

## P01 GSM850\_GPRS12\_Right Cheek\_Ch189\_Sample 1\_ANT-1

### DUT: 130408C20

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

Medium: H835\_0429 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.89$  S/m;  $\epsilon_r = 42.88$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(9.8, 9.8, 9.8); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM Phantom\_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**Ch189/Area Scan (51x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.12 W/kg

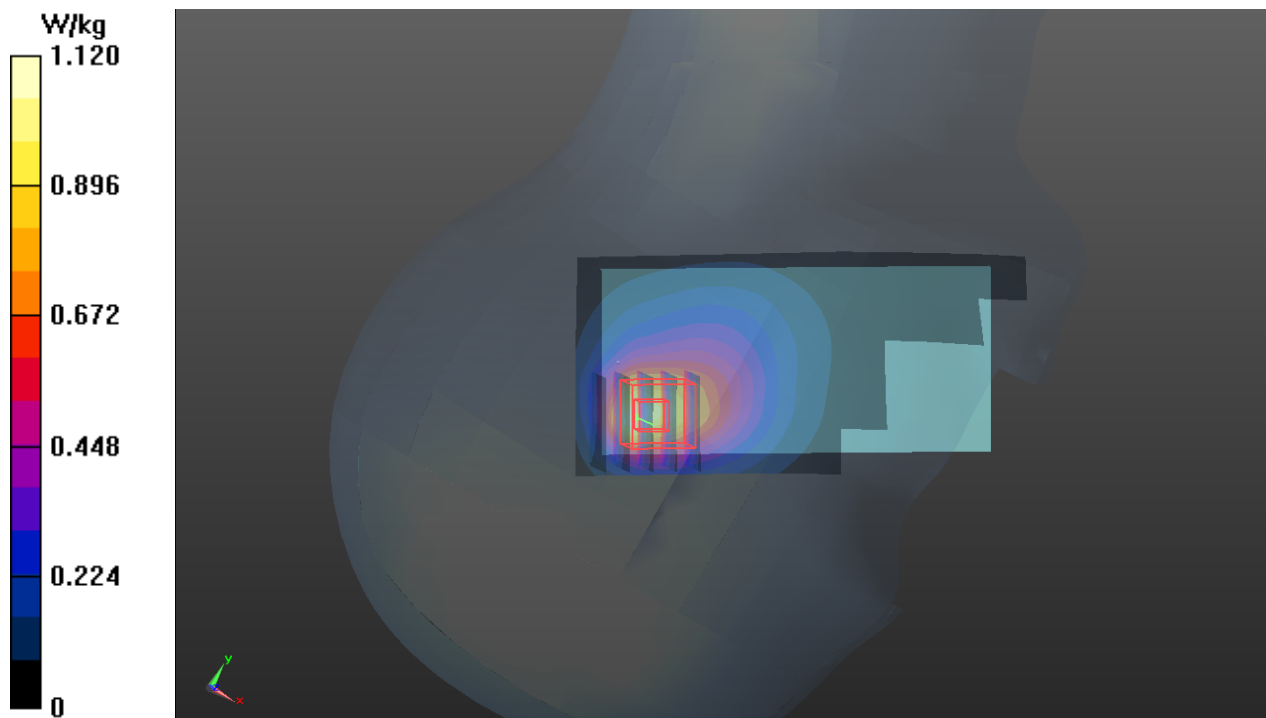
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.484 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.18 W/kg

**SAR(1 g) = 0.703 W/kg; SAR(10 g) = 0.435 W/kg**

Maximum value of SAR (measured) = 0.914 W/kg



## P02 GSM1900\_GPRS12\_Left Cheek\_Ch512\_Sample 1\_ANT-0

### DUT: 130408C20

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

Medium: H1900\_0427 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.367$  S/m;  $\epsilon_r = 40.644$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.13, 8.13, 8.13); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM Phantom\_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**Ch512/Area Scan (51x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.11 W/kg

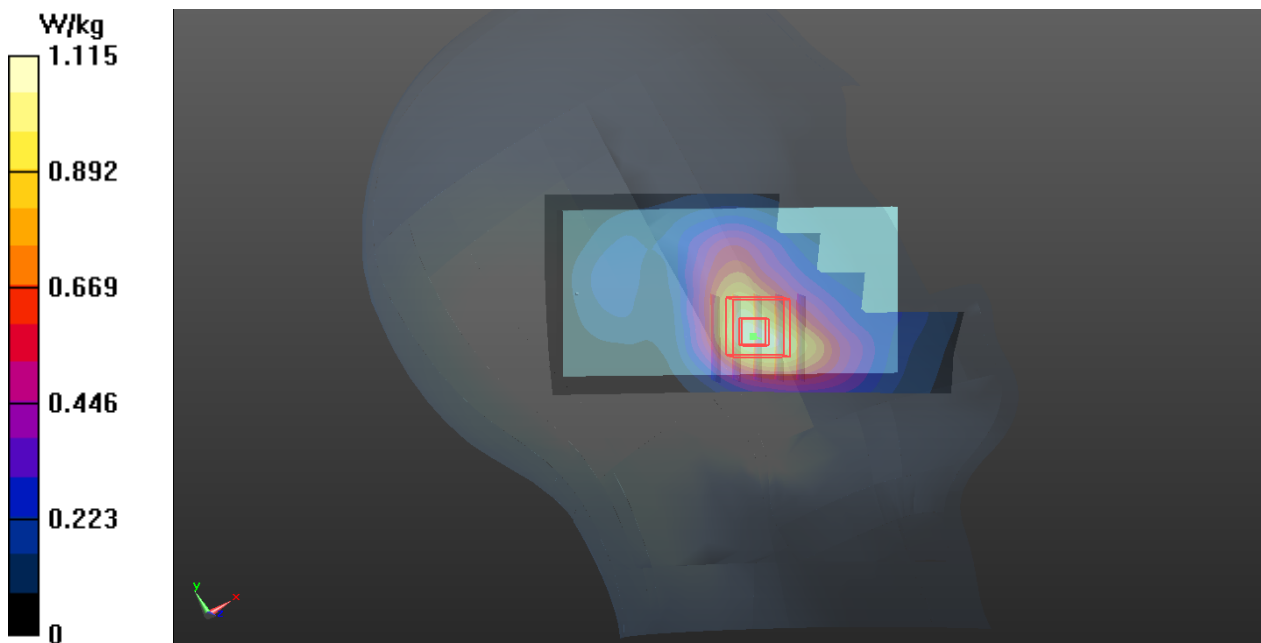
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.101 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.25 W/kg

