



## 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\_Ch189\_Ant0

**DUT: 150730C48**

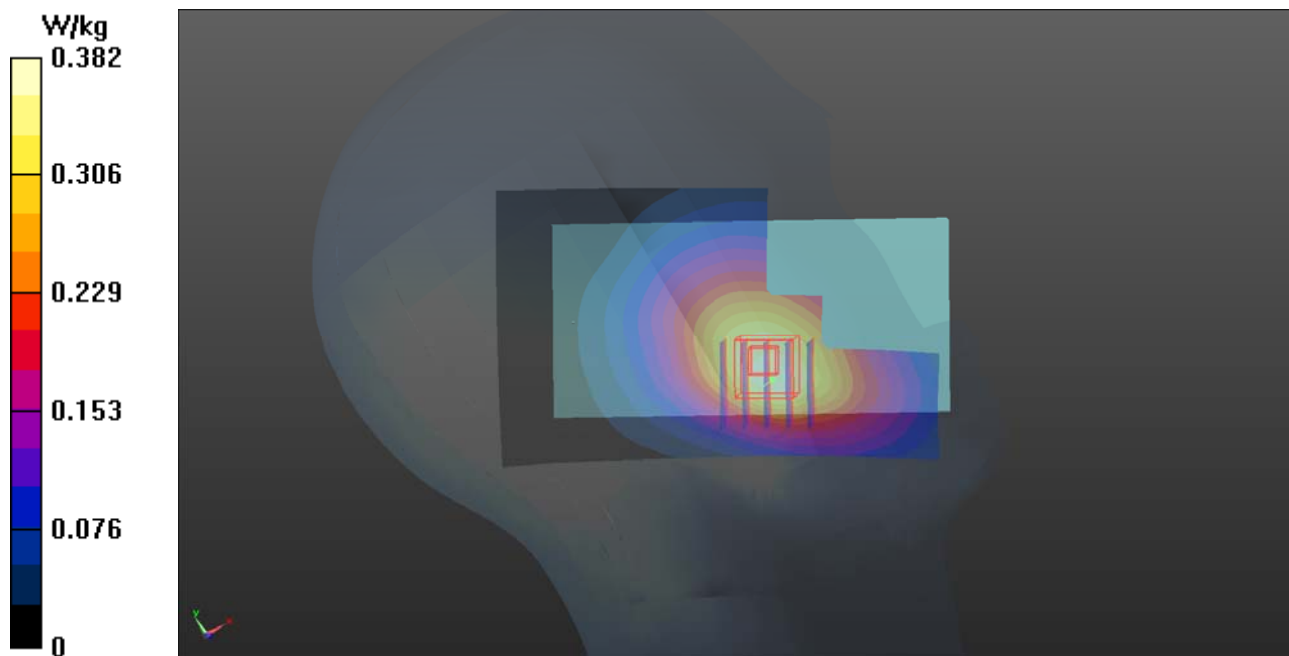
Communication System: GPRS12; Frequency: 836.4 MHz; Duty Cycle: 1:2  
Medium: H07T10N2\_0901 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.912$  S/m;  $\epsilon_r = 42.612$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(9.9, 9.9, 9.9); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom\_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.382 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 6.358 V/m; Power Drift = 0.07 dB  
Peak SAR (extrapolated) = 0.399 W/kg  
**SAR(1 g) = 0.308 W/kg; SAR(10 g) = 0.234 W/kg**  
Maximum value of SAR (measured) = 0.362 W/kg



## P02 GSM1900\_GPRS12\_Left Cheek\_Ch661\_Ant1

**DUT: 150730C46**

Communication System: GPRS12; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: H16T20N1\_0829 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.441$  S/m;  $\epsilon_r = 38.937$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.21, 8.21, 8.21); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom\_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

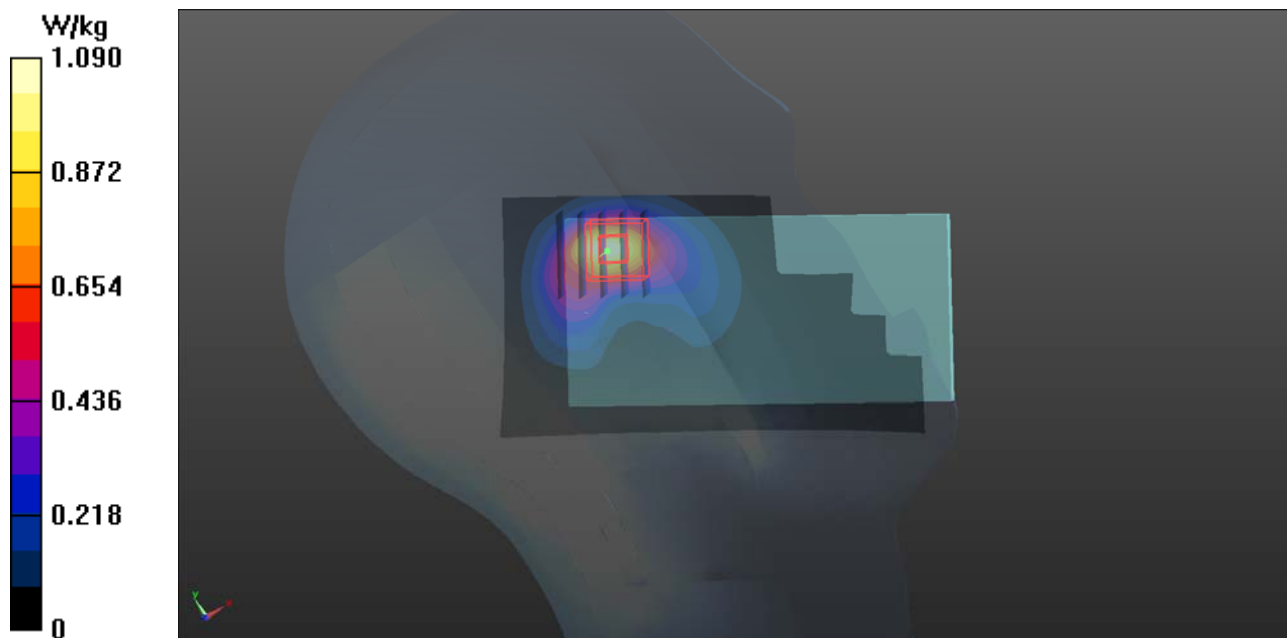
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.16 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.18 W/kg

**SAR(1 g) = 0.694 W/kg; SAR(10 g) = 0.364 W/kg**

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



### P03 WCDMA II\_RMC12.2K\_Left Cheek\_Ch9400\_Ant1

**DUT: 150730C48**

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

Medium: H16T20N1\_0829 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.441$  S/m;  $\epsilon_r = 38.937$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.21, 8.21, 8.21); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom\_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.43 W/kg

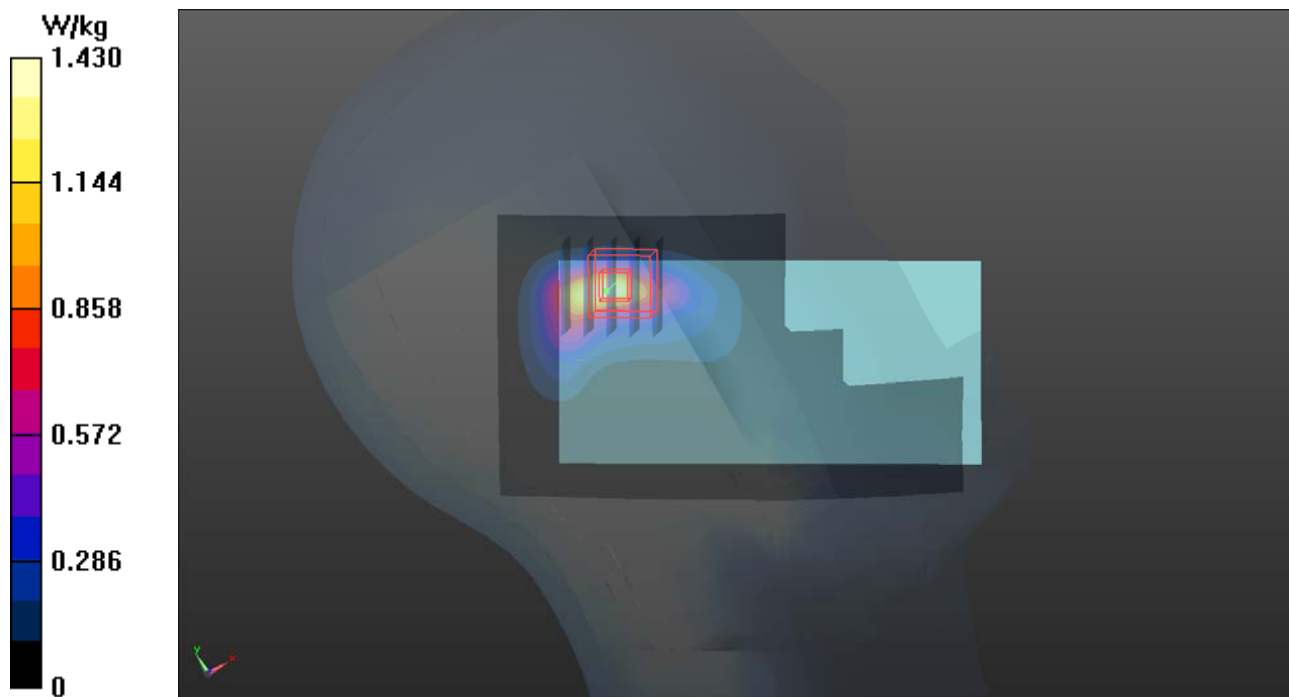
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 1.19 W/kg

