

## P30 GSM850\_GPRS12\_Rear Face\_1cm\_Ch189\_Ant 0

**DUT: 200106W008**

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

Medium: HSL835\_0118 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.89$  S/m;  $\epsilon_r = 40.74$ ;  $\rho = 1000$  kg/m<sup>3</sup>

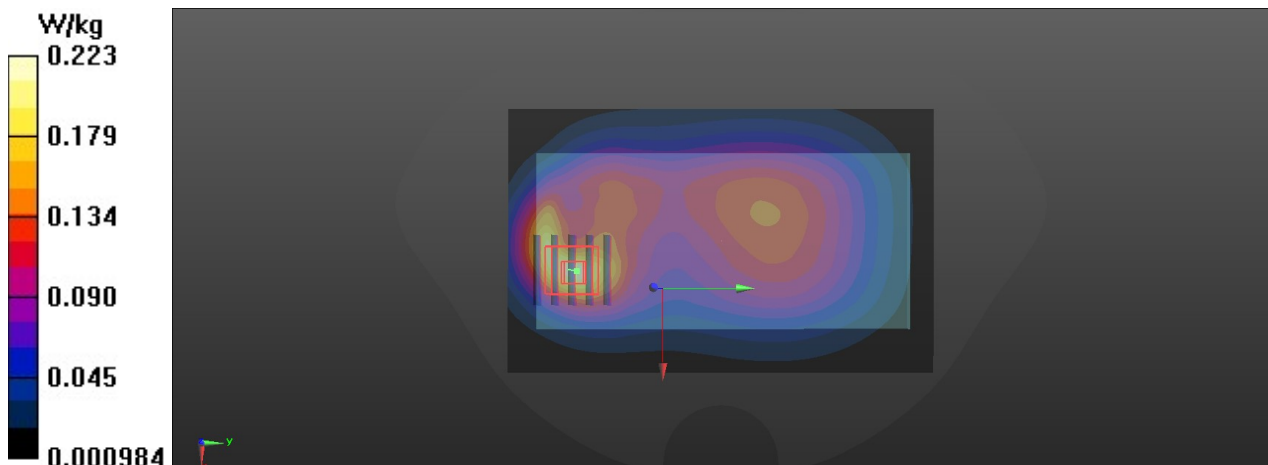
Ambient Temperature : 23.1°C; Liquid Temperature : 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(9.74, 9.74, 9.74) @ 836.4 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 9/11/2019
- Phantom: Twin-SAM (Left); Type: QD 000 P41 AA; Serial: 1988
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

- **Area Scan (81x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.223 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 10.35 V/m; Power Drift = 0.03 dB  
Peak SAR (extrapolated) = 0.259 W/kg  
**SAR(1 g) = 0.146 W/kg; SAR(10 g) = 0.086 W/kg**  
Maximum value of SAR (measured) = 0.217 W/kg



### P31 GSM1900\_GPRS11\_Bottom Side\_1cm\_Ch661\_Ant 0

**DUT: 200106W008**

Communication System: GPRS11 ; Frequency: 1880 MHz; Duty Cycle: 1:2.67

Medium: HSL1900\_0120 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.436$  S/m;  $\epsilon_r = 40.32$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.8°C; Liquid Temperature : 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(8.22, 8.22, 8.22) @ 1880 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 9/11/2019
- Phantom: Twin-SAM (Left); Type: QD 000 P41 AA; Serial: 1988
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 0.629 W/kg

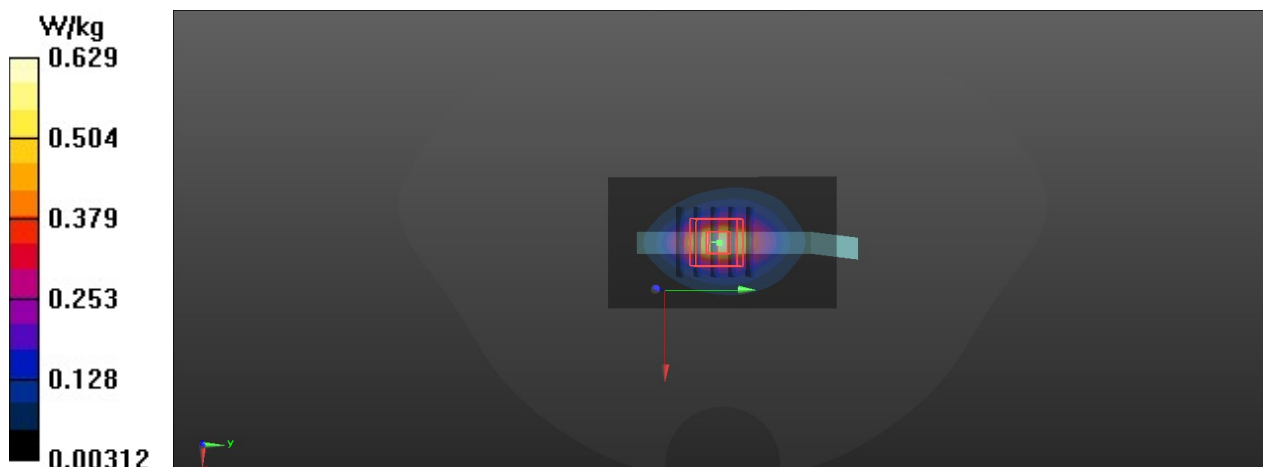
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.31 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.710 W/kg