**SAR(1 g) = 0.867 W/kg; SAR(10 g) = 0.552 W/kg**

Maximum value of SAR (measured) = 1.08 W/kg



### P03 WCDMA II\_RMC12.2k\_Left Cheek\_Ch9262\_Sample 1\_ANT-0

#### DUT: 130408C20

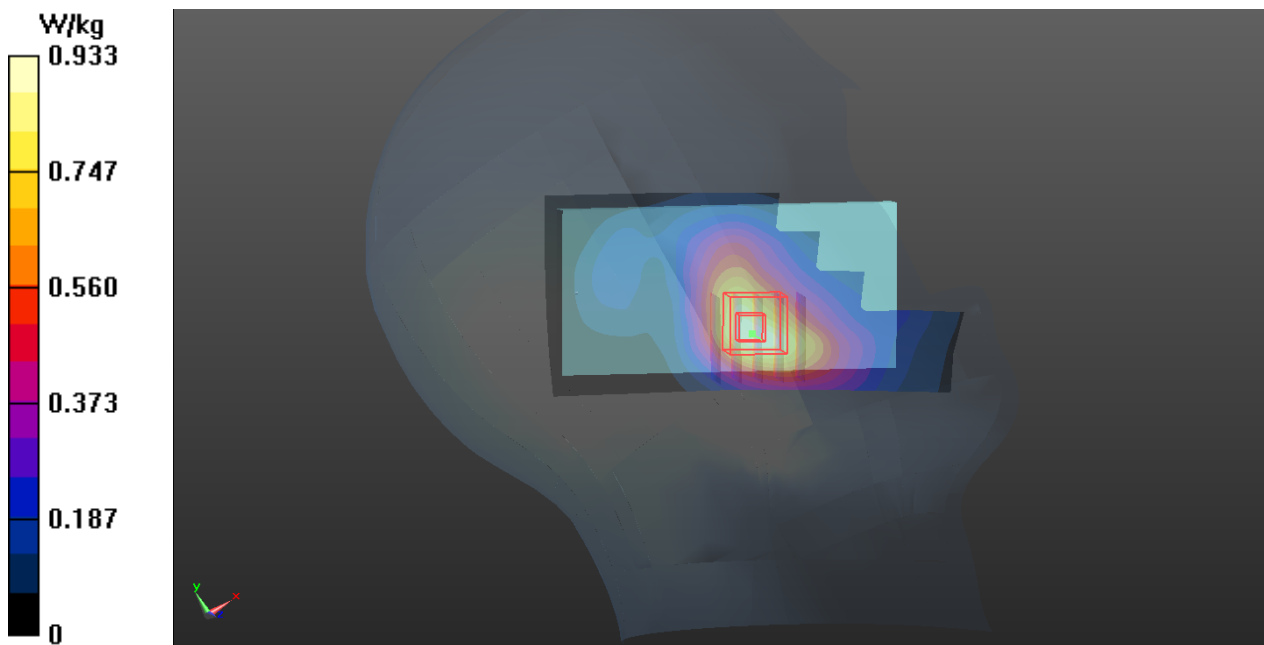
Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
Medium: H1900\_0427 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.37$  S/m;  $\epsilon_r = 40.633$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 21.8 °C; Liquid Temperature : 20.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.13, 8.13, 8.13); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM Phantom\_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**Ch9262/Area Scan (51x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.933 W/kg

**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 10.197 V/m; Power Drift = 0.08 dB  
Peak SAR (extrapolated) = 1.08 W/kg  
**SAR(1 g) = 0.748 W/kg; SAR(10 g) = 0.476 W/kg**  
Maximum value of SAR (measured) = 0.934 W/kg



### P04 LTE7\_QPSK\_20M\_Left Cheek\_Ch20850\_1RB\_OS50\_Sample 1\_ANT-0

**DUT: 130408C20**

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

Medium: H2600\_0621 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.948$  S/m;  $\epsilon_r = 37.927$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(7.69, 7.69, 7.69); Calibrated: 2013/02/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2013/01/30
- Phantom: SAM Phantom\_Front; Type: SAM V4.0; Serial: TP 1653
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**Ch20850/Area Scan (71x131x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.392 W/kg

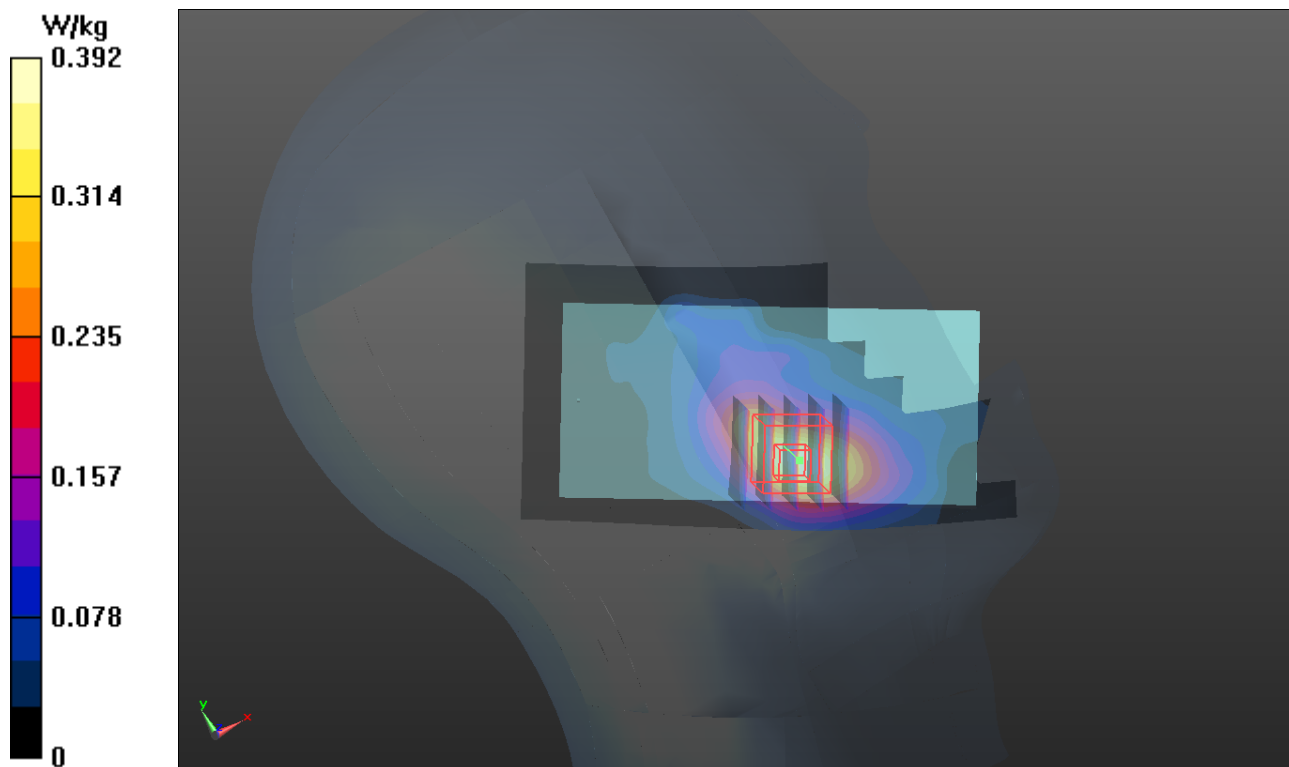
**Ch20850/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.065 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.529 W/kg

