

## P01 GSM850\_GPRS10\_Left Cheek\_Ch251\_ANT1

**DUT: 130805C28**

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

Medium: H835\_0828 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.905$  S/m;  $\epsilon_r = 42.821$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.52, 10.52, 10.52); 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 1654
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 0.274 W/kg

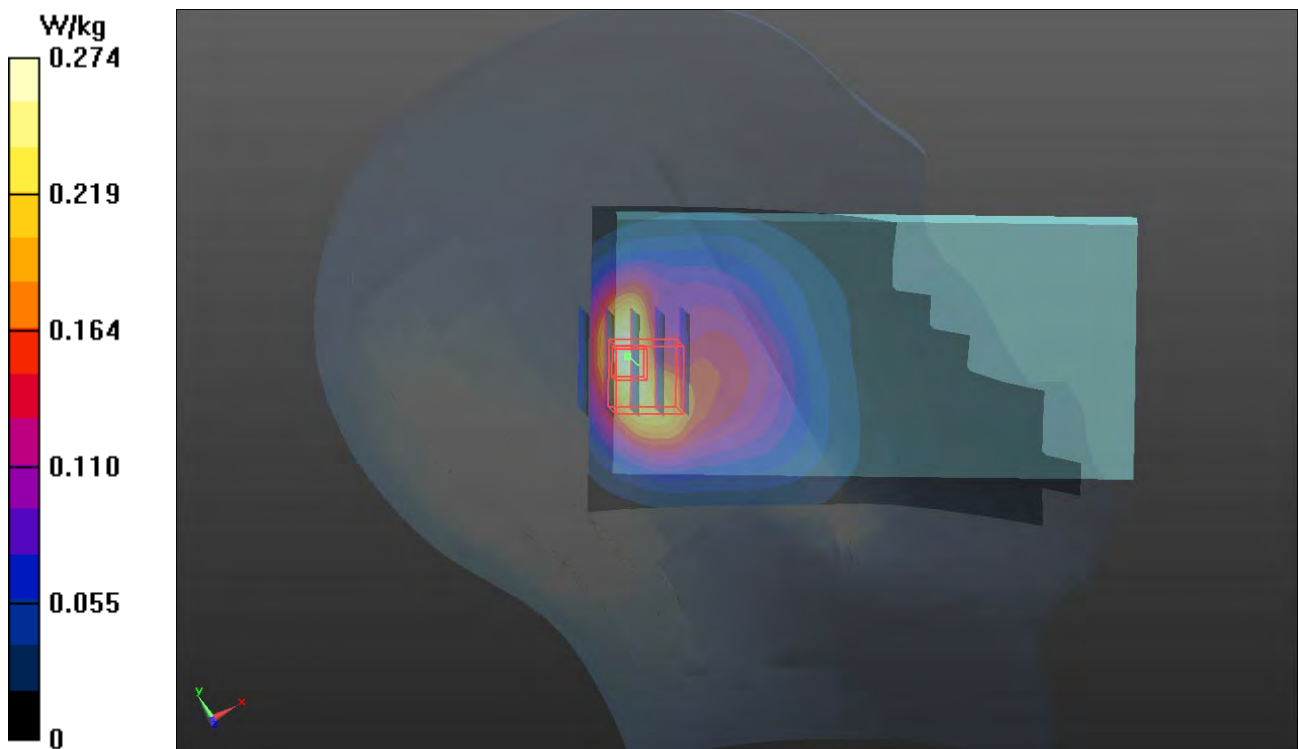
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.092 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.346 W/kg

**SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.112 W/kg**

Maximum value of SAR (measured) = 0.271 W/kg



## P02 GSM1900\_GPRS10\_Right Cheek\_Ch810\_ANT1

**DUT: 130805C28**

Communication System: GPRS10; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: H1900\_0824 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.443$  S/m;  $\epsilon_r = 40.337$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(7.67, 7.67, 7.67); Calibrated: 2013/06/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2013/03/19
- Phantom: SAM Phantom\_Right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 0.523 W/kg

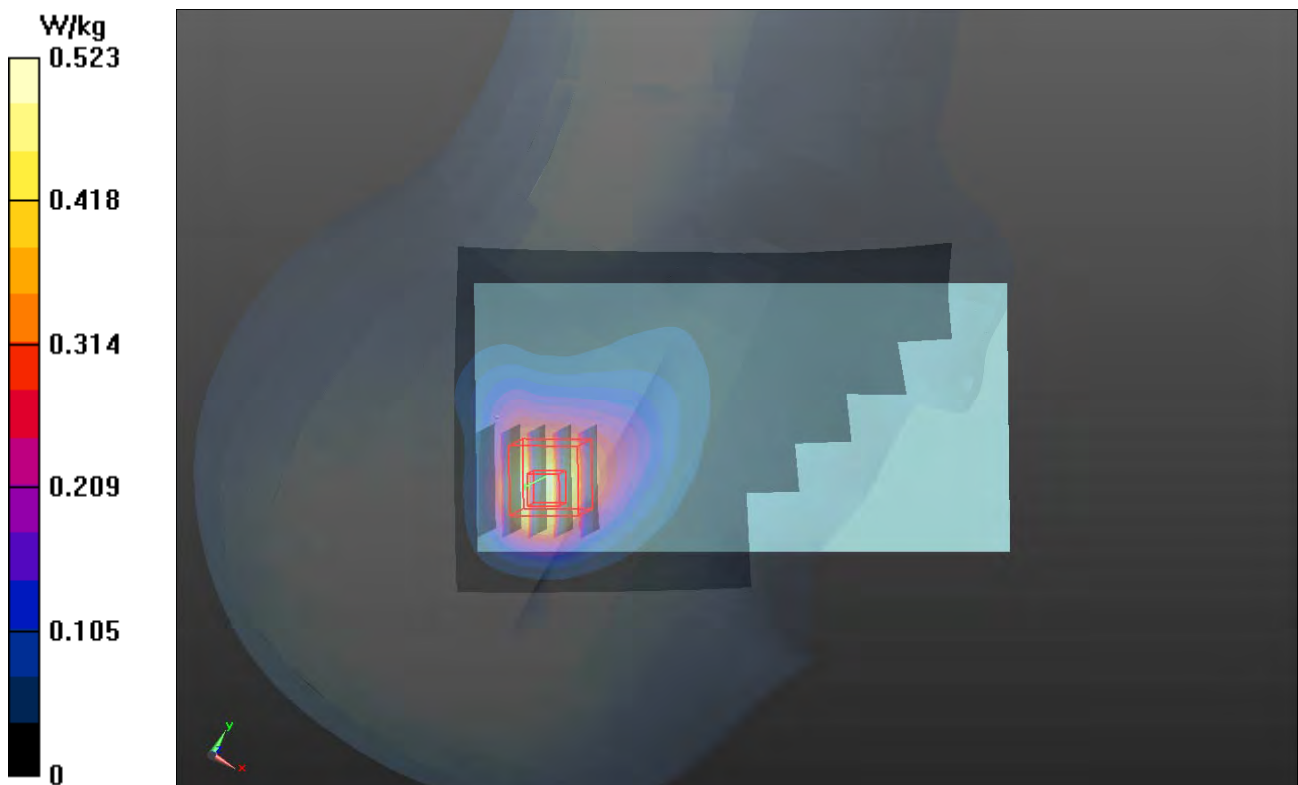
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.403 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.714 W/kg

**SAR(1 g) = 0.394 W/kg; SAR(10 g) = 0.225 W/kg**

Maximum value of SAR (measured) = 0.513 W/kg



## P03 WCDMA II\_RMC12.2k\_Right Cheek\_Ch9400\_ANT1

**DUT: 130805C28**

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

Medium: H1900\_0824 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.402$  S/m;  $\epsilon_r = 40.48$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(7.67, 7.67, 7.67); Calibrated: 2013/06/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2013/03/19
- Phantom: SAM Phantom\_Right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 0.867 W/kg

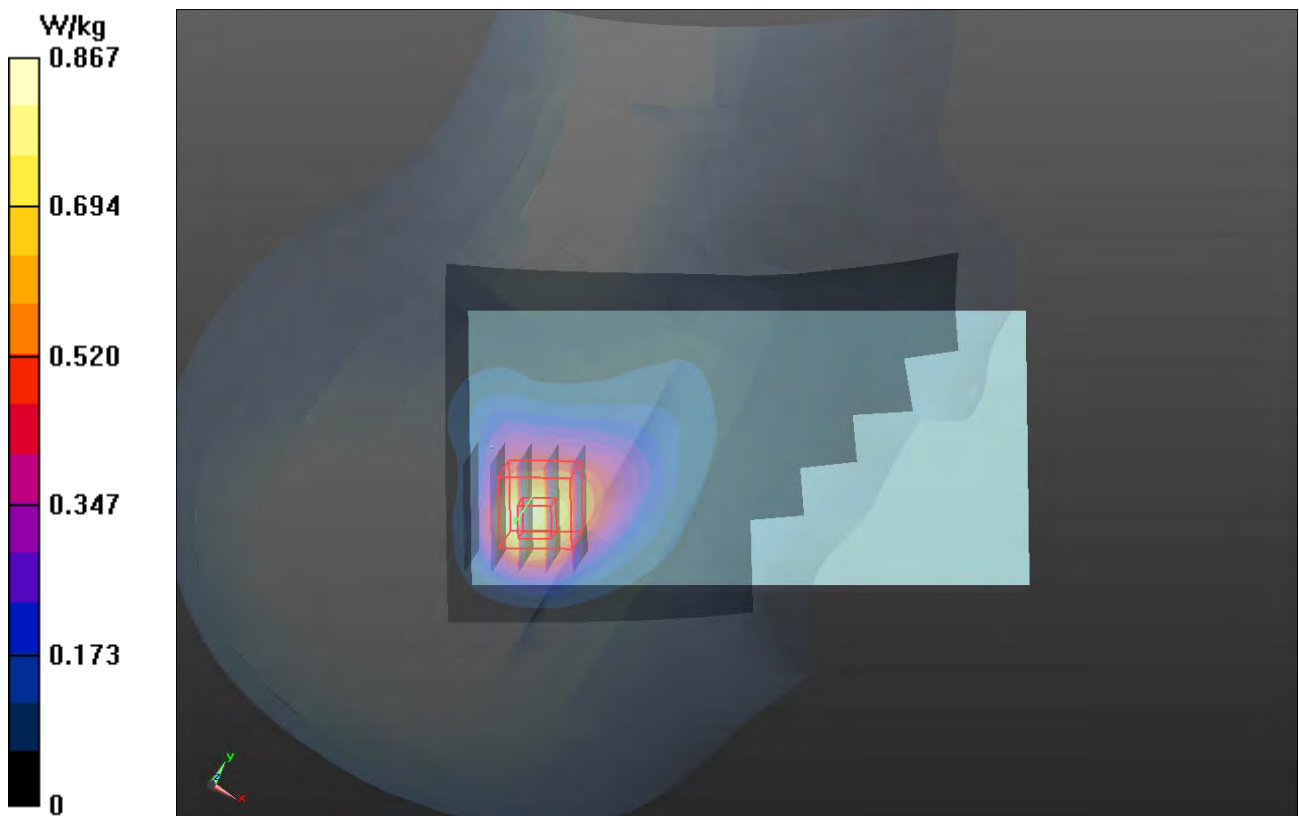
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.462 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.11 W/kg

**SAR(1 g) = 0.608 W/kg; SAR(10 g) = 0.345 W/kg**

Maximum value of SAR (measured) = 0.787 W/kg



## P04 WCDMA V\_RMC12.2K\_Left Cheek\_Ch4233\_ANT1

**DUT: 130805C28**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: H835\_0828 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.902$  S/m;  $\epsilon_r = 42.848$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.52, 10.52, 10.52); 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 1654
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 0.233 W/kg

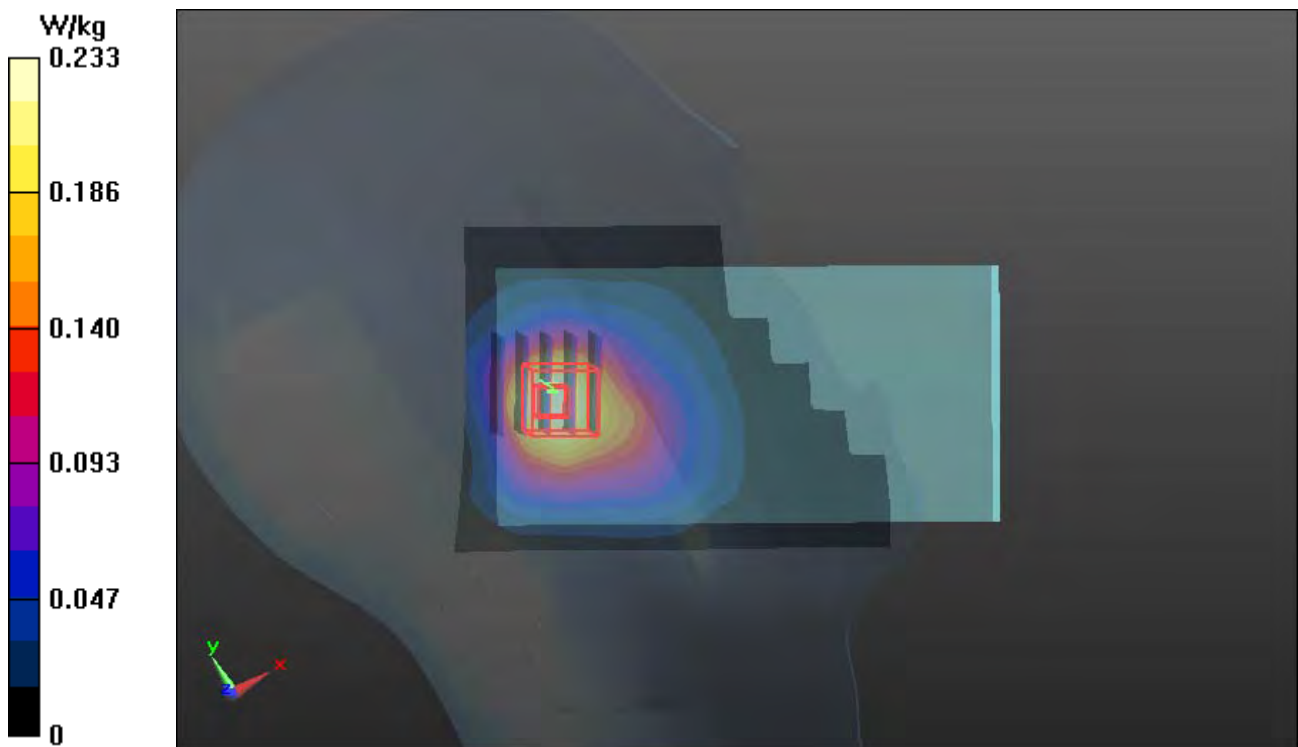
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.699 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.323 W/kg