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

Maximum value of SAR (measured) = 0.598 W/kg



### P32 WCDMA II\_RMC12.2K\_Bottom Side\_1cm\_Ch9262\_Ant 0

**DUT: 200106W008**

Communication System: WCDMA ; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL1900\_0120 Medium parameters used :  $f = 1852.4 \text{ MHz}$ ;  $\sigma = 1.407 \text{ S/m}$ ;  $\epsilon_r = 40.465$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.8°C; Liquid Temperature : 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(8.22, 8.22, 8.22) @ 1852.4 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 9/11/2019
- Phantom: Twin-SAM (Left); Type: QD 000 P41 AA; Serial: 1988
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

- **Area Scan (41x71x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

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

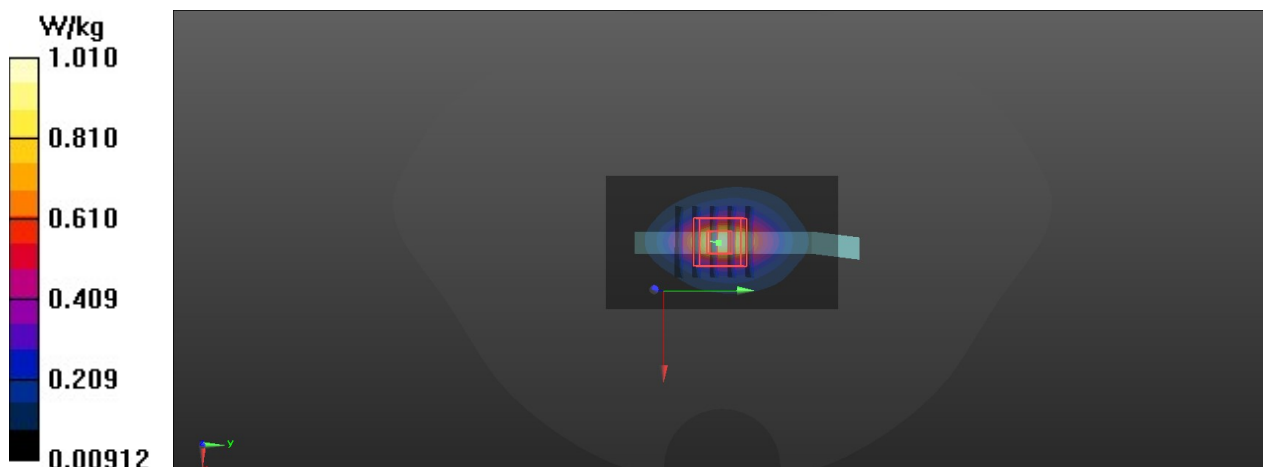
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 22.17 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.12 W/kg

**SAR(1 g) = 0.620 W/kg; SAR(10 g) = 0.322 W/kg**

Maximum value of SAR (measured) = 0.947 W/kg



### P33 WCDMA IV\_RMC12.2K\_Bottom Side\_1cm\_Ch1312\_Ant 0

**DUT: 200106W008**

Communication System: WCDMA ; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: HSL1750\_0119 Medium parameters used :  $f = 1712.4 \text{ MHz}$ ;  $\sigma = 1.35 \text{ S/m}$ ;  $\epsilon_r = 38.611$ ;  $\rho = 1000 \text{ kg/m}^3$

