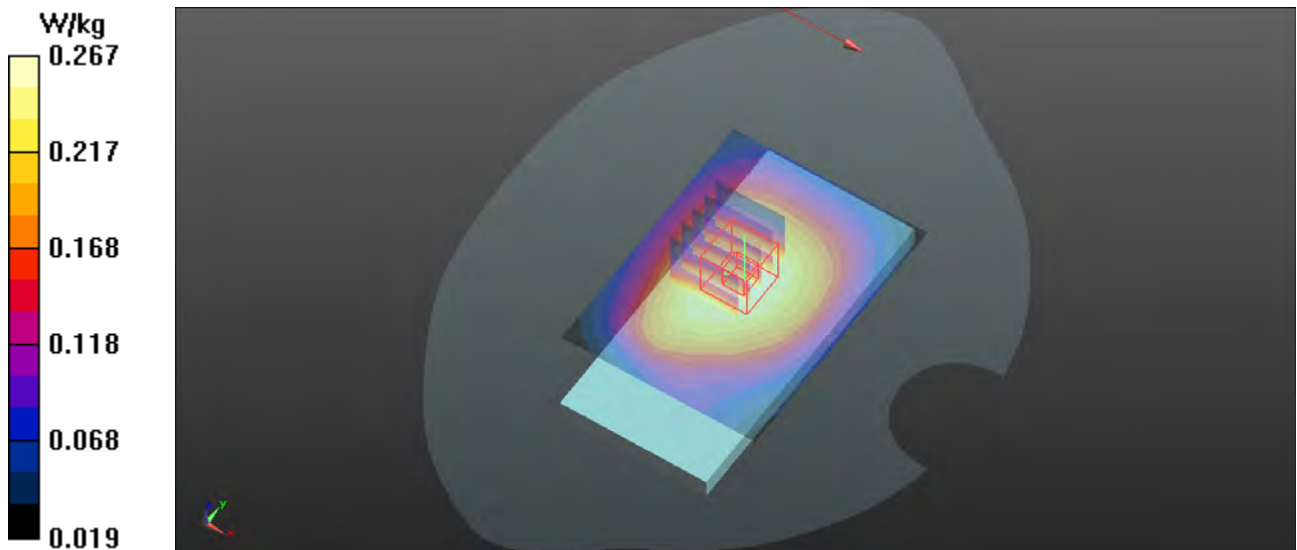
**Configuration/Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $16.58 \text{ V/m}$ ; Power Drift =  $0.01 \text{ dB}$

Peak SAR (extrapolated) =  $0.315 \text{ W/kg}$

**SAR(1 g) =  $0.243 \text{ W/kg}$ ; SAR(10 g) =  $0.183 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.267 \text{ W/kg}$



## P22 GSM1900\_GSM\_Rear Face\_1.5cm\_512\_Battery 1

### DUT: EUT

Communication System: UID 0, GSM (0); Frequency: 1850.2 MHz; Duty Cycle: 1:8.3  
 Medium: MSL1900 Medium parameters used (interpolated):  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.469 \text{ S/m}$ ;  $\epsilon_r = 53.916$ ;  $\rho = 1000 \text{ kg/m}^3$

### 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 (71x71x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) = 0.145 W/kg