**SAR(1 g) = 0.690 W/kg; SAR(10 g) = 0.356 W/kg**

Maximum value of SAR (measured) = 1.00 W/kg



## P04 WCDMA V\_RMC12.2K\_Left Cheek\_Ch4182\_Ant0

**DUT: 150730C48**

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: H07T10N1\_0830 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.928$  S/m;  $\epsilon_r = 42.392$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(9.9, 9.9, 9.9); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom\_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.368 W/kg

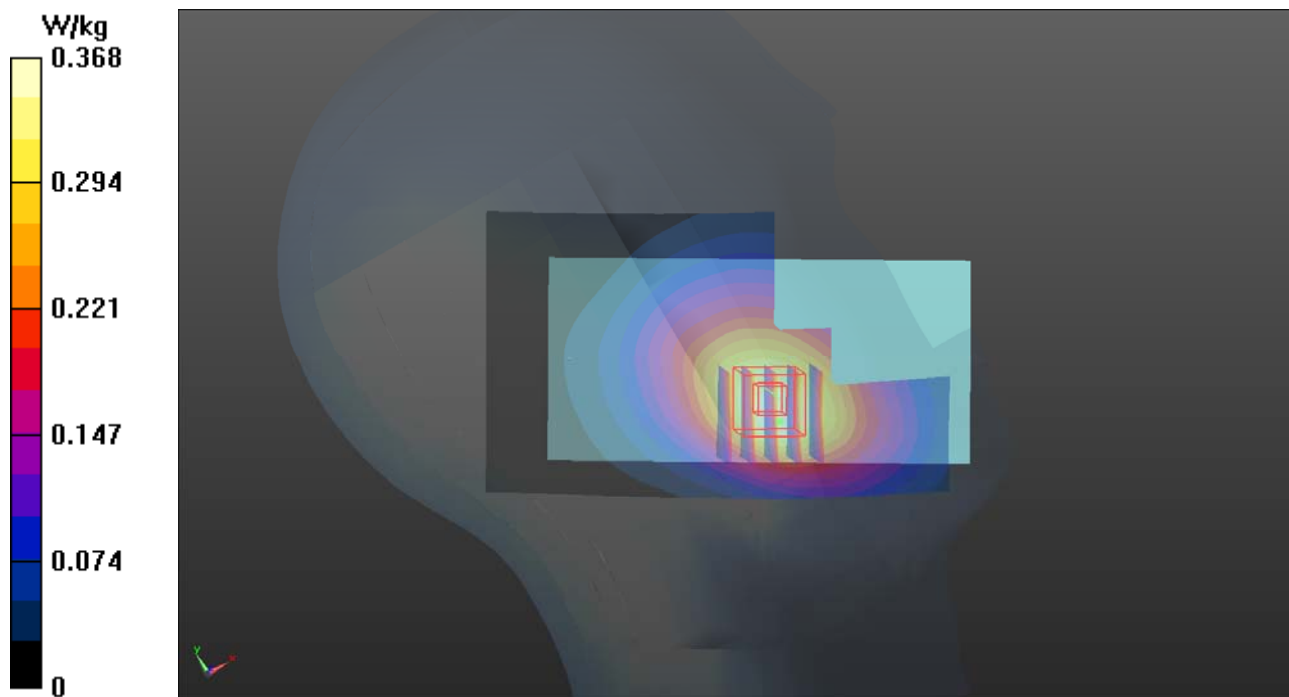
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.579 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.391 W/kg

**SAR(1 g) = 0.301 W/kg; SAR(10 g) = 0.225 W/kg**

Maximum value of SAR (measured) = 0.354 W/kg



## P05 LTE 5\_QPSK10M\_Left Cheek\_Ch20525\_Ant0\_1RB\_OS24

**DUT: 150730C48**

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: H07T10N2\_0831 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.927$  S/m;  $\epsilon_r$

$= 42.171$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(9.9, 9.9, 9.9); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom\_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1)**: Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.248 W/kg

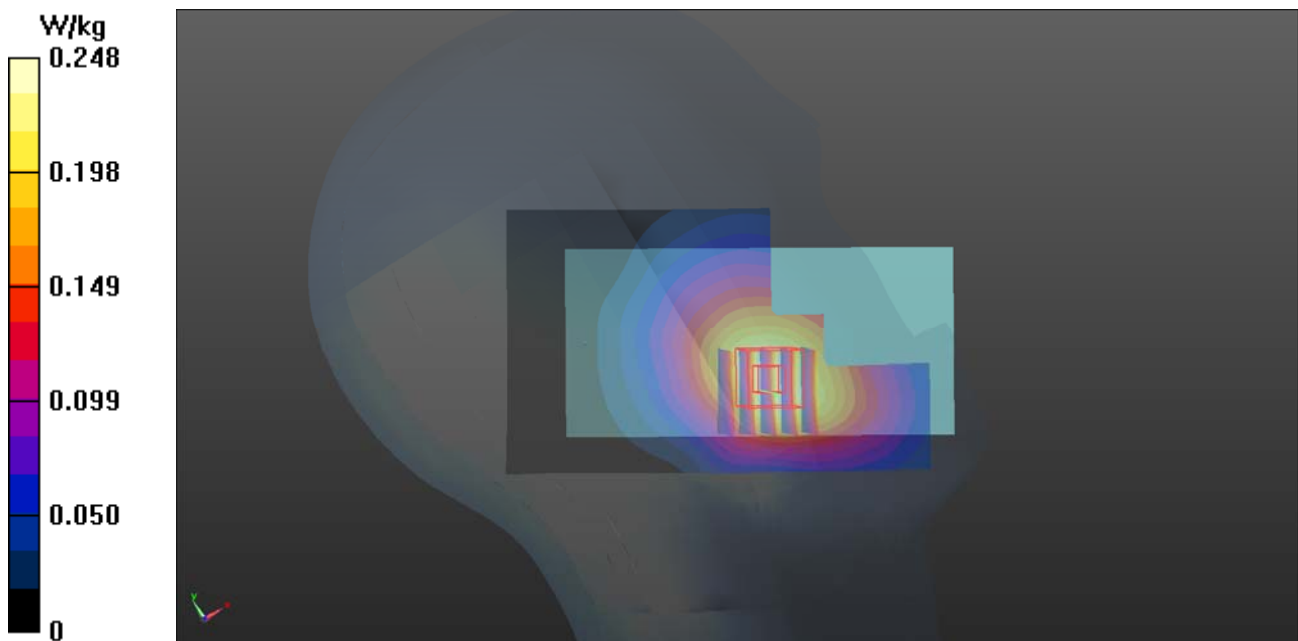
- **Zoom Scan (5x5x7)/Cube 0**: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.644 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.271 W/kg

**SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.158 W/kg**

Maximum value of SAR (measured) = 0.249 W/kg



### P06 LTE 7\_QPSK20M\_Left Check\_Ch21100\_Ant1\_1RB\_OS50

**DUT: 150730C48**

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

Medium: H19T27N1\_0902 Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.973$  S/m;  $\epsilon_r = 38.557$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.26, 7.26, 7.26); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom\_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.594 W/kg