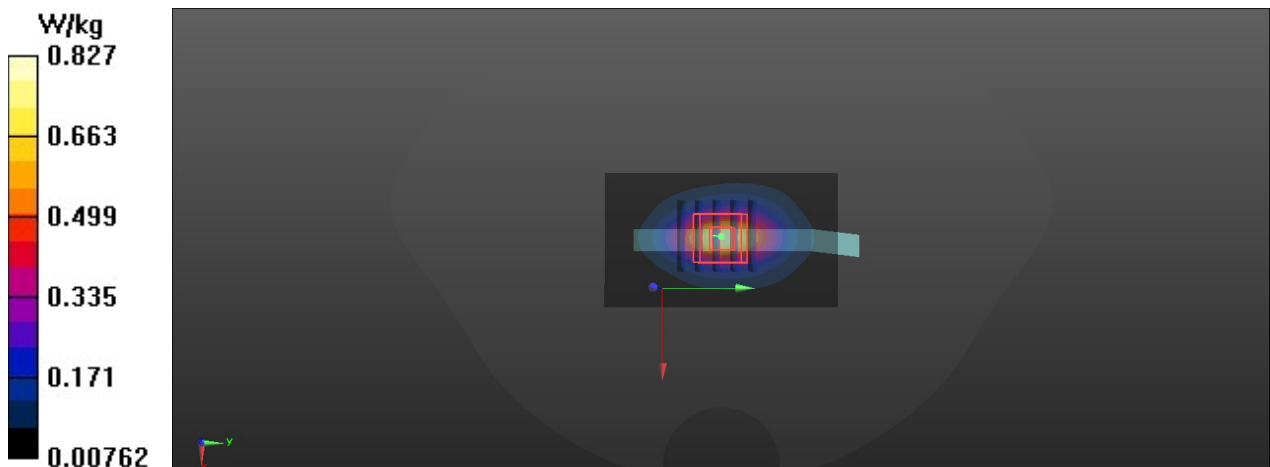
Ambient Temperature : 22.9°C; Liquid Temperature : 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(8.51, 8.51, 8.51) @ 1712.4 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 9/11/2019
- Phantom: Twin-SAM (Left); Type: QD 000 P41 AA; Serial: 1988
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

- **Area Scan (41x71x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) = 0.827 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value = 20.66 V/m; Power Drift = 0.02 dB  
 Peak SAR (extrapolated) = 0.928 W/kg  
**SAR(1 g) = 0.526 W/kg; SAR(10 g) = 0.279 W/kg**  
 Maximum value of SAR (measured) = 0.783 W/kg



## P34 WCDMA V\_RMC12.2K\_Rear Face\_1cm\_Ch4233\_Ant 1

**DUT: 200106W008**

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

Medium: HSL835\_0118 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.9$  S/m;  $\epsilon_r = 40.605$ ;  $\rho = 1000$  kg/m<sup>3</sup>

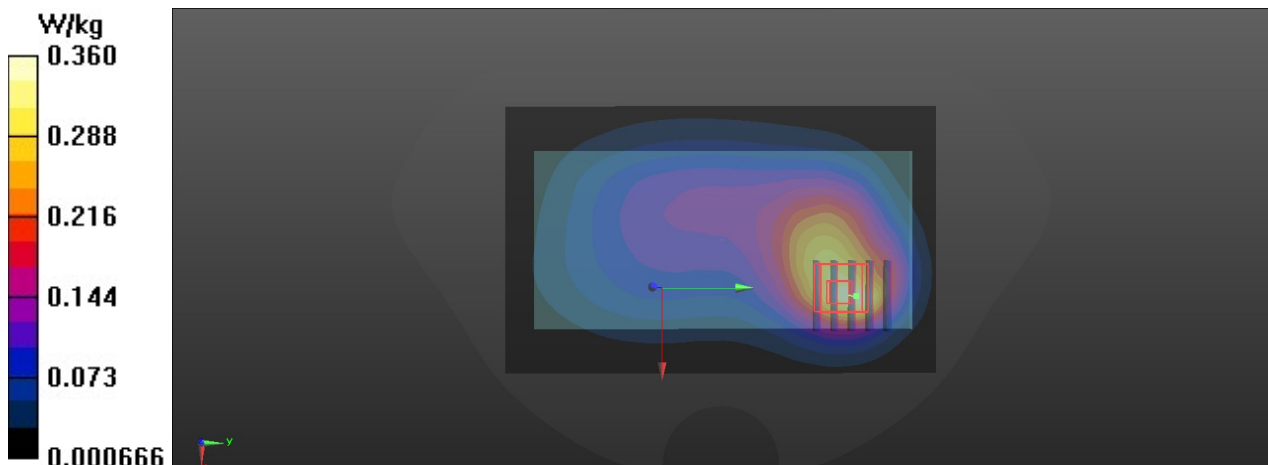
Ambient Temperature : 23.1°C; Liquid Temperature : 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(9.74, 9.74, 9.74) @ 846.6 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 9/11/2019
- Phantom: Twin-SAM (Left); Type: QD 000 P41 AA; Serial: 1988
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

- **Area Scan (81x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.360 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 10.68 V/m; Power Drift = 0.00 dB  
Peak SAR (extrapolated) = 0.423 W/kg  
**SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.141 W/kg**  
Maximum value of SAR (measured) = 0.348 W/kg



