



## **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\_GPRS 10\_Right Cheek\_Ch251\_Ant0

**DUT: 160303C04**

Communication System: GPRS10; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: H07T10N3\_0325 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.944$  S/m;  $\epsilon_r = 42.397$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.45, 9.45, 9.45); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2015/07/22
- Phantom: Twin SAM Phantom\_1485; 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) = 0.300 W/kg

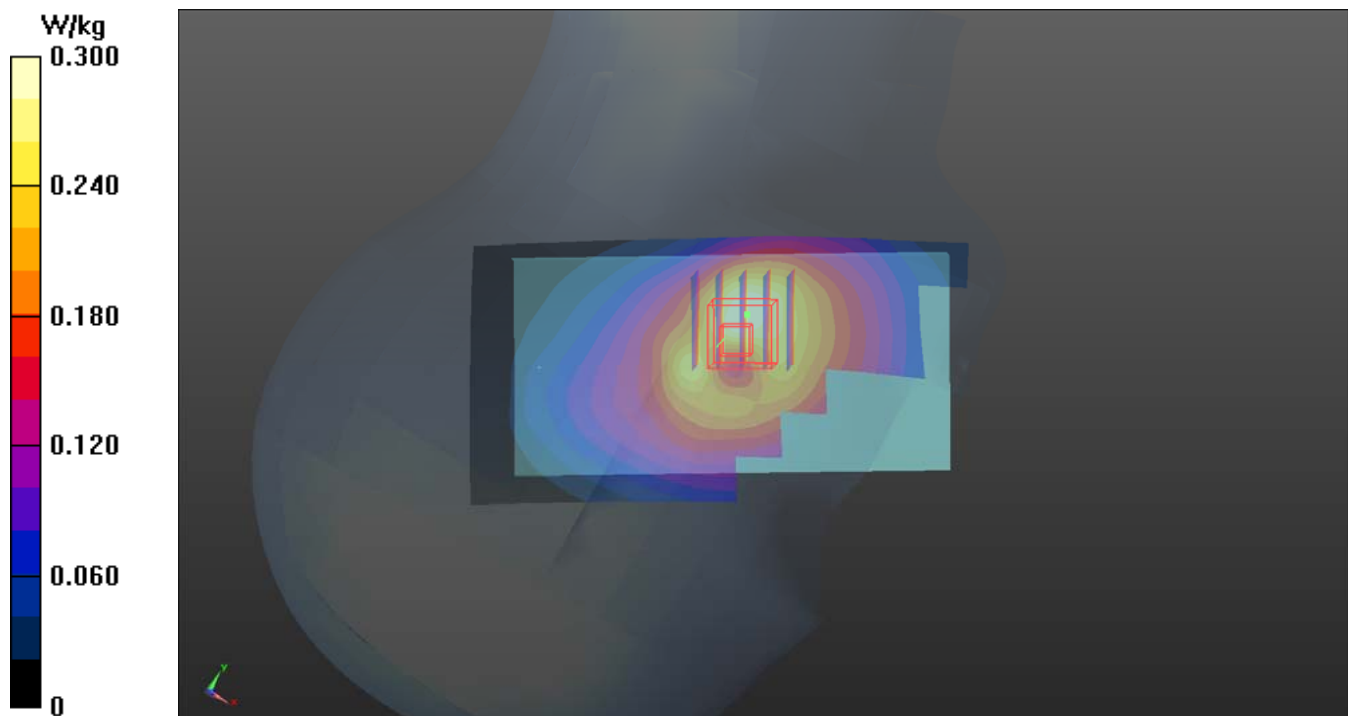
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.805 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.318 W/kg

**SAR(1 g) = 0.254 W/kg; SAR(10 g) = 0.195 W/kg**

Maximum value of SAR (measured) = 0.293 W/kg



## P02 GSM1900\_GPRS12\_Right Cheek\_Ch512\_Ant1

**DUT: 160303C04**

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

Medium: H16T20N2\_0325 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.422$  S/m;  $\epsilon_r = 38.614$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.93, 7.93, 7.93); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2015/07/22
- Phantom: Twin SAM Phantom\_1654; 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) = 0.656 W/kg

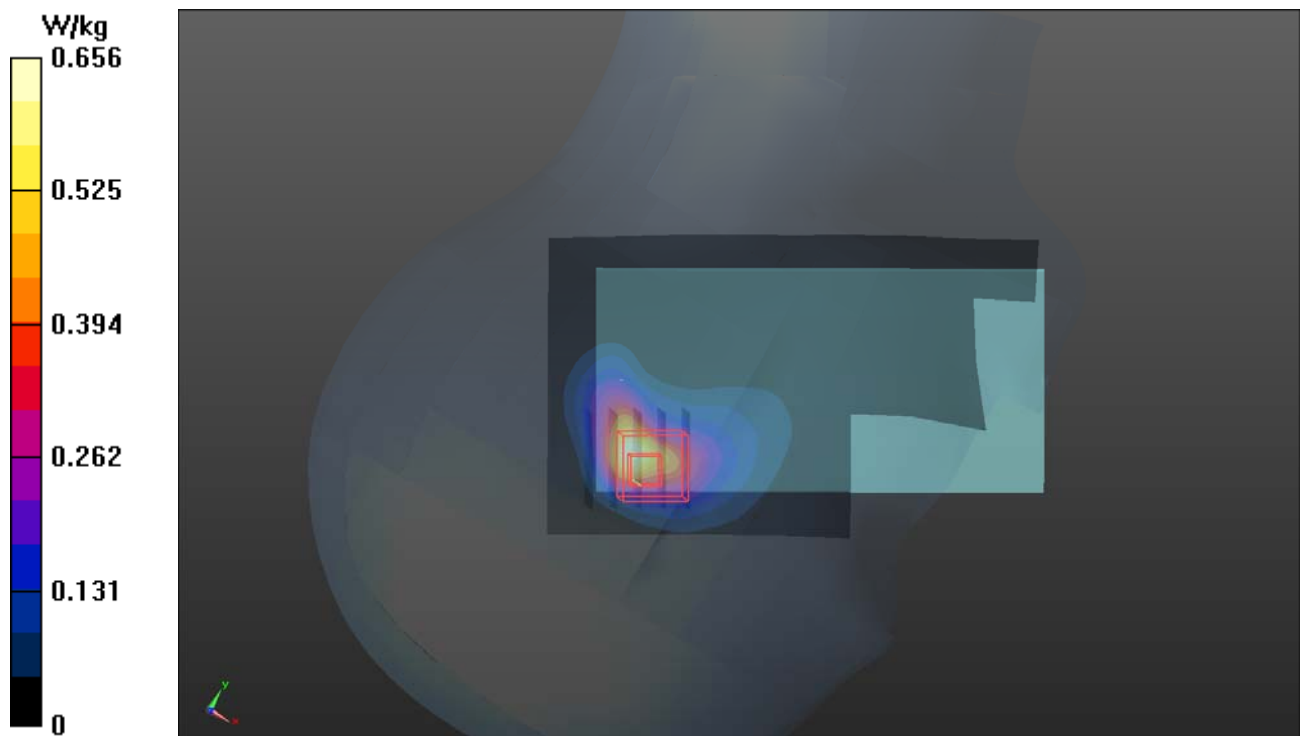
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.66 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.667 W/kg

**SAR(1 g) = 0.309 W/kg; SAR(10 g) = 0.160 W/kg**

Maximum value of SAR (measured) = 0.492 W/kg



### P03 WCDMA II\_RMC12.2K\_Right Cheek\_Ch9538\_Ant1

**DUT: 160303C04**

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

Medium: H16T20N1\_0401 Medium parameters used:  $f = 1908 \text{ MHz}$ ;  $\sigma = 1.462 \text{ S/m}$ ;  $\epsilon_r = 38.332$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.93, 7.93, 7.93); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2015/07/22
- Phantom: Twin SAM Phantom\_1485; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $1.23 \text{ W/kg}$

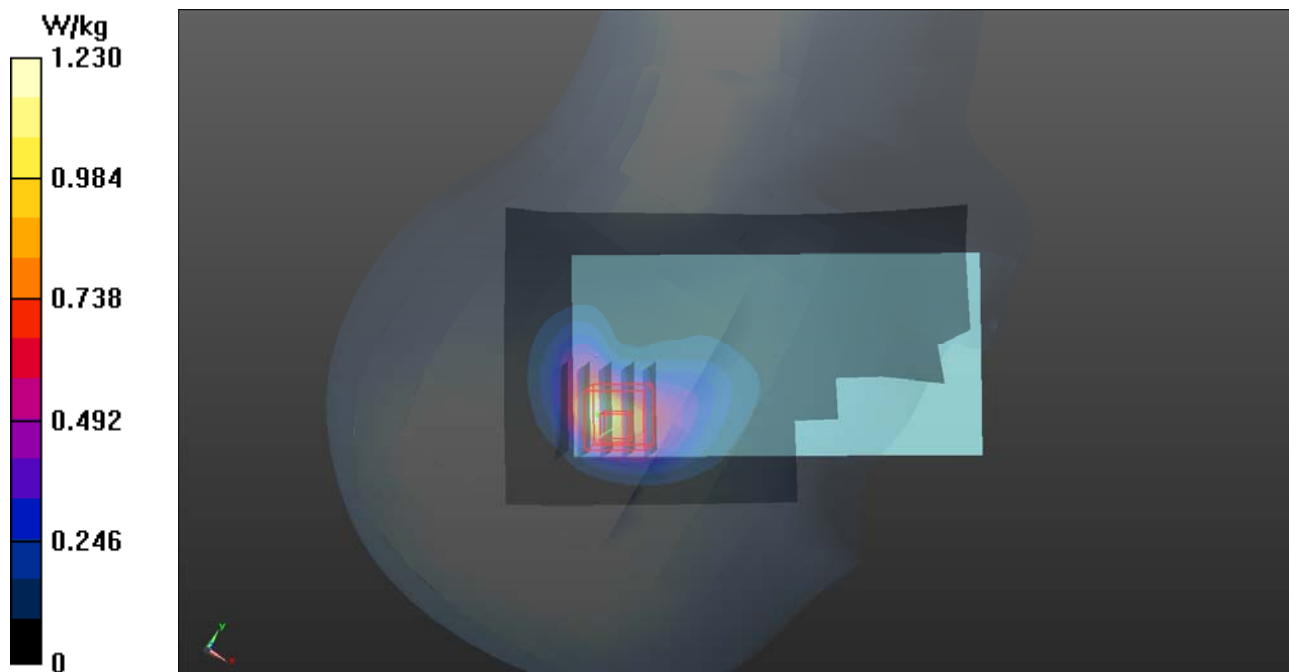
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $11.30 \text{ V/m}$ ; Power Drift =  $0.01 \text{ dB}$

Peak SAR (extrapolated) =  $1.33 \text{ W/kg}$

**SAR(1 g) =  $0.628 \text{ W/kg}$ ; SAR(10 g) =  $0.329 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.990 \text{ W/kg}$



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

**DUT: 160303C04**

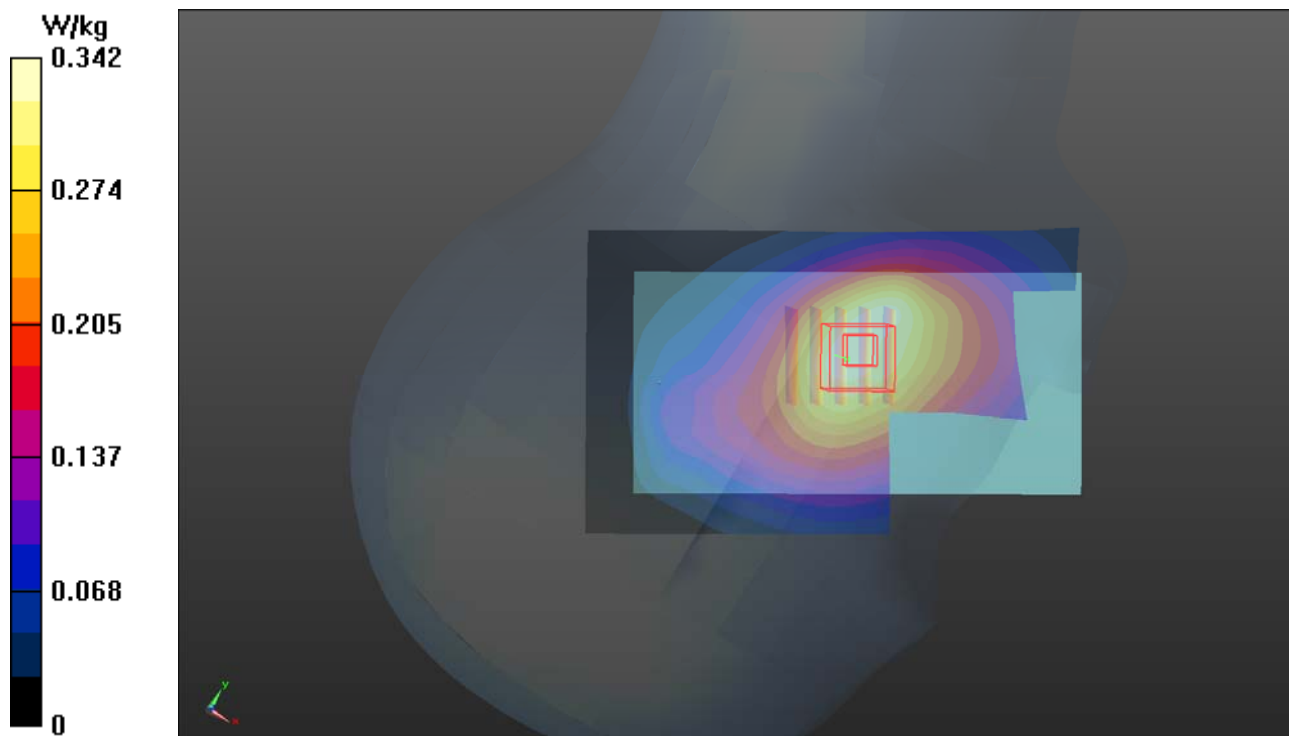
Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: H07T10N3\_0325 Medium parameters used:  $f = 836.4 \text{ MHz}$ ;  $\sigma = 0.931 \text{ S/m}$ ;  $\epsilon_r = 42.538$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature :  $23.7 \text{ }^\circ\text{C}$  ; Liquid Temperature :  $23.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.45, 9.45, 9.45); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2015/07/22
- Phantom: Twin SAM Phantom\_1485; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) =  $0.342 \text{ W/kg}$