**SAR(1 g) = 0.168 W/kg; SAR(10 g) = 0.090 W/kg**

Maximum value of SAR (measured) = 0.231 W/kg



## P05 LTE 2\_QPSK\_20M\_Right Cheek\_Ch18900\_ANT1\_1RB\_OS50

**DUT: 130805C28**

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

Medium: H1900\_0901 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.388$  S/m;  $\epsilon_r = 41.006$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.73, 7.73, 7.73); Calibrated: 2013/04/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom\_Left; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 0.726 W/kg

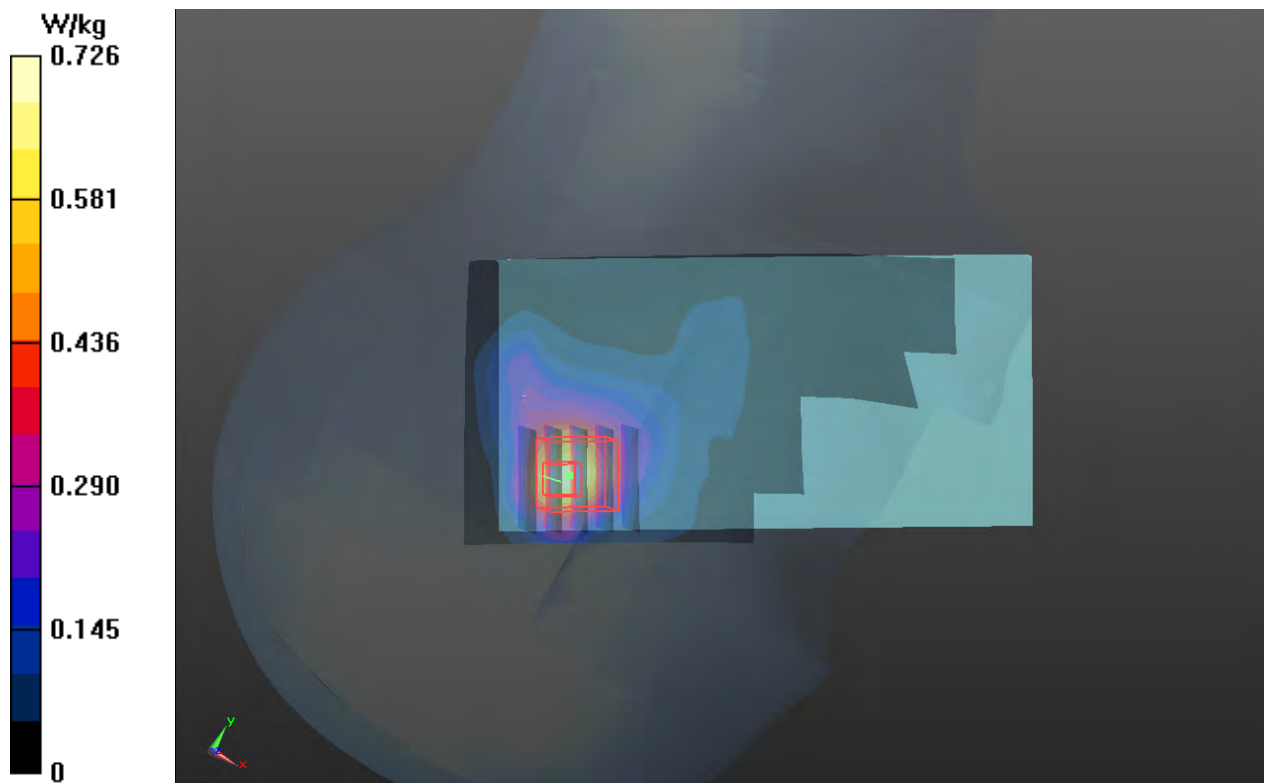
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.374 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.853 W/kg

**SAR(1 g) = 0.483 W/kg; SAR(10 g) = 0.281 W/kg**

Maximum value of SAR (measured) = 0.630 W/kg



### P06 LTE 4\_QPSK\_20M\_Right Cheek\_Ch20300\_ANT1\_1RB\_OS50

**DUT: 130805C28**

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: H1750\_0901 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.382$  S/m;  $\epsilon_r = 41.623$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.91, 7.91, 7.91); Calibrated: 2013/04/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom\_Left; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 0.961 W/kg

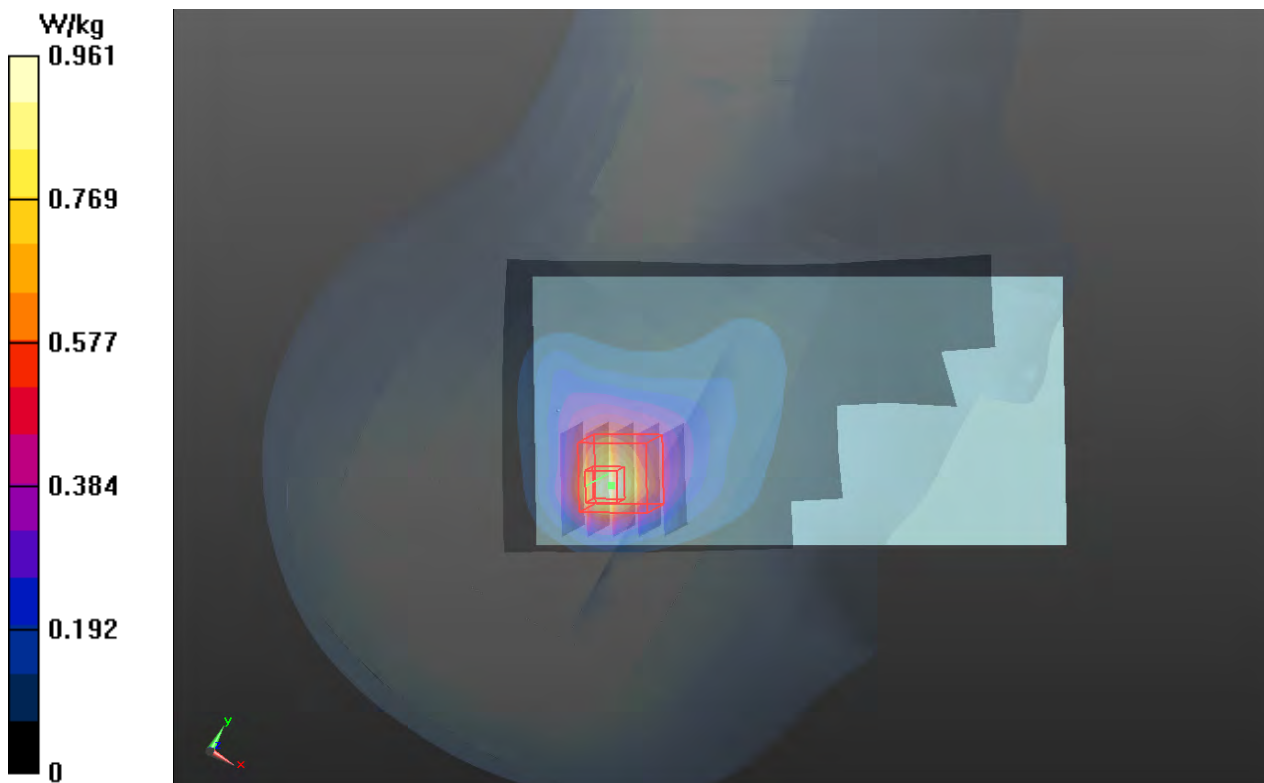
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.512 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.12 W/kg

**SAR(1 g) = 0.606 W/kg; SAR(10 g) = 0.360 W/kg**

Maximum value of SAR (measured) = 0.800 W/kg





## P07 LTE 5\_QPSK\_10M\_Right Cheek\_Ch20450\_ANT1\_1RB\_OS0

**DUT: 130805C28**

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

Medium: H835\_0828 Medium parameters used:  $f = 829$  MHz;  $\sigma = 0.883$  S/m;  $\epsilon_r = 43.052$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.52, 10.52, 10.52); 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 1654
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 0.459 W/kg

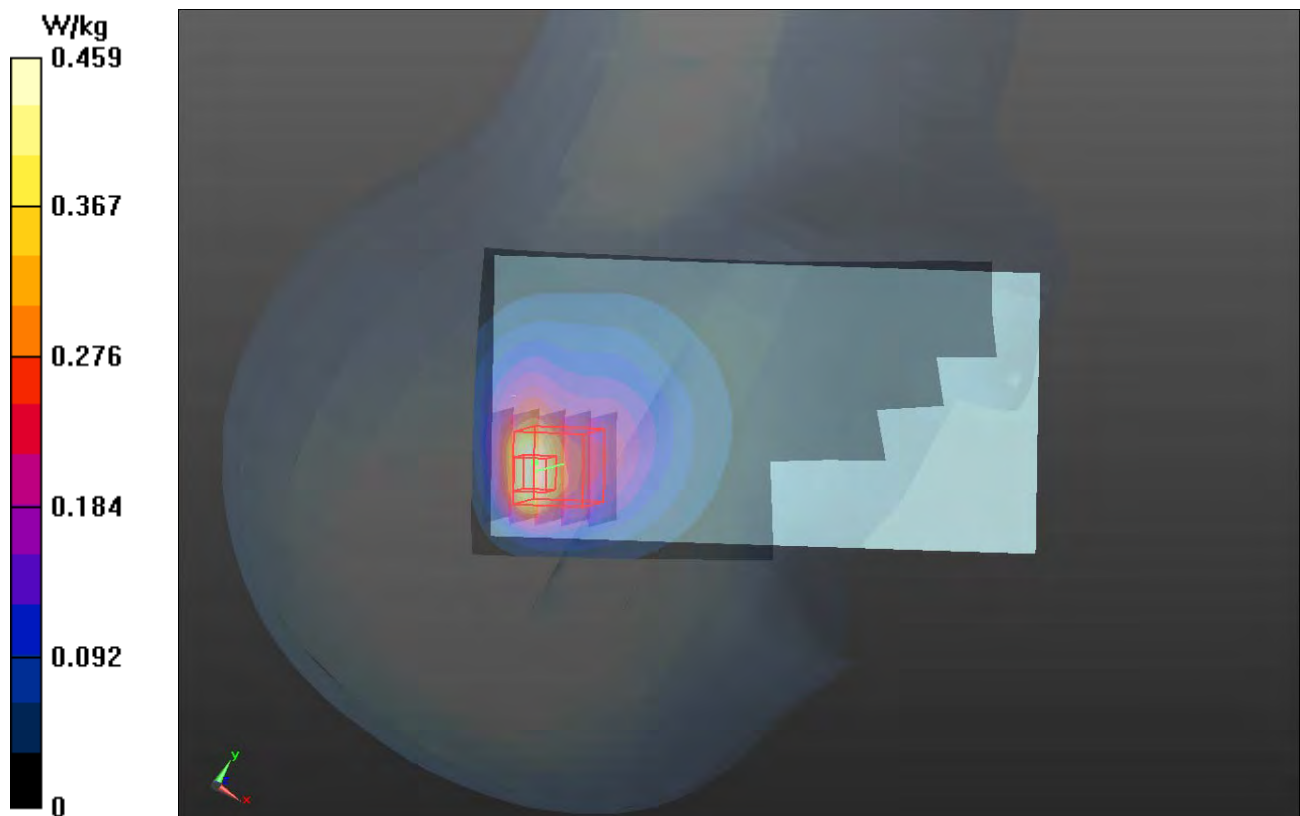
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.099 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.596 W/kg

**SAR(1 g) = 0.281 W/kg; SAR(10 g) = 0.159 W/kg**

Maximum value of SAR (measured) = 0.396 W/kg



## P08 LTE 7\_QPSK\_20M\_Left Cheek\_Ch21100\_ANT0\_1RB\_OS99

**DUT: 130805C28**

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

Medium: H2600\_0829 Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.978$  S/m;  $\epsilon_r = 37.86$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.7 °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 1654
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 0.313 W/kg

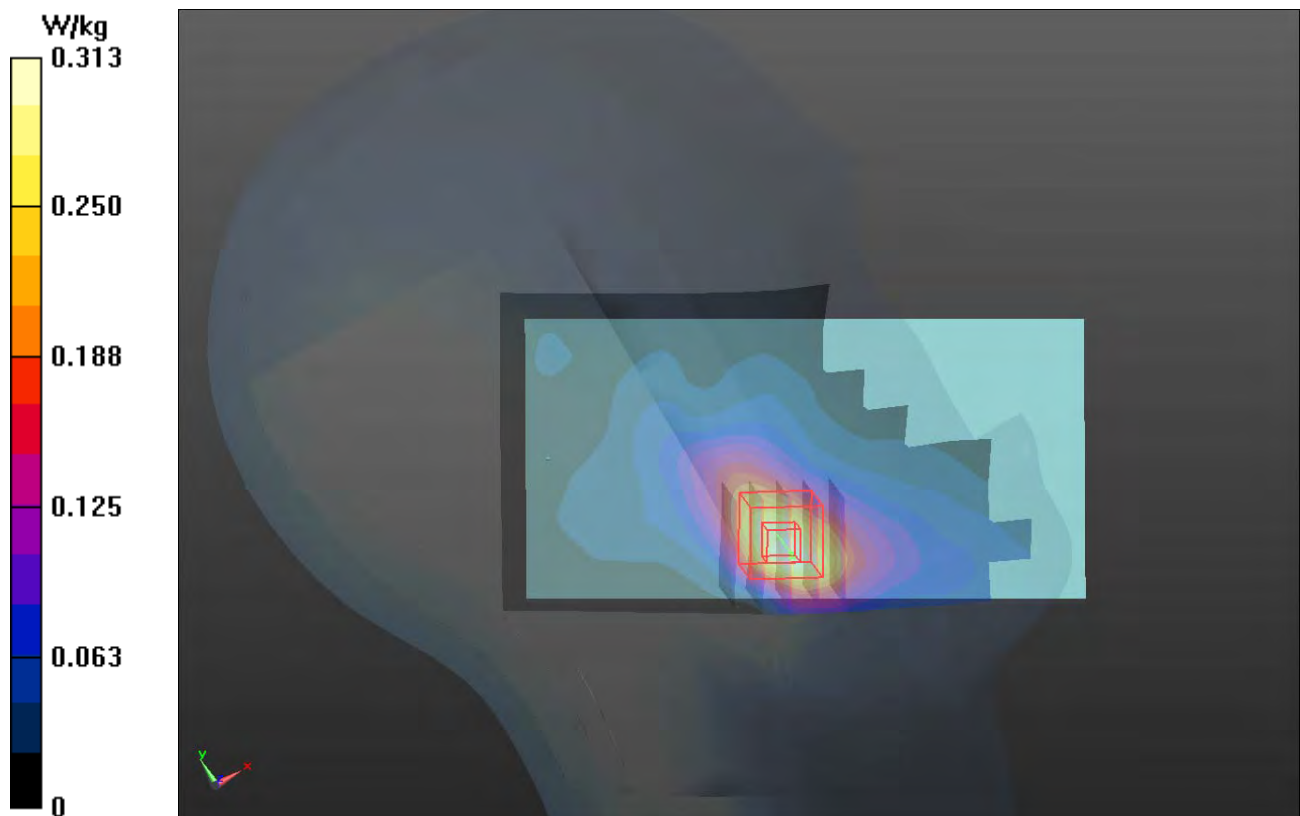
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.472 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.392 W/kg