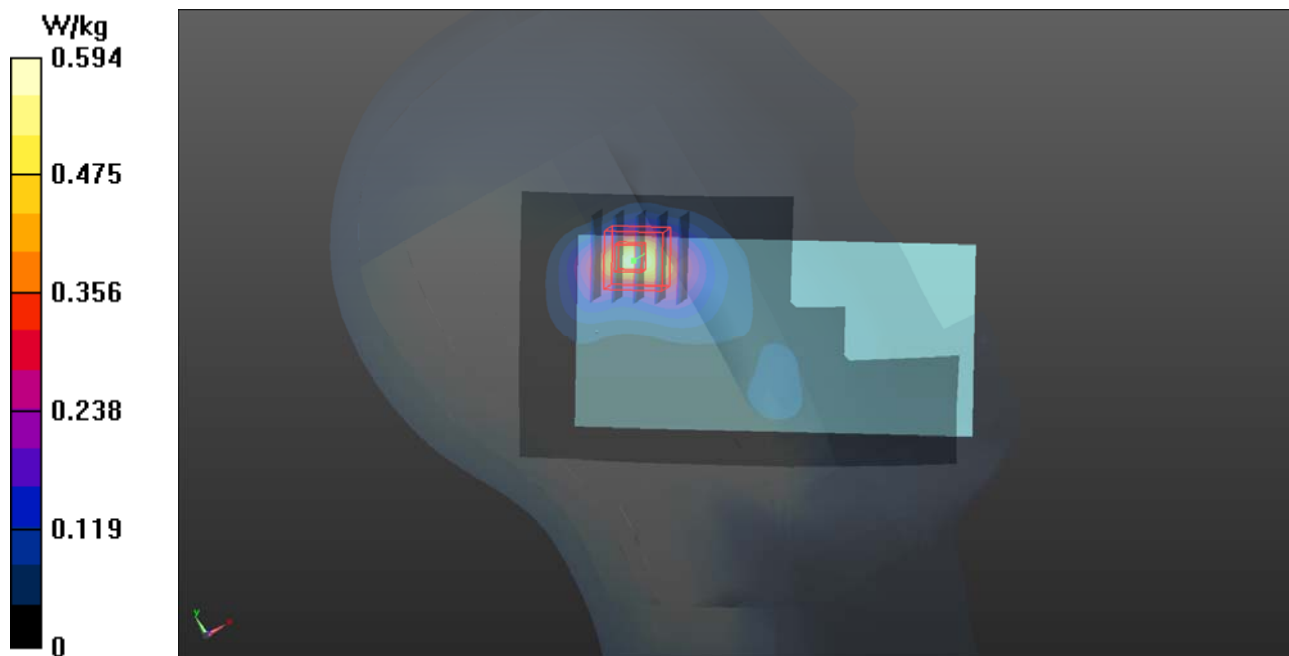
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.271 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.622 W/kg

**SAR(1 g) = 0.300 W/kg; SAR(10 g) = 0.138 W/kg**

Maximum value of SAR (measured) = 0.482 W/kg



### P07 LTE 41\_QPSK20M\_Left Check\_Ch40620\_Ant1\_1RB\_OS50

**DUT: 150730C48**

Communication System: LTE TDD CF0; Frequency: 2593 MHz; Duty Cycle: 1:1.58

Medium: H19T27N1\_0902 Medium parameters used:  $f = 2593$  MHz;  $\sigma = 2.036$  S/m;  $\epsilon_r = 38.333$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.26, 7.26, 7.26); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom\_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.380 W/kg

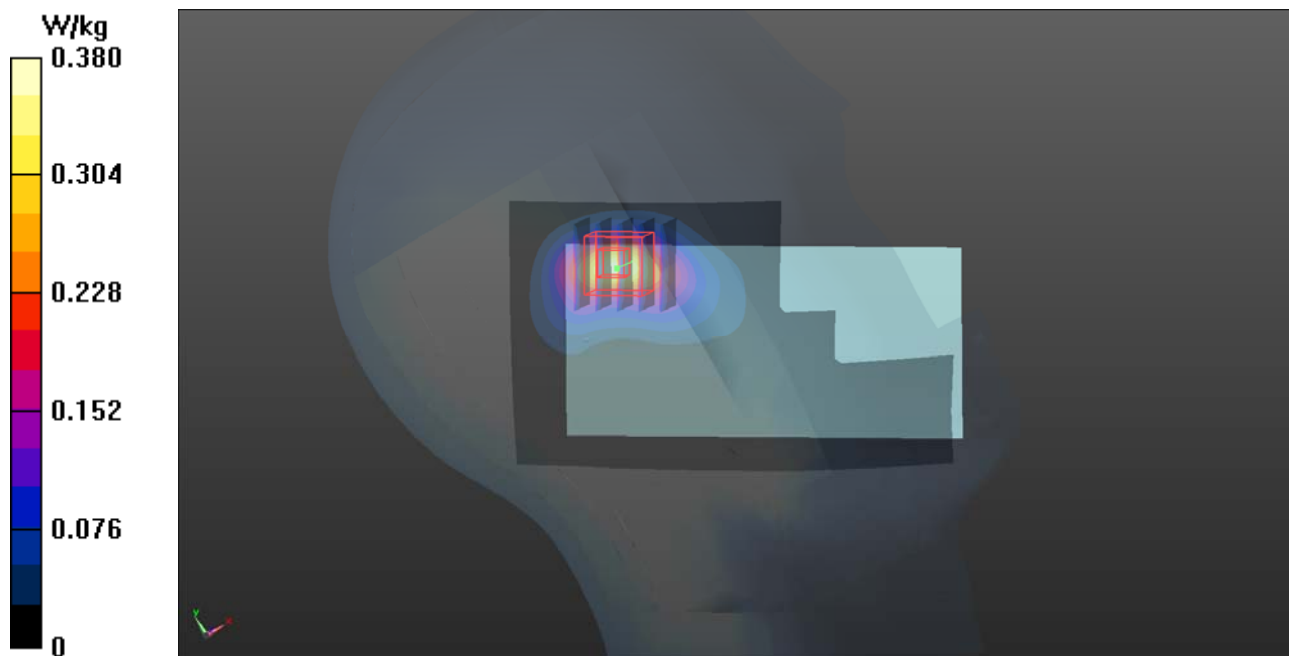
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.328 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.487 W/kg

**SAR(1 g) = 0.227 W/kg; SAR(10 g) = 0.102 W/kg**

Maximum value of SAR (measured) = 0.367 W/kg





## P08 2.4G WLAN\_802.11b\_Right Cheek\_Ch6

**DUT: 150730C48**

Communication System: WLAN\_2.4G; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: H19T27N2\_0824 Medium parameters used:  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.854 \text{ S/m}$ ;  $\epsilon_r$

$= 37.979$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.8^\circ\text{C}$ ; Liquid Temperature :  $23.5^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(7.89, 7.89, 7.89); Calibrated: 2015/02/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2015/04/28
- Phantom: Twin SAM Phantom\_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (91x151x1):** Interpolated grid:  $dx=1.200 \text{ mm}$ ,  $dy=1.200 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.682 \text{ W/kg}$

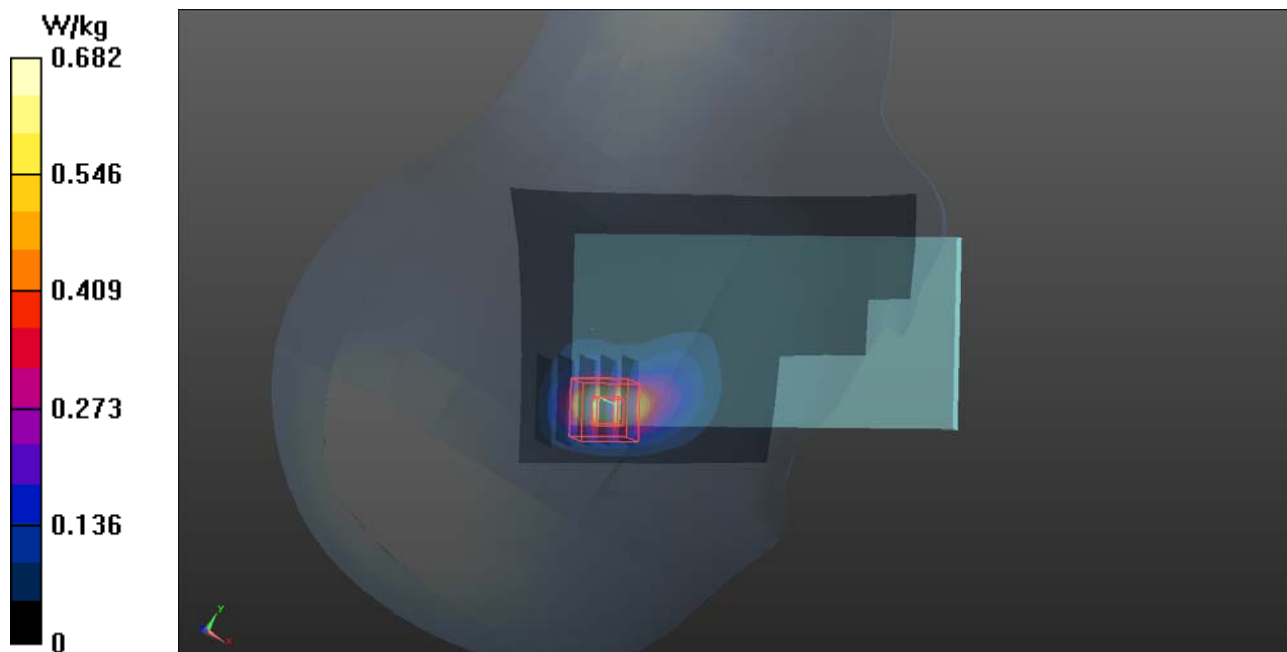
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $4.589 \text{ V/m}$ ; Power Drift =  $0.01 \text{ dB}$