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $9.104 \text{ V/m}$ ; Power Drift =  $0.04 \text{ dB}$   
Peak SAR (extrapolated) =  $0.377 \text{ W/kg}$   
**SAR(1 g) =  $0.297 \text{ W/kg}$ ; SAR(10 g) =  $0.229 \text{ W/kg}$**   
Maximum value of SAR (measured) =  $0.343 \text{ W/kg}$



### P05 LTE 5\_QPSK10M\_Right Cheek\_Ch20450\_Ant0\_1RB\_OS24

**DUT: 160303C04**

Communication System: LTE; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: H07T10N3\_0409 Medium parameters used:  $f = 829 \text{ MHz}$ ;  $\sigma = 0.896 \text{ S/m}$ ;  $\epsilon_r = 42.172$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.9 °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 Sn861; Calibrated: 2015/04/28
- Phantom: Twin SAM Phantom\_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.189 W/kg

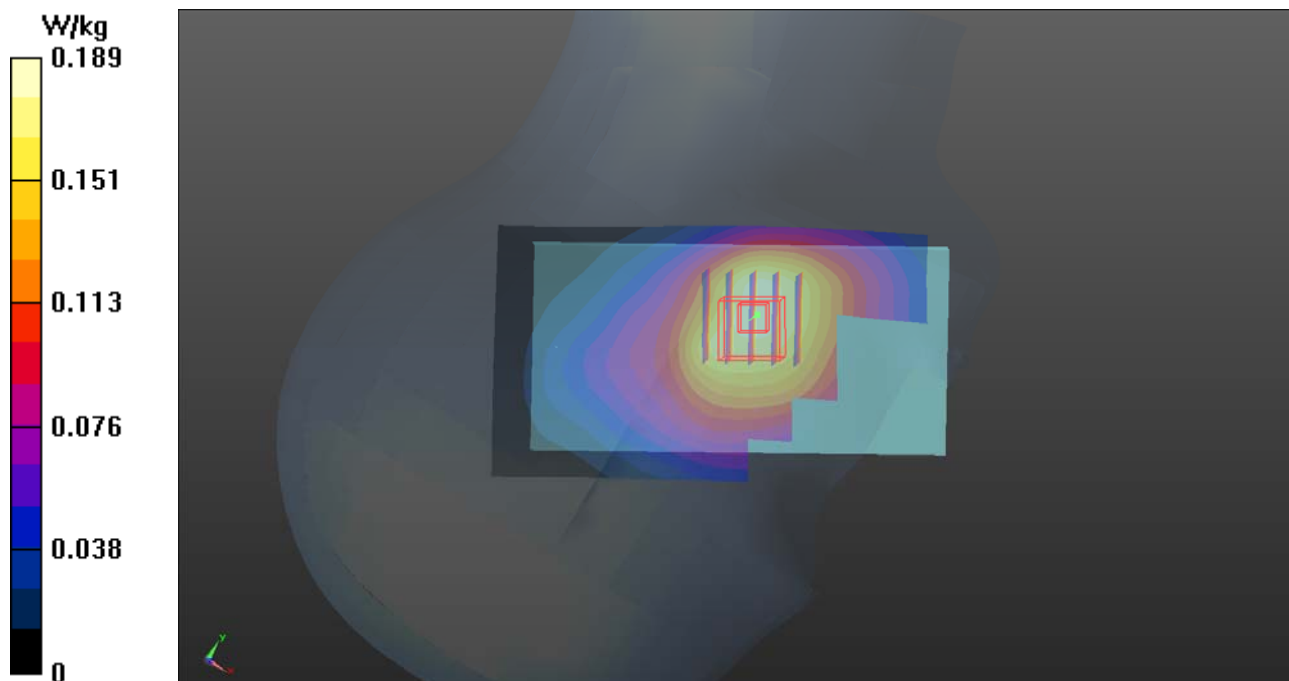
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 6.526 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.203 W/kg

**SAR(1 g) = 0.158 W/kg; SAR(10 g) = 0.123 W/kg**

Maximum value of SAR (measured) = 0.188 W/kg



### P06 LTE 7\_QPSK20M\_Right Cheek\_Ch20850\_Ant1\_1RB\_OS0

**DUT: 160303C04**

Communication System: LTE; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: H19T27N3\_0330 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.927$  S/m;  $\epsilon_r = 37.57$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.9 °C ; Liquid Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(6.99, 6.99, 6.99); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2015/07/22
- 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) = 0.867 W/kg

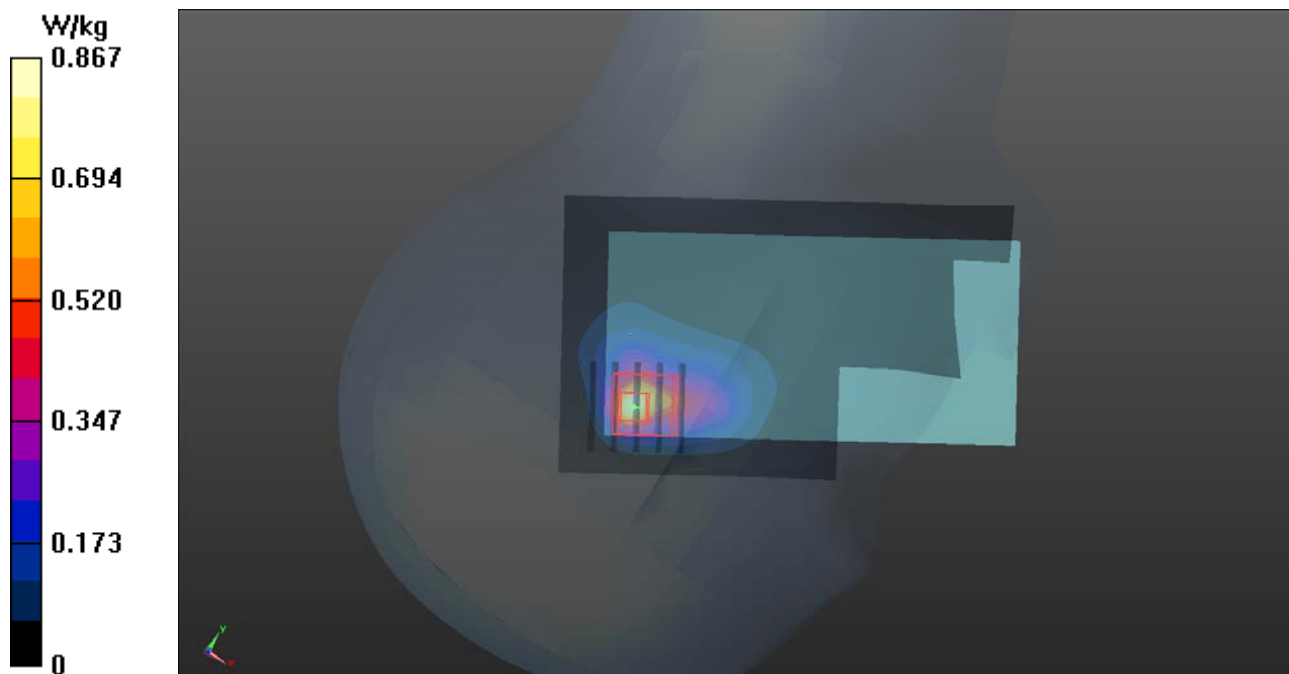
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.349 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.817 W/kg

**SAR(1 g) = 0.372 W/kg; SAR(10 g) = 0.171 W/kg**

Maximum value of SAR (measured) = 0.635 W/kg



## P07 LTE 13\_QPSK10M\_Right Cheek\_Ch23230\_Ant1\_1RB\_OS0

**DUT: 160303C04**

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

Medium: H07T10N3\_0409 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.871 \text{ S/m}$ ;  $\epsilon_r = 42.035$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(10.24, 10.24, 10.24); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2015/04/28
- Phantom: Twin SAM Phantom\_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.0833 \text{ W/kg}$

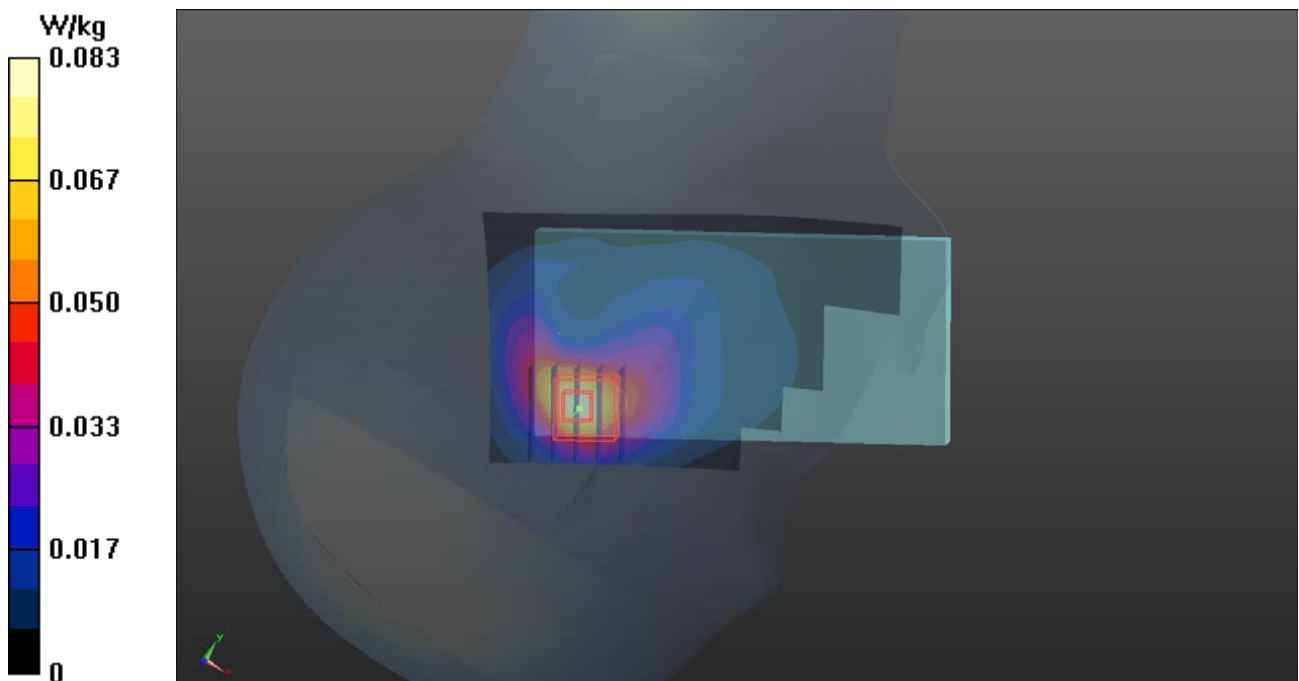
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $5.084 \text{ V/m}$ ; Power Drift =  $-0.10 \text{ dB}$

Peak SAR (extrapolated) =  $0.0930 \text{ W/kg}$

**SAR(1 g) =  $0.055 \text{ W/kg}$ ; SAR(10 g) =  $0.033 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.0776 \text{ W/kg}$





### P08 LTE 17\_QPSK10M\_Right Cheek\_Ch23790\_Ant0\_1RB\_OS0

**DUT: 160303C04**

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: H06T09N1\_0409 Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.857 \text{ S/m}$ ;  $\epsilon_r = 43.431$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(10.24, 10.24, 10.24); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2015/04/28
- Phantom: Twin SAM Phantom\_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.138 W/kg

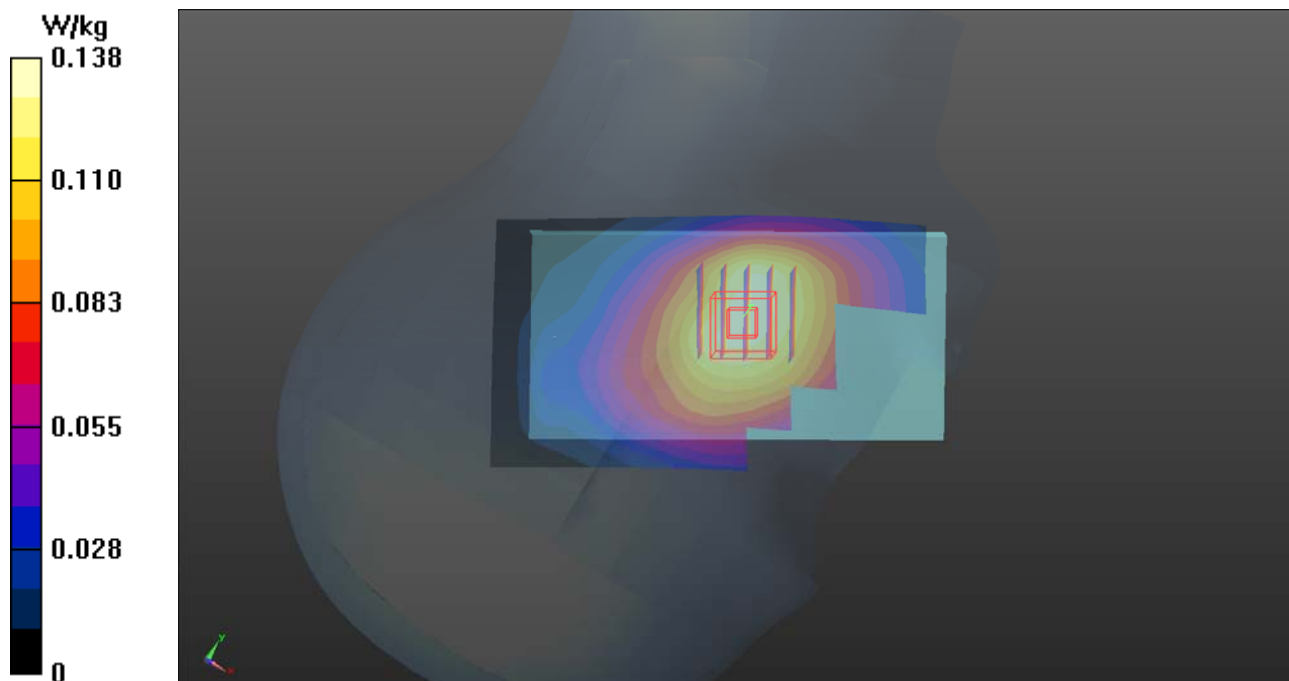
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 5.703 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.145 W/kg

**SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.094 W/kg**

Maximum value of SAR (measured) = 0.136 W/kg



## P09 LTE 26\_QPSK15M\_Right Cheek\_Ch26965\_Ant0\_1RB\_OS37

**DUT: 160303C04**

Communication System: LTE; Frequency: 841.5 MHz; Duty Cycle: 1:1

Medium: H07T10N3\_0409 Medium parameters used:  $f = 841.5$  MHz;  $\sigma = 0.907$  S/m;  $\epsilon_r = 42.021$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature :  $23.9$  °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 Sn861; Calibrated: 2015/04/28
- Phantom: Twin SAM Phantom\_1823; Type: QD000P40CD;
- 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) =  $0.265$  W/kg

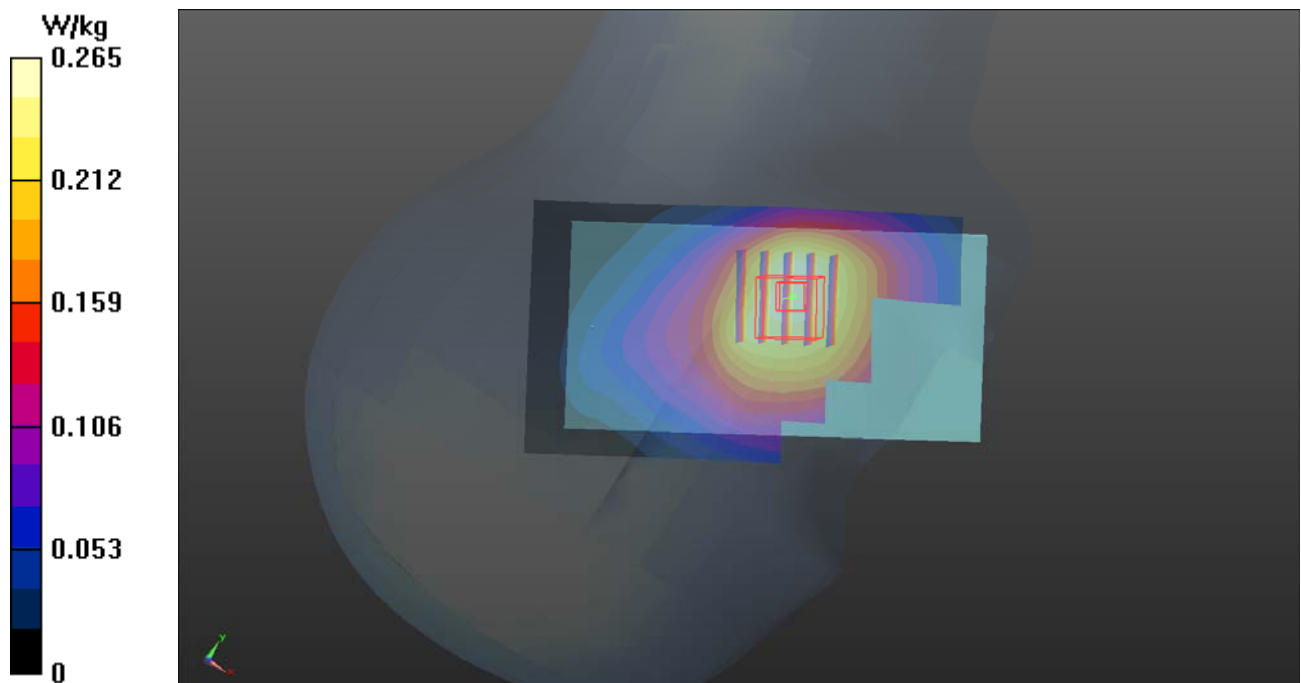
- **Zoom Scan (5x5x7)/Cube 0**: Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value =  $7.087$  V/m; Power Drift =  $0.11$  dB

Peak SAR (extrapolated) =  $0.296$  W/kg

**SAR(1 g) =  $0.234$  W/kg; SAR(10 g) =  $0.182$  W/kg**

Maximum value of SAR (measured) =  $0.274$  W/kg



## P10 LTE 41\_QPSK20M\_Right Cheek\_Ch40185\_Ant1\_1RB\_OS0

**DUT: 160303C04**

Communication System: LTE TDD CF0; Frequency: 2549.5 MHz; Duty Cycle: 1:1.58

Medium: H19T27N1\_0412 Medium parameters used:  $f = 2550$  MHz;  $\sigma = 1.982$  S/m;  $\epsilon_r = 38.935$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(6.99, 6.99, 6.99); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2015/07/22
- 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) = 0.498 W/kg

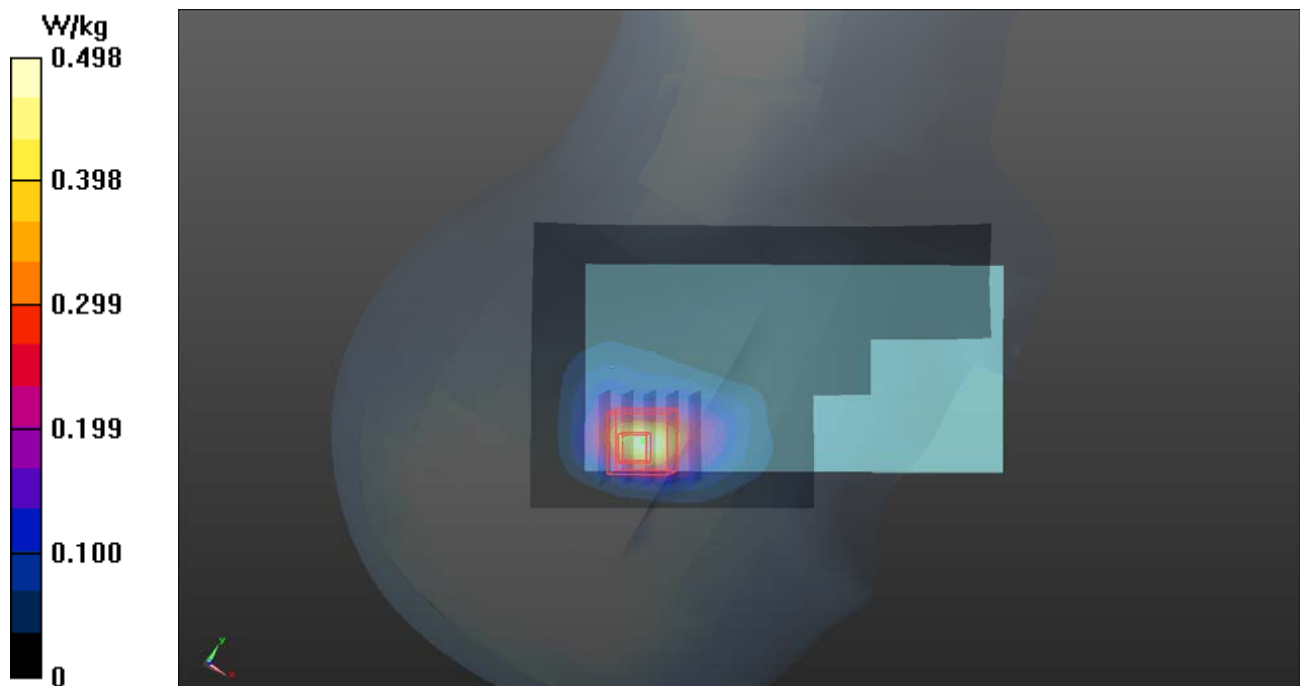
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.061 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.732 W/kg

**SAR(1 g) = 0.316 W/kg; SAR(10 g) = 0.142 W/kg**

Maximum value of SAR (measured) = 0.485 W/kg



## P11 2.4GWLAN\_802.11b\_Left Cheek\_Ch11\_Ant0

**DUT: 160303C04**

Communication System: WLAN\_2.4G; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: H19T27N3\_0330 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.876$  S/m;  $\epsilon_r = 37.767$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.13, 7.13, 7.13); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2015/07/22
- 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) = 0.972 W/kg

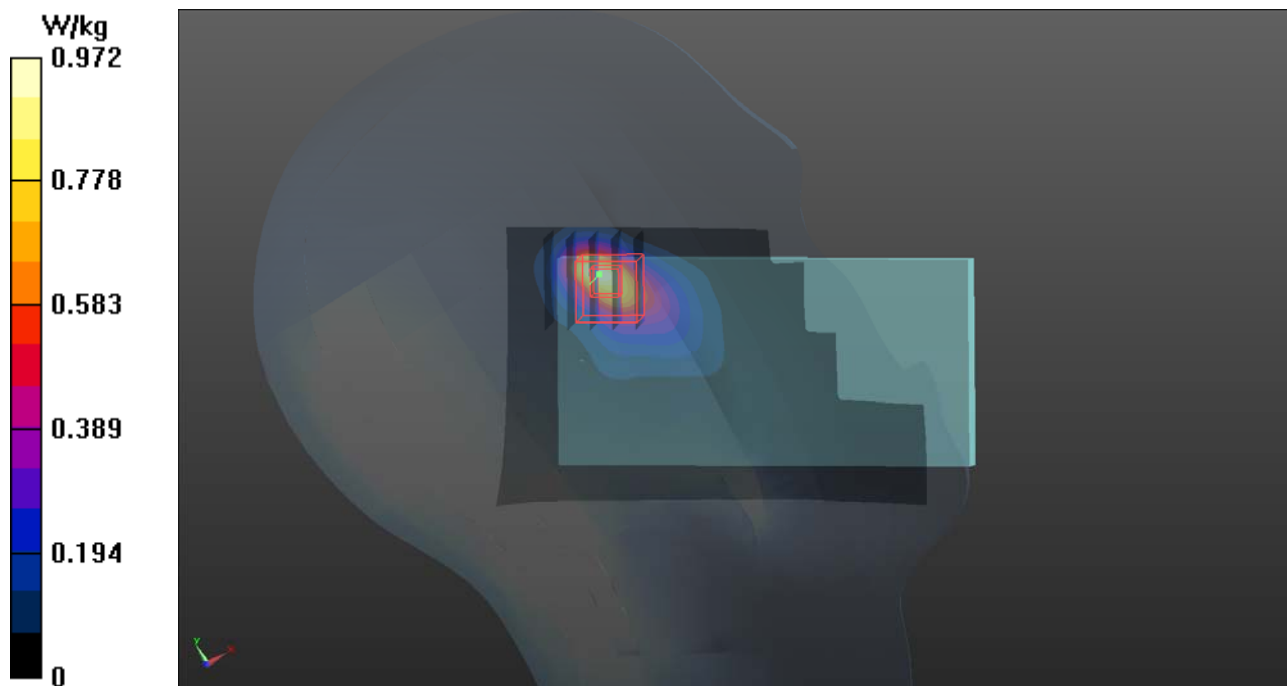
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.720 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.31 W/kg

**SAR(1 g) = 0.544 W/kg; SAR(10 g) = 0.237 W/kg**

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



## P12 5.3G WLAN\_802.11ac VH80\_Left Cheek\_Ch58\_Ant0

**DUT: 160303C04**

Communication System: WLAN\_5G; Frequency: 5290 MHz; Duty Cycle: 1:1

Medium: H34T60N1\_0408 Medium parameters used:  $f = 5290$  MHz;  $\sigma = 4.829$  S/m;  $\epsilon_r = 34.814$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(5.28, 5.28, 5.28); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2015/04/28
- Phantom: Twin SAM Phantom\_1652; 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) = 1.05 W/kg