**SAR(1 g) = 0.285 W/kg; SAR(10 g) = 0.148 W/kg**

Maximum value of SAR (measured) = 0.397 W/kg



## P05 802.11b\_Left Cheek\_Ch6\_Sample 1

**DUT: 130408C20**

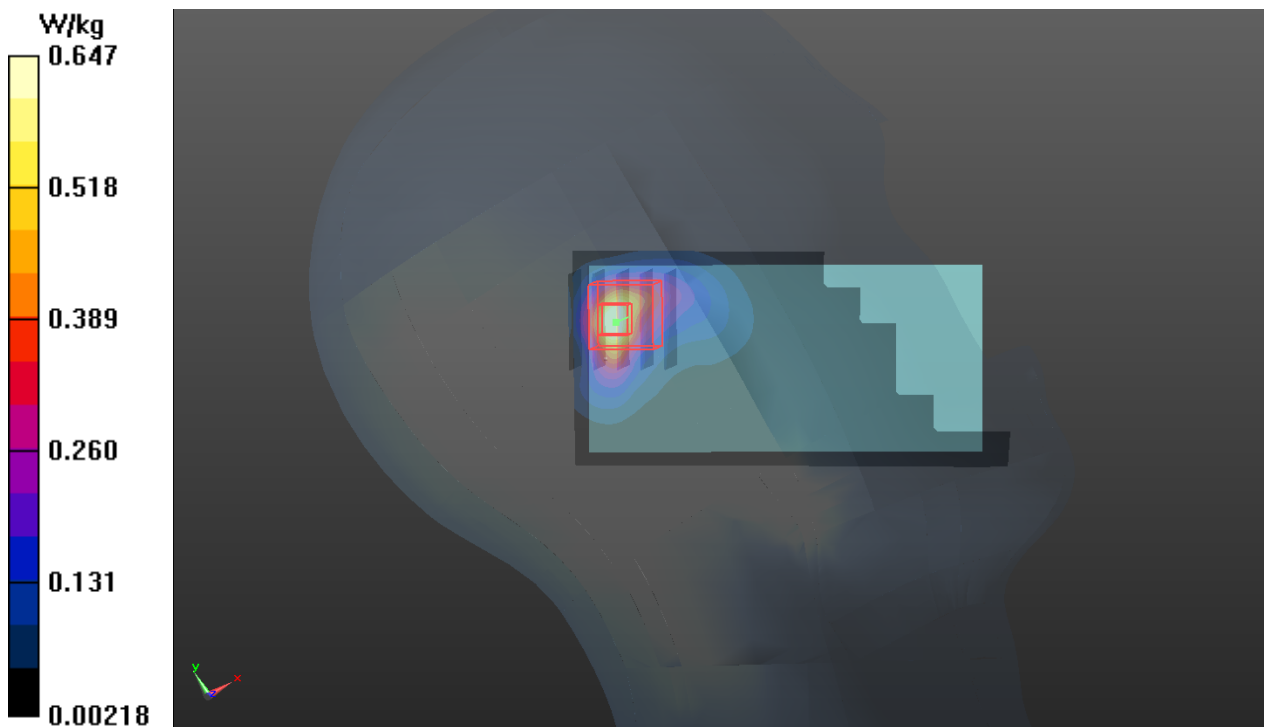
Communication System: WLAN\_2.4G; Frequency: 2437 MHz; Duty Cycle: 1:1  
Medium: H2450\_0513 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.849$  S/m;  $\epsilon_r = 37.959$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 21.1 °C; Liquid Temperature : 20.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(6.7, 6.7, 6.7); Calibrated: 2012/06/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2013/03/19
- Phantom: SAM Phantom\_Left; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**Ch6/Area Scan (61x121x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.754 W/kg

**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 14.393 V/m; Power Drift = 0.06 dB  
Peak SAR (extrapolated) = 0.930 W/kg  
**SAR(1 g) = 0.404 W/kg; SAR(10 g) = 0.172 W/kg**  
Maximum value of SAR (measured) = 0.647 W/kg



### P06 802.11a\_Left Tilted\_Ch48\_Sample1

**DUT: 130408C20**

Communication System: WLAN\_5G; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: H5G\_0522 Medium parameters used:  $f = 5240$  MHz;  $\sigma = 4.892$  S/m;  $\epsilon_r = 36.023$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.4 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(5.2, 5.2, 5.2); Calibrated: 2013/04/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM Phantom\_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**Ch48/Area Scan (81x151x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.460 W/kg

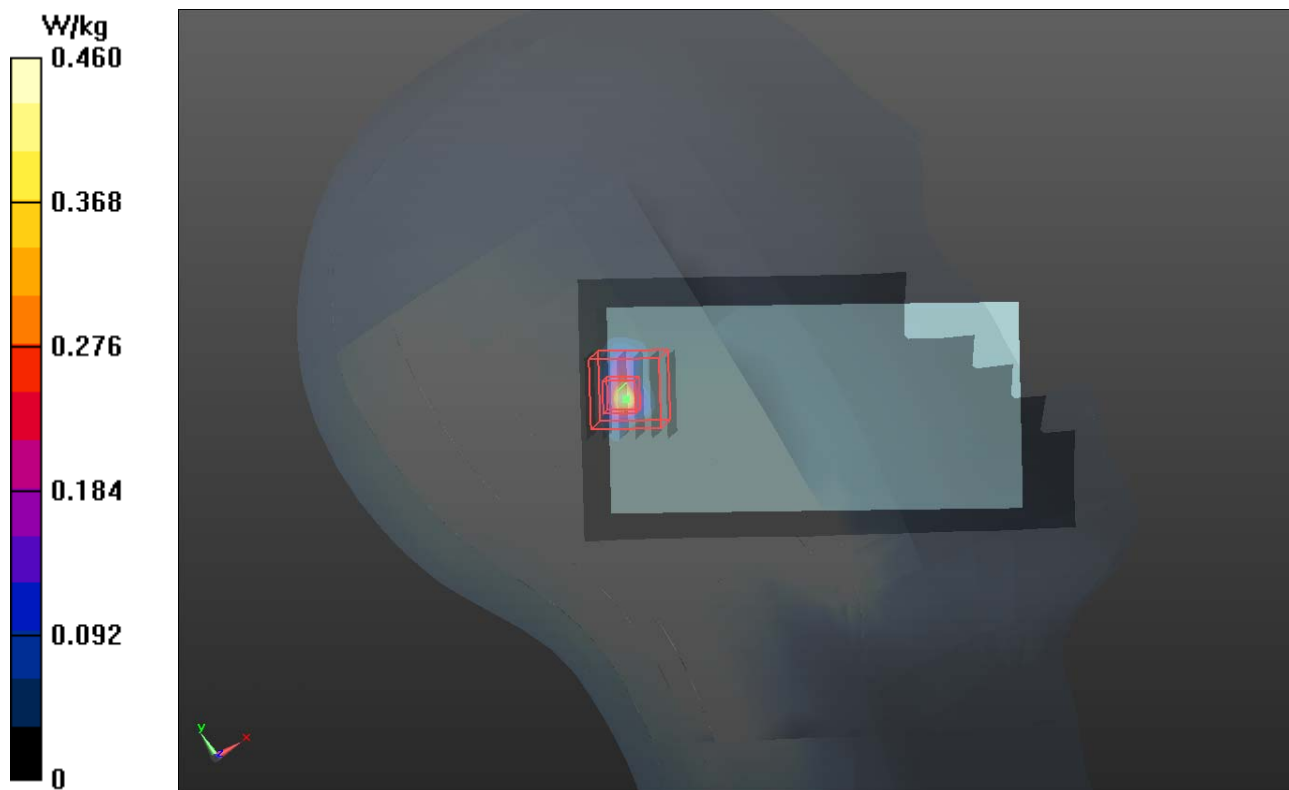
**Ch48/Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 6.322 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.434 W/kg

**SAR(1 g) = 0.098 W/kg; SAR(10 g) = 0.023 W/kg**

Maximum value of SAR (measured) = 0.275 W/kg



### P07 802.11a\_Right Tilted\_Ch64\_Sample1

**DUT: 130408C20**

Communication System: WLAN\_5G; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: H5G\_0522 Medium parameters used:  $f = 5320$  MHz;  $\sigma = 4.976$  S/m;  $\epsilon_r = 35.891$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.4 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(5.07, 5.07, 5.07); Calibrated: 2013/04/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM Phantom\_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**Ch64/Area Scan (81x151x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.252 W/kg