**P35 LTE 2\_QPSK20M\_Bottom Side\_1cm\_Ch19100\_50RB\_OS0\_Ant 0**

**DUT: 200106W008**

Communication System: LTE; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL1900\_0120 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.456$  S/m;  $\epsilon_r = 40.234$ ;  $\rho = 1000$  kg/m<sup>3</sup>

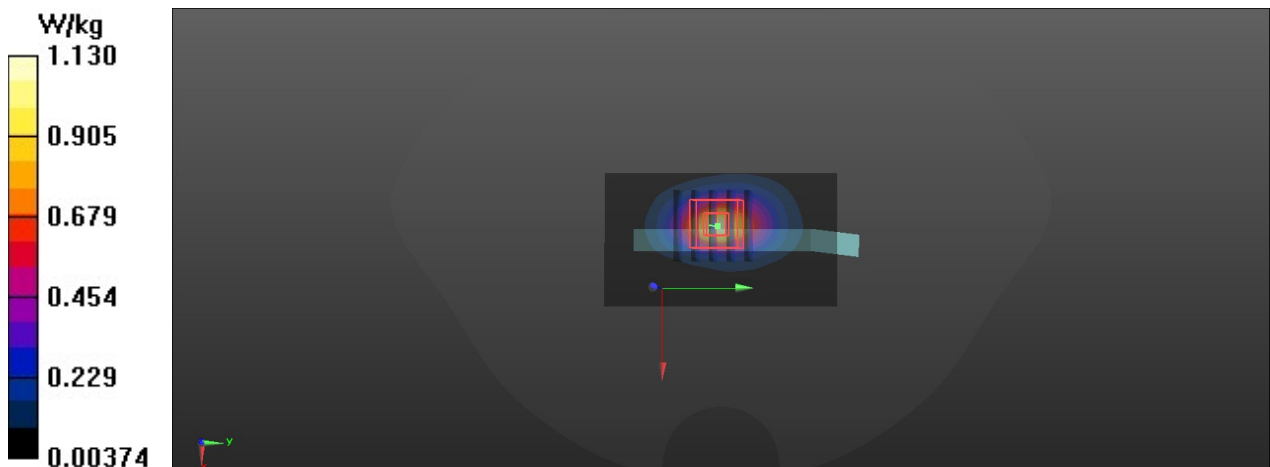
Ambient Temperature : 22.8°C; Liquid Temperature : 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(8.22, 8.22, 8.22) @ 1900 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 9/11/2019
- Phantom: Twin-SAM (Left); Type: QD 000 P41 AA; Serial: 1988
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

- **Area Scan (41x71x1)**: Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 1.13 W/kg

- **Zoom Scan (5x5x7)/Cube 0**: Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 19.84 V/m; Power Drift = 0.11 dB  
 Peak SAR (extrapolated) = 1.25 W/kg  
**SAR(1 g) = 0.683 W/kg; SAR(10 g) = 0.350 W/kg**  
 Maximum value of SAR (measured) = 1.05 W/kg



**P36 LTE 4\_QPSK20M\_Bottom Side\_1cm\_Ch20050\_50RB\_OS0\_Ant 0**

**DUT: 200106W008**

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: HSL1750\_0119 Medium parameters used:  $f = 1720$  MHz;  $\sigma = 1.358$  S/m;  $\epsilon_r = 38.573$ ;  $\rho = 1000$  kg/m<sup>3</sup>

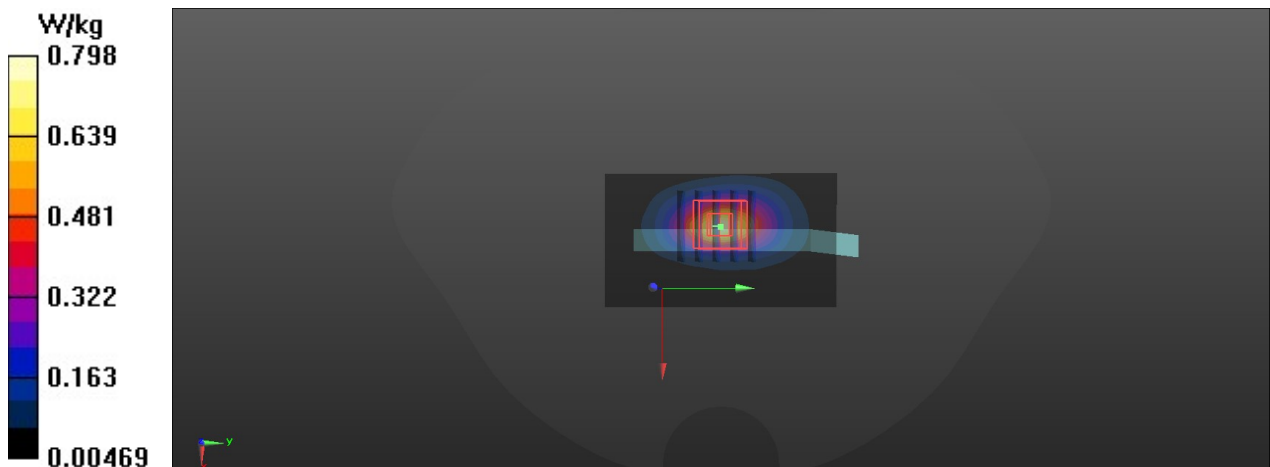
Ambient Temperature : 22.9°C; Liquid Temperature : 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(8.51, 8.51, 8.51) @ 1720 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 9/11/2019
- Phantom: Twin-SAM (Left); Type: QD 000 P41 AA; Serial: 1988
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