**SAR(1 g) = 0.214 W/kg; SAR(10 g) = 0.113 W/kg**

Maximum value of SAR (measured) = 0.297 W/kg





## P09 LTE 17\_QPSK\_10M\_Right Cheek\_Ch23800\_ANT1\_1RB\_OS49

**DUT: 130805C28**

Communication System: LTE; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: H750\_0829 Medium parameters used:  $f = 711$  MHz;  $\sigma = 0.869$  S/m;  $\epsilon_r = 41.663$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.91, 10.91, 10.91); 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 1654
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 0.353 W/kg

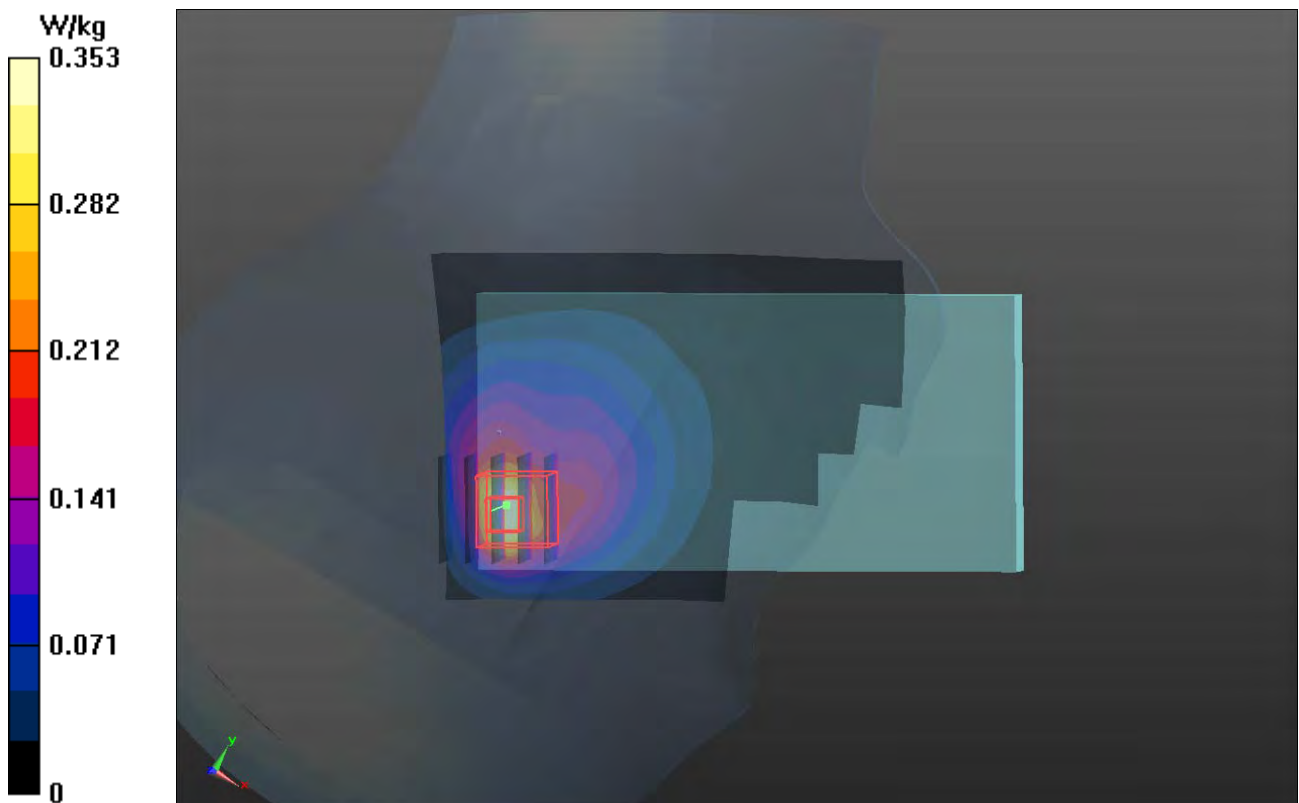
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.341 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.482 W/kg

**SAR(1 g) = 0.225 W/kg; SAR(10 g) = 0.126 W/kg**

Maximum value of SAR (measured) = 0.330 W/kg



## P10 802.11b\_Left Cheek\_Ch6

**DUT: 130805C28**

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

Medium: H2450\_0829 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.822$  S/m;  $\epsilon_r = 37.964$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(7.88, 7.88, 7.88); 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 1654
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 0.919 W/kg

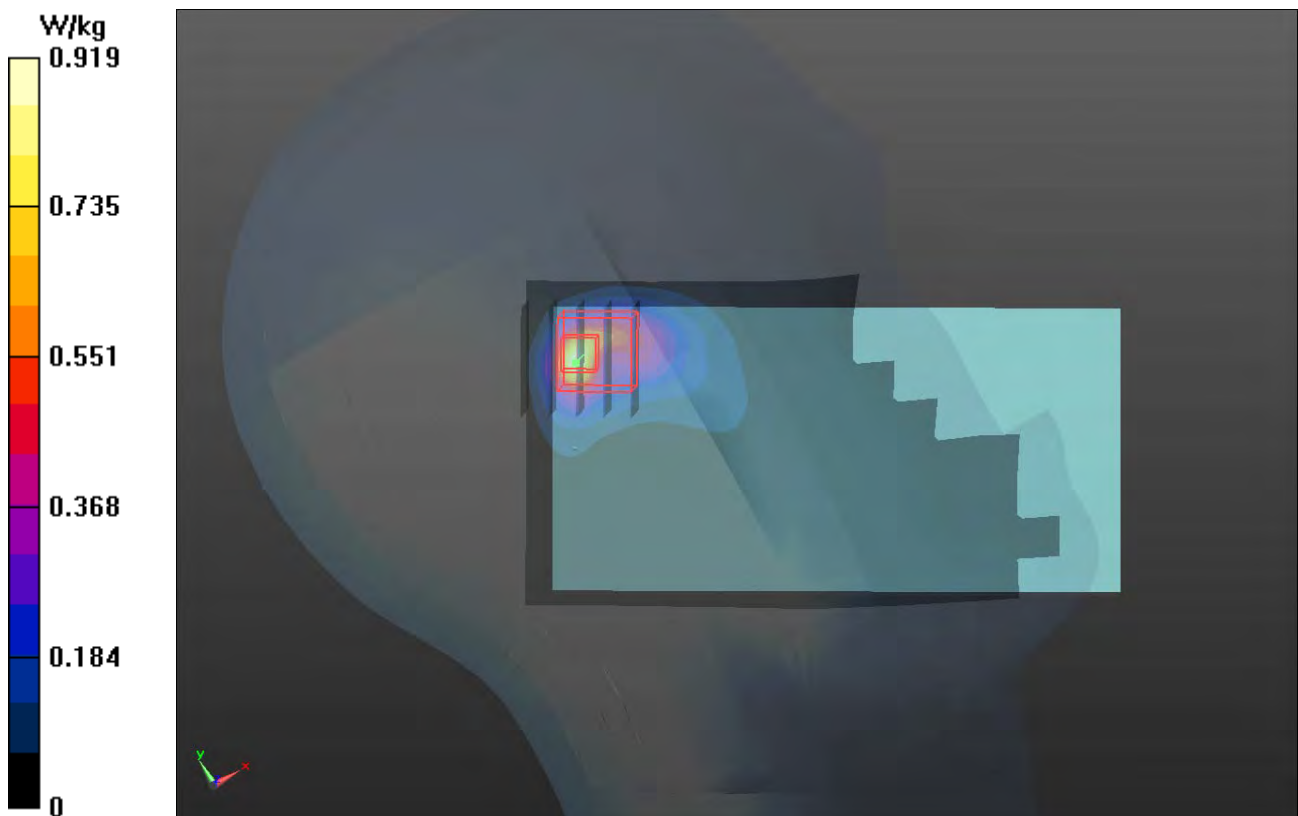
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.991 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.41 W/kg

**SAR(1 g) = 0.492 W/kg; SAR(10 g) = 0.194 W/kg**

Maximum value of SAR (measured) = 0.938 W/kg



## P11 802.11a\_Left Tilted\_Ch44

**DUT: 130805C28**

Communication System: WLAN\_5G; Frequency: 5220 MHz; Duty Cycle: 1:1.11

Medium: H5G\_0827 Medium parameters used:  $f = 5220$  MHz;  $\sigma = 4.801$  S/m;  $\epsilon_r = 35.84$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.5 °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: 2013/07/26
- Phantom: SAM Phantom\_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

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

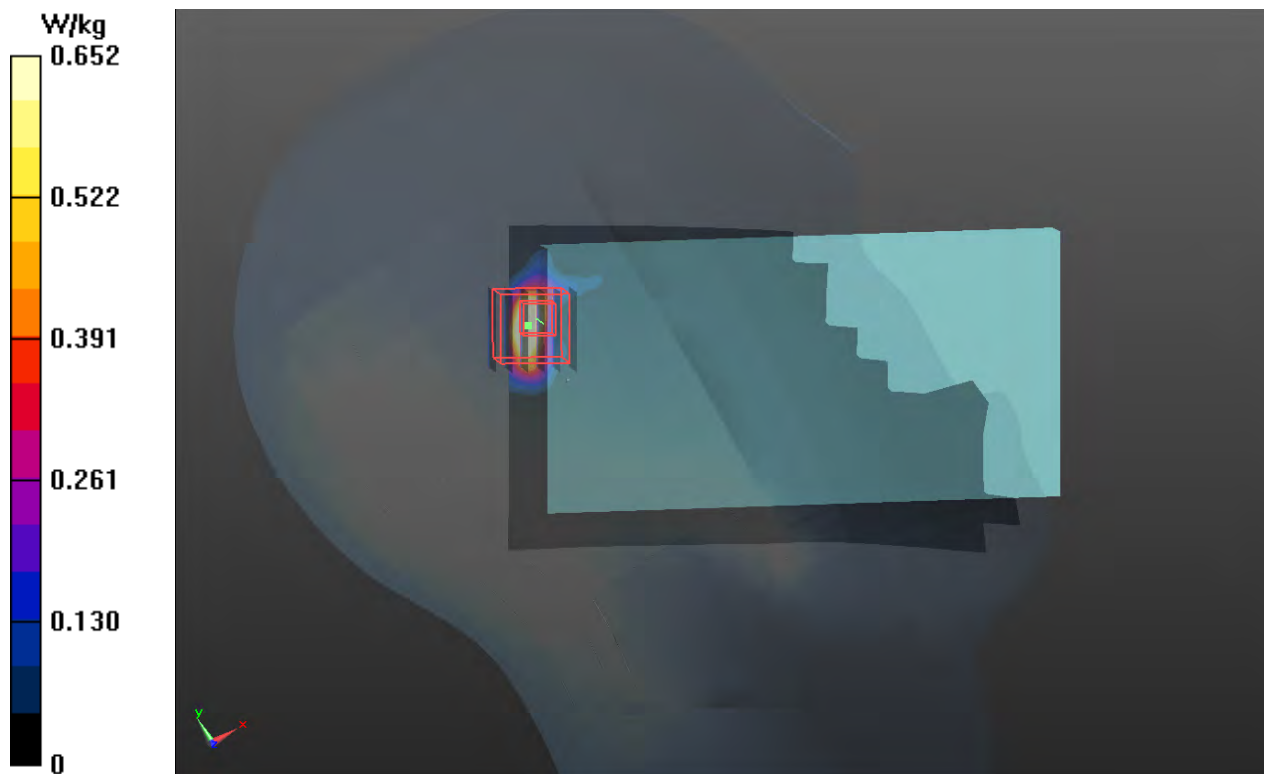
- **Zoom Scan (6x6x12)/Cube 0**: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 3.654 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.19 W/kg

**SAR(1 g) = 0.299 W/kg; SAR(10 g) = 0.094 W/kg**

Maximum value of SAR (measured) = 0.652 W/kg



## P12 802.11a\_Left Tilted\_Ch64

**DUT: 130805C28**

Communication System: WLAN; Frequency: 5320 MHz; Duty Cycle: 1:1.11

Medium: H5G\_0829 Medium parameters used:  $f = 5320$  MHz;  $\sigma = 4.967$  S/m;  $\epsilon_r = 35.657$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.9 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(5.61, 5.61, 5.61); Calibrated: 2013/02/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2013/01/30
- Phantom: SAM Phantom\_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (91x181x1)**: Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.673 W/kg