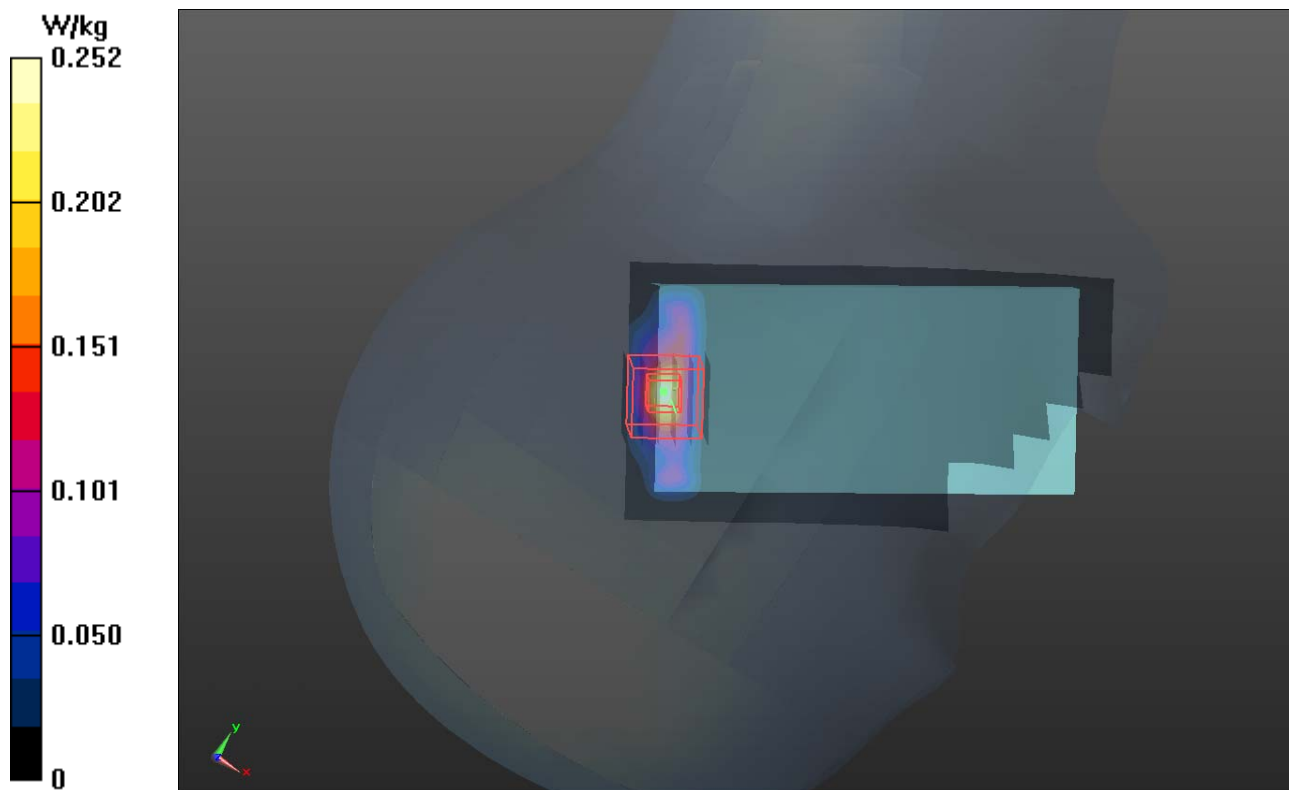
**Ch64/Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 6.697 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.475 W/kg

**SAR(1 g) = 0.109 W/kg; SAR(10 g) = 0.032 W/kg**

Maximum value of SAR (measured) = 0.247 W/kg



### P08 802.11a\_Right Cheek\_Ch140\_Sample1

**DUT: 130408C20**

Communication System: WLAN\_5G; Frequency: 5700 MHz; Duty Cycle: 1:1

Medium: H5G\_0521 Medium parameters used:  $f = 5700$  MHz;  $\sigma = 5.315$  S/m;  $\epsilon_r = 34.417$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.7 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(4.57, 4.57, 4.57); Calibrated: 2013/04/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM Phantom\_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**Ch140/Area Scan (81x151x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.909 W/kg

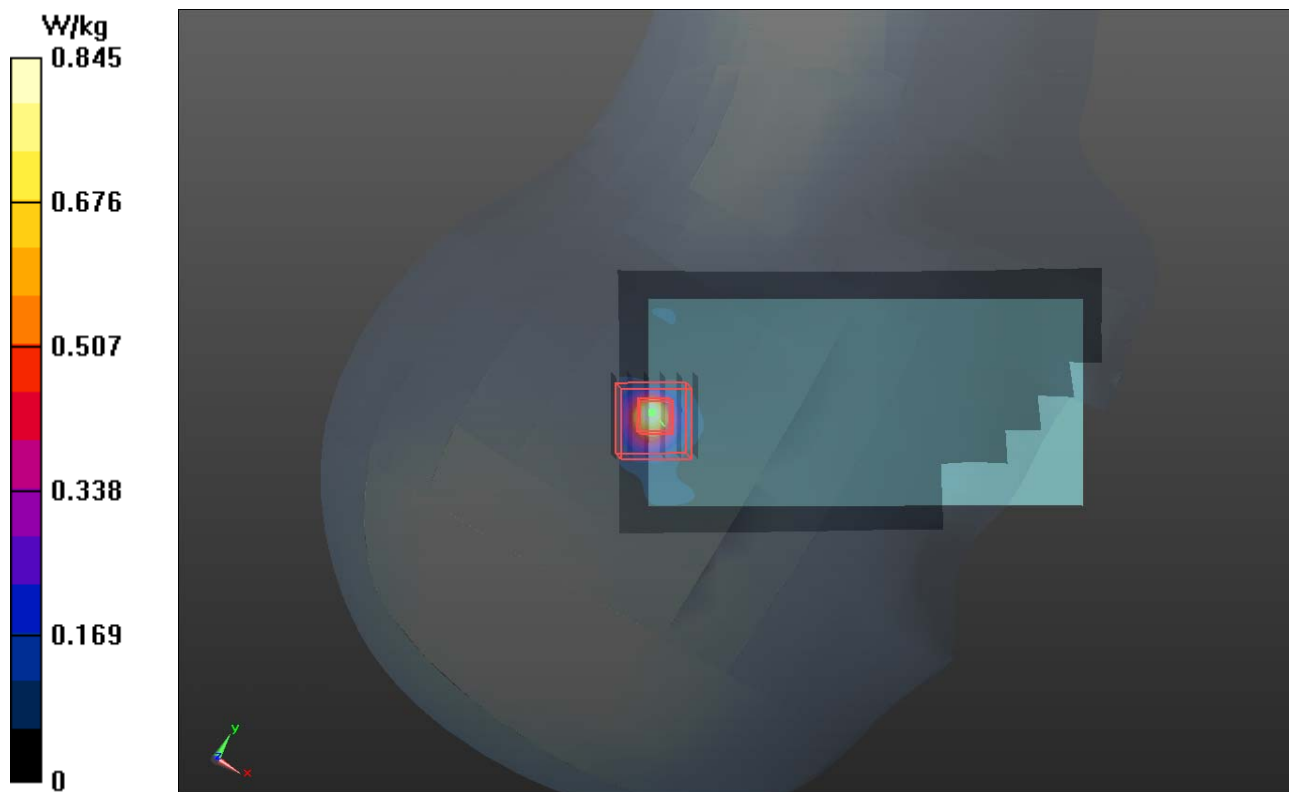
**Ch140/Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 9.663 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 3.26 W/kg