Peak SAR (extrapolated) =  $0.995 \text{ W/kg}$

**SAR(1 g) =  $0.442 \text{ W/kg}$ ; SAR(10 g) =  $0.177 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.732 \text{ W/kg}$



## P09 5.3G WLAN\_802.11a\_Right Cheek\_Ch60

**DUT: 150730C48**

Communication System: WLAN\_5G; Frequency: 5300 MHz; Duty Cycle: 1:1.17

Medium: H34T60N3\_0821 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 4.888$  S/m;  $\epsilon_r = 35.16$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8°C; Liquid Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(5.47, 5.47, 5.47); Calibrated: 2015/02/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2015/04/28
- Phantom: Twin SAM Phantom\_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.236 W/kg

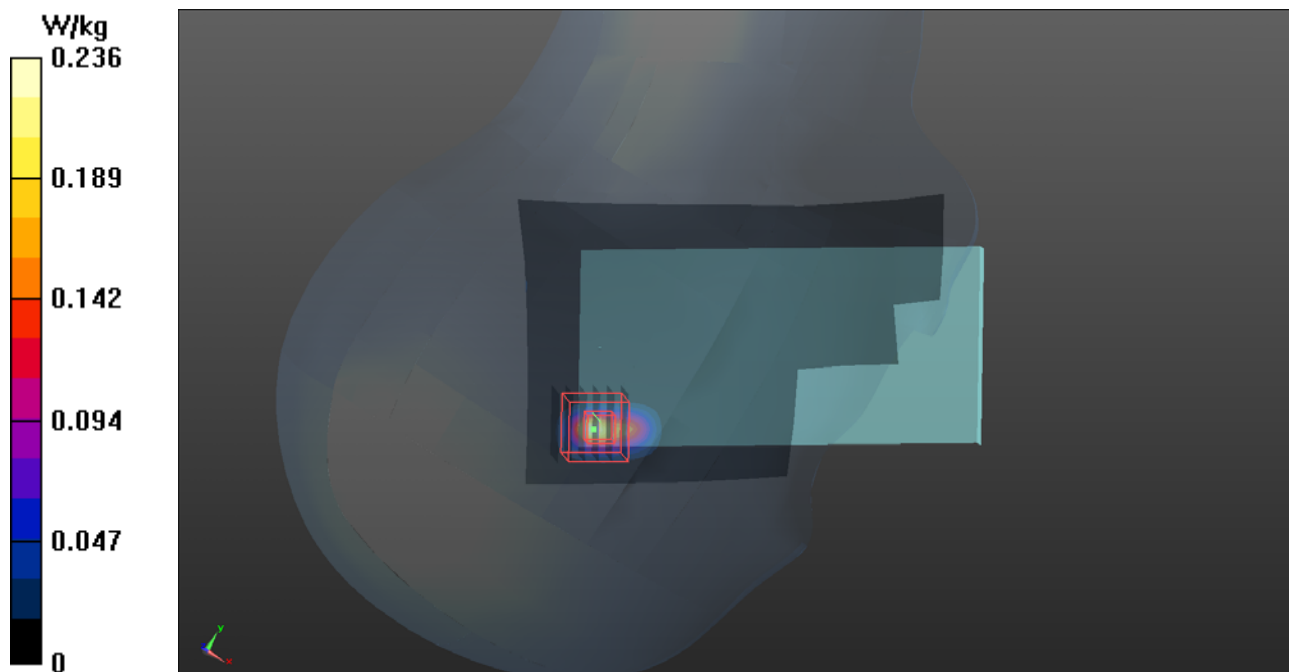
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 1.461 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.861 W/kg

**SAR(1 g) = 0.130 W/kg; SAR(10 g) = 0.027 W/kg**

Maximum value of SAR (measured) = 0.370 W/kg



### P10 5.6G WLAN\_802.11a\_Right Cheek\_Ch116

**DUT: 150730C48**

Communication System: WLAN\_5G; Frequency: 5580 MHz; Duty Cycle: 1:1.19

Medium: H34T60N3\_0821 Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.183$  S/m;  $\epsilon_r = 34.633$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8°C; Liquid Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.72, 4.72, 4.72); Calibrated: 2015/02/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2015/04/28
- Phantom: Twin SAM Phantom\_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**- Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.422 W/kg

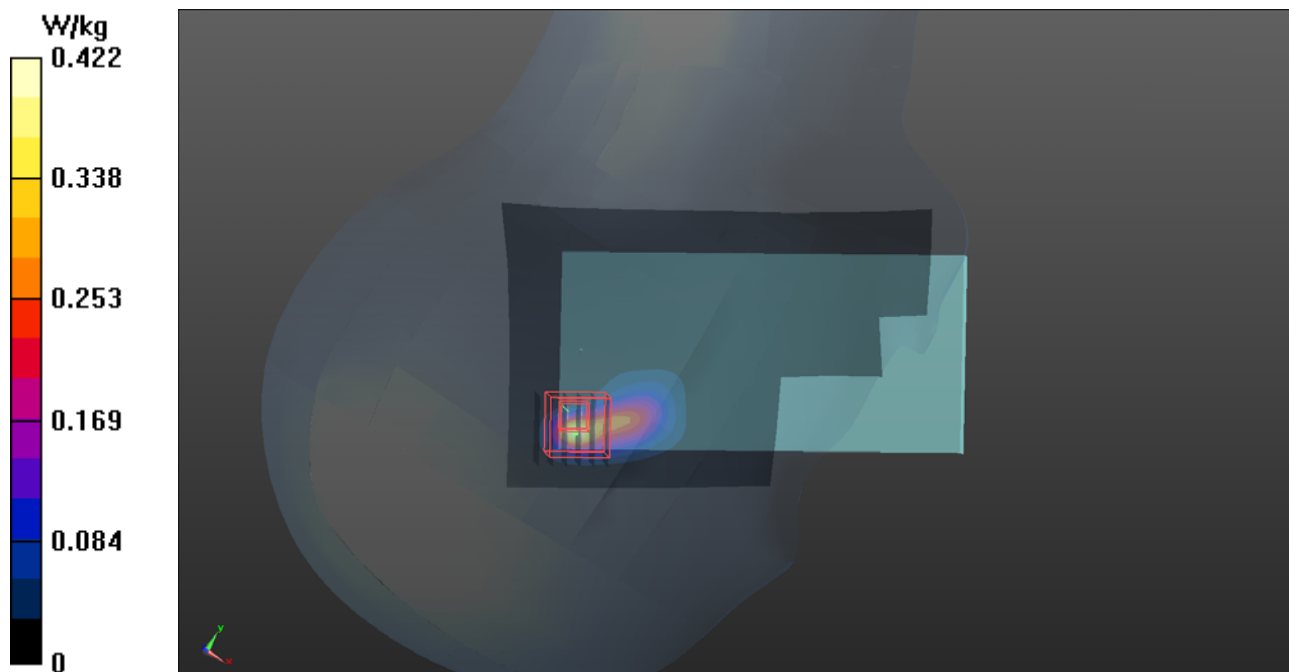
**- Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 1.989 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.22 W/kg

**SAR(1 g) = 0.288 W/kg; SAR(10 g) = 0.061 W/kg**

Maximum value of SAR (measured) = 0.678 W/kg



### P11 5.8G WLAN\_802.11a\_Right Cheek\_Ch157

**DUT: 150730C48**

Communication System: WLAN\_5G; Frequency: 5785 MHz; Duty Cycle: 1:1.19

Medium: H34T60N3\_0821 Medium parameters used:  $f = 5785$  MHz;  $\sigma = 5.415$  S/m;  $\epsilon_r = 34.328$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8°C; Liquid Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.97, 4.97, 4.97); Calibrated: 2015/02/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2015/04/28
- Phantom: Twin SAM Phantom\_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**- Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.557 W/kg