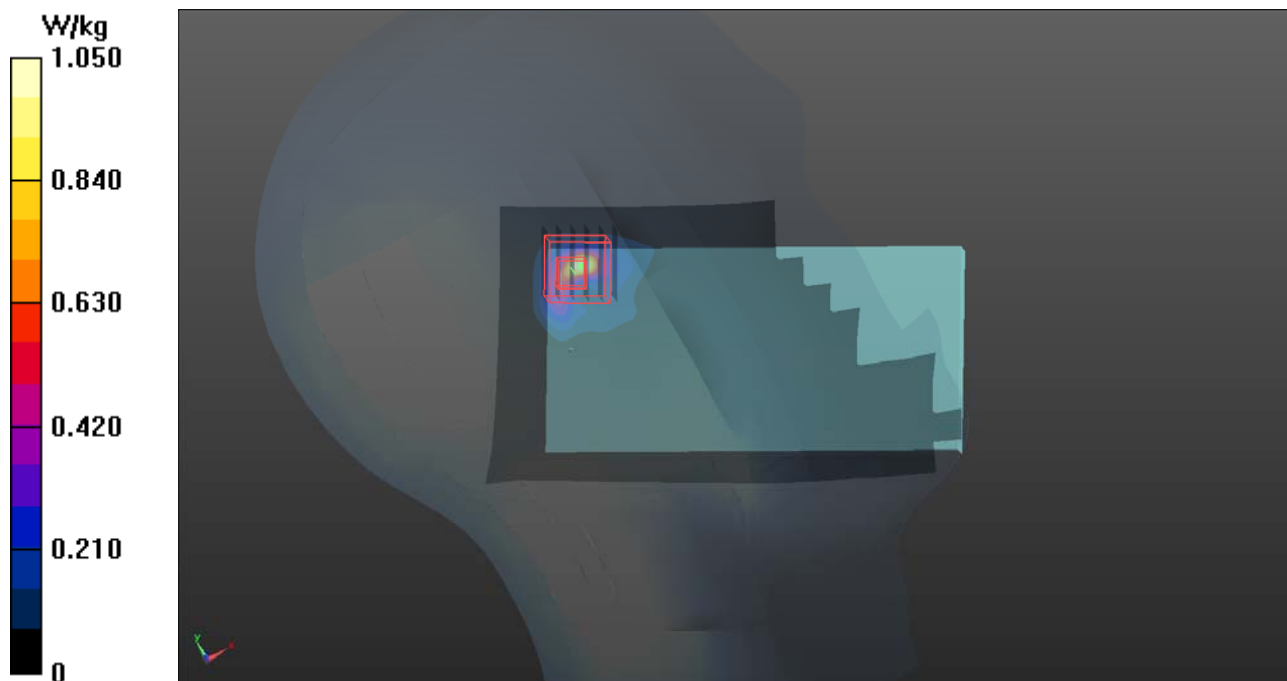
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 2.469 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 3.06 W/kg

**SAR(1 g) = 0.526 W/kg; SAR(10 g) = 0.130 W/kg**

Maximum value of SAR (measured) = 1.72 W/kg



### P13 5.6G WLAN\_802.11ac VH80\_Left Cheek\_Ch106\_Ant0

**DUT: 160303C04**

Communication System: WLAN\_5G; Frequency: 5530 MHz; Duty Cycle: 1:1

Medium: H34T60N1\_0408 Medium parameters used:  $f = 5530$  MHz;  $\sigma = 5.052$  S/m;  $\epsilon_r = 34.46$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(4.77, 4.77, 4.77); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2015/04/28
- Phantom: Twin SAM Phantom\_1652; 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) = 1.22 W/kg

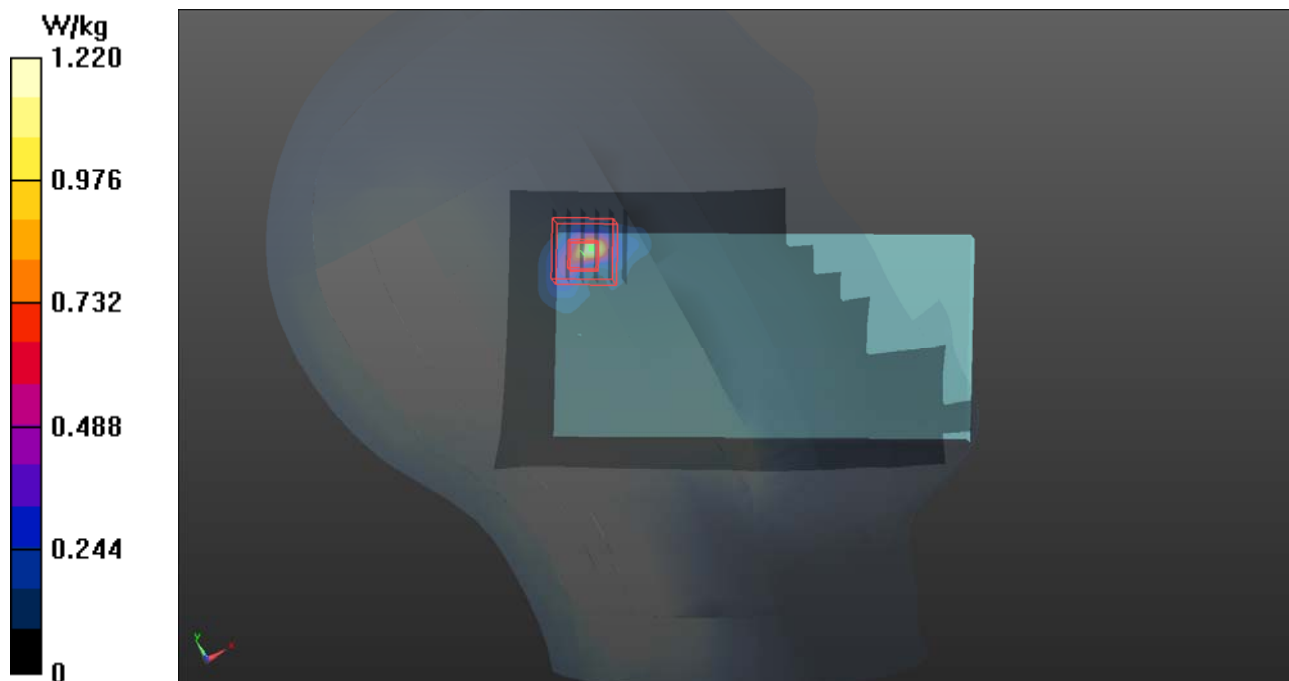
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 2.534 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 3.11 W/kg

**SAR(1 g) = 0.535 W/kg; SAR(10 g) = 0.125 W/kg**

Maximum value of SAR (measured) = 1.82 W/kg



## P14 5.8G WLAN\_802.11ac VH80\_Left Cheek\_Ch155\_Ant0

**DUT: 160303C04**

Communication System: WLAN\_5G; Frequency: 5775 MHz; Duty Cycle: 1:1

Medium: H34T60N1\_0409 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.29$  S/m;  $\epsilon_r = 34.109$ ;  $\rho = 1000$  kg/m<sup>3</sup>

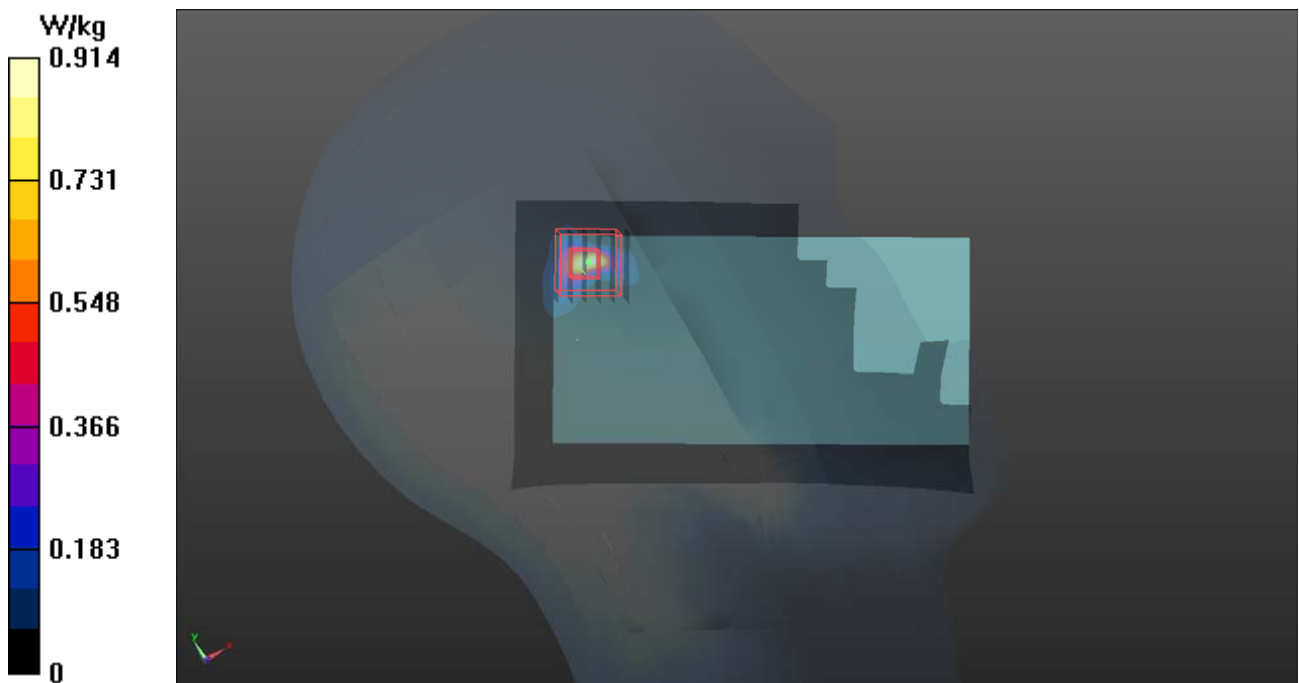
Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(4.91, 4.91, 4.91); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2015/04/28
- Phantom: Twin SAM Phantom\_1652; 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) = 0.914 W/kg

- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm  
Reference Value = 0.3580 V/m; Power Drift = 0.11 dB  
Peak SAR (extrapolated) = 2.77 W/kg  
**SAR(1 g) = 0.384 W/kg; SAR(10 g) = 0.081 W/kg**  
Maximum value of SAR (measured) = 1.12 W/kg



### P15 GSM850\_GPRS10\_Rear Face\_1cm\_Ch251\_Ant0

**DUT: 160303C04**

Communication System: GPRS10; Frequency: 848.8 MHz; Duty Cycle: 1:4  
Medium: B07T10N3\_0410 Medium parameters used:  $f = 849$  MHz;  $\sigma = 1.012$  S/m;  $\epsilon_r = 54.219$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.5 °C

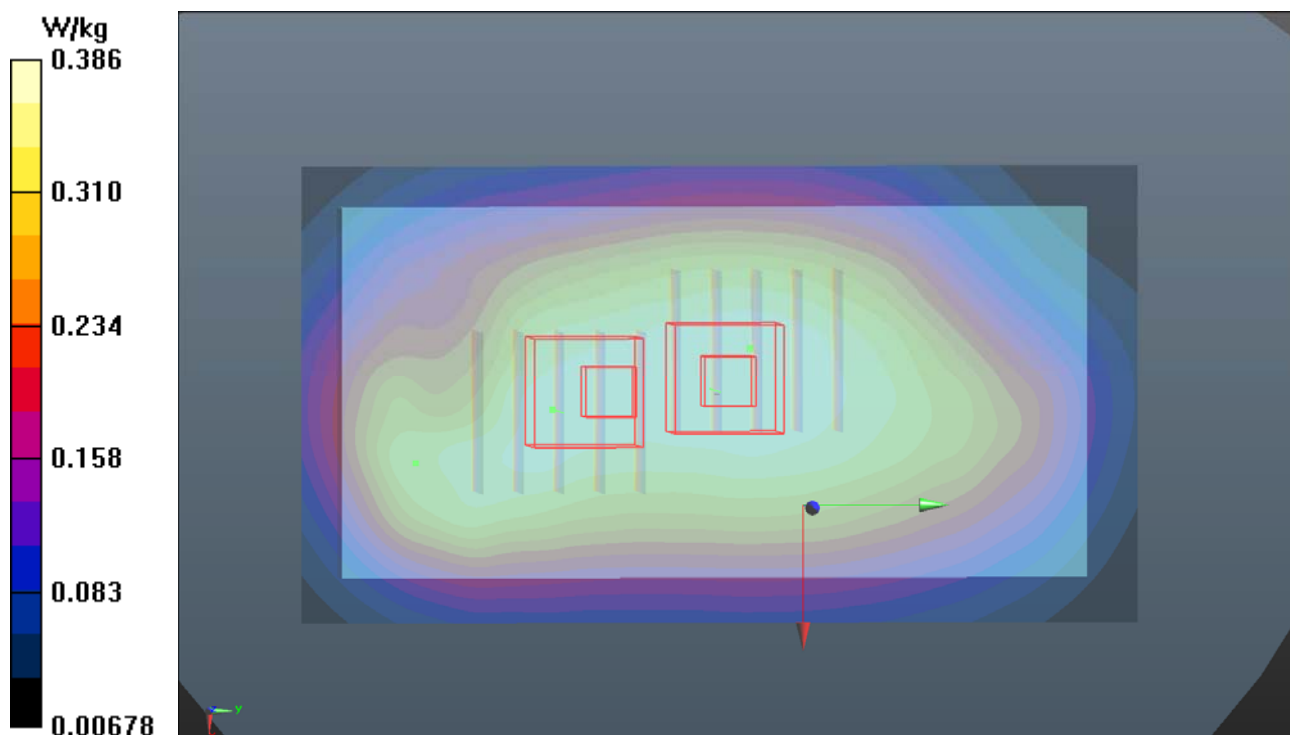
DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(9.83, 9.83, 9.83); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2015/04/28
- Phantom: Twin SAM Phantom\_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.386 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 20.53 V/m; Power Drift = -0.09 dB  
Peak SAR (extrapolated) = 0.488 W/kg  
**SAR(1 g) = 0.326 W/kg; SAR(10 g) = 0.247 W/kg**  
Maximum value of SAR (measured) = 0.391 W/kg

- **Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 20.53 V/m; Power Drift = -0.09 dB  
Peak SAR (extrapolated) = 0.421 W/kg  
**SAR(1 g) = 0.317 W/kg; SAR(10 g) = 0.239 W/kg**  
Maximum value of SAR (measured) = 0.381 W/kg





### P16 GSM1900\_GPRS12\_Rear Face\_1cm\_Ch512\_Ant0

**DUT: 160303C04**

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

Medium: B16T20N1\_0406 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.518$  S/m;  $\epsilon_r = 52.038$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.59, 7.59, 7.59); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2015/07/22
- Phantom: Twin SAM Phantom\_1654; 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) = 0.259 W/kg