**SAR(1 g) = 0.412 W/kg; SAR(10 g) = 0.095 W/kg**

Maximum value of SAR (measured) = 0.845 W/kg





## P09 802.11a\_Right Cheek\_Ch161\_Sample 1

### DUT: 130408C19

Communication System: WLAN\_5G; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium: H5G\_0525 Medium parameters used:  $f = 5805$  MHz;  $\sigma = 5.508$  S/m;  $\epsilon_r = 34.814$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.3 °C; Liquid Temperature : 20.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.92, 4.92, 4.92); Calibrated: 2013/02/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2013/01/30
- Phantom: SAM Phantom\_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**Ch161/Area Scan (71x151x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.14 W/kg

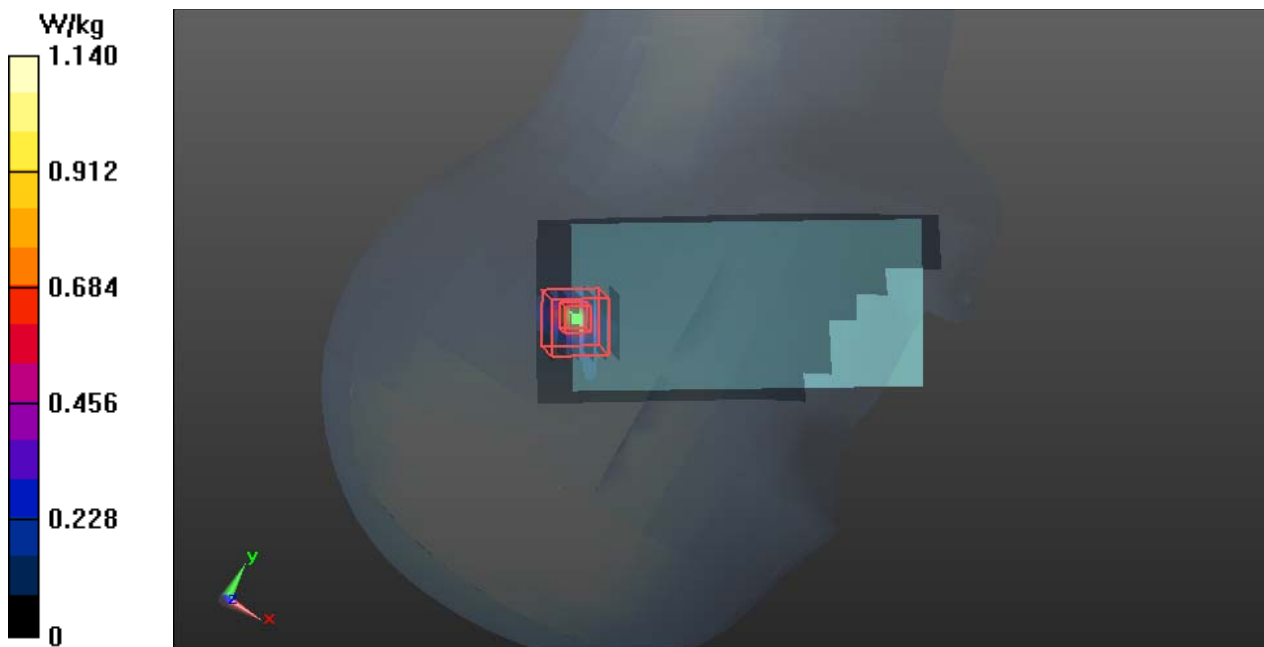
**Ch161/Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 13.613 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 2.69 W/kg

**SAR(1 g) = 0.482 W/kg; SAR(10 g) = 0.108 W/kg**

Maximum value of SAR (measured) = 1.08 W/kg



## P10 GSM850\_GPRS12\_Rear Face\_1cm\_Ch251\_Sample 1\_ANT-0

**DUT: 130408C20**

Communication System: GPRS12; Frequency: 848.8 MHz; Duty Cycle: 1:2

Medium: B835\_0429 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.989$  S/m;  $\epsilon_r = 54.073$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(9.94, 9.94, 9.94); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM Phantom\_Left; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**Ch251/Area Scan (51x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.905 W/kg

**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.797 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.08 W/kg

**SAR(1 g) = 0.752 W/kg; SAR(10 g) = 0.521 W/kg**

Maximum value of SAR (measured) = 0.887 W/kg

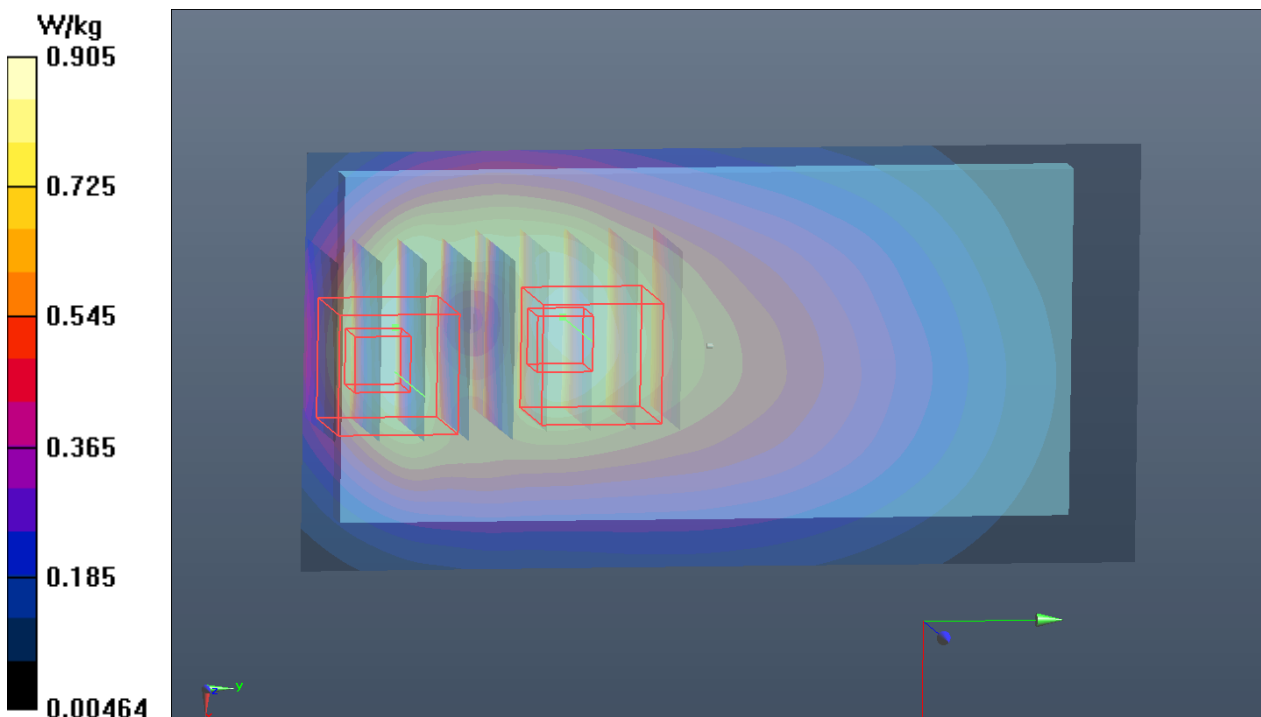
**Ch251/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.797 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.10 W/kg