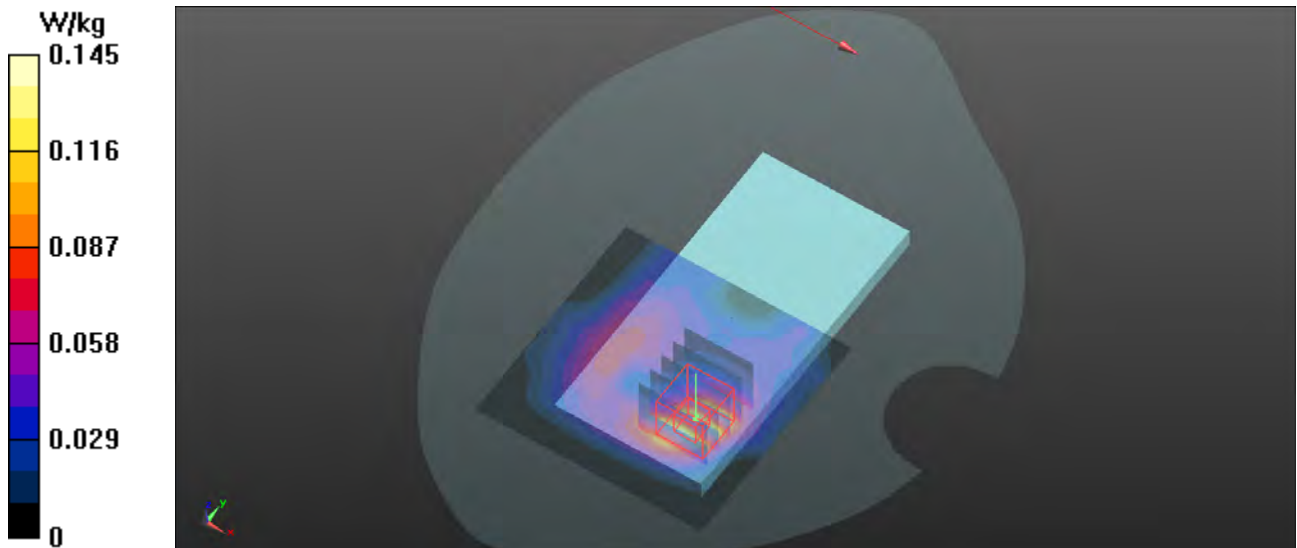
**Configuration/Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 3.906 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.209 W/kg

**SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.069 W/kg**

Maximum value of SAR (measured) = 0.148 W/kg



**P23 WCDMA II\_RMC12.2K\_Rear Face\_1.5cm\_9538\_Battery 1****DUT: EUT**

Communication System: UID 0, WCDMA (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1  
Medium: MSL1900 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.543$  S/m;  $\epsilon_r = 53.702$ ;  $\rho = 1000$  kg/m<sup>3</sup>

**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 (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.298 W/kg

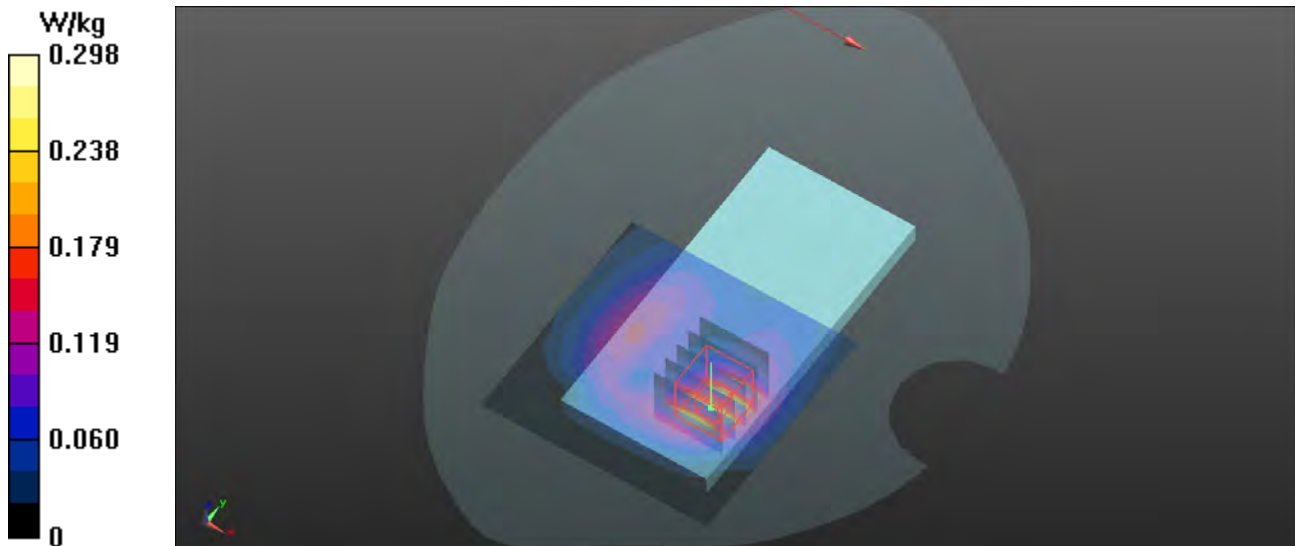
**Configuration/Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.599 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.419 W/kg