- **Area Scan (41x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.798 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 17.35 V/m; Power Drift = 0.08 dB  
 Peak SAR (extrapolated) = 0.869 W/kg  
**SAR(1 g) = 0.485 W/kg; SAR(10 g) = 0.255 W/kg**  
 Maximum value of SAR (measured) = 0.735 W/kg



### P37 LTE 5\_QPSK10M\_Rear Face\_1cm\_Ch20525\_1RB\_OS0\_Ant 1

**DUT: 200106W008**

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

Medium: HSL835\_0118 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.89$  S/m;  $\epsilon_r = 40.739$ ;  $\rho = 1000$  kg/m<sup>3</sup>

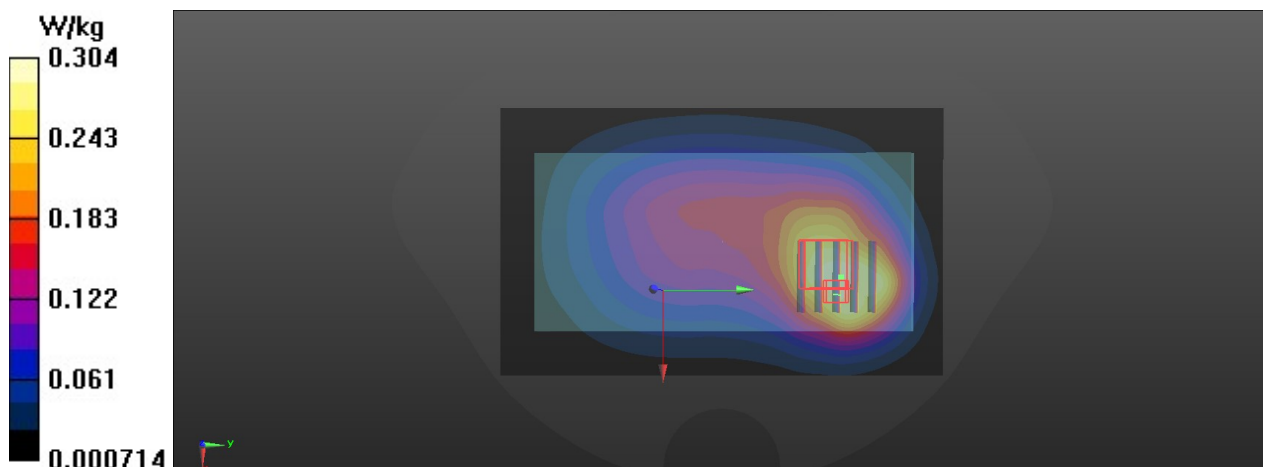
Ambient Temperature : 23.1°C; Liquid Temperature : 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(9.74, 9.74, 9.74) @ 836.5 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 9/11/2019
- Phantom: Twin-SAM (Left); Type: QD 000 P41 AA; Serial: 1988
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

- **Area Scan (61x101x1):** Interpolated grid: dx=2.000 mm, dy=2.000 mm  
Maximum value of SAR (interpolated) = 0.304 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 11.65 V/m; Power Drift = 0.03 dB  
Peak SAR (extrapolated) = 0.390 W/kg  
**SAR(1 g) = 0.223 W/kg; SAR(10 g) = 0.143 W/kg**  
Maximum value of SAR (measured) = 0.326 W/kg





**P38 LTE 7\_QPSK20M\_Bottom Side\_0cm\_Ch21350\_50RB\_OS0\_Ant 0**

**DUT: 200106W008**

Communication System: LTE ; Frequency: 2560 MHz;Duty Cycle: 1:1

Medium: HSL2600\_0213 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.995$  S/m;  $\epsilon_r = 39.075$ ;  $\rho = 1000$  kg/m<sup>3</sup>