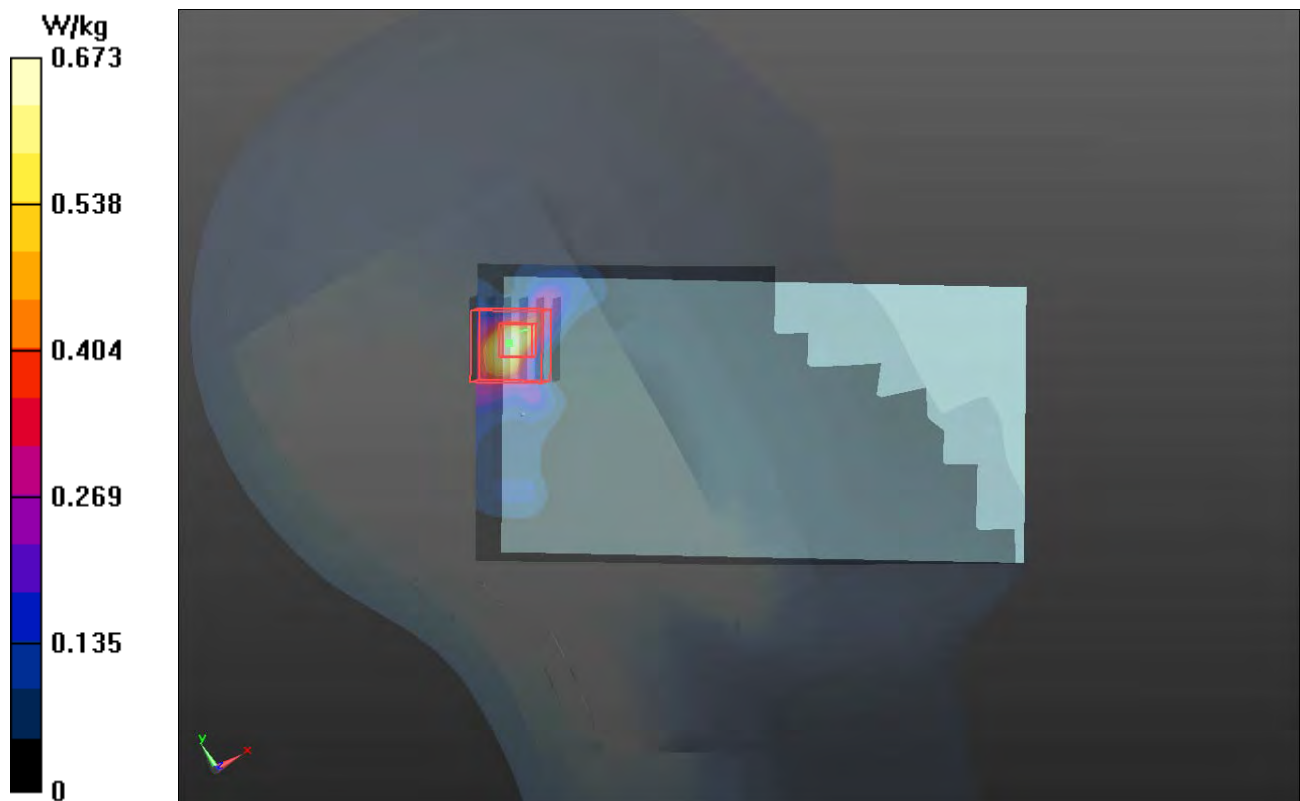
- **Zoom Scan (6x6x12)/Cube 0**: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 5.810 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.68 W/kg

**SAR(1 g) = 0.351 W/kg; SAR(10 g) = 0.109 W/kg**

Maximum value of SAR (measured) = 0.687 W/kg



## P13 802.11a\_Left Tilted\_Ch140

**DUT: 130805C28**

Communication System: WLAN; Frequency: 5700 MHz; Duty Cycle: 1:1.11

Medium: H5G\_0829 Medium parameters used:  $f = 5700$  MHz;  $\sigma = 5.391$  S/m;  $\epsilon_r = 34.996$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.9 °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\_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (91x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.928 W/kg

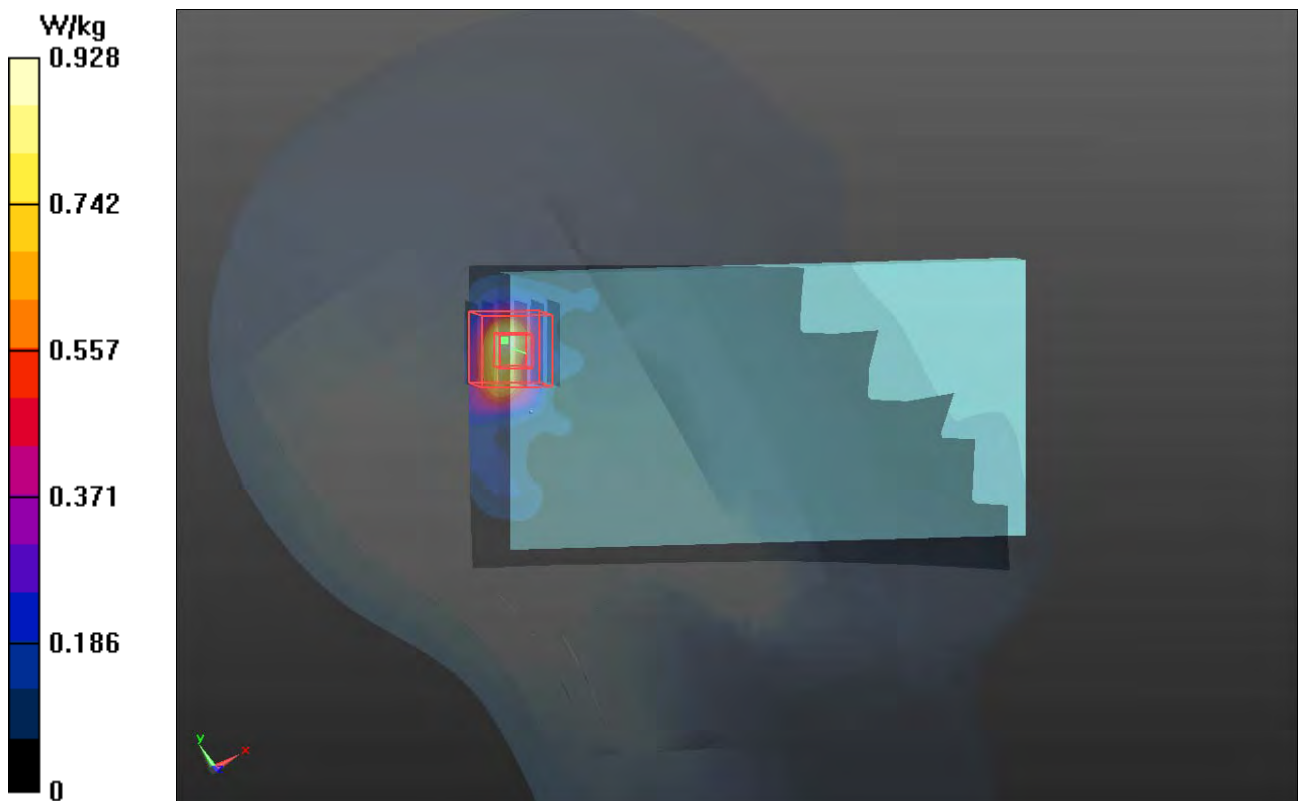
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 6.575 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.75 W/kg

**SAR(1 g) = 0.439 W/kg; SAR(10 g) = 0.135 W/kg**

Maximum value of SAR (measured) = 0.951 W/kg



## P14 802.11a\_Left Tilted\_Ch161

**DUT: 130805C28**

Communication System: WLAN\_5G; Frequency: 5805 MHz; Duty Cycle: 1:1.11

Medium: H5G\_0829 Medium parameters used:  $f = 5805$  MHz;  $\sigma = 5.508$  S/m;  $\epsilon_r = 34.814$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.9 °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\_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 0.829 W/kg

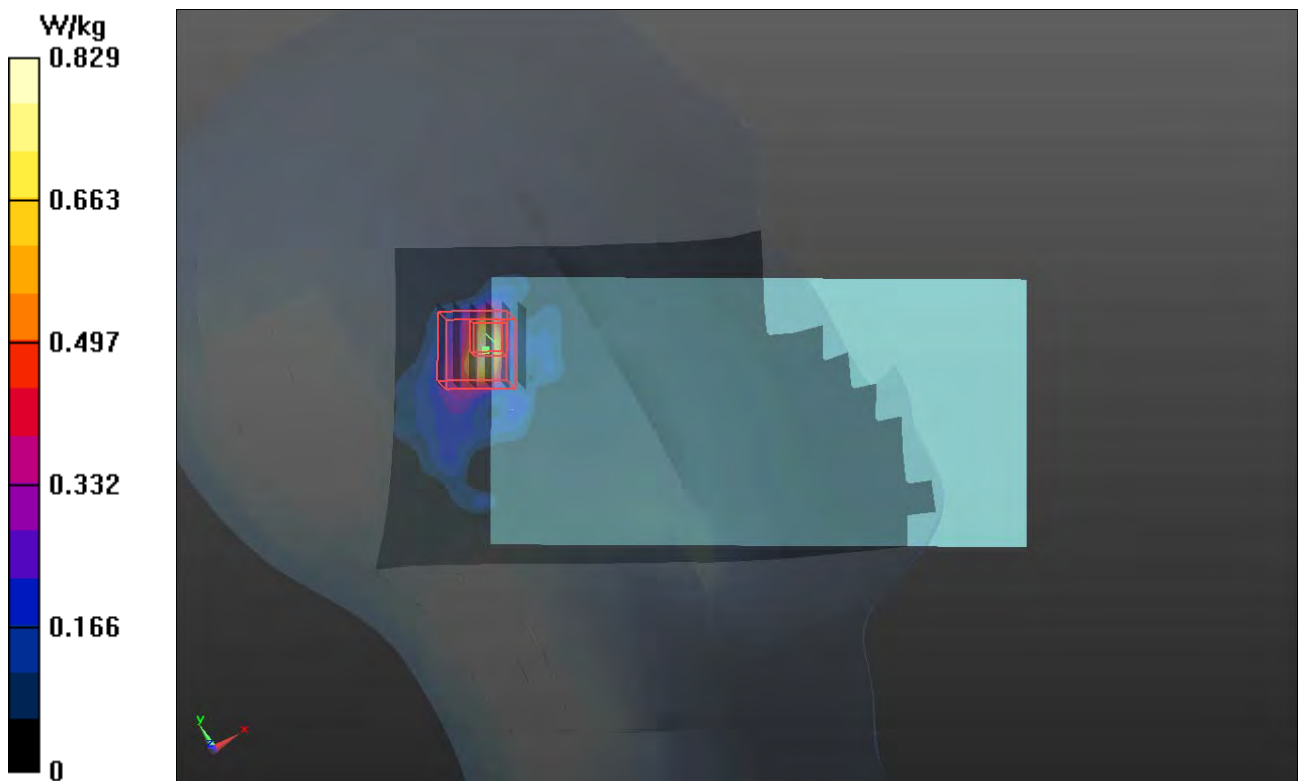
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 4.270 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 2.27 W/kg

**SAR(1 g) = 0.373 W/kg; SAR(10 g) = 0.120 W/kg**

Maximum value of SAR (measured) = 0.747 W/kg





## P15 GSM850\_GPRS10\_Rear Face\_1cm\_Ch251\_ANT0

**DUT: 130805C28**

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

Medium: B835\_0830 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.988$  S/m;  $\epsilon_r = 53.878$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.43, 10.43, 10.43); 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 1654
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (91x151x1):** Interpolated grid: dx=1.700 mm, dy=1.700 mm

Maximum value of SAR (interpolated) = 0.711 W/kg

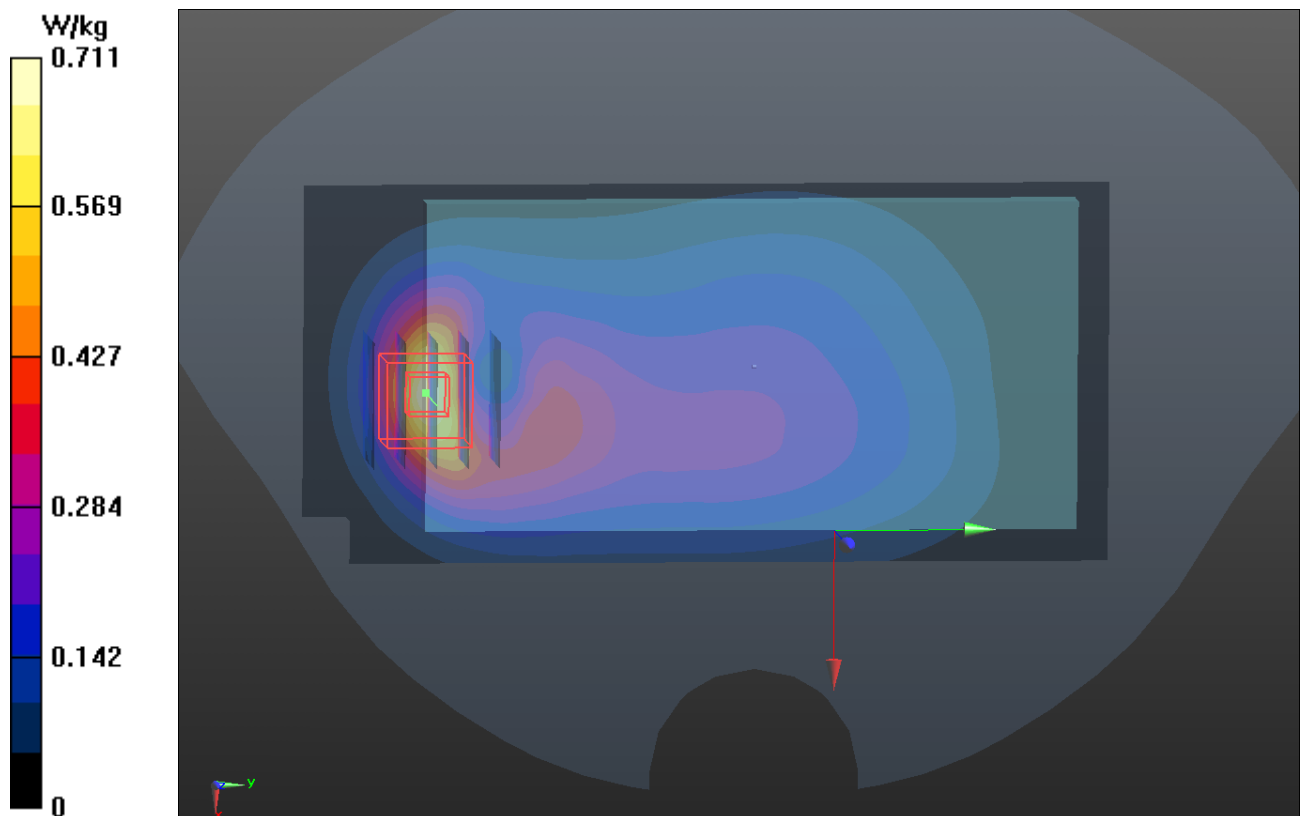
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.282 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.895 W/kg