**SAR(1 g) = 0.243 W/kg; SAR(10 g) = 0.136 W/kg**

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





## P24 WCDMA IV\_RMC12.2K\_Rear Face\_1.5cm\_1413\_Battery 1

### DUT: EUT

Communication System: UID 0, WCDMA (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1  
Medium: MSL1750 Medium parameters used:  $f = 1733 \text{ MHz}$ ;  $\sigma = 1.453 \text{ S/m}$ ;  $\epsilon_r = 53.722$ ;  $\rho = 1000 \text{ kg/m}^3$

### 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 (71x71x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) = 0.240 W/kg

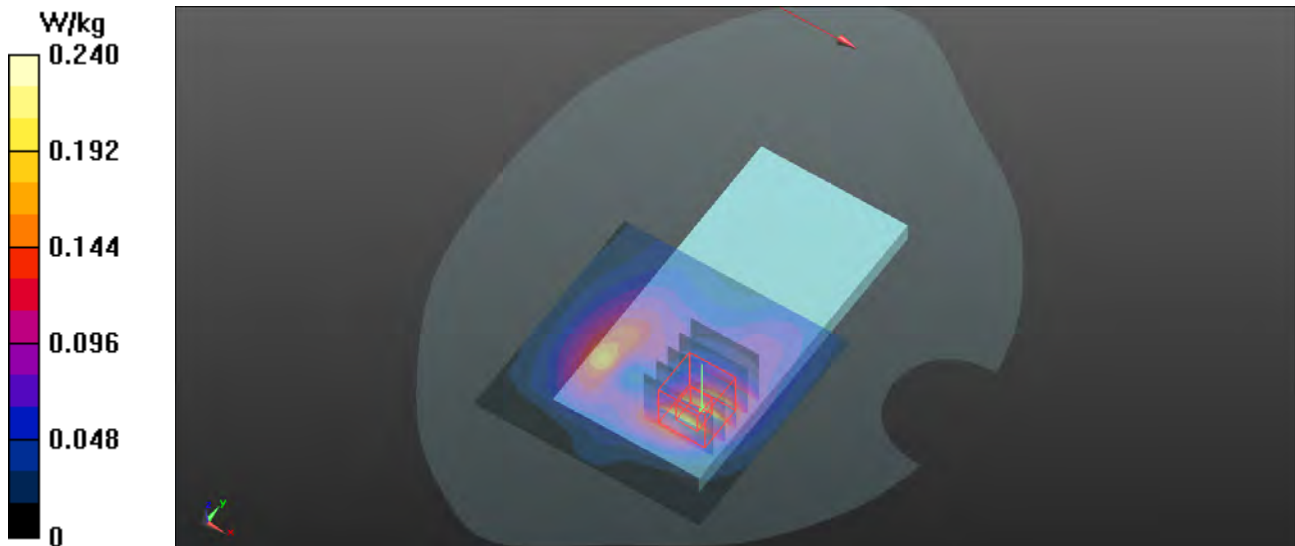
**Configuration/Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 5.434 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.327 W/kg