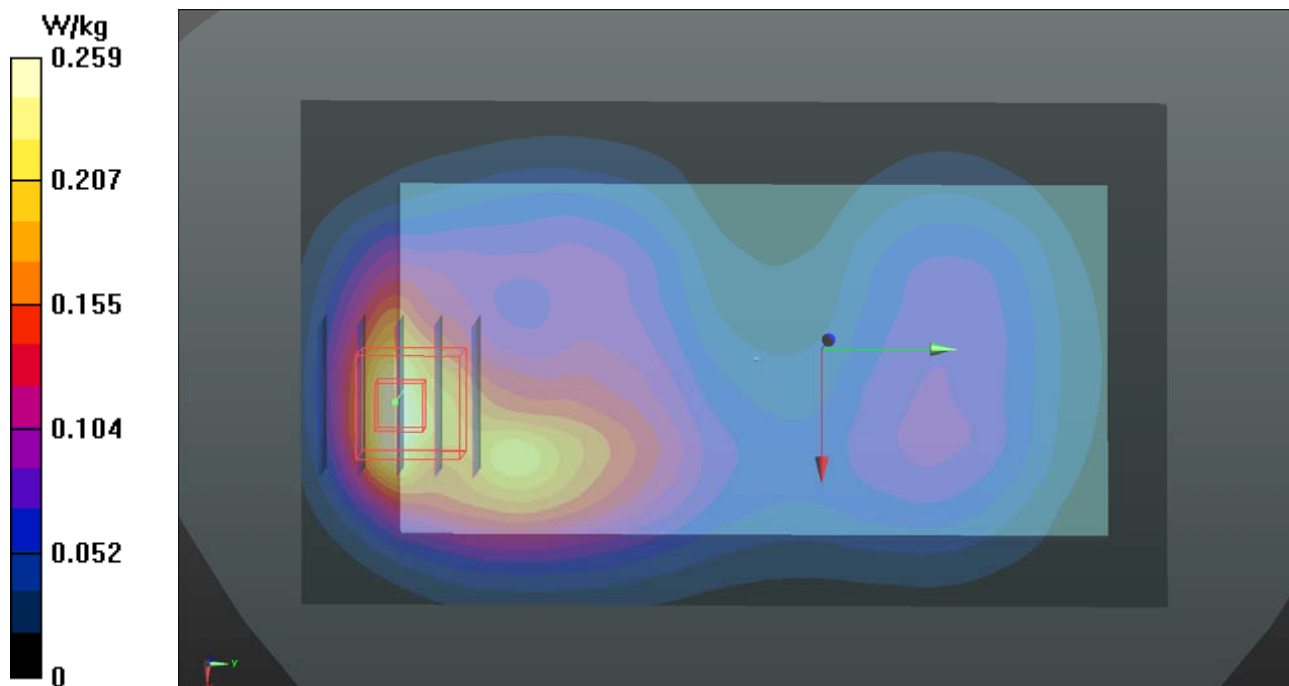
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.918 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.361 W/kg

**SAR(1 g) = 0.195 W/kg; SAR(10 g) = 0.104 W/kg**

Maximum value of SAR (measured) = 0.295 W/kg



## P220 WCDMA II\_RMC12.2K\_Rear Face\_1cm\_Ch9400\_Ant0

**DUT: 160303C04**

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

Medium: B16T20N1\_0406 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.545$  S/m;  $\epsilon_r = 51.95$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.59, 7.59, 7.59); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2015/07/22
- Phantom: Twin SAM Phantom\_1654; 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) = 0.631 W/kg

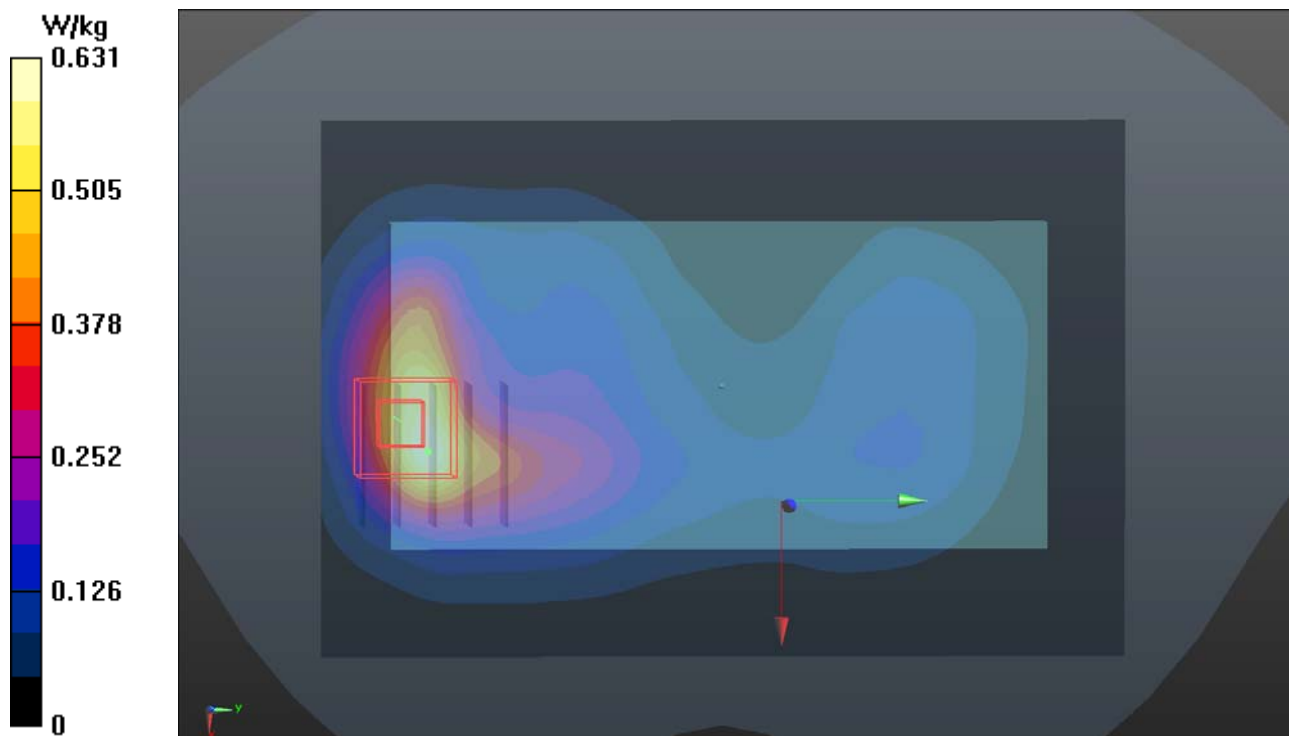
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.770 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.723 W/kg

**SAR(1 g) = 0.390 W/kg; SAR(10 g) = 0.203 W/kg**

Maximum value of SAR (measured) = 0.579 W/kg



## P18 WCDMA V\_RMC12.2K\_Rear Face\_1cm\_Ch4182\_Ant0

**DUT: 160303C04**

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

Medium: B07T10N3\_0410 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 1$  S/m;  $\epsilon_r = 54.34$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23. °C ; Liquid Temperature : 23 °C

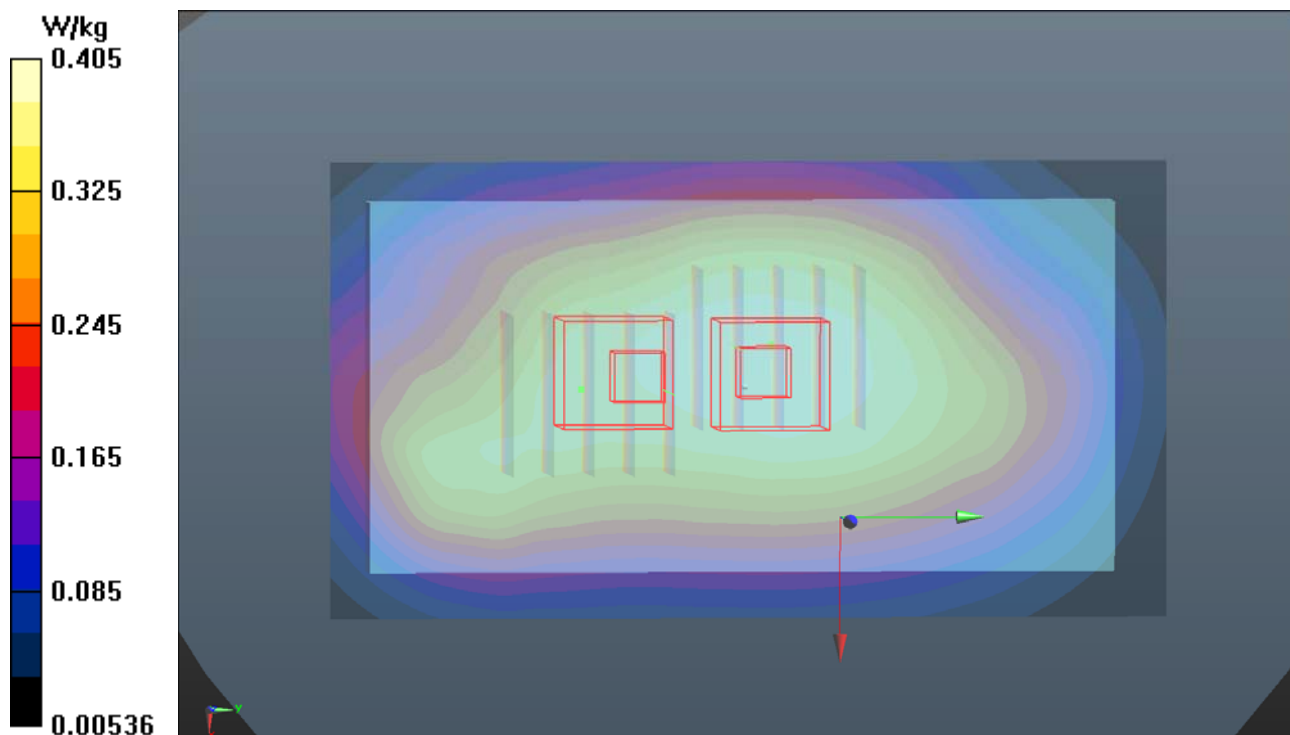
DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(9.83, 9.83, 9.83); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2015/04/28
- Phantom: Twin SAM Phantom\_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.405 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 0.3360 V/m; Power Drift = 0.15 dB  
Peak SAR (extrapolated) = 0.439 W/kg  
**SAR(1 g) = 0.330 W/kg; SAR(10 g) = 0.254 W/kg**  
Maximum value of SAR (measured) = 0.398 W/kg

- **Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 0.3360 V/m; Power Drift = 0.15 dB  
Peak SAR (extrapolated) = 0.411 W/kg  
**SAR(1 g) = 0.310 W/kg; SAR(10 g) = 0.234 W/kg**  
Maximum value of SAR (measured) = 0.378 W/kg



### P19 LTE 5\_QPSK10M\_Rear Face\_1cm\_Ch20450\_Ant0\_1RB\_OS24

**DUT: 160303C04**

Communication System: LTE; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: B07T10N3\_0410 Medium parameters used:  $f = 829 \text{ MHz}$ ;  $\sigma = 0.993 \text{ S/m}$ ;  $\epsilon_r = 54.41$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.8 \text{ }^\circ\text{C}$  ; Liquid Temperature :  $23.1 \text{ }^\circ\text{C}$

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 Sn861; Calibrated: 2015/04/28
- Phantom: Twin SAM Phantom\_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (61x111x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.215 \text{ W/kg}$

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

Reference Value =  $15.16 \text{ V/m}$ ; Power Drift =  $0.01 \text{ dB}$

Peak SAR (extrapolated) =  $0.232 \text{ W/kg}$

**SAR(1 g) =  $0.177 \text{ W/kg}$ ; SAR(10 g) =  $0.136 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.213 \text{ W/kg}$

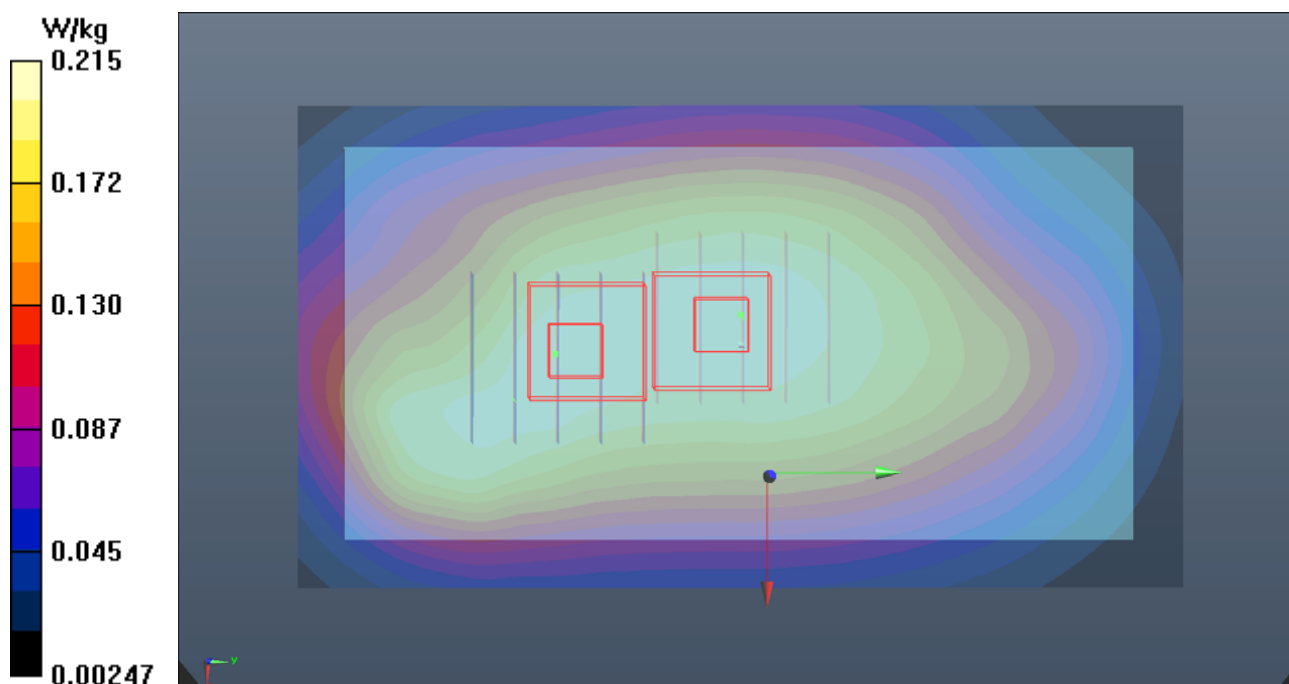
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $15.16 \text{ V/m}$ ; Power Drift =  $0.01 \text{ dB}$