**SAR(1 g) = 0.642 W/kg; SAR(10 g) = 0.372 W/kg**

Maximum value of SAR (measured) = 0.864 W/kg



### P11 GSM1900\_GPRS12\_Rear Face\_1cm\_Ch661\_Sample 1\_ANT-0

#### DUT: 130408C20

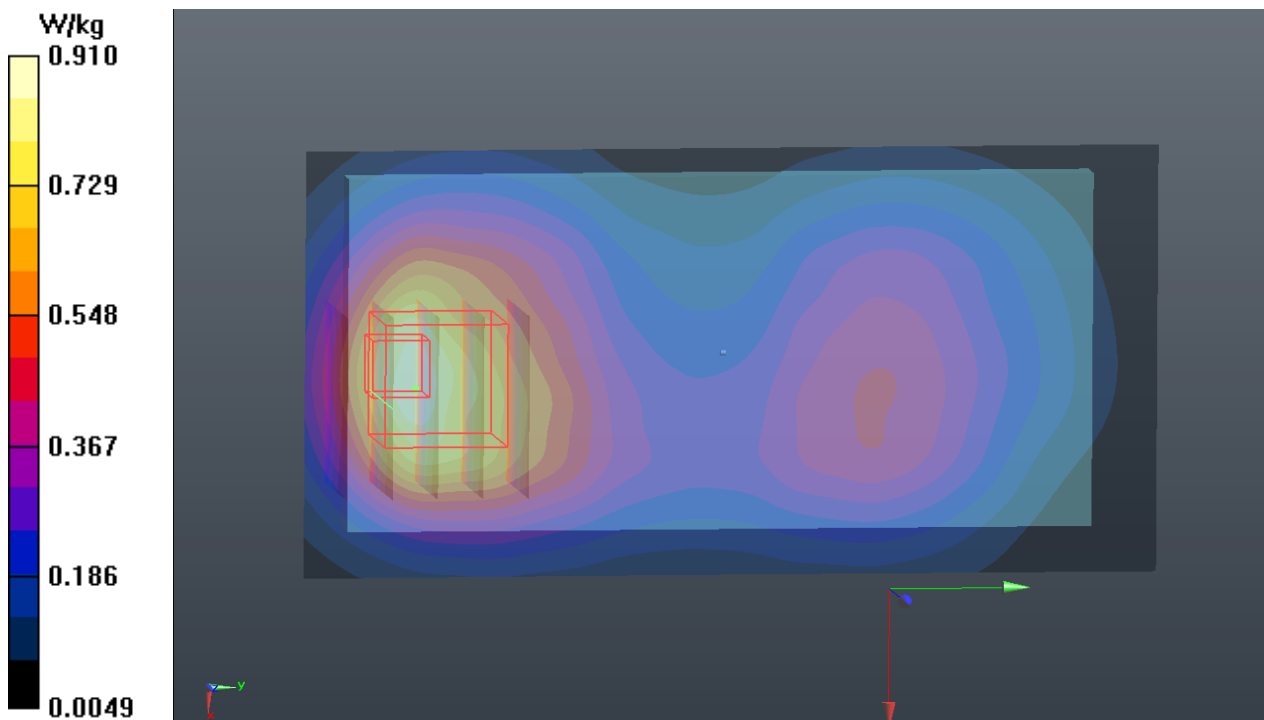
Communication System: GPRS12; Frequency: 1880 MHz; Duty Cycle: 1:2  
Medium: B1900\_0428 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.528$  S/m;  $\epsilon_r = 53.648$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 21.5 °C; Liquid Temperature : 20.4 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.88, 7.88, 7.88); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM Phantom\_Left; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**Ch661/Area Scan (51x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.910 W/kg

**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 12.706 V/m; Power Drift = -0.00 dB  
Peak SAR (extrapolated) = 1.02 W/kg  
**SAR(1 g) = 0.612 W/kg; SAR(10 g) = 0.381 W/kg**  
Maximum value of SAR (measured) = 0.789 W/kg



### P12 WCDMA II\_RMC12.2K\_Rear Face\_1cm\_Ch9262\_Sample 1\_ANT-0

#### DUT: 130408C20

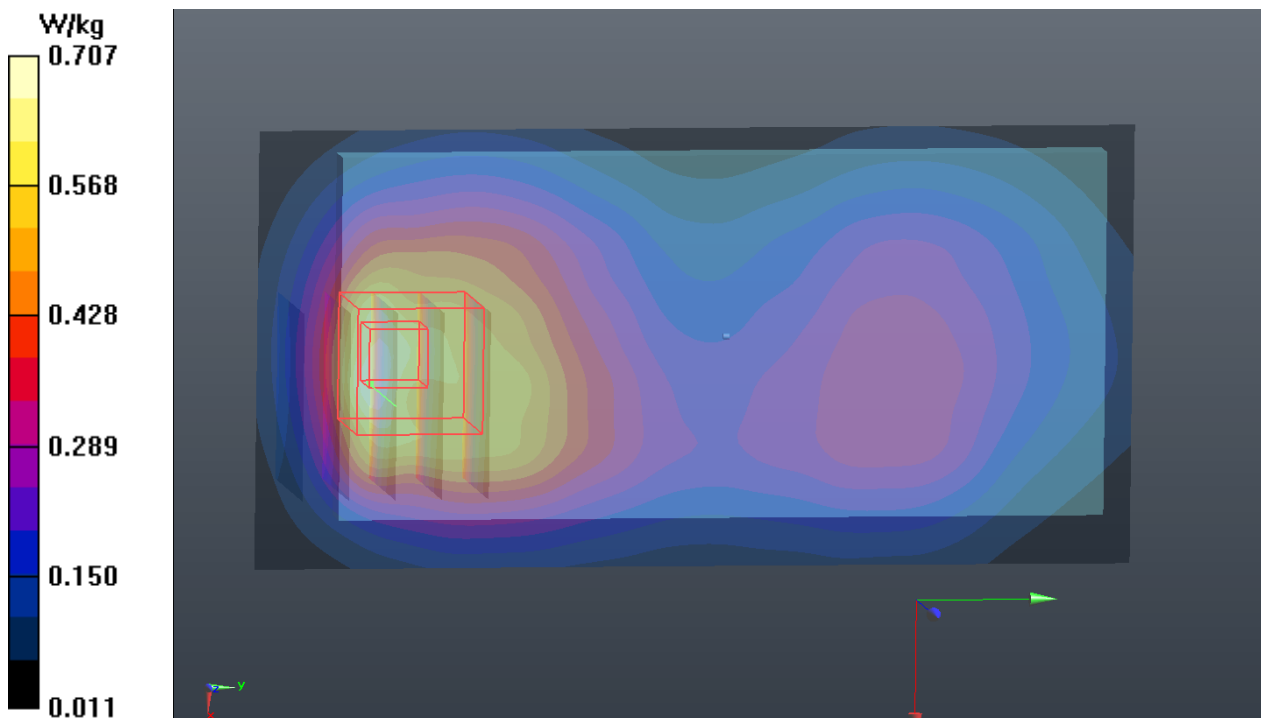
Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
Medium: B1900\_0428 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.494$  S/m;  $\epsilon_r = 53.747$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 21.5 °C; Liquid Temperature : 20.4 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.88, 7.88, 7.88); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM Phantom\_Left; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**Ch9262/Area Scan (51x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.707 W/kg

**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 11.901 V/m; Power Drift = -0.07 dB  
Peak SAR (extrapolated) = 0.828 W/kg  
**SAR(1 g) = 0.503 W/kg; SAR(10 g) = 0.308 W/kg**  
Maximum value of SAR (measured) = 0.656 W/kg



### P13 LTE7\_QPSK\_20M\_Front Face\_1cm\_Ch20850\_1RB\_OS50\_Sample 1\_ANT-0

#### DUT: 130408C20

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

Medium: B2600\_0622 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 2.094$  S/m;  $\epsilon_r = 52.602$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.3 °C ; Liquid Temperature : 20.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(7.83, 7.83, 7.83); Calibrated: 2013/02/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2013/01/30
- Phantom: SAM Phantom\_Front; Type: SAM V4.0; Serial: TP 1653
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**Ch20850/Area Scan (71x131x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.260 W/kg