**SAR(1 g) = 0.197 W/kg; SAR(10 g) = 0.111 W/kg**

Maximum value of SAR (measured) = 0.234 W/kg





### P25 WCDMA V\_RMC12.2K\_Rear Face\_1.5cm\_4233\_Battery 1

#### DUT: EUT

Communication System: UID 0, WCDMA (0); Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL850 Medium parameters used:  $f = 847 \text{ MHz}$ ;  $\sigma = 1.007 \text{ S/m}$ ;  $\epsilon_r = 55.954$ ;  $\rho = 1000 \text{ kg/m}^3$

#### 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 (61x111x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) =  $0.279 \text{ W/kg}$

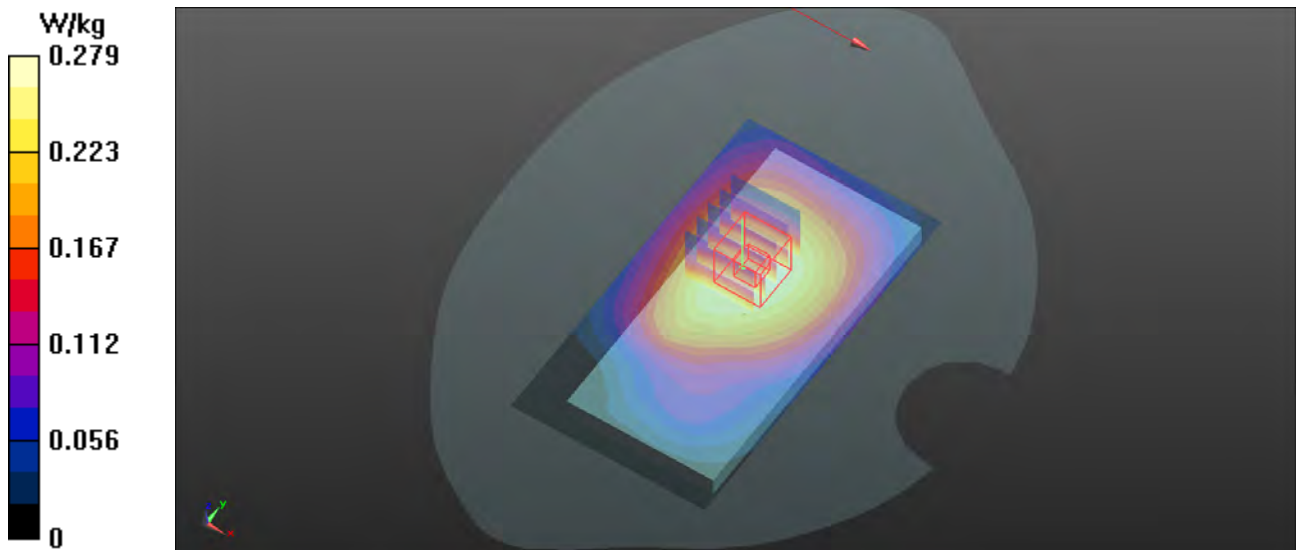
**Configuration/Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $16.78 \text{ V/m}$ ; Power Drift =  $0.01 \text{ dB}$

Peak SAR (extrapolated) =  $0.330 \text{ W/kg}$

**SAR(1 g) =  $0.249 \text{ W/kg}$ ; SAR(10 g) =  $0.186 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.276 \text{ W/kg}$



**P26 LTE 2\_QPSK20M\_Rear Face\_1.5cm\_18900\_1RB\_50 Offset\_Battery 1**

**DUT: EUT**

Communication System: UID 0, LTE FDD (0); Frequency: 1880 MHz;Duty Cycle: 1:1  
 Medium: MSL1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.507$  S/m;  $\epsilon_r = 53.803$ ;  $\rho = 1000$  kg/m<sup>3</sup>