Peak SAR (extrapolated) =  $0.242 \text{ W/kg}$

**SAR(1 g) =  $0.175 \text{ W/kg}$ ; SAR(10 g) =  $0.134 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.217 \text{ W/kg}$



## P20 LTE 7\_QPSK20M\_Front Face\_1cm\_Ch20850\_Ant0\_1RB\_OS0

**DUT: 160303C04**

Communication System: LTE; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: B19T27N3\_0324 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 2.108$  S/m;  $\epsilon_r = 52.325$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.9 °C ; Liquid Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(6.9, 6.9, 6.9); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2015/07/22
- Phantom: Twin SAM Phantom\_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (81x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.746 W/kg

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

Reference Value = 6.723 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.912 W/kg

**SAR(1 g) = 0.425 W/kg; SAR(10 g) = 0.196 W/kg**

Maximum value of SAR (measured) = 0.731 W/kg

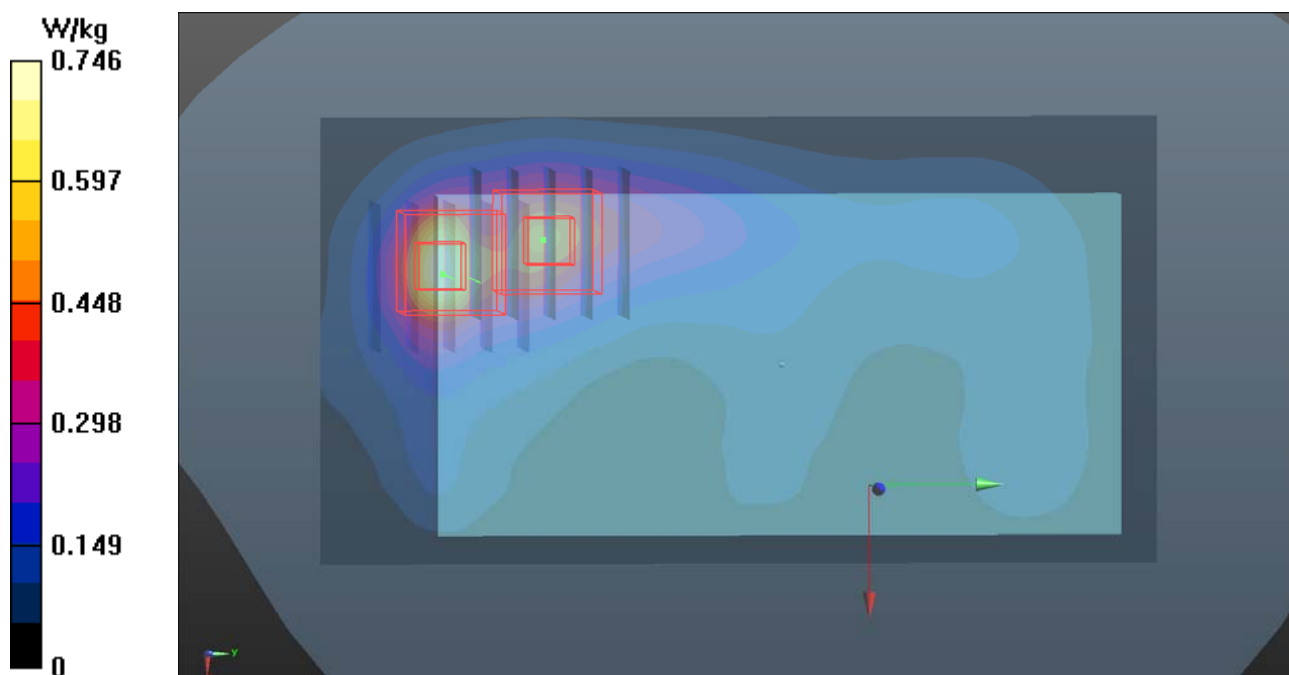
- **Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.723 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.671 W/kg

**SAR(1 g) = 0.333 W/kg; SAR(10 g) = 0.178 W/kg**

Maximum value of SAR (measured) = 0.528 W/kg



## P21 LTE 13\_QPSK10M\_Rear Face\_1cm\_Ch23230\_Ant0\_1RB\_OS0

**DUT: 160303C04**

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

Medium: B06T09N1\_0410 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.995 \text{ S/m}$ ;  $\epsilon_r = 55.451$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(9.94, 9.94, 9.94); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2015/04/28
- Phantom: Twin SAM Phantom\_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (61x111x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.398 W/kg

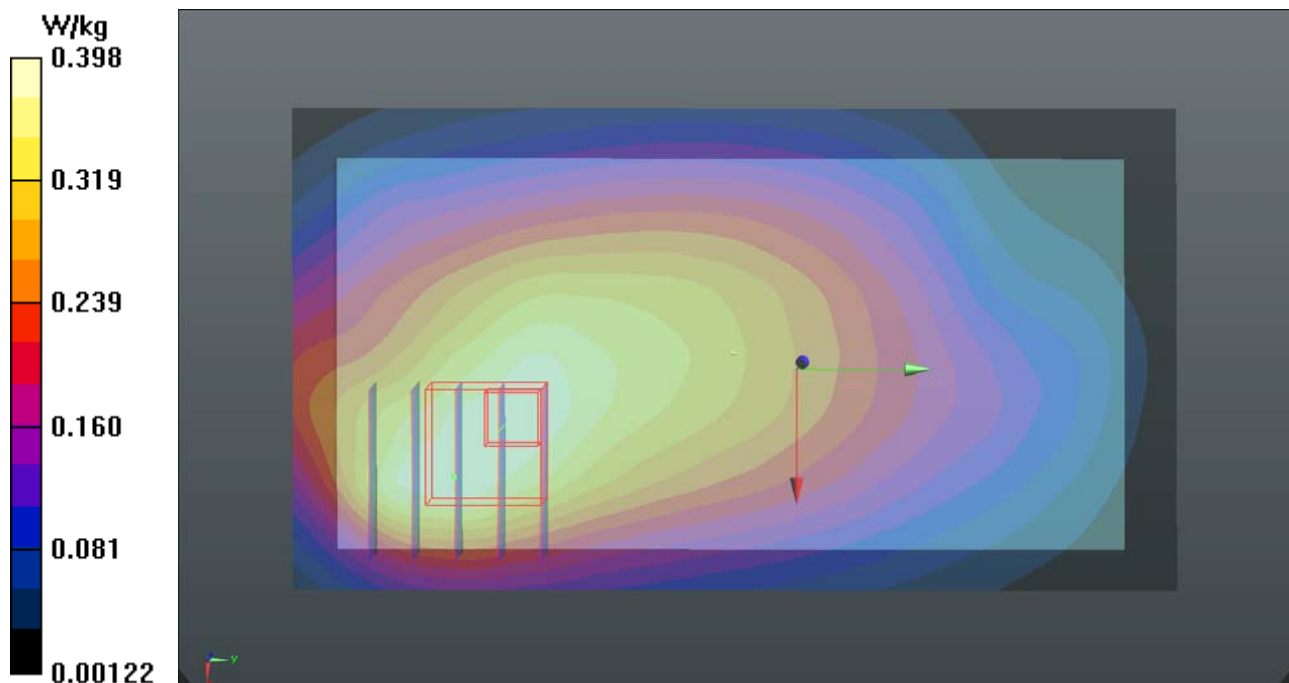
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 18.02 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.460 W/kg

**SAR(1 g) = 0.316 W/kg; SAR(10 g) = 0.204 W/kg**

Maximum value of SAR (measured) = 0.403 W/kg



## P22 LTE 17\_QPSK10M\_Rear Face\_1cm\_Ch23790\_Ant0\_1RB\_OS0

**DUT: 160303C04**

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: B06T09N1\_0410 Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.929 \text{ S/m}$ ;  $\epsilon_r = 56.135$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(9.94, 9.94, 9.94); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2015/04/28
- Phantom: Twin SAM Phantom\_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (61x111x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.305 W/kg

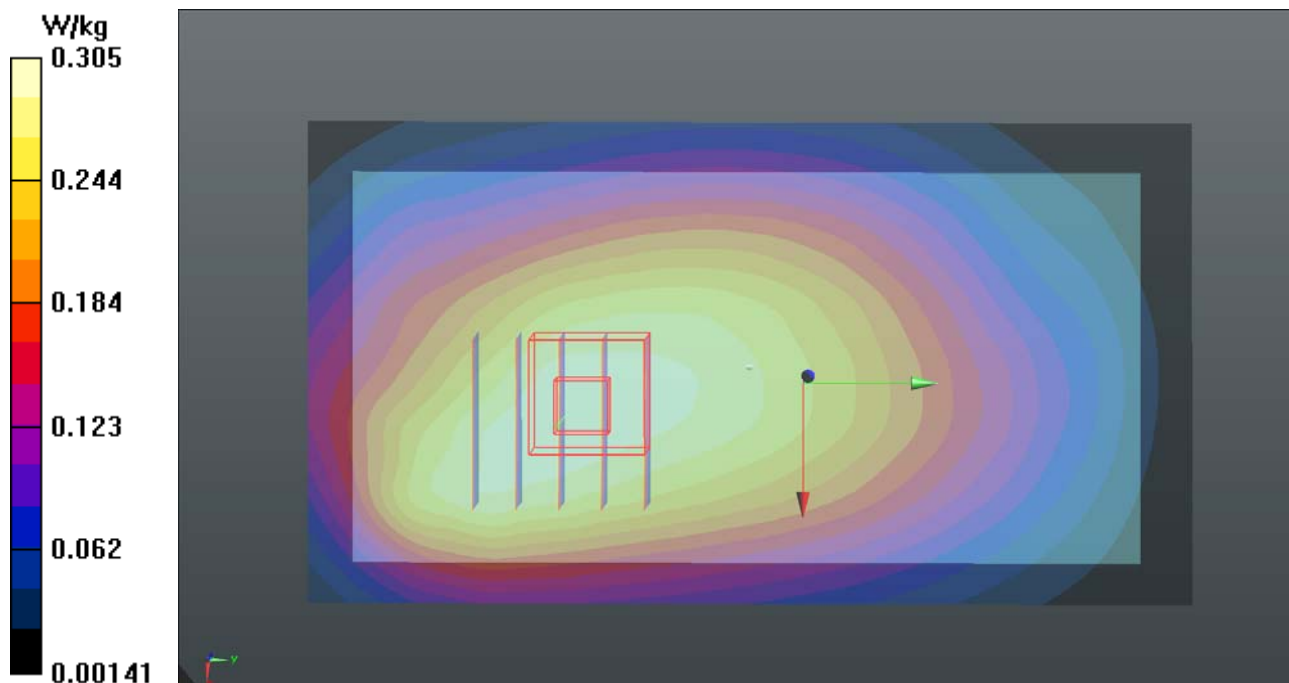
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 17.68 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.339 W/kg

**SAR(1 g) = 0.250 W/kg; SAR(10 g) = 0.191 W/kg**

Maximum value of SAR (measured) = 0.304 W/kg



### P23 LTE 26\_QPSK15M\_Rear Face\_1cm\_Ch26965\_Ant0\_1RB\_OS37

**DUT: 160303C04**

Communication System: LTE; Frequency: 841.5 MHz; Duty Cycle: 1:1

Medium: B07T10N3\_0410 Medium parameters used:  $f = 841.5$  MHz;  $\sigma = 1.005$  S/m;  $\epsilon_r = 54.29$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.1 °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 Sn861; Calibrated: 2015/04/28
- Phantom: Twin SAM Phantom\_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.315 W/kg