**SAR(1 g) = 0.495 W/kg; SAR(10 g) = 0.269 W/kg**

Maximum value of SAR (measured) = 0.711 W/kg



## P16 GSM1900\_GPRS10\_Rear Face\_1cm\_Ch810\_ANT0

**DUT: 130805C28**

Communication System: GPRS10; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: B1900\_0830 Medium parameters used:  $f = 1909.8$  MHz;  $\sigma = 1.56$  S/m;  $\epsilon_r = 52.746$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.39, 8.39, 8.39); Calibrated: 2013/02/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2013/01/30
- Phantom: SAM Phantom\_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.601 W/kg

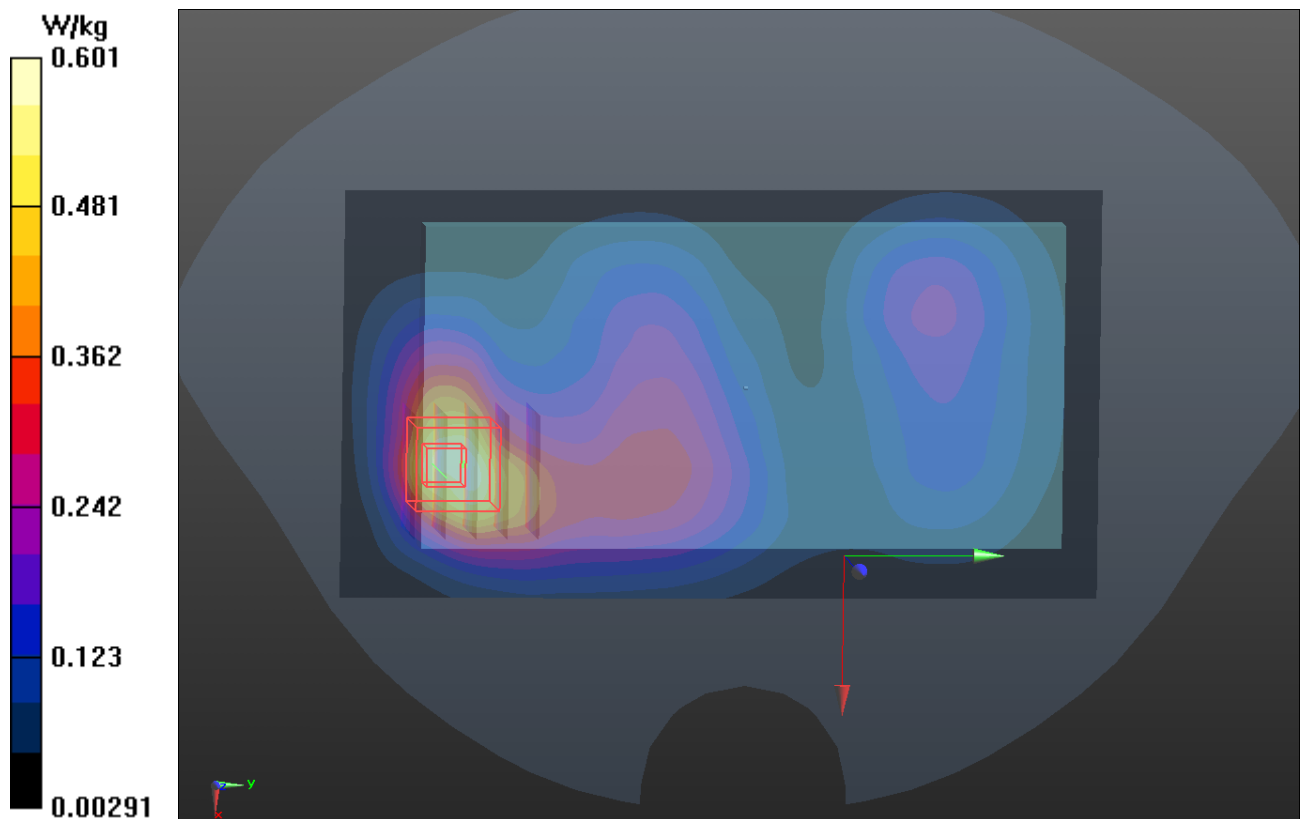
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.796 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.825 W/kg

**SAR(1 g) = 0.446 W/kg; SAR(10 g) = 0.241 W/kg**

Maximum value of SAR (measured) = 0.623 W/kg



## P17 WCDMA II\_RMC12.2K\_Rear Face\_1cm\_Ch9400\_ANT0

**DUT: 130805C28**

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

Medium: B1900\_0830 Medium parameters used:  $f = 1880.1$  MHz;  $\sigma = 1.523$  S/m;  $\epsilon_r = 52.837$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.39, 8.39, 8.39); Calibrated: 2013/02/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2013/01/30
- Phantom: SAM Phantom\_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (61x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.624 W/kg

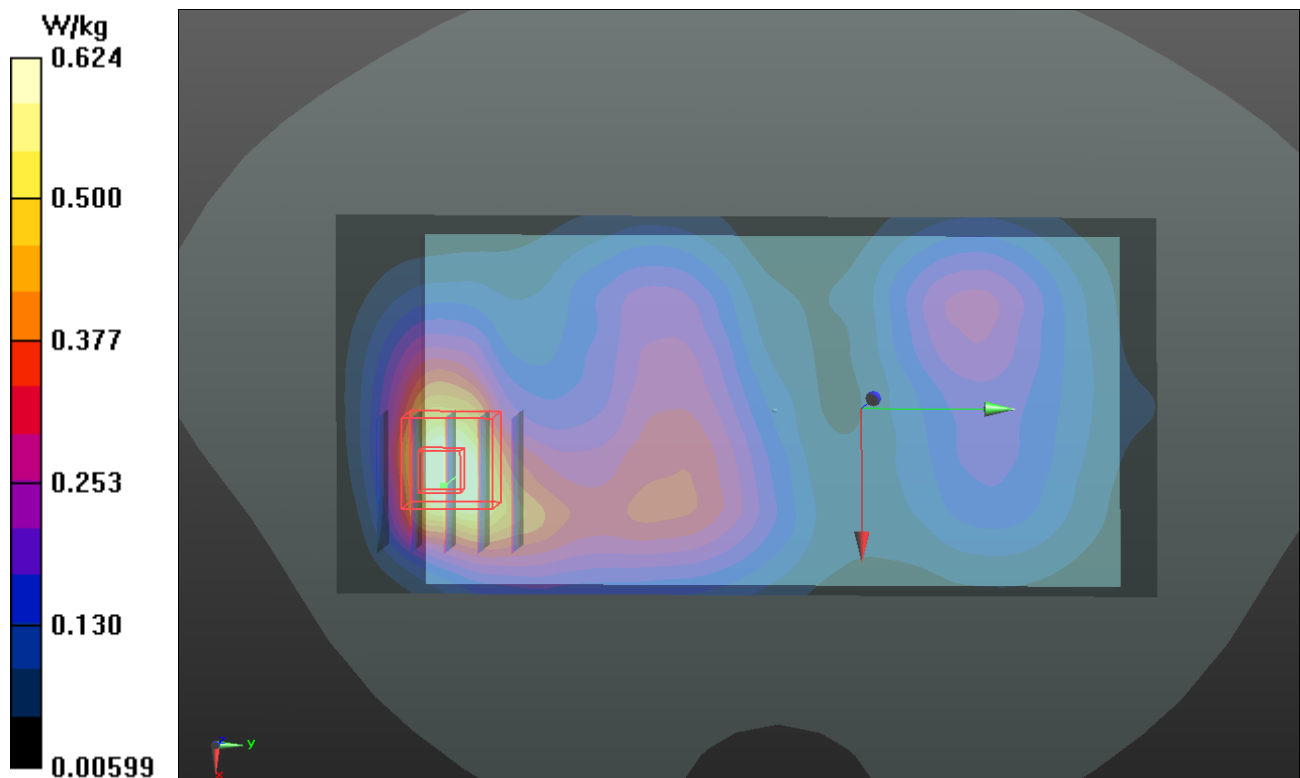
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.818 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.909 W/kg

**SAR(1 g) = 0.493 W/kg; SAR(10 g) = 0.262 W/kg**

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



## P18 WCDMA V\_RMC12.2K\_Reart Face\_1cm\_Ch4233\_ANT0

**DUT: 130805C28**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: B835\_0830 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.986$  S/m;  $\epsilon_r = 53.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.43, 10.43, 10.43); 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 1654
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (81x141x1):** Interpolated grid: dx=1.700 mm, dy=1.700 mm

Maximum value of SAR (interpolated) = 0.431 W/kg

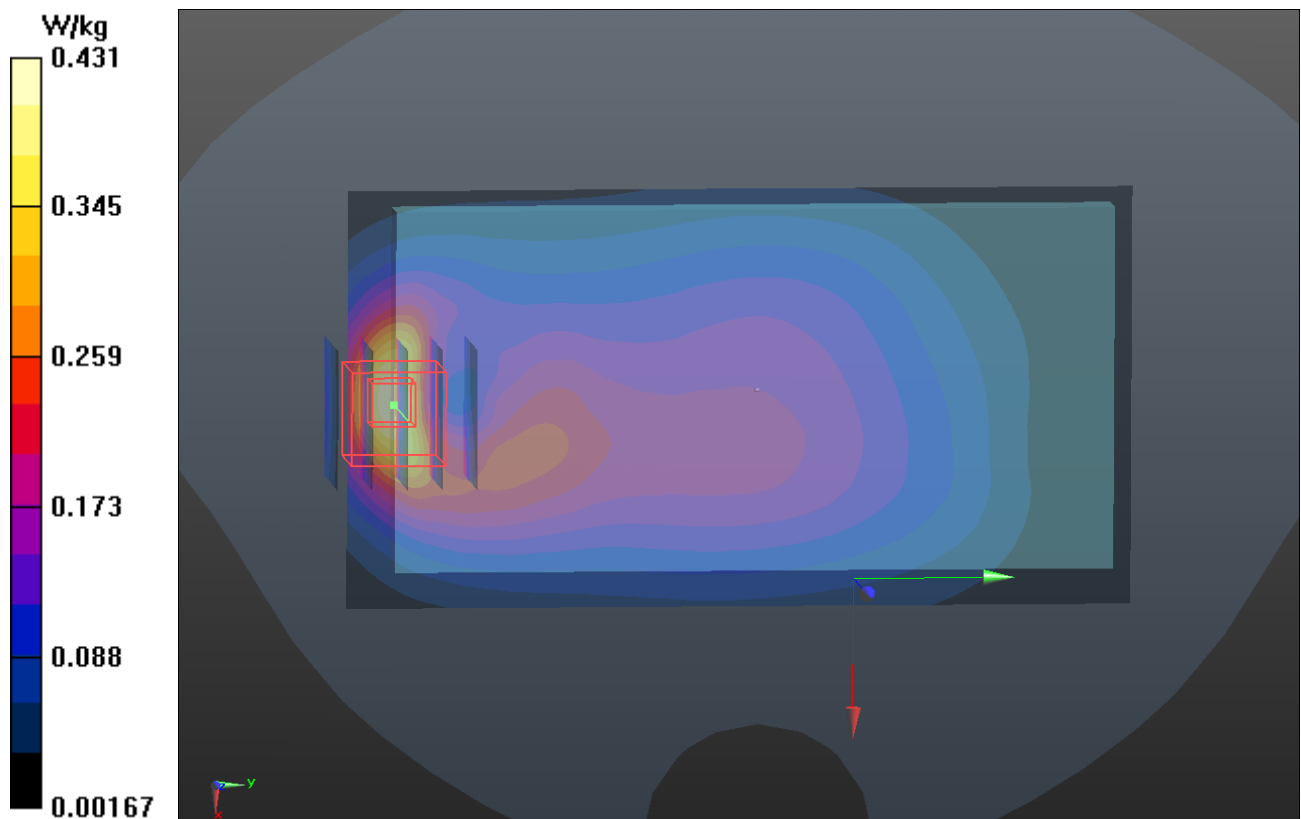
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.807 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.560 W/kg

**SAR(1 g) = 0.313 W/kg; SAR(10 g) = 0.171 W/kg**

Maximum value of SAR (measured) = 0.444 W/kg



## P19 LTE 2\_QPSK\_20M\_Rear Face\_1cm\_Ch18900\_ANT0\_1RB\_OS50

**DUT: 130805C28**

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

Medium: B1900\_0827 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.533$  S/m;  $\epsilon_r = 53.495$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.87, 7.87, 7.87); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2013/04/24
- Phantom: SAM Phantom\_Front; Type: SAM V4.0; Serial: TP 1653
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.702 W/kg

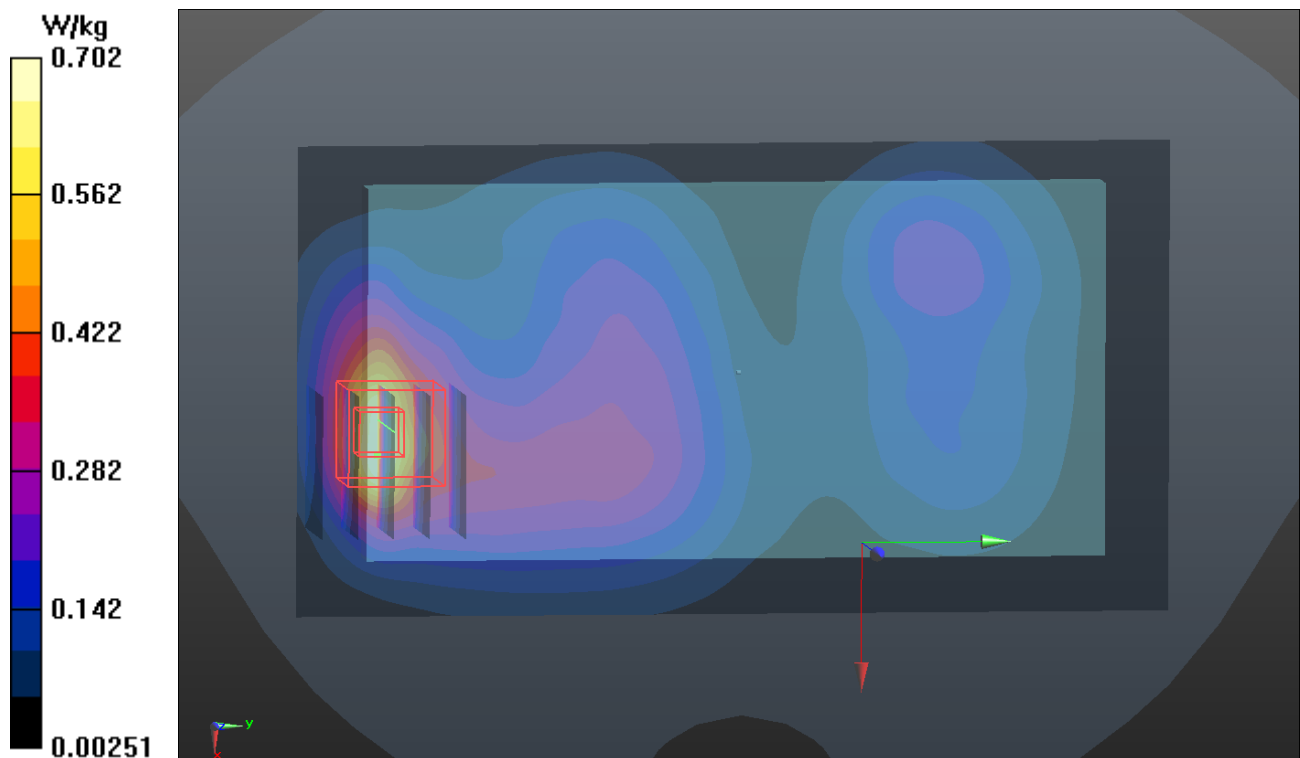
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.788 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.821 W/kg