**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 (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.300 W/kg

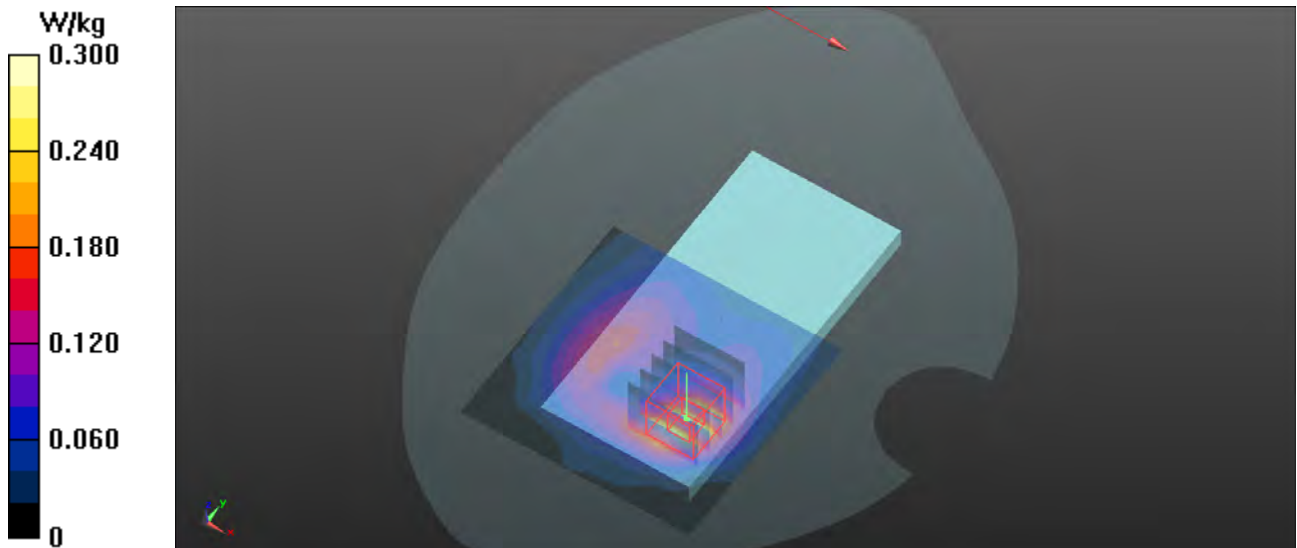
**Configuration/Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.275 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.416 W/kg

**SAR(1 g) = 0.247 W/kg; SAR(10 g) = 0.139 W/kg**

Maximum value of SAR (measured) = 0.300 W/kg



**P27 LTE 4\_QPSK20M\_Rear Face\_1.5cm\_20050\_1RB\_0 Offset\_Battery 1**

**DUT: EUT**

Communication System: UID 0, LTE FDD (0); Frequency: 1720 MHz;Duty Cycle: 1:1  
 Medium: MSL1750 Medium parameters used:  $f = 1720$  MHz;  $\sigma = 1.44$  S/m;  $\epsilon_r = 53.751$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.202 W/kg

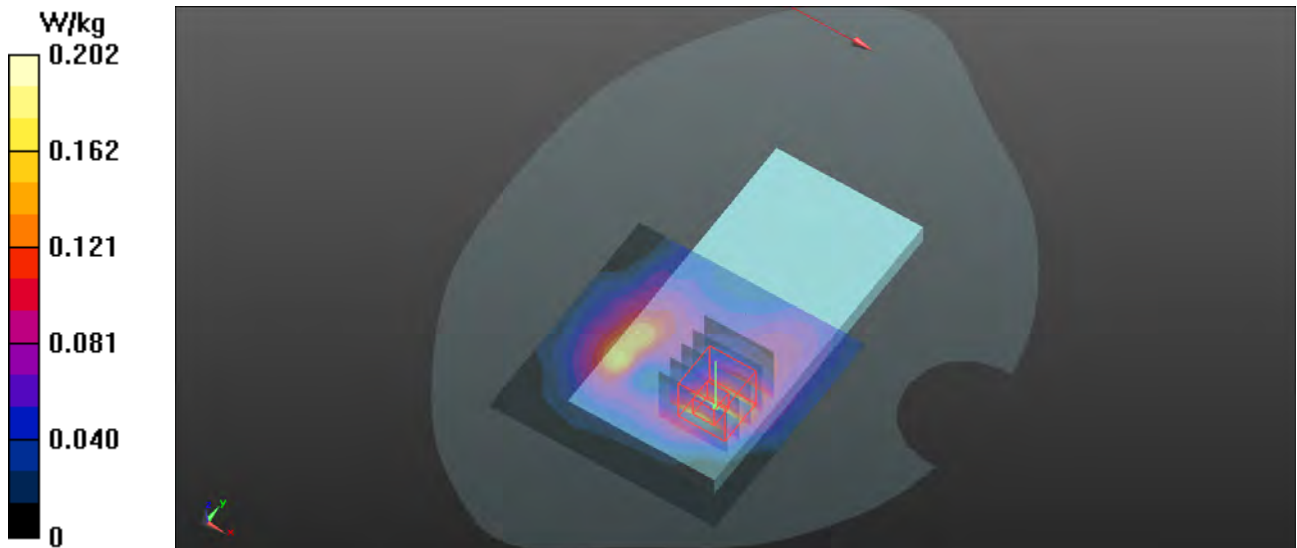
**Configuration/Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.036 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.269 W/kg

**SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.092 W/kg**

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



### P28 LTE 5\_QPSK10M\_Rear Face\_1.5cm\_20450\_1RB\_49 Offset\_Battery 1

#### DUT: EUT

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

Medium: MSL850 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 (61x81x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) =  $0.315 \text{ W/kg}$

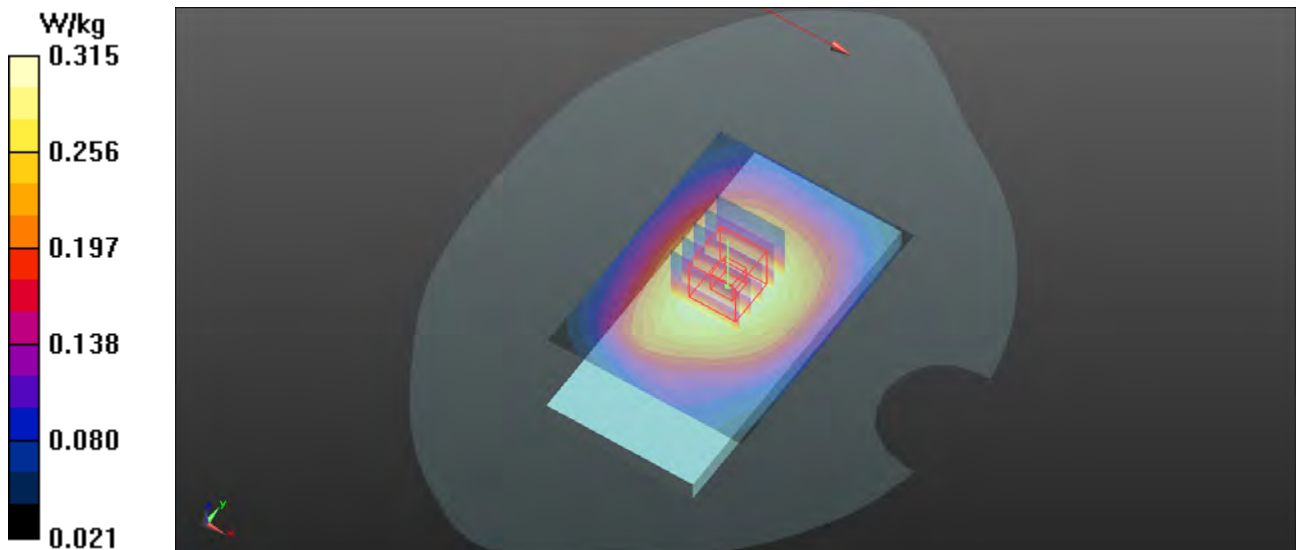
**Configuration/Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $18.27 \text{ V/m}$ ; Power Drift =  $-0.03 \text{ dB}$