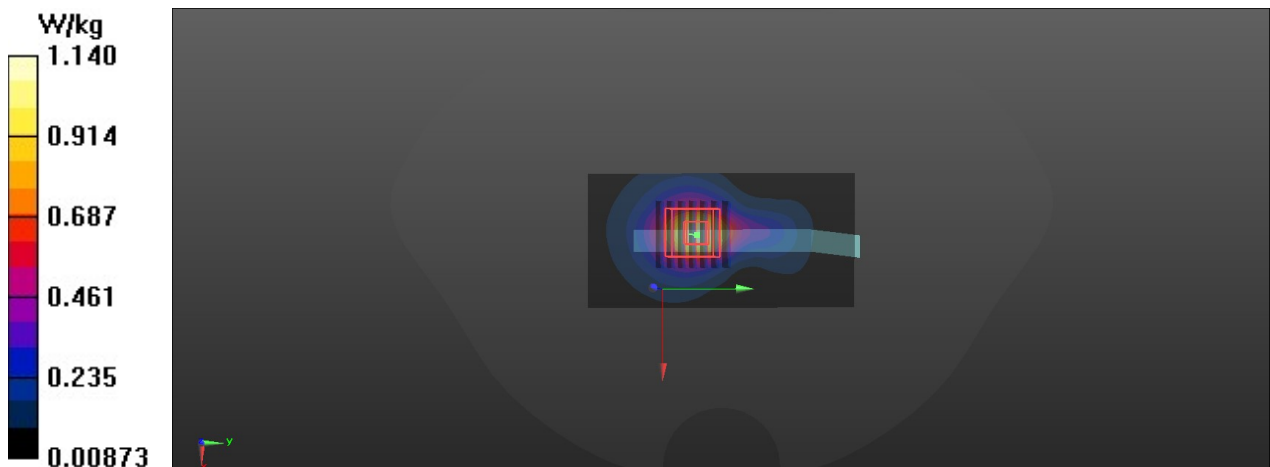
Ambient Temperature : 23.2°C; Liquid Temperature : 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(7.45, 7.45, 7.45) @ 2560 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 9/11/2019
- Phantom: Twin-SAM (Left); Type: QD 000 P41 AA; Serial: 1988
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

- **Area Scan (51x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
 Maximum value of SAR (interpolated) = 1.14 W/kg

- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 16.70 V/m; Power Drift = 0.05 dB  
 Peak SAR (extrapolated) = 1.41 W/kg  
**SAR(1 g) = 0.720 W/kg; SAR(10 g) = 0.355 W/kg**  
 Maximum value of SAR (measured) = 1.15 W/kg



### P39 LTE 38\_QPSK20M\_Bottom Side\_0cm\_Ch38000\_50RB\_OS50\_Ant 0

**DUT: 200106W008**

Communication System: LTE TDD ; Frequency: 2595 MHz; Duty Cycle: 1:1.58

Medium: HSL2600\_0213 Medium parameters used:  $f = 2595$  MHz;  $\sigma = 2.033$  S/m;  $\epsilon_r = 38.951$ ;  $\rho = 1000$  kg/m<sup>3</sup>

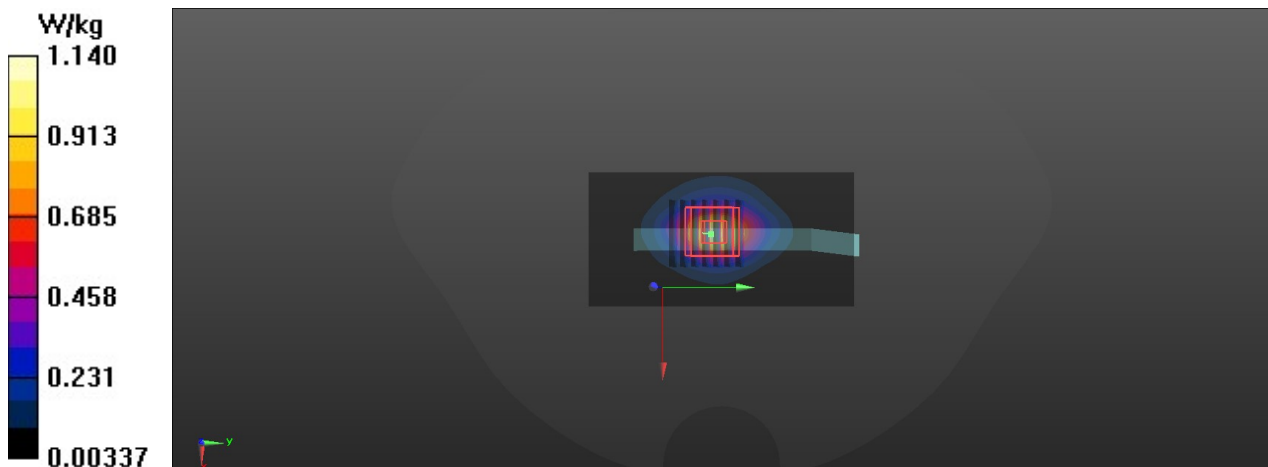
Ambient Temperature : 23.2°C; Liquid Temperature : 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(7.45, 7.45, 7.45) @ 2595 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 9/11/2019
- Phantom: Twin-SAM (Left); Type: QD 000 P41 AA; Serial: 1988
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