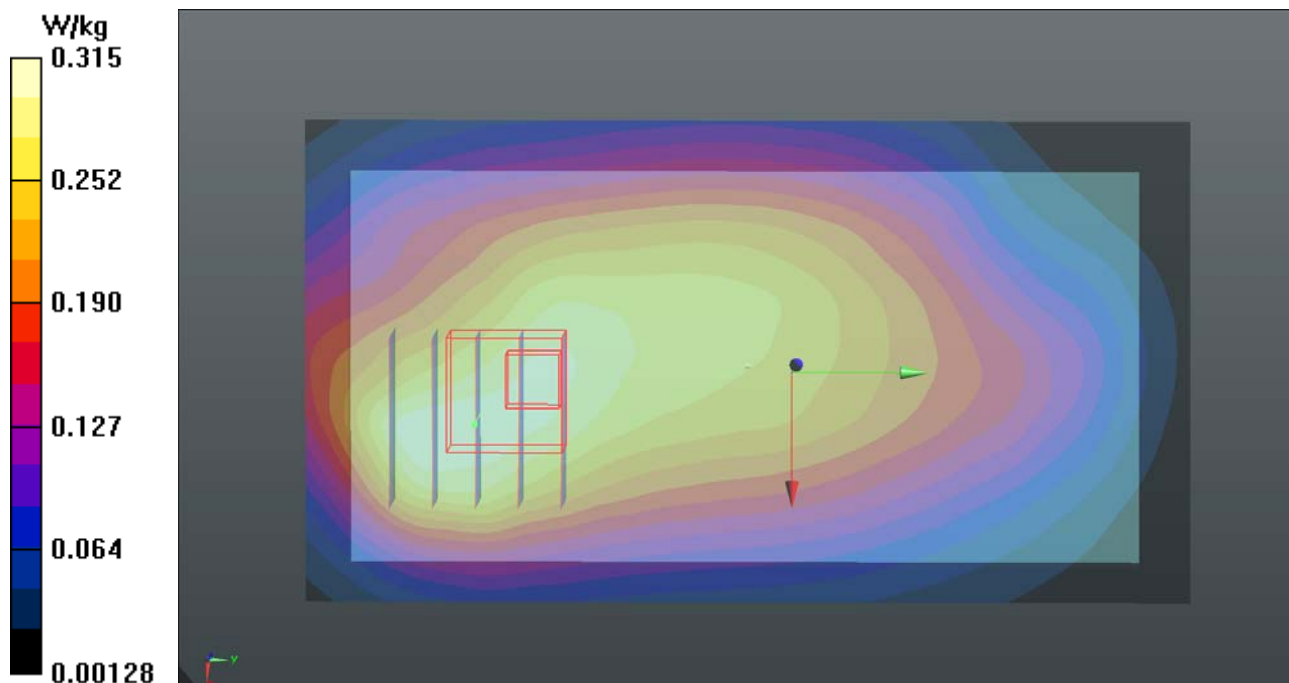
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.63 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.360 W/kg

**SAR(1 g) = 0.246 W/kg; SAR(10 g) = 0.166 W/kg**

Maximum value of SAR (measured) = 0.312 W/kg





### P24 LTE 41\_QPSK20M\_Front Face\_1cm\_Ch40185\_Ant0\_1RB\_OS0

**DUT: 160303C04**

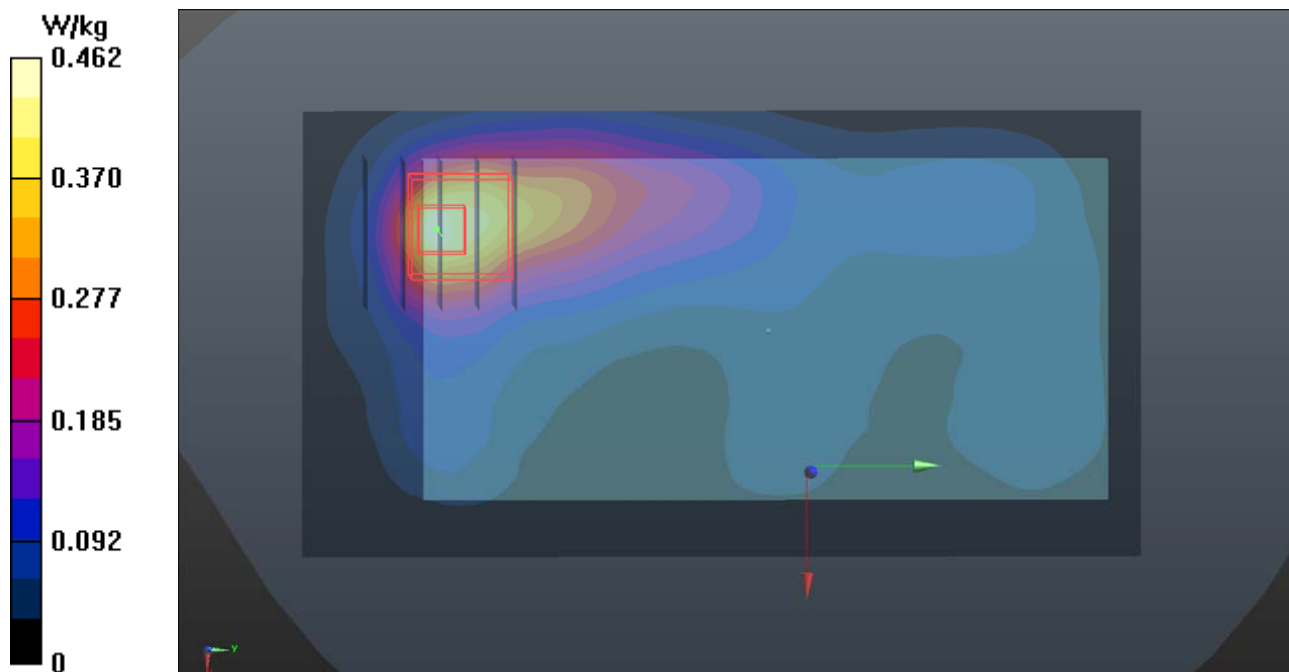
Communication System: LTE TDD CF0; Frequency: 2549.5 MHz; Duty Cycle: 1:1.58  
Medium: B19T27N1\_0412 Medium parameters used:  $f = 2550$  MHz;  $\sigma = 2.12$  S/m;  $\epsilon_r = 51.246$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(6.9, 6.9, 6.9); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2015/07/22
- Phantom: Twin SAM Phantom\_1485; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (81x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.462 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 4.457 V/m; Power Drift = 0.05 dB  
Peak SAR (extrapolated) = 0.653 W/kg  
**SAR(1 g) = 0.296 W/kg; SAR(10 g) = 0.140 W/kg**  
Maximum value of SAR (measured) = 0.512 W/kg



## P25 2.4G WLAN\_802.11b\_Front Face\_1cm\_Ch11\_Ant0

**DUT: 160303C04**

Communication System: WLAN\_2.4G; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: B19T27N1\_0411 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.025$  S/m;  $\epsilon_r = 51.511$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.9 °C ; Liquid Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.03, 7.03, 7.03); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2015/07/22
- Phantom: Twin SAM Phantom\_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (91x141x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.206 W/kg

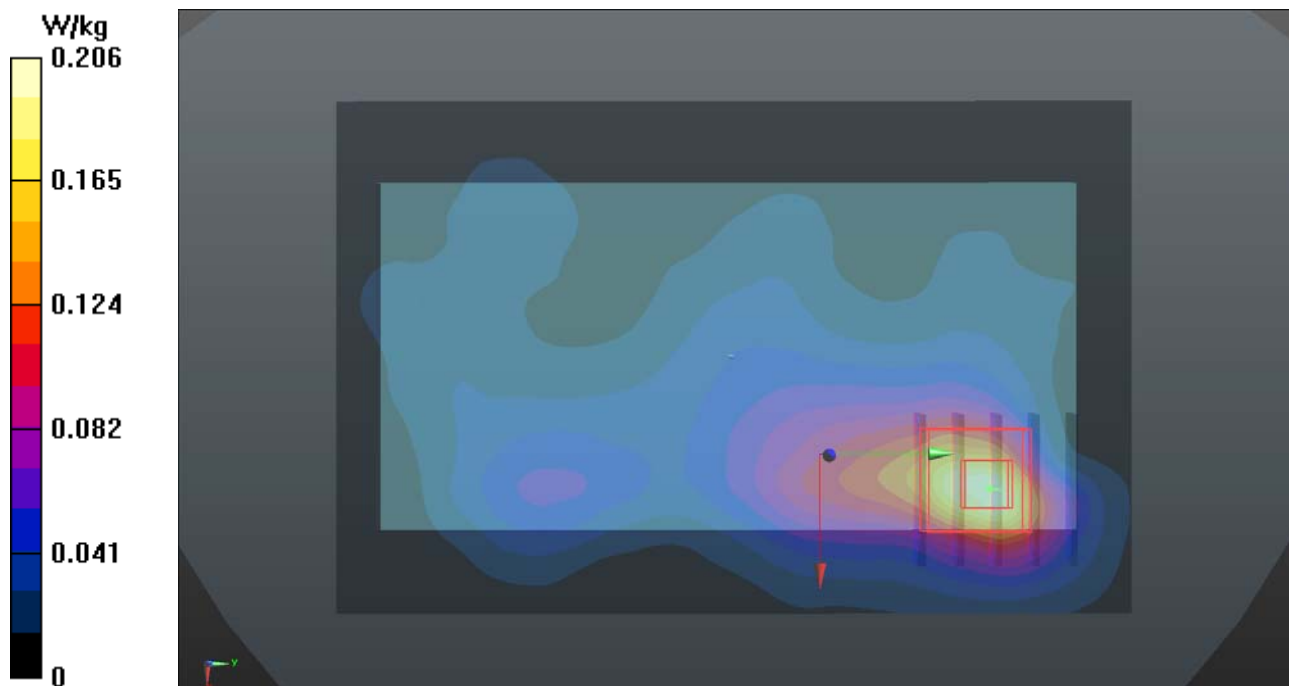
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.820 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.275 W/kg

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

Maximum value of SAR (measured) = 0.221 W/kg



### P26 5.3G WLAN\_802.11ac VH80\_Front Face\_1cm\_Ch58\_Ant1

**DUT: 160303C04**

Communication System: WLAN\_5G; Frequency: 5290 MHz; Duty Cycle: 1:1

Medium: B34T60N3\_0411 Medium parameters used:  $f = 5290$  MHz;  $\sigma = 5.449$  S/m;  $\epsilon_r = 48.274$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(4.64, 4.64, 4.64); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2015/07/22
- Phantom: Twin SAM Phantom\_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (101x171x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.106 W/kg

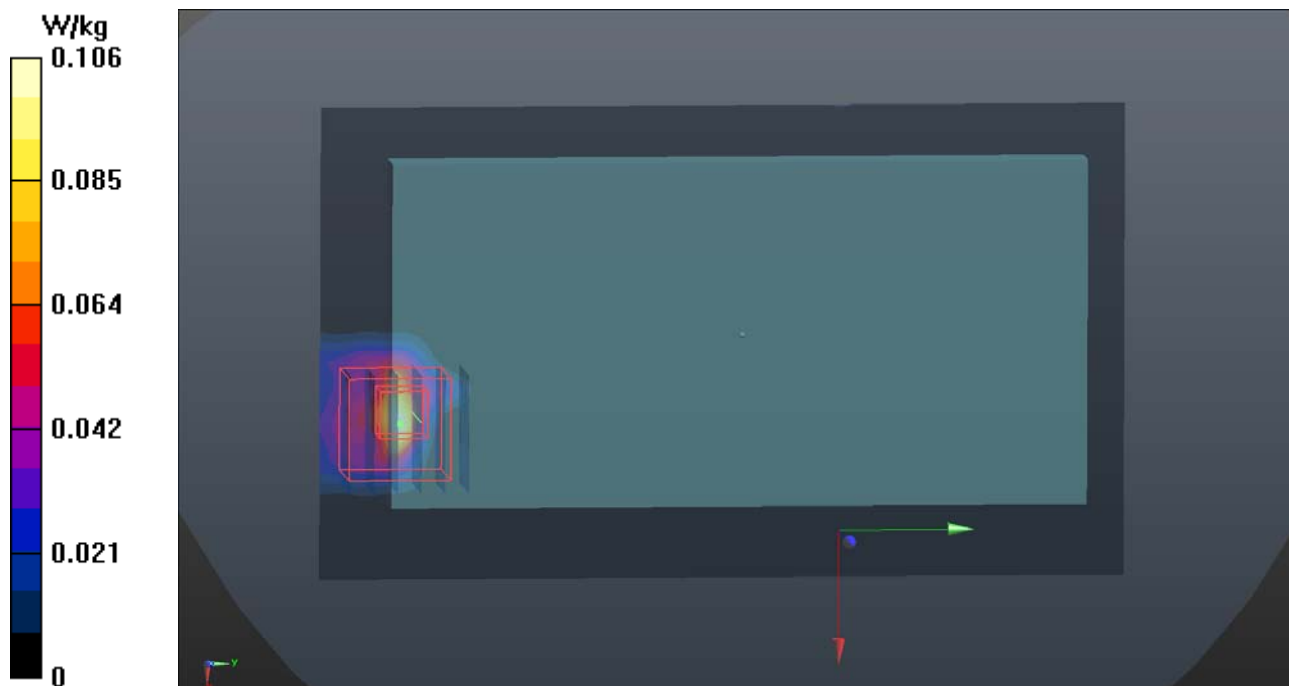
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 1.400 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.166 W/kg

**SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.00811 W/kg**

Maximum value of SAR (measured) = 0.0810 W/kg



### P27 5.6G WLAN\_802.11ac VH80\_Front Face\_1cm\_Ch106\_Ant1

**DUT: 160303C04**

Communication System: WLAN\_5G; Frequency: 5530 MHz; Duty Cycle: 1:1

Medium: B34T60N3\_0412 Medium parameters used:  $f = 5530$  MHz;  $\sigma = 5.758$  S/m;  $\epsilon_r = 47.962$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(4.05, 4.05, 4.05); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2015/07/22
- Phantom: Twin SAM Phantom\_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (101x201x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0830 W/kg