Peak SAR (extrapolated) =  $0.375 \text{ W/kg}$

**SAR(1 g) =  $0.285 \text{ W/kg}$ ; SAR(10 g) =  $0.214 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.316 \text{ W/kg}$



## P29 LTE 7\_QPSK20M\_Rear Face\_1.5cm\_20850\_1RB\_50 Offset\_Battery 2

### DUT: EUT

Communication System: UID 0, LTE FDD (0); Frequency: 2510 MHz; Duty Cycle: 1:1  
Medium: MSL2600 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 2.091$  S/m;  $\epsilon_r = 52.725$ ;  $\rho = 1000$  kg/m<sup>3</sup>

### 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) = 0.586 W/kg

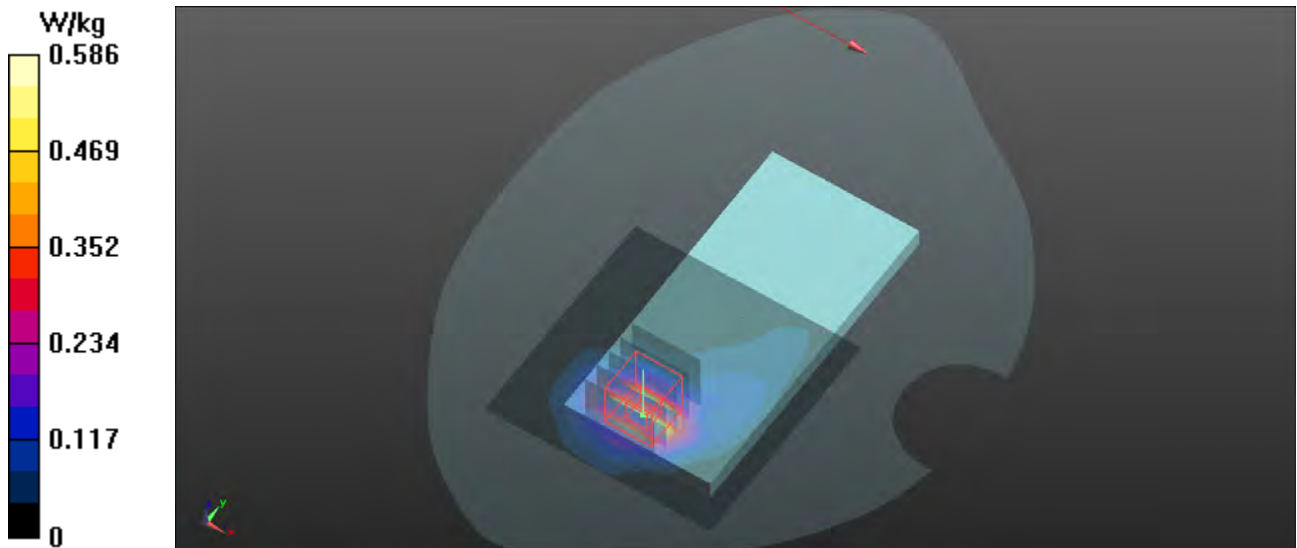
**Configuration/Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.392 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.925 W/kg

**SAR(1 g) = 0.486 W/kg; SAR(10 g) = 0.248 W/kg**

Maximum value of SAR (measured) = 0.591 W/kg



## P30 802.11b\_Front Face\_1.5cm\_6\_Battery 2

### DUT: EUT

Communication System: UID 0, 802.11b (0); Frequency: 2437 MHz; Duty Cycle: 1:1  
 Medium: MSL2450 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.989$  S/m;  $\epsilon_r = 53.098$ ;  $\rho = 1000$  kg/m<sup>3</sup>

### 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) = 0.0894 W/kg

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

Reference Value = 4.634 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.242 W/kg

**SAR(1 g) = 0.119 W/kg; SAR(10 g) = 0.061 W/kg**

Maximum value of SAR (measured) = 0.153 W/kg