**SAR(1 g) = 0.464 W/kg; SAR(10 g) = 0.250 W/kg**

Maximum value of SAR (measured) = 0.652 W/kg



## P20 LTE 4\_QPSK\_20M\_Rear Face\_1cm\_Ch20300\_ANT0\_1RB\_OS50

**DUT: 130805C28**

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: B1750\_0830 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.464$  S/m;  $\epsilon_r = 53.792$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.63, 8.63, 8.63); Calibrated: 2013/02/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2013/01/30
- Phantom: SAM Phantom\_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (81x151x1):** Interpolated grid: dx=1.700 mm, dy=1.700 mm

Maximum value of SAR (interpolated) = 0.740 W/kg

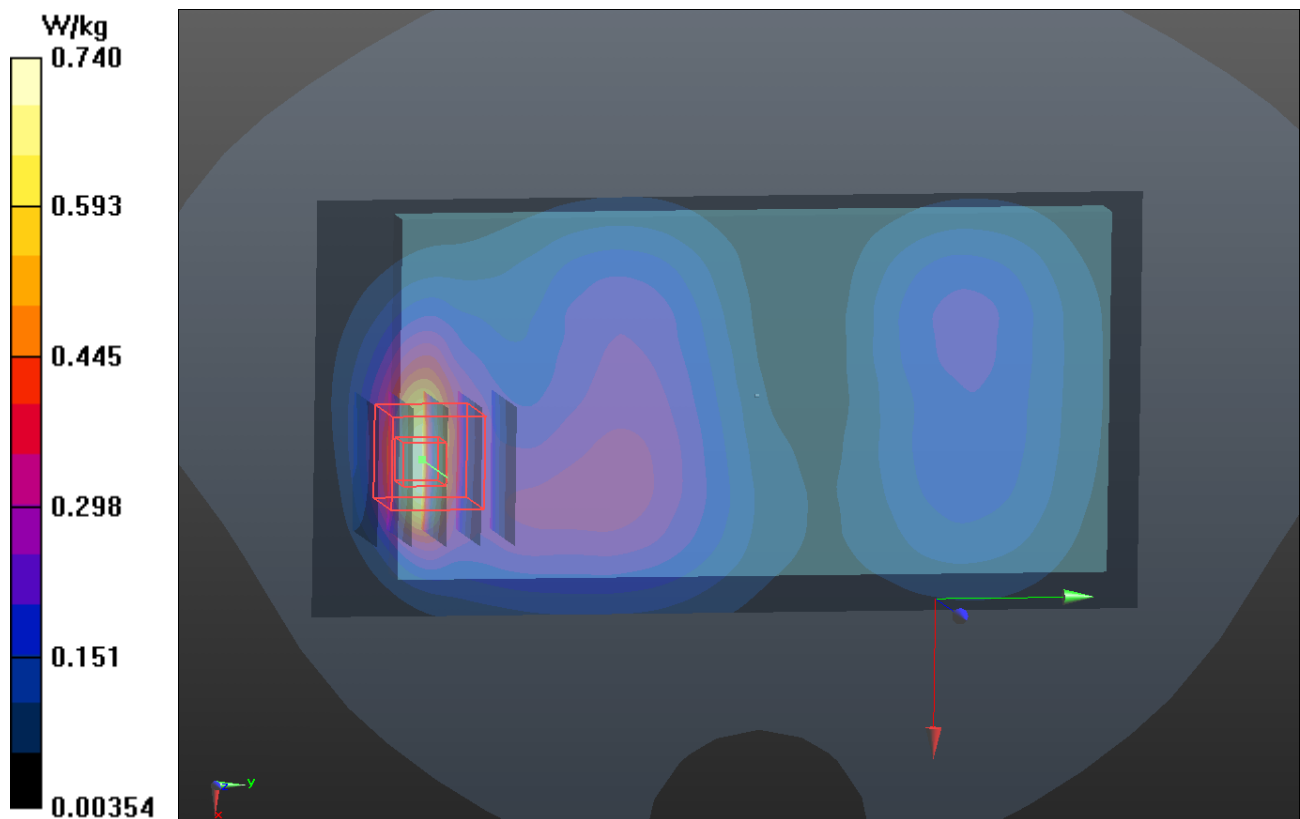
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.871 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.881 W/kg

**SAR(1 g) = 0.500 W/kg; SAR(10 g) = 0.261 W/kg**

Maximum value of SAR (measured) = 0.716 W/kg





## P21 LTE 5\_QPSK\_10M\_Front Face\_1cm\_Ch20450\_ANT0\_1RB\_OS0

**DUT: 130805C28**

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

Medium: B835\_0831 Medium parameters used:  $f = 829$  MHz;  $\sigma = 0.966$  S/m;  $\epsilon_r = 54.264$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.43, 10.43, 10.43); 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 1654
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (61x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.289 W/kg

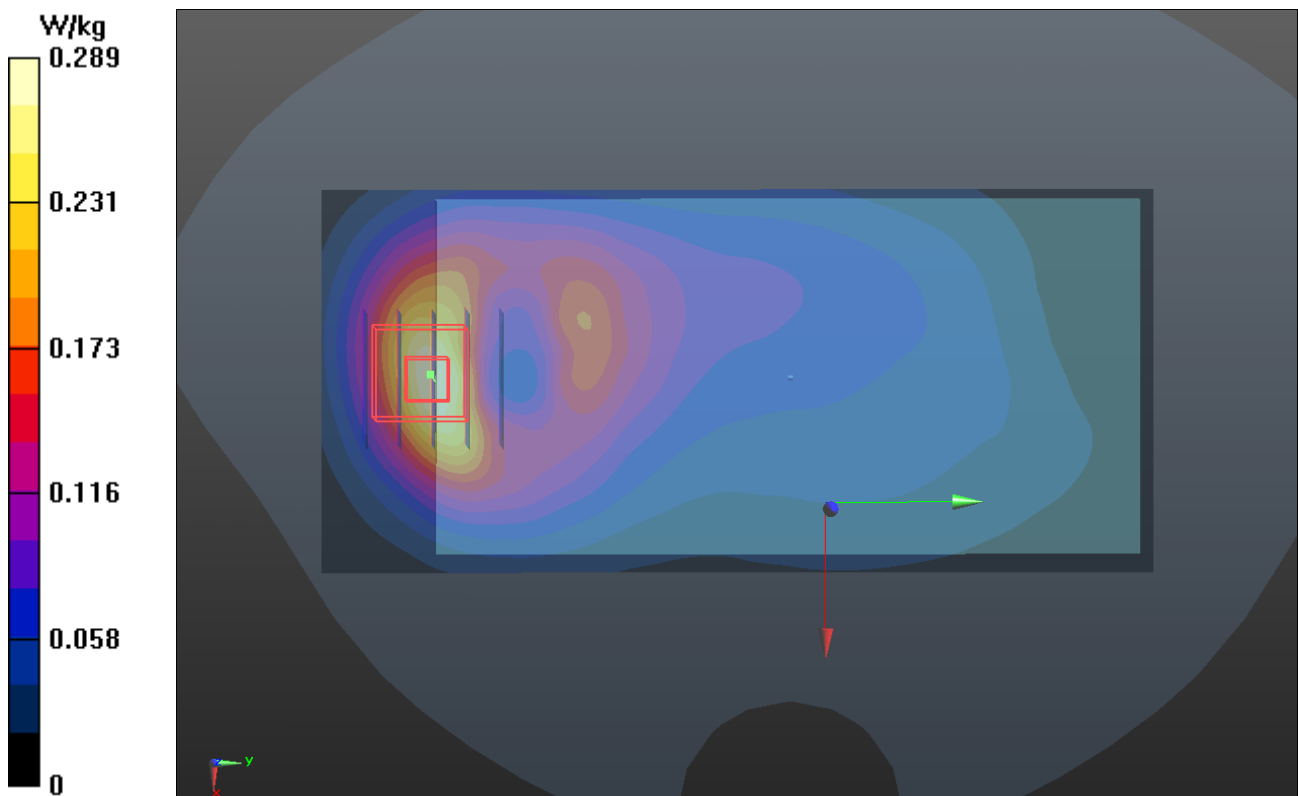
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.617 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.377 W/kg

**SAR(1 g) = 0.228 W/kg; SAR(10 g) = 0.131 W/kg**

Maximum value of SAR (measured) = 0.306 W/kg



## P22 LTE 7\_QPSK\_20M\_Front Face\_1cm\_Ch21100\_ANT0\_1RB\_OS99

**DUT: 130805C28**

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

Medium: B2600\_0831 Medium parameters used:  $f = 2535$  MHz;  $\sigma = 2.09$  S/m;  $\epsilon_r = 52.286$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(6.91, 6.91, 6.91); Calibrated: 2013/04/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom\_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (81x171x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.453 W/kg

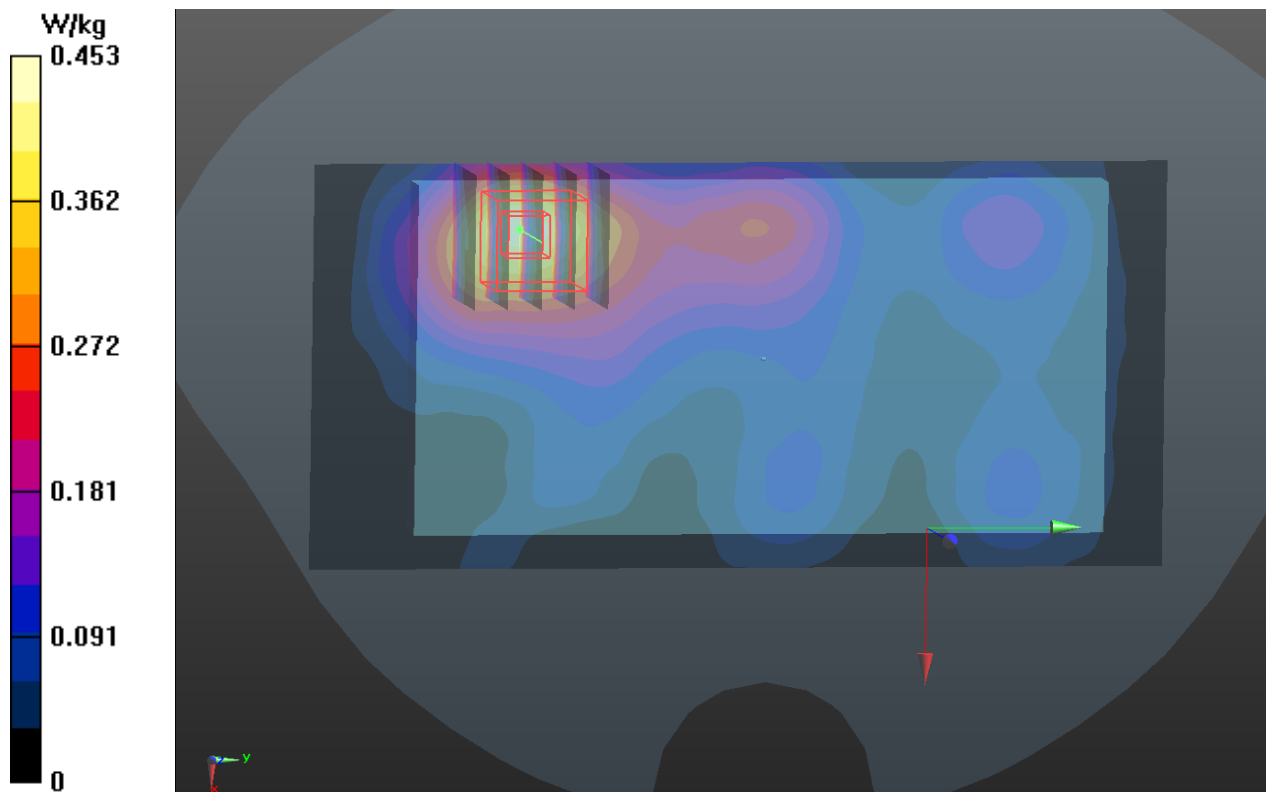
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.529 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.592 W/kg

**SAR(1 g) = 0.319 W/kg; SAR(10 g) = 0.174 W/kg**

Maximum value of SAR (measured) = 0.448 W/kg



## P23 LTE 17\_QPSK\_10M\_Rear Face\_1cm\_Ch23800\_ANT0\_1RB\_OS49

**DUT: 130805C28**

Communication System: LTE; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: B750\_0831 Medium parameters used:  $f = 711$  MHz;  $\sigma = 0.933$  S/m;  $\epsilon_r = 55.577$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.6, 10.6, 10.6); 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 1654
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (61x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.218 W/kg