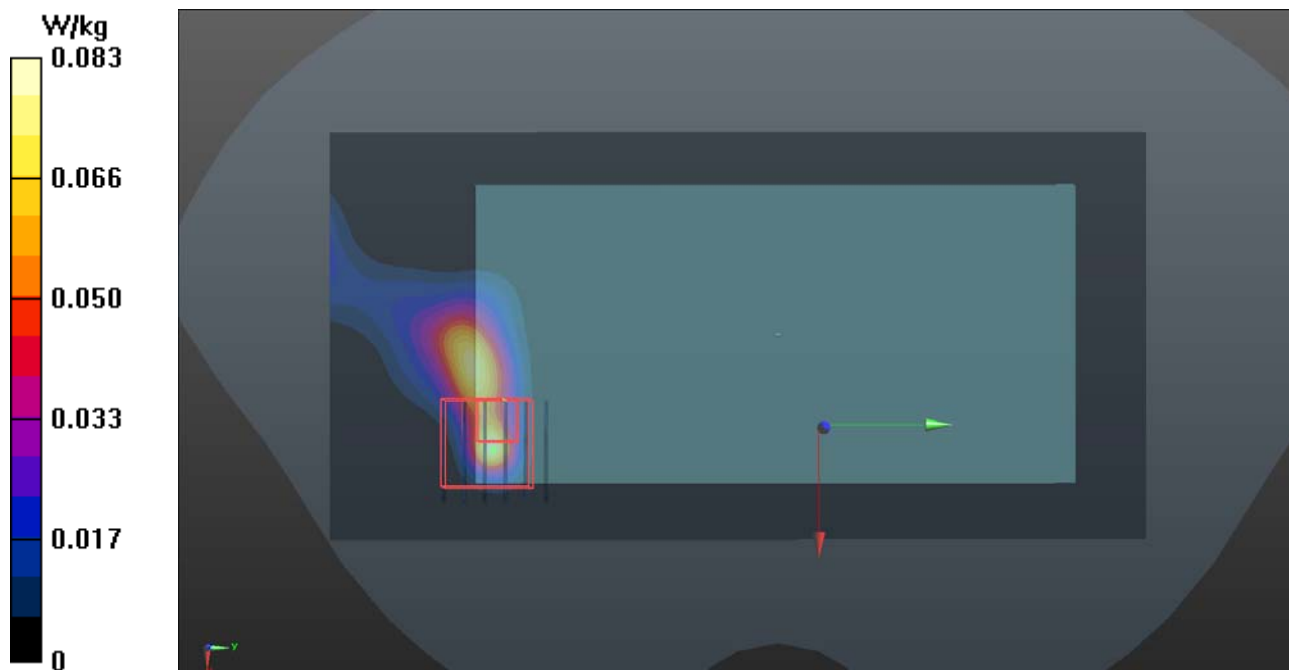
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.320 W/kg

**SAR(1 g) = 0.040 W/kg; SAR(10 g) = 0.00749 W/kg**

Maximum value of SAR (measured) = 0.162 W/kg



### P28 5.8GWLAN\_802.11ac VH80\_Front Face\_1cm\_Ch155\_Ant0

**DUT: 160303C04**

Communication System: WLAN\_5G; Frequency: 5775 MHz; Duty Cycle: 1:1

Medium: B34T60N3\_0410 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.914$  S/m;  $\epsilon_r = 47.836$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(4.2, 4.2, 4.2); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2015/04/28
- Phantom: Twin SAM Phantom\_1823; Type: QD000P40CD;
- 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) = 0.0522 W/kg

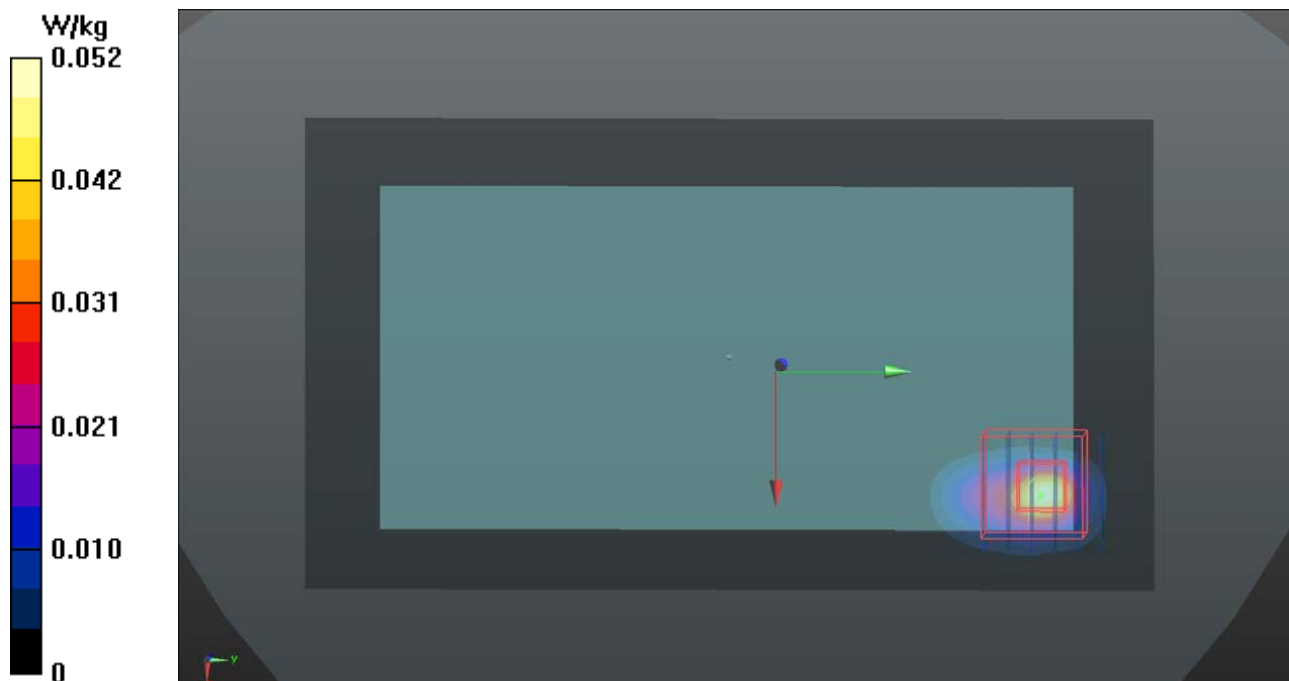
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 0.6890 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.130 W/kg

**SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.00519 W/kg**

Maximum value of SAR (measured) = 0.0807 W/kg



## P29 Bluetooth\_Front Face\_1cm\_Ch0

**DUT: 160303C04**

Communication System: BT; Frequency: 2402 MHz; Duty Cycle: 1:3.07

Medium: B19T27N1\_0411 Medium parameters used:  $f = 2402$  MHz;  $\sigma = 1.956$  S/m;  $\epsilon_r = 51.698$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.9 °C ; Liquid Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.03, 7.03, 7.03); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2015/07/22
- Phantom: Twin SAM Phantom\_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (101x191x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.00575 W/kg

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

Reference Value = 0.6390 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.00584 W/kg

**SAR(1 g) = 0.000623 W/kg; SAR(10 g) = 0.000236 W/kg**

Maximum value of SAR (measured) = 0.00407 W/kg

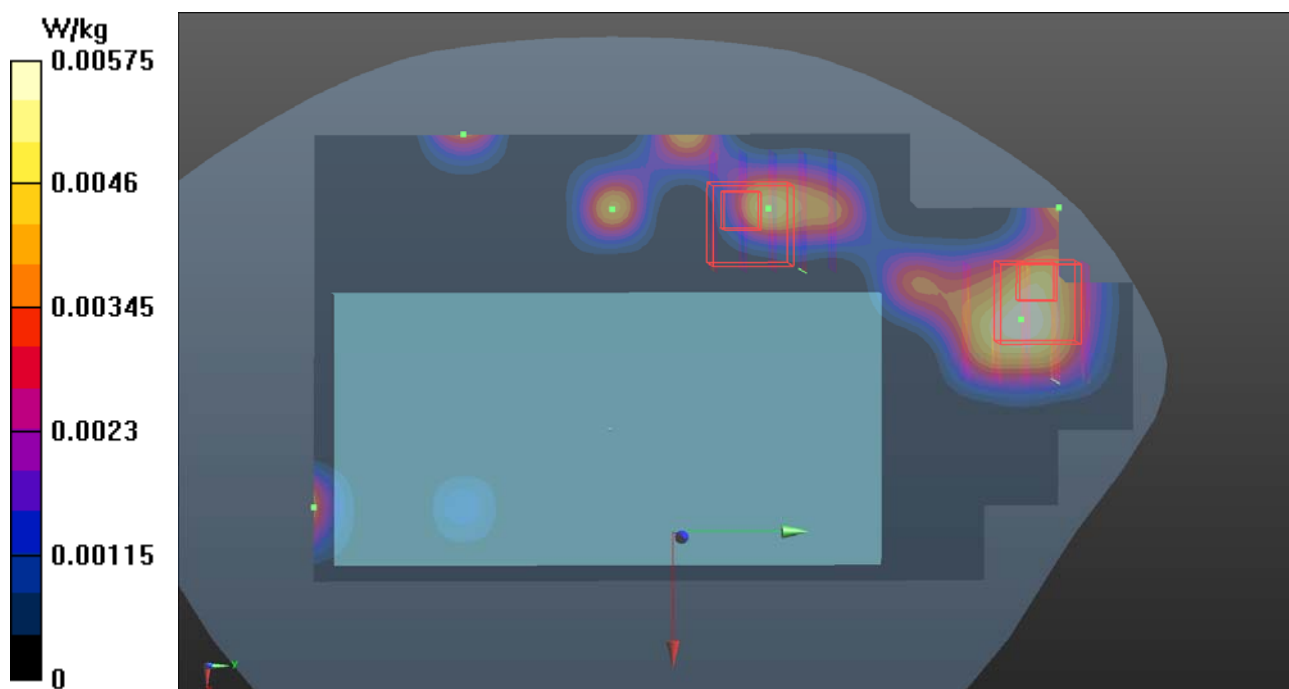
- **Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.6390 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.00532 W/kg

**SAR(1 g) = 0.000234 W/kg; SAR(10 g) = 4.7e-005 W/kg**

Maximum value of SAR (measured) = 0.00371 W/kg



### P30 GSM1900\_GPRS12\_Bottom Side\_1cm\_Ch512\_Ant0

**DUT: 160303C04**

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

Medium: B16T20N1\_0406 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.518$  S/m;  $\epsilon_r = 52.038$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.59, 7.59, 7.59); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2015/07/22
- Phantom: Twin SAM Phantom\_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (41x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

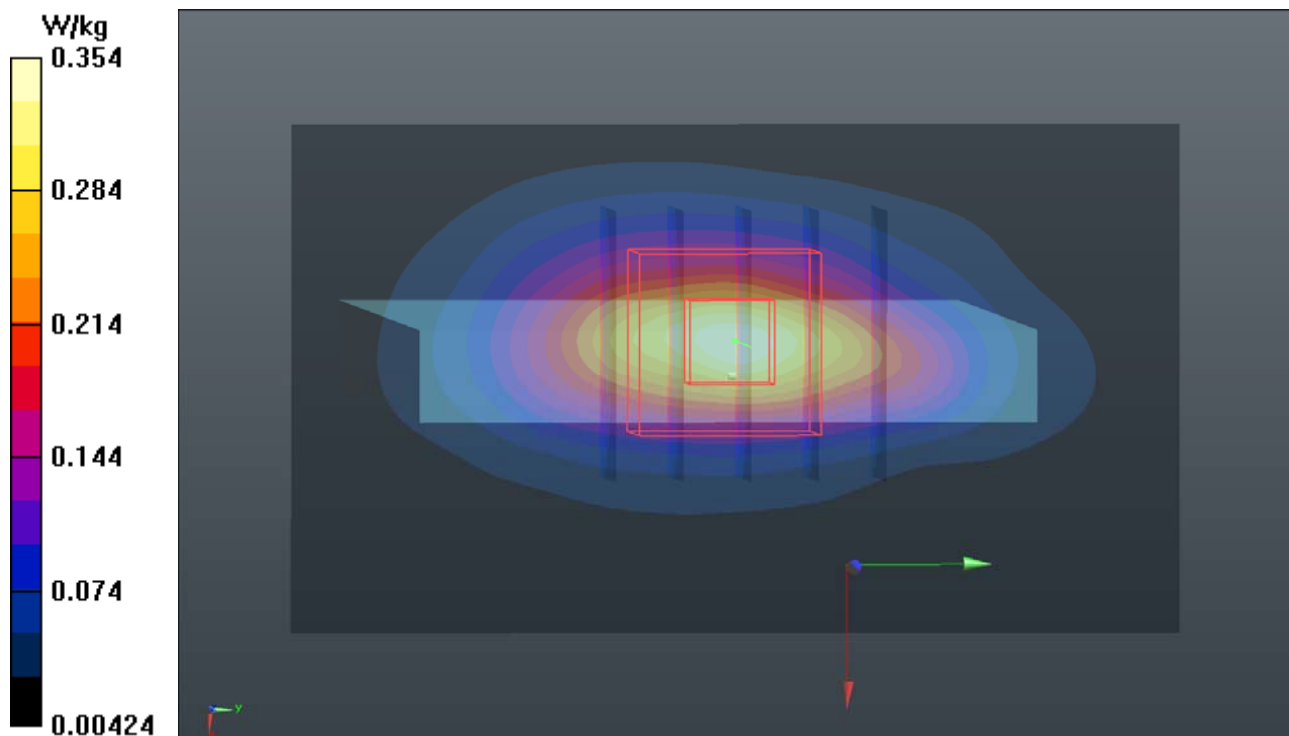
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.79 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.359 W/kg

**SAR(1 g) = 0.209 W/kg; SAR(10 g) = 0.113 W/kg**

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



### P31 WCDMA II\_RMC12.2K\_Bottom Side\_1cm\_Ch9400\_Ant0

**DUT: 160303C04**

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

Medium: B16T20N1\_0406 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.545$  S/m;  $\epsilon_r = 51.95$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.59, 7.59, 7.59); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2015/07/22
- Phantom: Twin SAM Phantom\_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (41x71x1)**: Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.791 W/kg

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

Reference Value = 19.74 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.786 W/kg

**SAR(1 g) = 0.463 W/kg; SAR(10 g) = 0.253 W/kg**

Maximum value of SAR (measured) = 0.677 W/kg