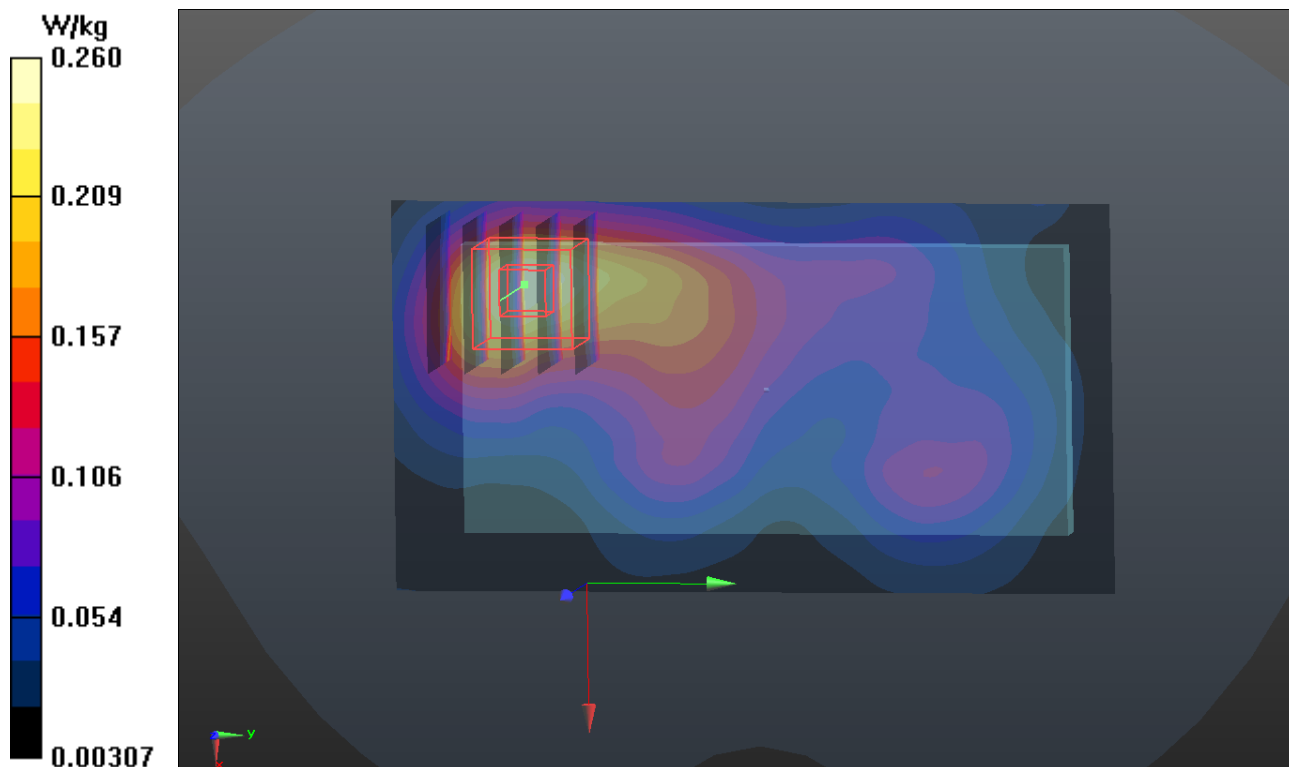
**Ch20850/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.745 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.342 W/kg

**SAR(1 g) = 0.174 W/kg; SAR(10 g) = 0.087 W/kg**

Maximum value of SAR (measured) = 0.254 W/kg



### P14 802.11b\_Front Face\_1cm\_Ch6\_Sample 1

**DUT: 130408C20**

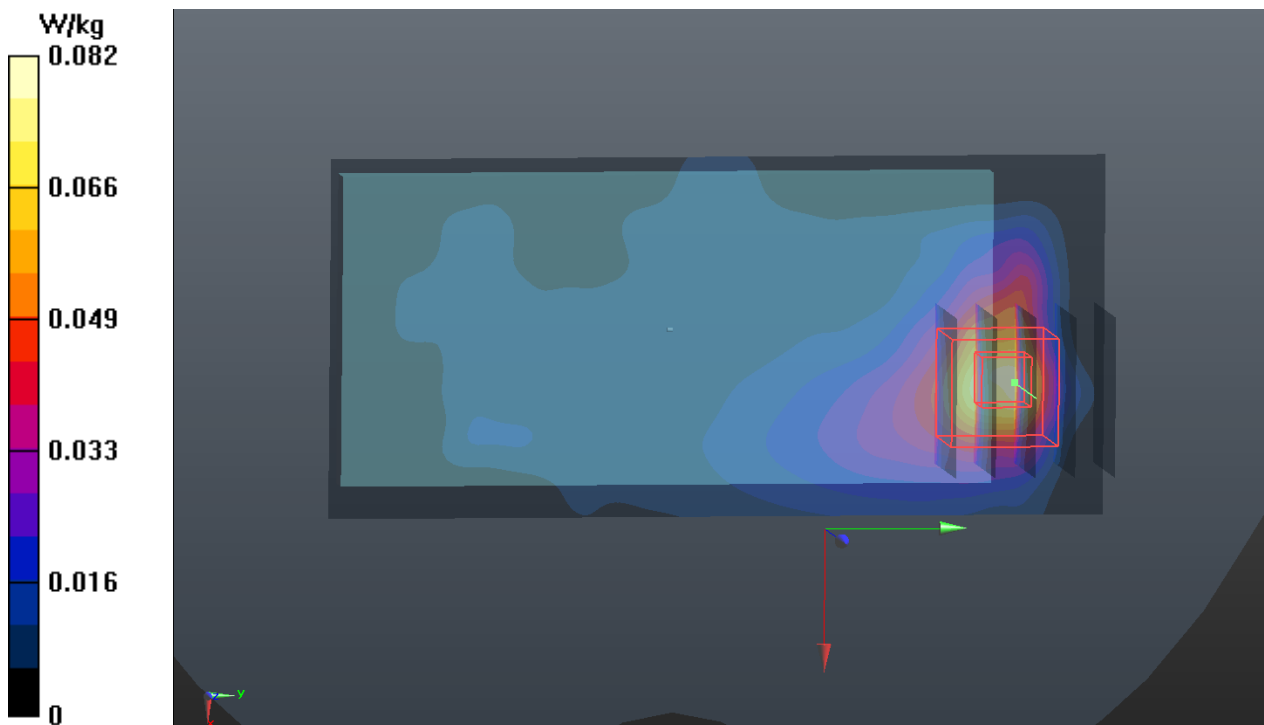
Communication System: WLAN\_2.4G; Frequency: 2437 MHz; Duty Cycle: 1:1  
Medium: B2450\_0513 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.975$  S/m;  $\epsilon_r = 51.267$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 21.1 °C; Liquid Temperature : 20.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(6.59, 6.59, 6.59); Calibrated: 2012/06/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2013/03/19
- Phantom: SAM Phantom\_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**Ch6/Area Scan (61x131x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.0819 W/kg

**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 1.997 V/m; Power Drift = 0.07 dB  
Peak SAR (extrapolated) = 0.106 W/kg  
**SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.024 W/kg**  
Maximum value of SAR (measured) = 0.0759 W/kg



### P15 802.11a\_Front Face\_1cm\_Ch64\_Sample1

**DUT: 130408C20**

Communication System: WLAN\_5G; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: B5G\_0522 Medium parameters used:  $f = 5320$  MHz;  $\sigma = 5.524$  S/m;  $\epsilon_r = 47.469$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(4.31, 4.31, 4.31); Calibrated: 2013/04/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM Phantom\_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**Ch64/Area Scan (81x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0133 W/kg