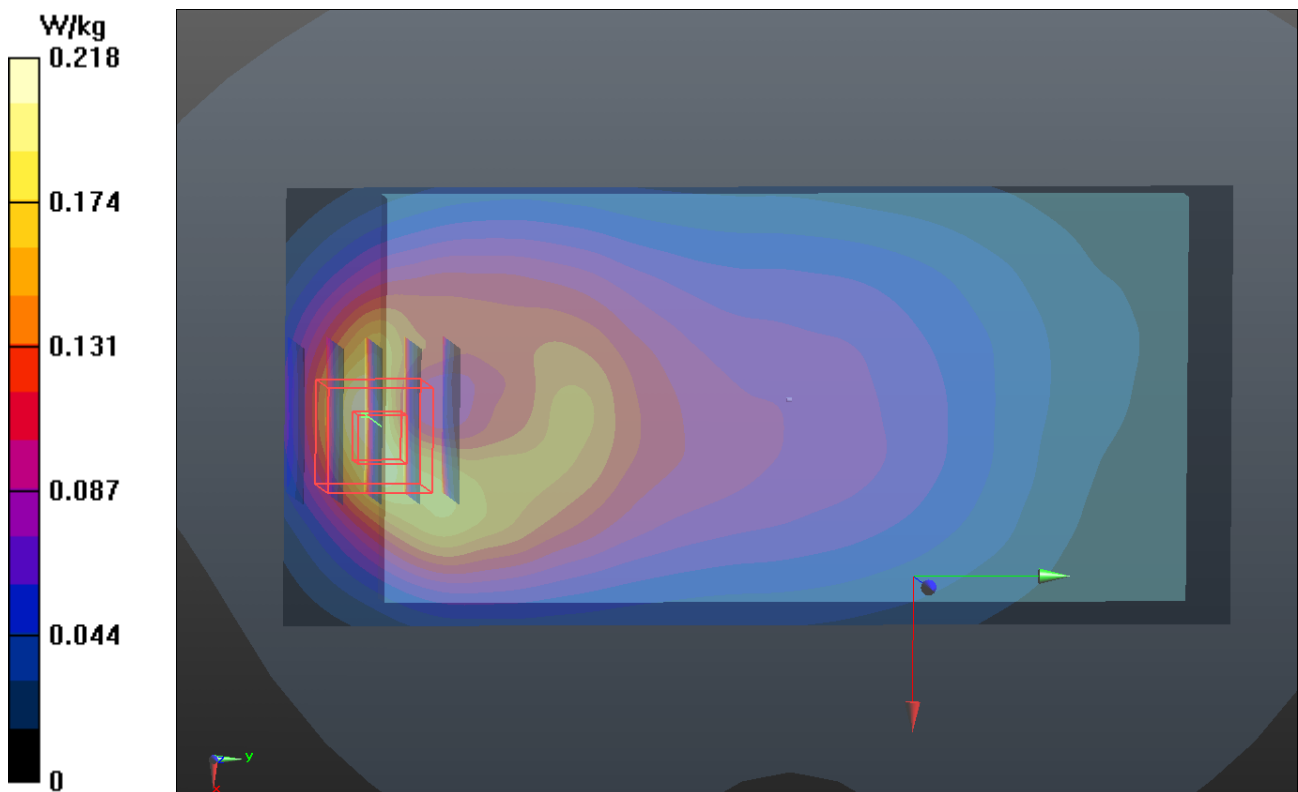
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.736 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.304 W/kg

**SAR(1 g) = 0.172 W/kg; SAR(10 g) = 0.098 W/kg**

Maximum value of SAR (measured) = 0.217 W/kg



## P24 802.11b\_Front Face\_1cm\_Ch6

**DUT: 130805C28**

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

Medium: B2450\_0831 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.958$  S/m;  $\epsilon_r = 51.427$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.1 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.4, 7.4, 7.4); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2013/04/24
- Phantom: ELI v4.0\_Right; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (81x161x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.158 W/kg

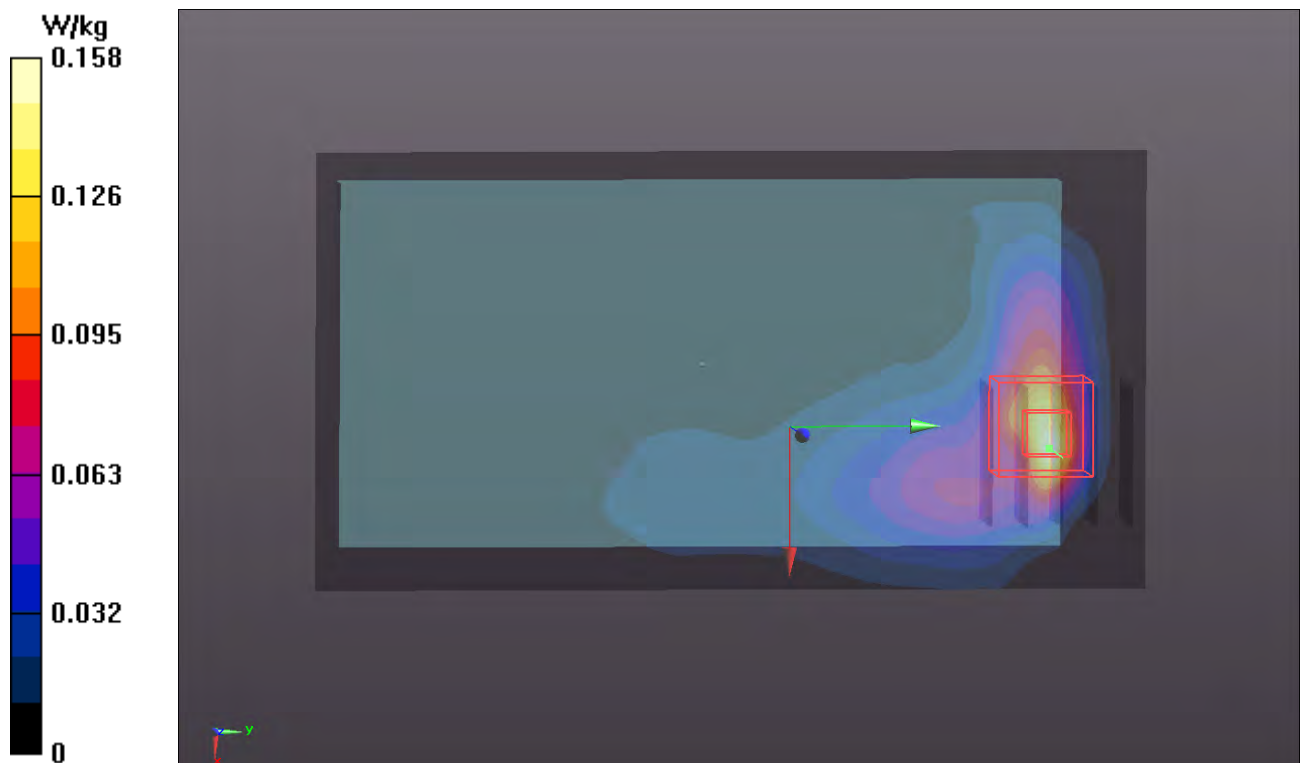
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.321 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.211 W/kg

**SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.042 W/kg**

Maximum value of SAR (measured) = 0.156 W/kg



## P25 802.11a\_Front Face\_1cm\_Ch44

**DUT: 130805C28**

Communication System: WLAN\_5G; Frequency: 5220 MHz; Duty Cycle: 1:1.11

Medium: B5G\_0830 Medium parameters used:  $f = 5220$  MHz;  $\sigma = 5.433$  S/m;  $\epsilon_r = 47.449$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(4.51, 4.51, 4.51); Calibrated: 2013/04/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom\_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 0.217 W/kg

- **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) = 0.635 W/kg

**SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.018 W/kg**

Maximum value of SAR (measured) = 0.128 W/kg



## P26 802.11a\_Rear Face\_1cm\_Ch64

**DUT: 130805C28**

Communication System: WLAN\_5G; Frequency: 5320 MHz; Duty Cycle: 1:1.11

Medium: B5G\_0830 Medium parameters used:  $f = 5320$  MHz;  $\sigma = 5.571$  S/m;  $\epsilon_r = 47.246$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.3 °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: 2013/07/26
- Phantom: SAM Phantom\_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 0.130 W/kg

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

Reference Value = 0 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.227 W/kg

**SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.021 W/kg**

Maximum value of SAR (measured) = 0.142 W/kg





## P27 802.11a\_Rear Face\_1cm\_Ch140

**DUT: 130805C28**

Communication System: WLAN\_5G; Frequency: 5700 MHz; Duty Cycle: 1:1.11

Medium: B5G\_0831 Medium parameters used:  $f = 5700$  MHz;  $\sigma = 6.113$  S/m;  $\epsilon_r = 46.689$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.2 °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: 2013/07/26
- Phantom: SAM Phantom\_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 0.0716 W/kg

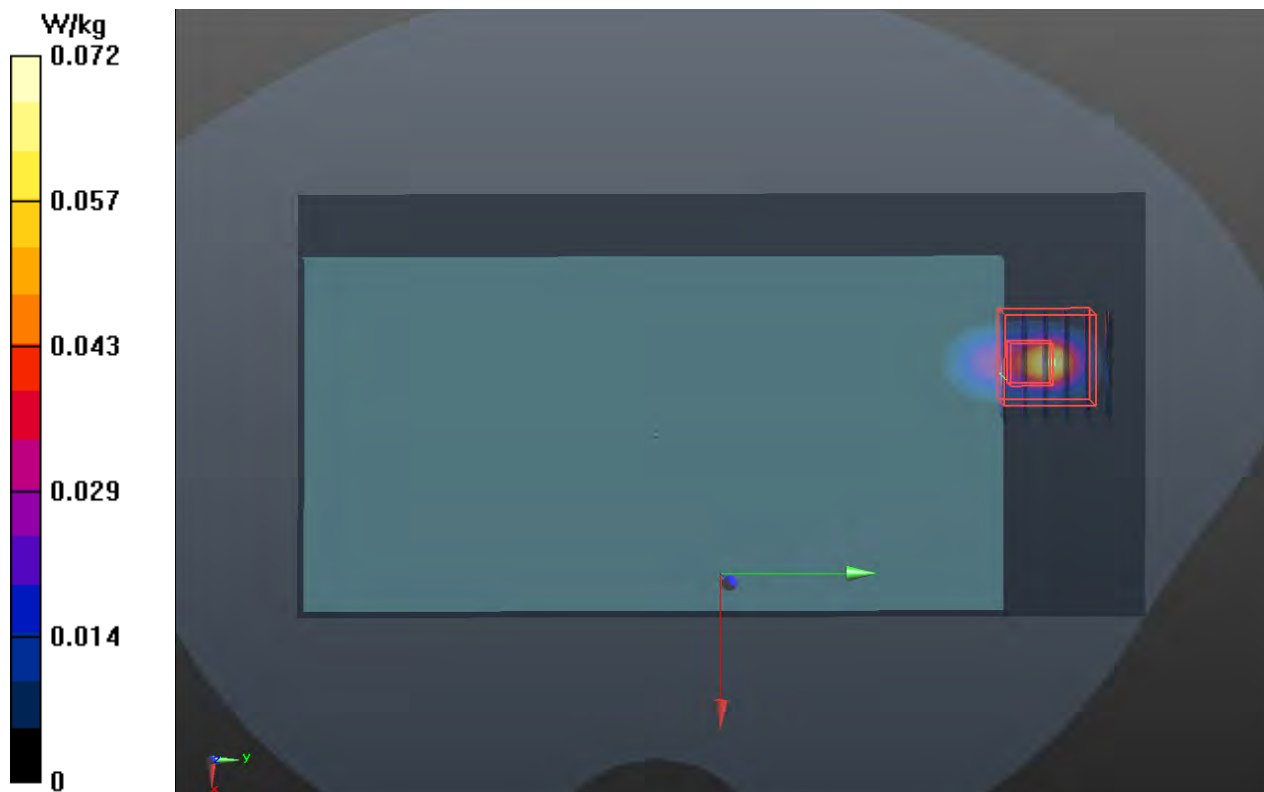
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

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

Peak SAR (extrapolated) = 0.540 W/kg

**SAR(1 g) = 0.047 W/kg; SAR(10 g) = 0.017 W/kg**

Maximum value of SAR (measured) = 0.0929 W/kg



## P28 802.11a\_Rear Face\_1cm\_Ch161

**DUT: 130805C28**

Communication System: WLAN\_5G; Frequency: 5805 MHz; Duty Cycle: 1:1.11

Medium: B5G\_0831 Medium parameters used:  $f = 5805$  MHz;  $\sigma = 6.199$  S/m;  $\epsilon_r = 46.632$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.1 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(3.93, 3.93, 3.93); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2013/04/24
- Phantom: SAM Phantom\_Front; Type: SAM V4.0; Serial: TP 1653
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 0.0766 W/kg

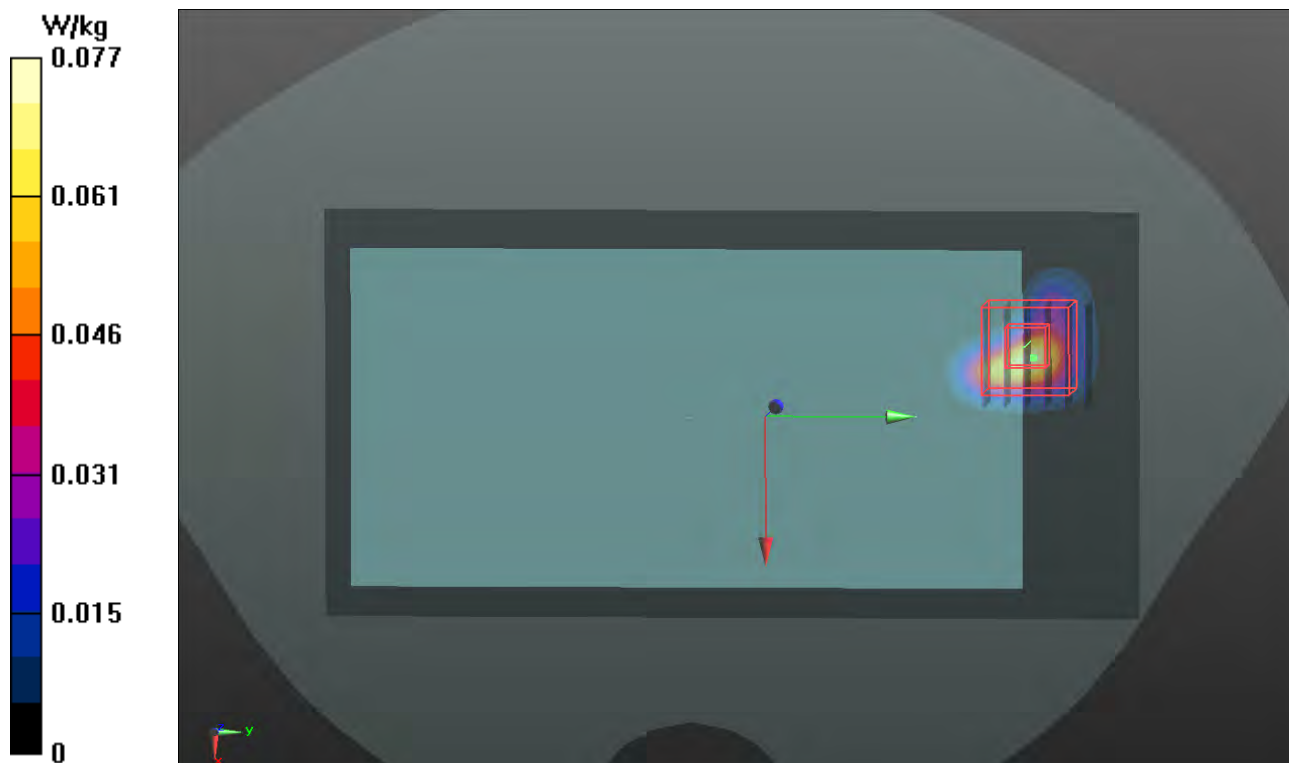
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