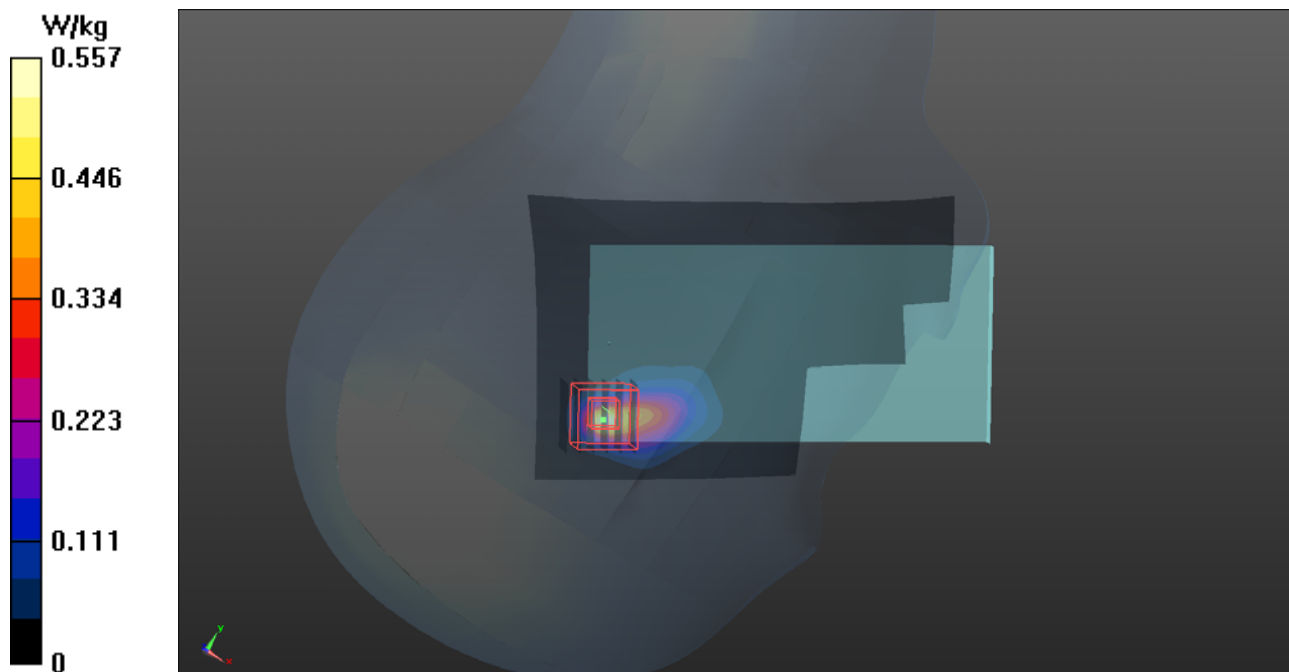
**- Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 1.583 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.74 W/kg

**SAR(1 g) = 0.298 W/kg; SAR(10 g) = 0.068 W/kg**

Maximum value of SAR (measured) = 0.825 W/kg



## P12 GSM850\_GPRS12\_Rear Face\_1cm\_Ch189\_Ant0

**DUT: 150730C48**

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

Medium: B07T10N2\_0905 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 1.018$  S/m;  $\epsilon_r = 54.424$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(9.83, 9.83, 9.83); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom\_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.899 W/kg

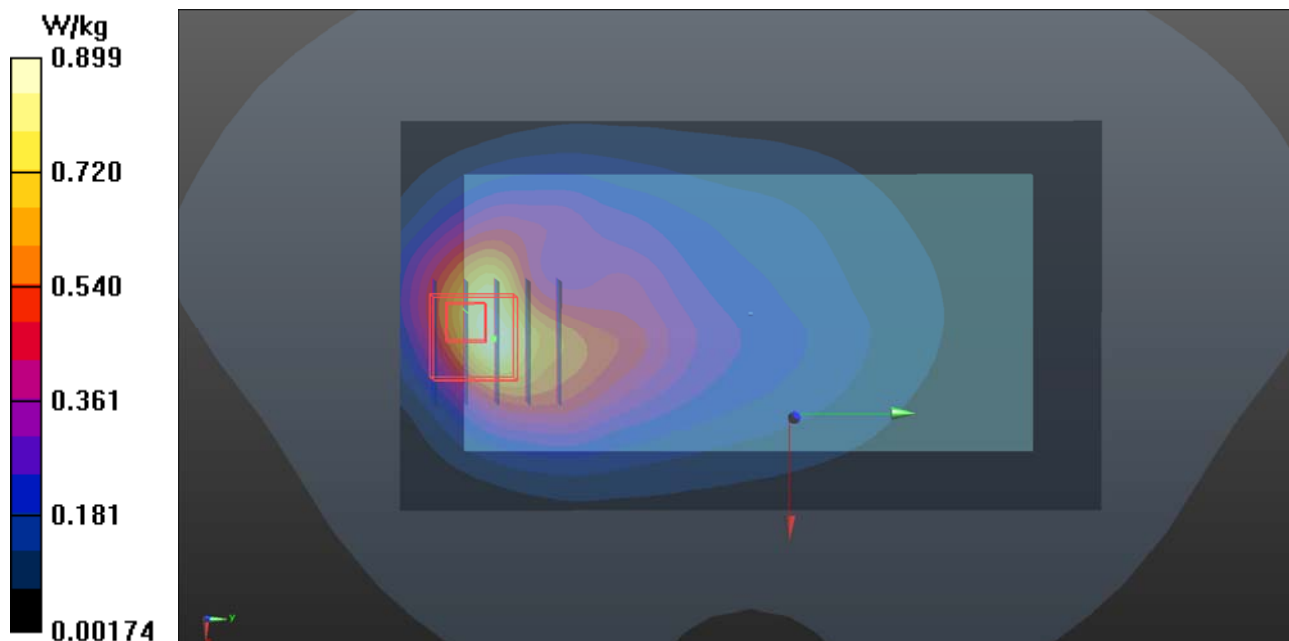
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.49 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.971 W/kg

**SAR(1 g) = 0.571 W/kg; SAR(10 g) = 0.331 W/kg**

Maximum value of SAR (measured) = 0.818 W/kg



### P13 GSM1900\_GPRS12\_Rear Face\_1cm\_Ch661\_Ant0

**DUT: 150730C48**

Communication System: GPRS12; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: B16T20N1\_0905 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.562$  S/m;  $\epsilon_r = 51.949$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.88, 7.88, 7.88); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom\_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.408 W/kg

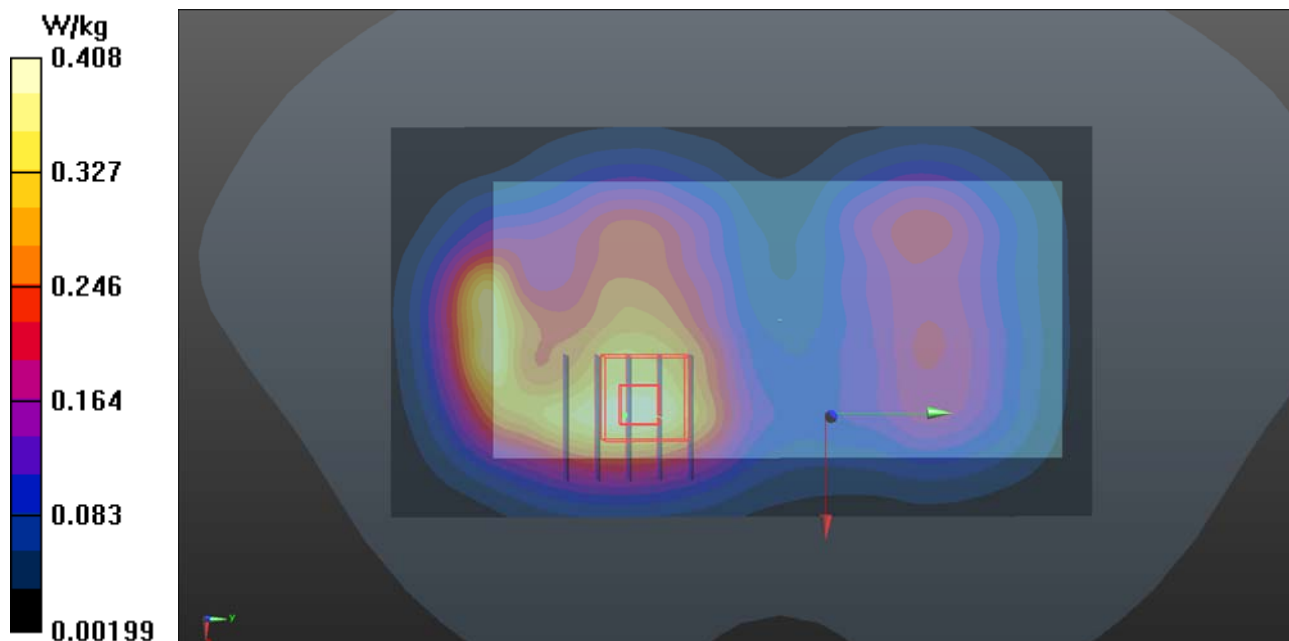
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.7550 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.436 W/kg

**SAR(1 g) = 0.279 W/kg; SAR(10 g) = 0.178 W/kg**

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



### P14 WCDMA II\_RMC12.2K\_Rear Face\_1cm\_Ch9400\_Ant0

**DUT: 150730C48**

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

Medium: B16T20N1\_0905 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.562$  S/m;  $\epsilon_r = 51.949$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.88, 7.88, 7.88); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom\_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.553 W/kg

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

Reference Value = 7.577 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.621 W/kg