- **Area Scan (51x101x1)**: Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm  
Maximum value of SAR (interpolated) = 1.14 W/kg

- **Zoom Scan (7x7x7)/Cube 0**: Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm  
Reference Value = 18.93 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 1.35 W/kg  
**SAR(1 g) = 0.694 W/kg; SAR(10 g) = 0.339 W/kg**  
Maximum value of SAR (measured) = 1.11 W/kg



## P40 802.11b\_Rear Face\_1cm\_Ch6\_Ant 0+1

**DUT: 200106W008**

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: HSL2450\_0214 Medium parameters used :  $f = 2437$  MHz;  $\sigma = 1.829$  S/m;  $\epsilon_r = 39.463$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.7°C; Liquid Temperature : 21.6°C

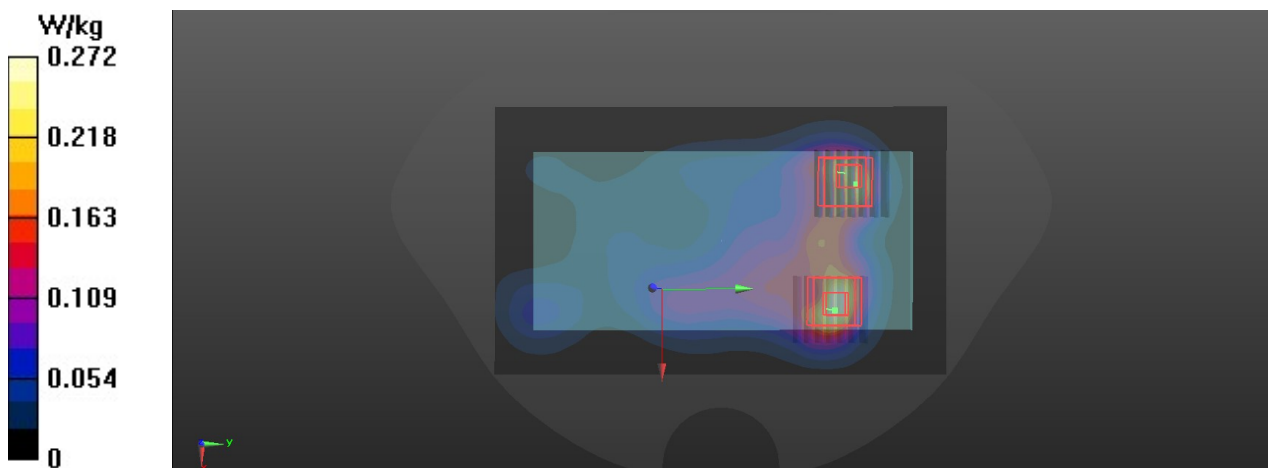
DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(7.71, 7.71, 7.71) @ 2437 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 9/11/2019
- Phantom: Twin-SAM (Left); Type: QD 000 P41 AA; Serial: 1988
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

- **Area Scan (101x171x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.272 W/kg

- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 4.863 V/m; Power Drift = 0.14 dB  
Peak SAR (extrapolated) = 0.341 W/kg  
**SAR(1 g) = 0.170 W/kg; SAR(10 g) = 0.084 W/kg**  
Maximum value of SAR (measured) = 0.275 W/kg

- **Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 4.863 V/m; Power Drift = 0.14 dB  
Peak SAR (extrapolated) = 0.314 W/kg  
**SAR(1 g) = 0.148 W/kg; SAR(10 g) = 0.071 W/kg**  
Maximum value of SAR (measured) = 0.242 W/kg



## P41 802.11a\_Rear Face\_1cm\_Ch48\_Ant 0+1

### DUT: 200106W008

Communication System: 802.11a ; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: HSL5G\_0217 Medium parameters used:  $f = 5240$  MHz;  $\sigma = 4.712$  S/m;  $\epsilon_r = 37.299$ ;  $\rho = 1000$  kg/m<sup>3</sup>