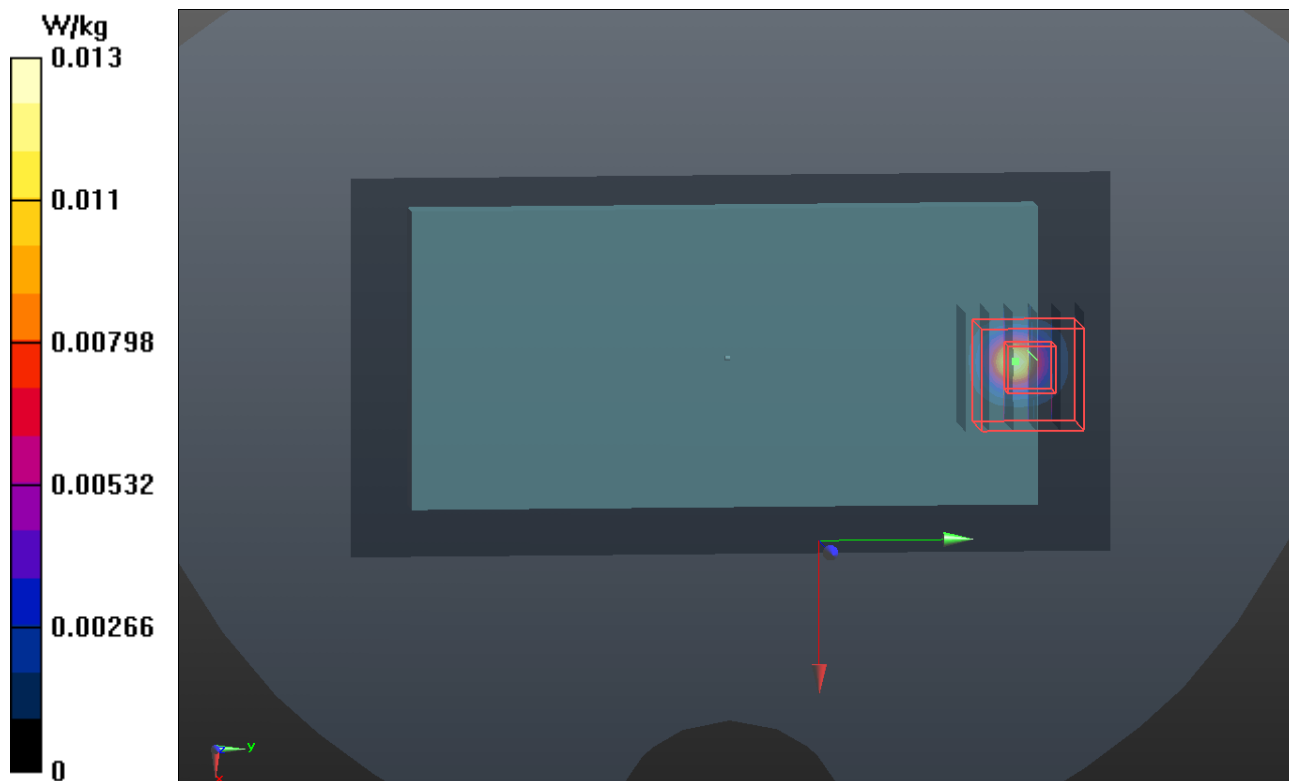
**Ch64/Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

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

Peak SAR (extrapolated) = 0.0780 W/kg

**SAR(1 g) = 0.00417 W/kg; SAR(10 g) = 0.000544 W/kg**

Maximum value of SAR (measured) = 0.0246 W/kg



### P16 802.11a\_Front Face\_1cm\_Ch140\_Sample1

**DUT: 130408C20**

Communication System: WLAN\_5G; Frequency: 5700 MHz; Duty Cycle: 1:1

Medium: B5G\_0523 Medium parameters used:  $f = 5700$  MHz;  $\sigma = 6.048$  S/m;  $\epsilon_r = 46.702$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.4 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(4, 4, 4); Calibrated: 2013/04/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**Ch140/Area Scan (81x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0593 W/kg

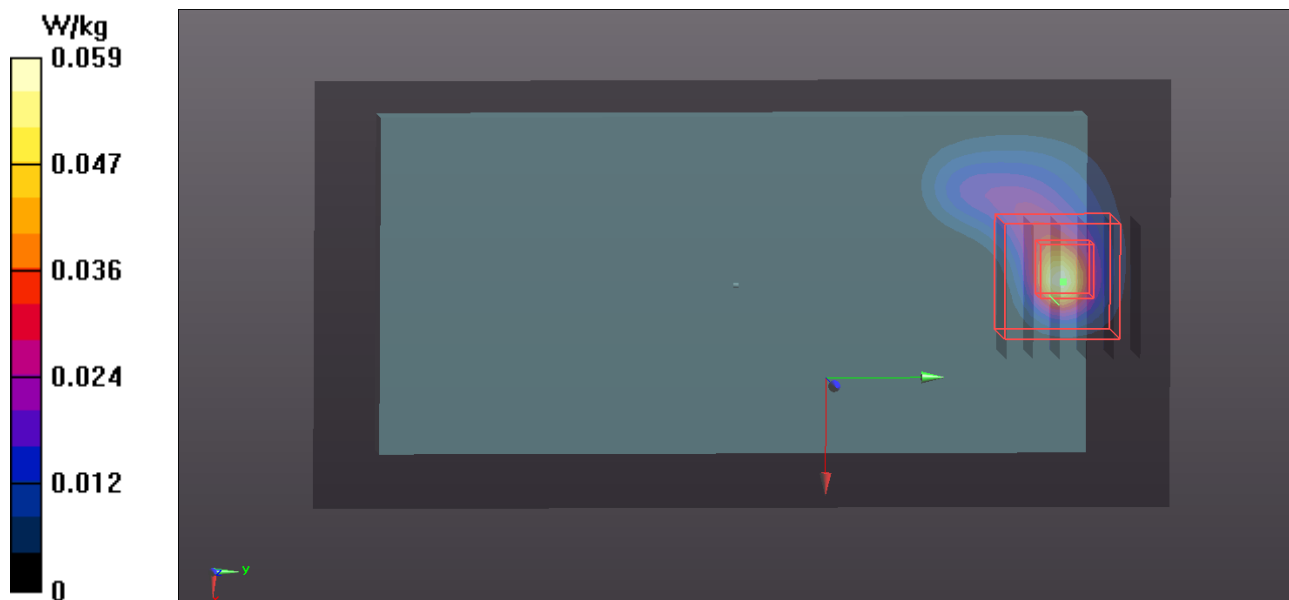
**Ch140/Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

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

Peak SAR (extrapolated) = 0.318 W/kg

**SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.00418 W/kg**

Maximum value of SAR (measured) = 0.0400 W/kg





## P17 802.11a\_Front Face\_1cm\_Ch161\_Sample1

**DUT: 130408C20**

Communication System: WLAN\_5G; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium: B5G\_0523 Medium parameters used:  $f = 5805$  MHz;  $\sigma = 6.196$  S/m;  $\epsilon_r = 46.524$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.7 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(4.21, 4.21, 4.21); Calibrated: 2013/04/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**Ch161/Area Scan (81x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0651 W/kg

**Ch161/Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

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

Peak SAR (extrapolated) = 0.493 W/kg

**SAR(1 g) = 0.040 W/kg; SAR(10 g) = 0.011 W/kg**

Maximum value of SAR (measured) = 0.0581 W/kg