**SAR(1 g) = 0.394 W/kg; SAR(10 g) = 0.252 W/kg**

Maximum value of SAR (measured) = 0.535 W/kg

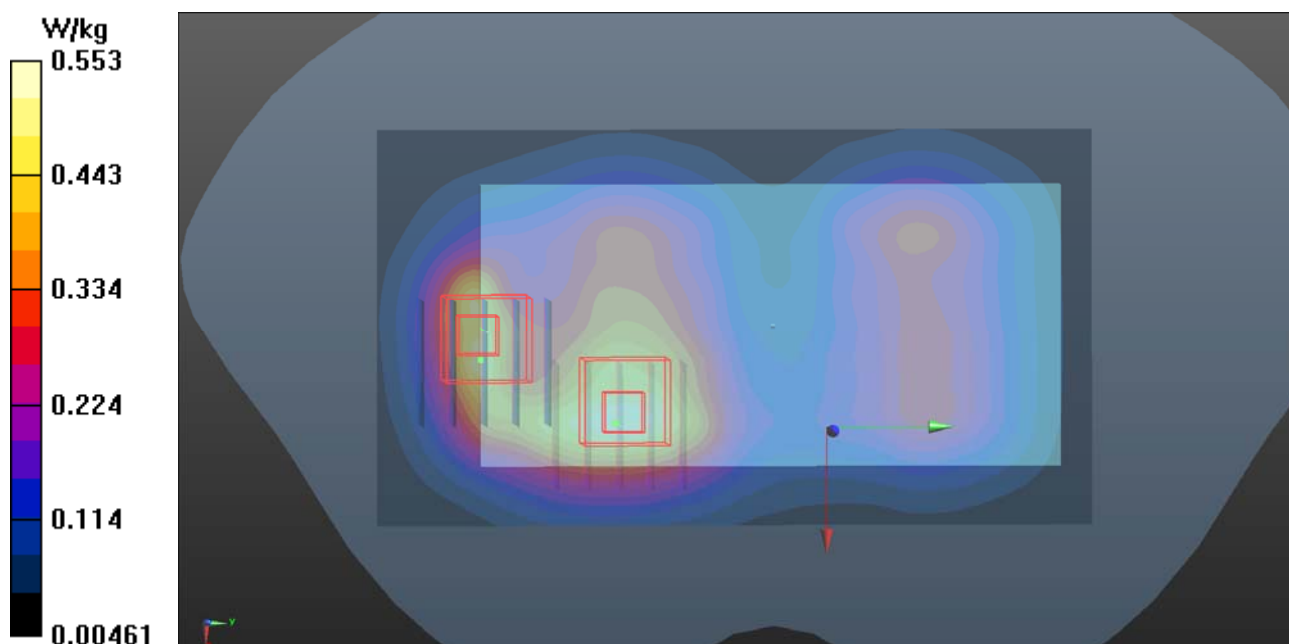
- **Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.577 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.653 W/kg

**SAR(1 g) = 0.366 W/kg; SAR(10 g) = 0.203 W/kg**

Maximum value of SAR (measured) = 0.555 W/kg



### P15 WCDMA V\_RMC12.2K\_Rear Face\_1cm\_Ch4182\_Ant0

**DUT: 150730C48**

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: B07T10N2\_0905 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 1.018$  S/m;  $\epsilon_r = 54.424$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(9.83, 9.83, 9.83); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom\_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.610 W/kg

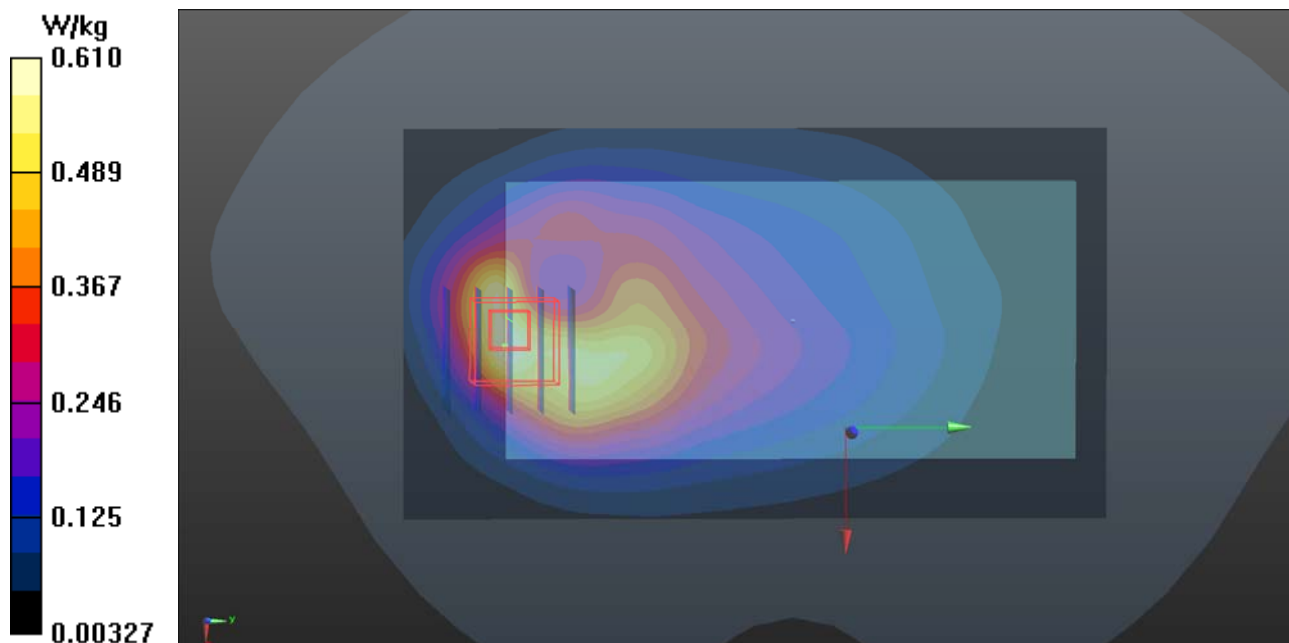
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.82 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.886 W/kg

**SAR(1 g) = 0.516 W/kg; SAR(10 g) = 0.303 W/kg**

Maximum value of SAR (measured) = 0.755 W/kg





### P16 LTE 5\_QPSK10M\_Rear Face\_1cm\_Ch20525\_Ant0\_1RB\_OS24

**DUT: 150730C48**

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: B07T10N2\_0905 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 1.018$  S/m;  $\epsilon_r = 54.422$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(9.83, 9.83, 9.83); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom\_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.411 W/kg

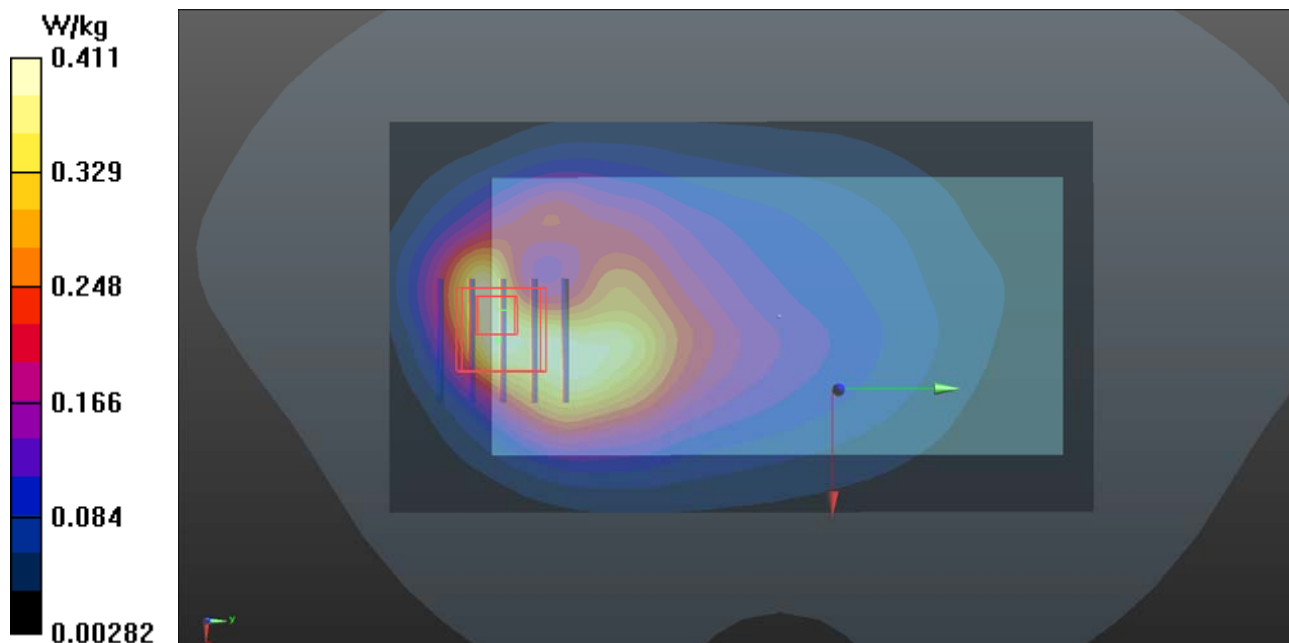
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.11 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.641 W/kg