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

Peak SAR (extrapolated) = 0.662 W/kg

**SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.021 W/kg**

Maximum value of SAR (measured) = 0.0842 W/kg



## P29 802.11a\_Top Side\_0cm\_Ch44

**DUT: 130805C28**

Communication System: WLAN\_5G; Frequency: 5220 MHz; Duty Cycle: 1:1.11

Medium: B5G\_0830 Medium parameters used:  $f = 5220$  MHz;  $\sigma = 5.433$  S/m;  $\epsilon_r = 47.449$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(4.51, 4.51, 4.51); Calibrated: 2013/04/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom\_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (381x321x1)**: Interpolated grid: dx=2.470 mm, dy=3.000 mm

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

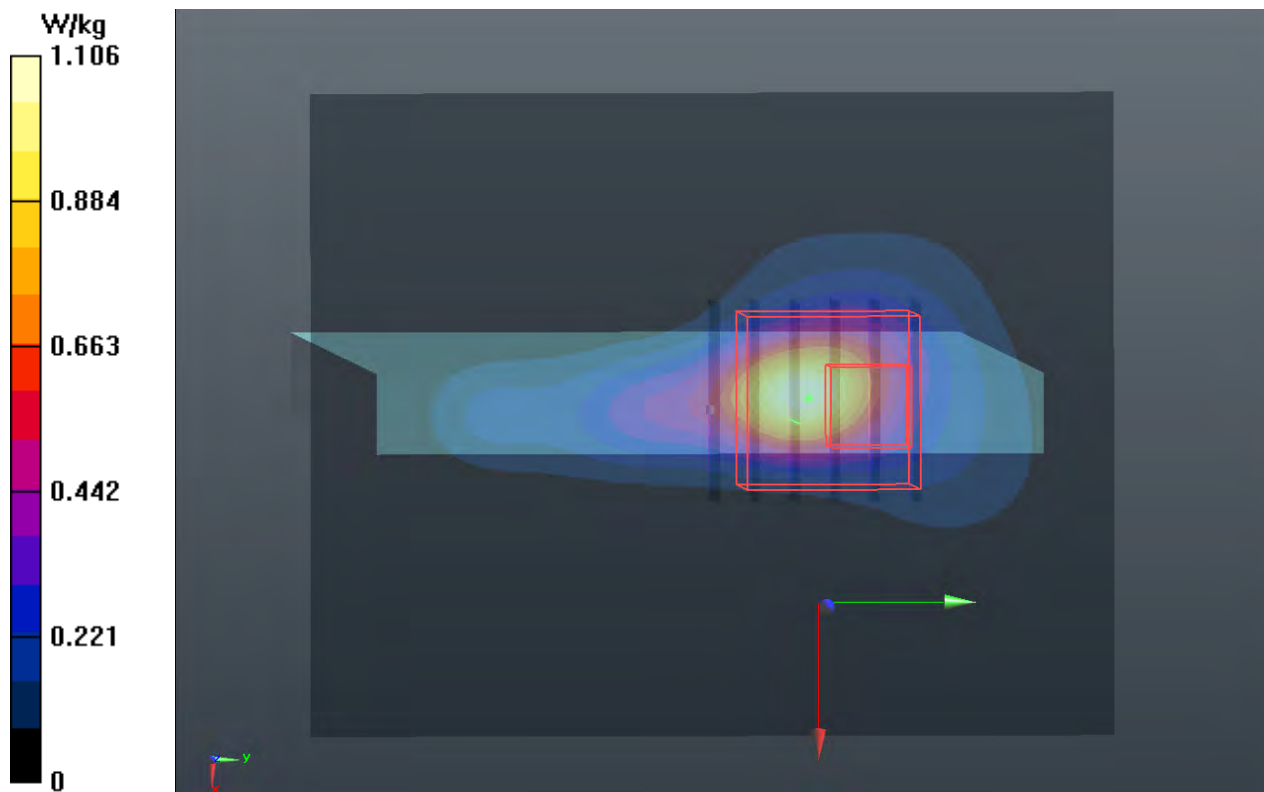
- **Zoom Scan (6x6x12)/Cube 0**: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 9.388 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.97 W/kg

**SAR(1 g) = 0.681 W/kg; SAR(10 g) = 0.189 W/kg**

Maximum value of SAR (measured) = 1.58 W/kg



### P30 802.11a\_Top Side\_0cm\_Ch64

**DUT: 130805C28**

Communication System: WLAN\_5G; Frequency: 5320 MHz; Duty Cycle: 1:1.11

Medium: B5G\_0830 Medium parameters used:  $f = 5320$  MHz;  $\sigma = 5.571$  S/m;  $\epsilon_r = 47.246$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.3 °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: 2013/07/26
- Phantom: SAM Phantom\_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (381x101x1):** Interpolated grid: dx=2.470 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.695 W/kg

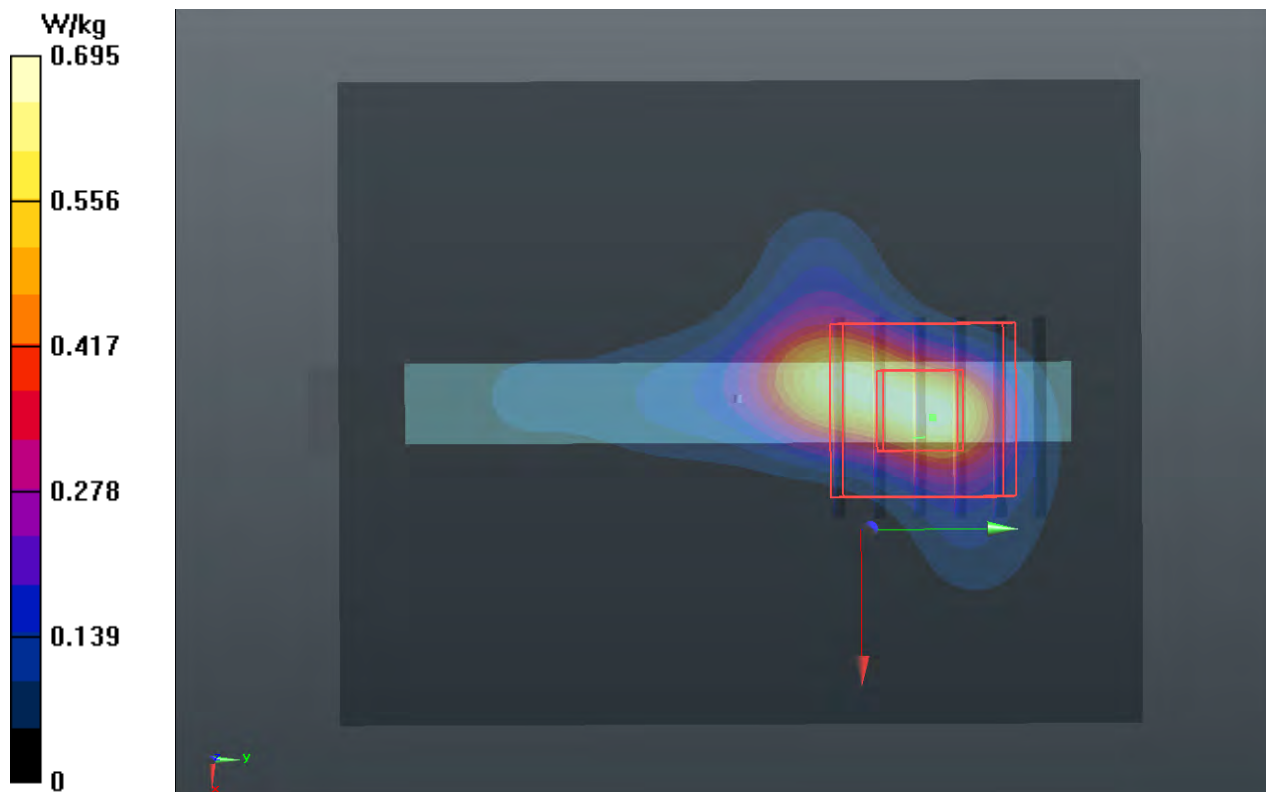
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 6.044 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 4.83 W/kg

**SAR(1 g) = 0.924 W/kg; SAR(10 g) = 0.240 W/kg**

Maximum value of SAR (measured) = 2.26 W/kg



## P31 802.11a\_Top Side\_0cm\_Ch140

### DUT: 130805C28

Communication System: WLAN\_5G; Frequency: 5700 MHz; Duty Cycle: 1:1.11

Medium: B5G\_0831 Medium parameters used:  $f = 5700$  MHz;  $\sigma = 6.113$  S/m;  $\epsilon_r = 46.689$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.2 °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: 2013/07/26
- Phantom: SAM Phantom\_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (161x101x1)**: Interpolated grid: dx=0.250 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.00 W/kg

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

Reference Value = 9.842 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 6.00 W/kg

**SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.244 W/kg**

Maximum value of SAR (measured) = 2.27 W/kg

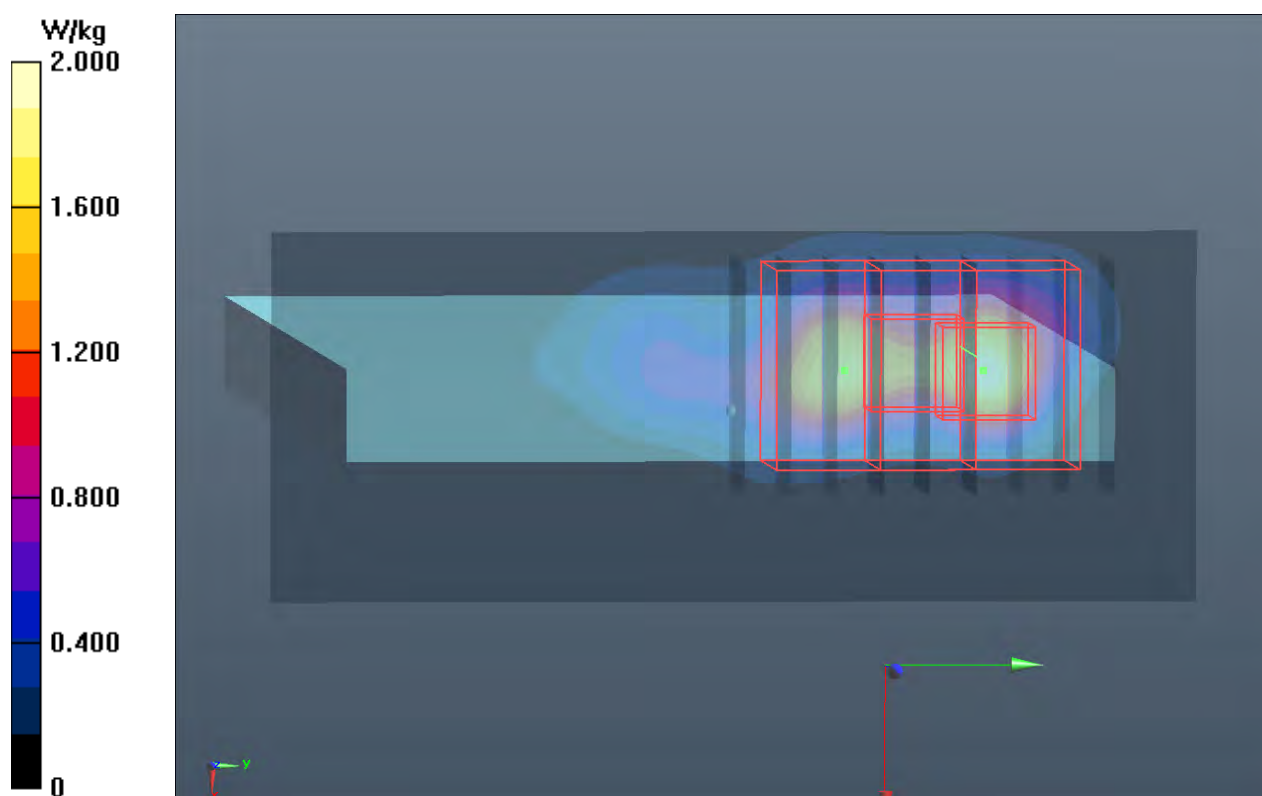
- **Zoom Scan (6x6x12)/Cube 1**: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 9.842 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 5.02 W/kg

**SAR(1 g) = 0.623 W/kg; SAR(10 g) = 0.202 W/kg**

Maximum value of SAR (measured) = 2.28 W/kg



## P32 802.11a\_Top Side\_0cm\_Ch161

**DUT: 130805C28**

Communication System: WLAN\_5G; Frequency: 5805 MHz; Duty Cycle: 1:1.11

Medium: B5G\_0831 Medium parameters used:  $f = 5805$  MHz;  $\sigma = 6.199$  S/m;  $\epsilon_r = 46.632$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.1 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(3.93, 3.93, 3.93); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2013/04/24
- Phantom: SAM Phantom\_Front; Type: SAM V4.0; Serial: TP 1653
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (341x101x1):** Interpolated grid: dx=2.470 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.904 W/kg

- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm  
Reference Value = 10.301 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 7.18 W/kg  
**SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.238 W/kg**  
Maximum value of SAR (measured) = 2.52 W/kg