**SAR(1 g) = 0.371 W/kg; SAR(10 g) = 0.216 W/kg**

Maximum value of SAR (measured) = 0.551 W/kg



### P17 LTE 7\_QPSK20M\_Front Face\_1cm\_Ch21100\_Ant0\_1RB\_OS50

**DUT: 150730C48**

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

Medium: B19T27N3\_0905 Medium parameters used:  $f = 2535$  MHz;  $\sigma = 2.111$  S/m;  $\epsilon_r = 50.557$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.19, 7.19, 7.19); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom\_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0915 W/kg

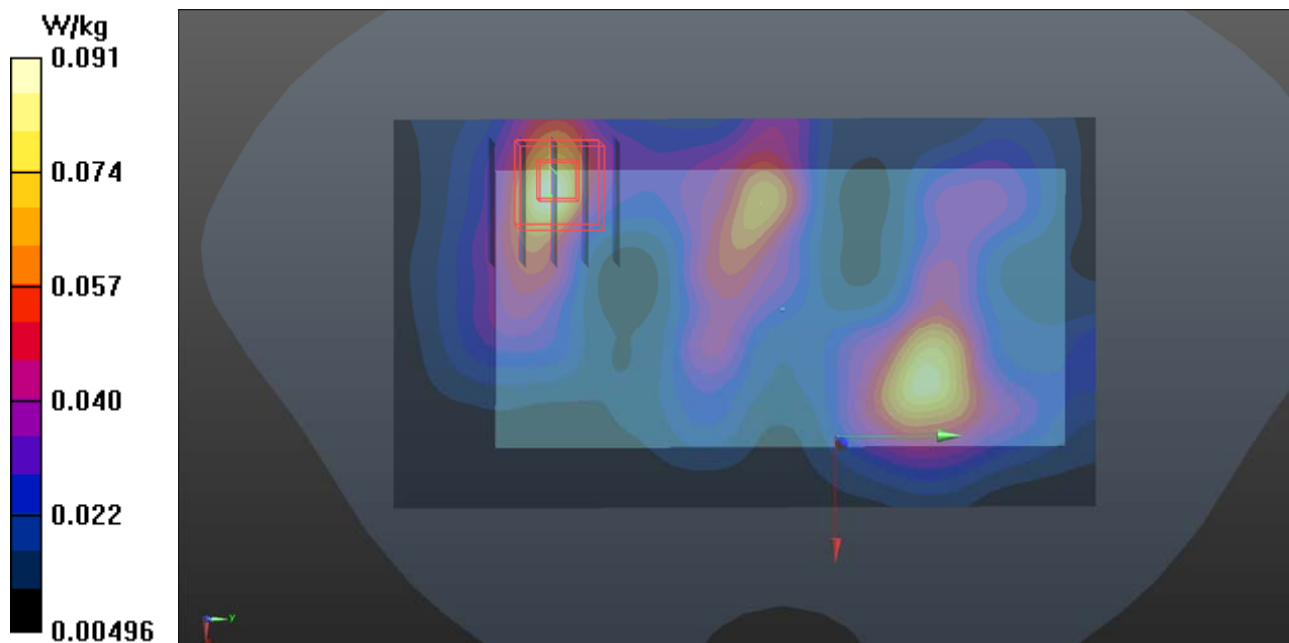
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.233 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.121 W/kg

**SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.033 W/kg**

Maximum value of SAR (measured) = 0.0915 W/kg



### P18 LTE 41\_QPSK20M\_Front Face\_1cm\_Ch40620\_Ant0\_1RB\_OS50

**DUT: 150730C48**

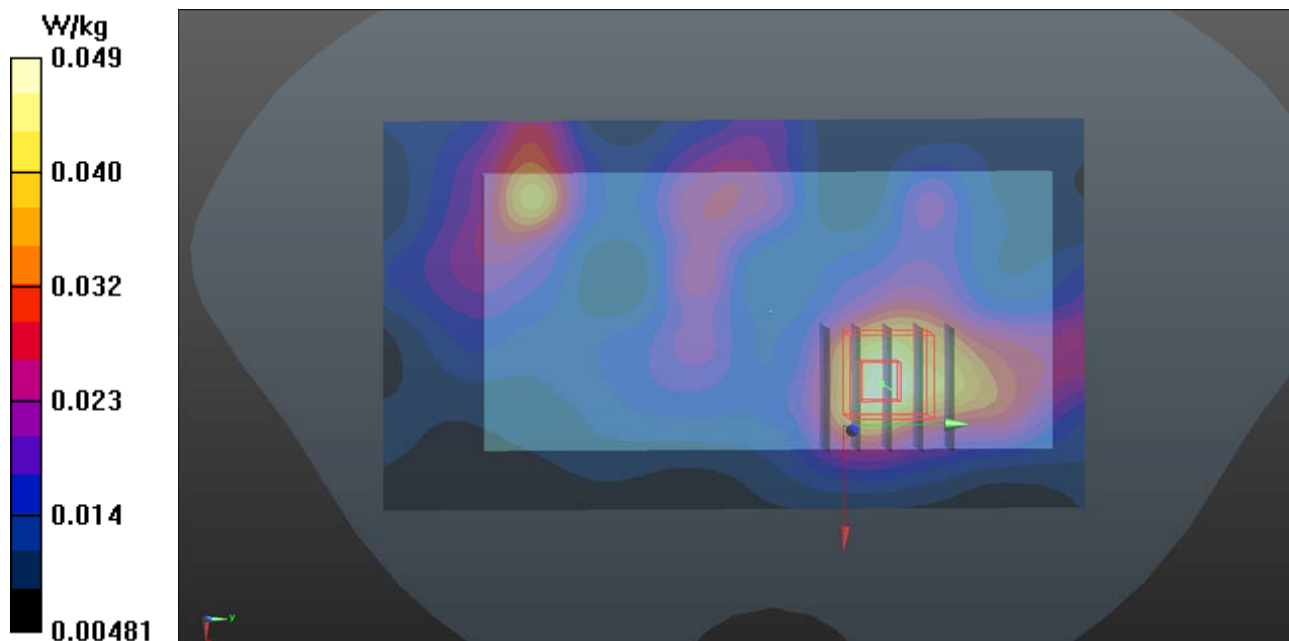
Communication System: LTE TDD CF0; Frequency: 2593 MHz; Duty Cycle: 1:10  
Medium: B19T27N3\_0905 Medium parameters used:  $f = 2593$  MHz;  $\sigma = 2.182$  S/m;  $\epsilon_r = 50.395$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.19, 7.19, 7.19); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom\_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.0494 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 2.045 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 0.0570 W/kg  
**SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.018 W/kg**  
Maximum value of SAR (measured) = 0.0436 W/kg



## P19 2.4G WLAN\_802.11b\_Front Face\_1cm\_Ch6

**DUT: 150730C48**

Communication System: WLAN\_2.4G; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: B19T27N3\_0821 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.983$  S/m;  $\epsilon_r$

$= 51.248$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8°C; Liquid Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(7.78, 7.78, 7.78); Calibrated: 2015/02/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2015/04/28
- Phantom: Twin SAM Phantom\_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.139 W/kg

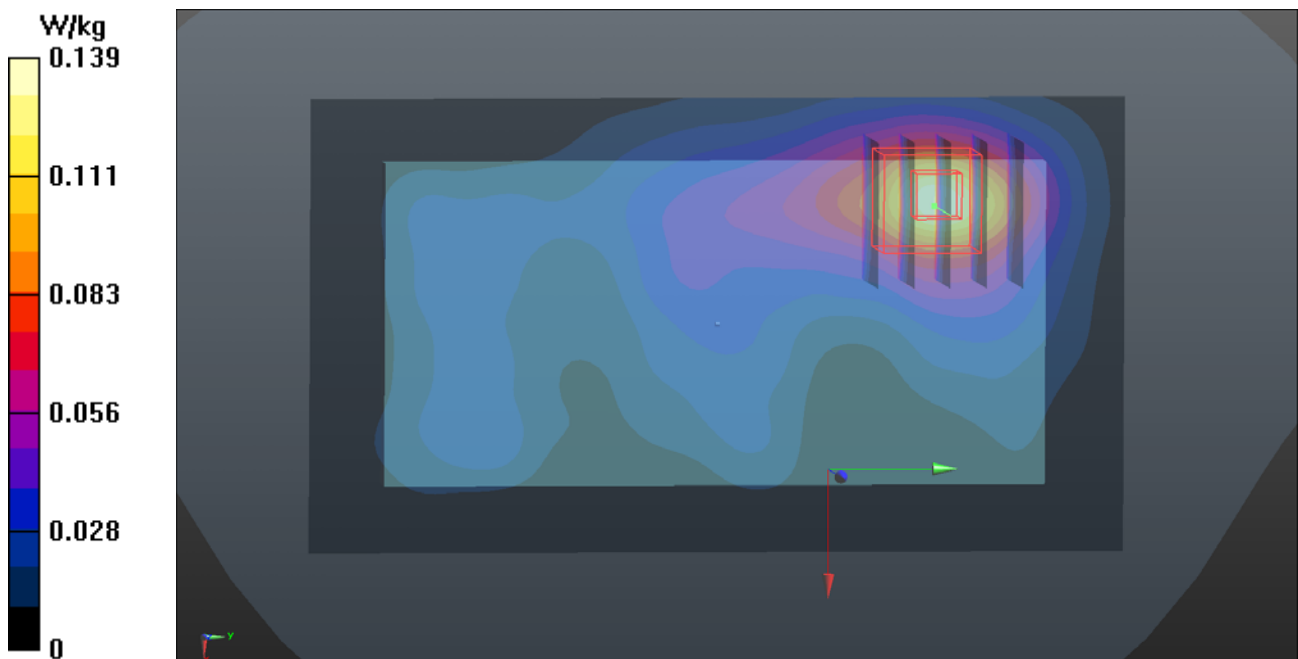
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.937 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.168 W/kg

**SAR(1 g) = 0.087 W/kg; SAR(10 g) = 0.045 W/kg**

Maximum value of SAR (measured) = 0.135 W/kg



### P20 5.3G WLAN\_802.11a\_Front Face\_1cm\_Ch60

**DUT: 150730C48**

Communication System: WLAN\_5G; Frequency: 5300 MHz; Duty Cycle: 1:1.17

Medium: B34T60N3\_0821 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.507$  S/m;  $\epsilon_r = 47.625$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8°C; Liquid Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.82, 4.82, 4.82); Calibrated: 2015/02/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2015/04/28
- Phantom: Twin SAM Phantom\_1202; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0318 W/kg

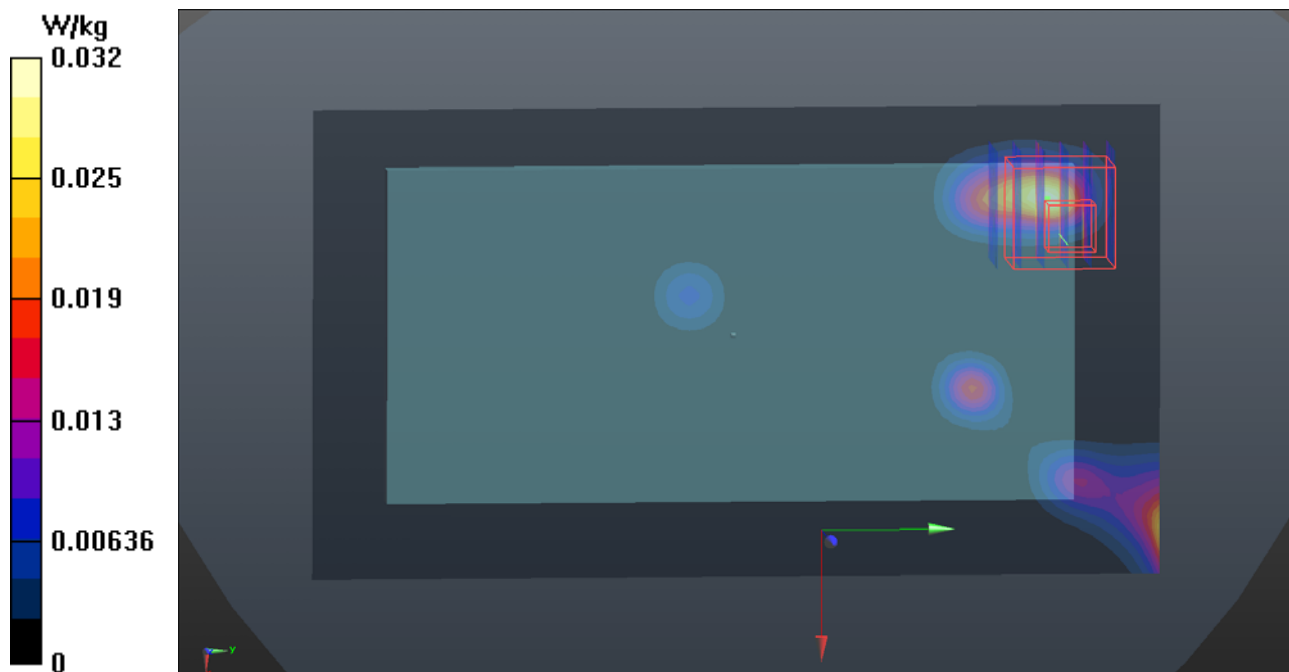
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 1.159 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.0650 W/kg

**SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.00395 W/kg**

Maximum value of SAR (measured) = 0.0303 W/kg



## P21 5.6G WLAN\_802.11a\_Front Face\_1cm\_Ch116

**DUT: 150730C48**

Communication System: WLAN\_5G; Frequency: 5580 MHz; Duty Cycle: 1:1.19

Medium: B34T60N3\_0821 Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.927$  S/m;  $\epsilon_r = 47.088$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8°C; Liquid Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.41, 4.41, 4.41); Calibrated: 2015/02/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2015/04/28
- Phantom: Twin SAM Phantom\_1202; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (91x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0970 W/kg

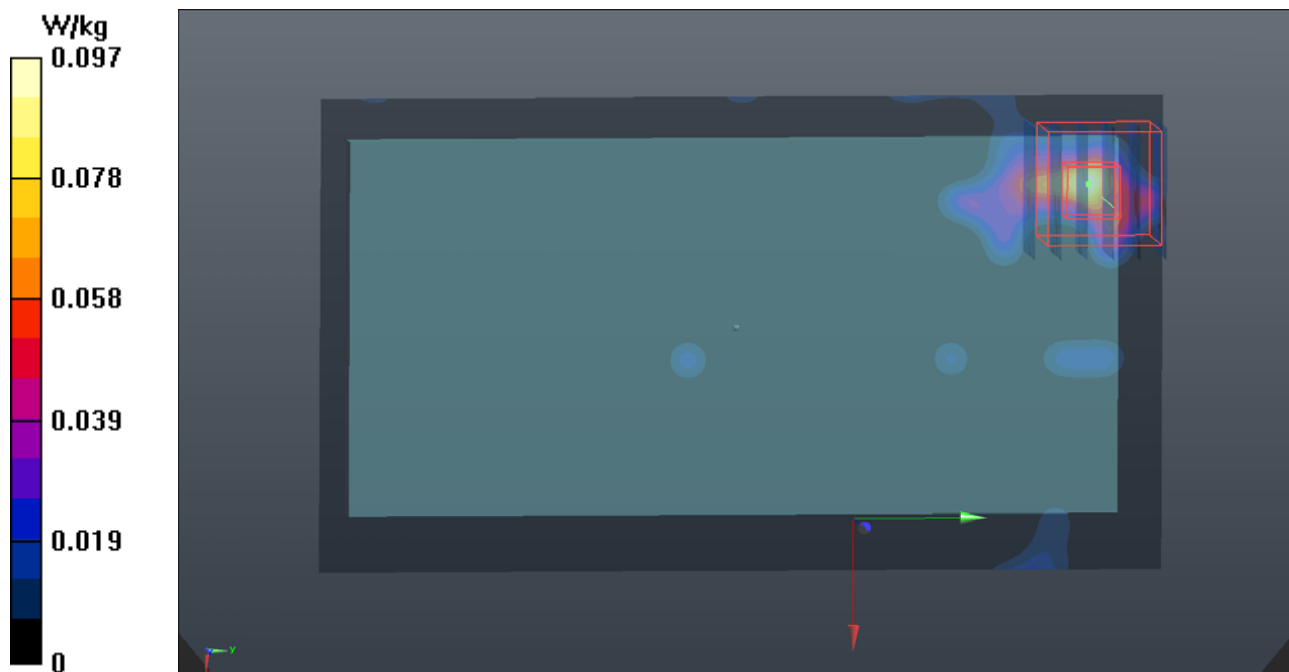
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 0.9640 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.110 W/kg

**SAR(1 g) = 0.027 W/kg; SAR(10 g) = 0.00916 W/kg**

Maximum value of SAR (measured) = 0.0689 W/kg



## P22 5.8G WLAN\_802.11a\_Rear Face\_1cm\_Ch157

**DUT: 150730C48**

Communication System: WLAN\_5G; Frequency: 5785 MHz; Duty Cycle: 1:1.19

Medium: B34T60N3\_0821 Medium parameters used:  $f = 5785$  MHz;  $\sigma = 6.215$  S/m;  $\epsilon_r = 46.681$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8°C; Liquid Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.63, 4.63, 4.63); Calibrated: 2015/02/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2015/04/28
- Phantom: Twin SAM Phantom\_1202; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0259 W/kg

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

Reference Value = 1.114 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.0950 W/kg

**SAR(1 g) = 0.00878 W/kg; SAR(10 g) = 0.00252 W/kg**

Maximum value of SAR (measured) = 0.0258 W/kg