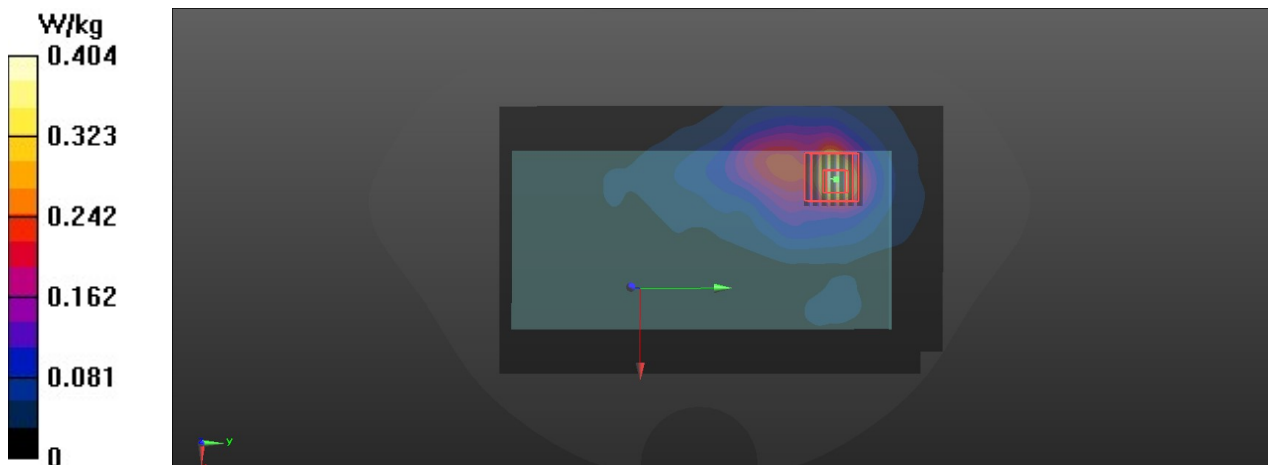
Ambient Temperature : 23.0°C; Liquid Temperature : 22.1°C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(5.3, 5.3, 5.3) @ 5240 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 9/11/2019
- Phantom: Twin-SAM (Left); Type: QD 000 P41 AA; Serial: 1988
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

- **Area Scan (121x201x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.404 W/kg

- **Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 1.333 V/m; Power Drift = -0.08 dB  
Peak SAR (extrapolated) = 0.680 W/kg  
**SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.070 W/kg**  
Maximum value of SAR (measured) = 0.419 W/kg



## P42 802.11a\_Rear Face\_1cm\_Ch157\_Ant 0+1

**DUT: 200106W008**

Communication System: 802.11a ; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: HSL5G\_0220 Medium parameters used :  $f = 5785$  MHz;  $\sigma = 5.251$  S/m;  $\epsilon_r = 36.569$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1°C; Liquid Temperature : 21.9°C

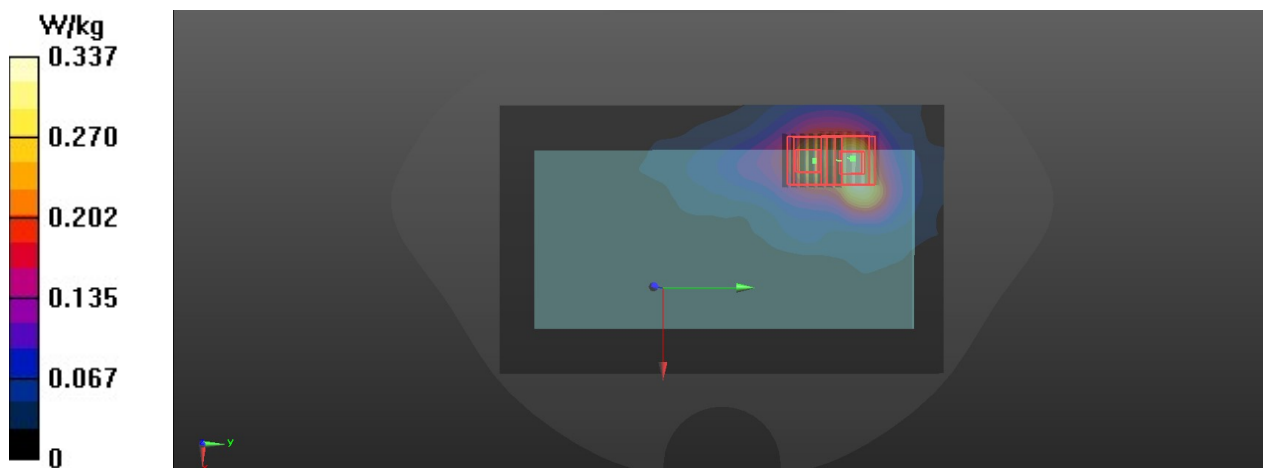
DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(4.96, 4.96, 4.96) @ 5785 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 9/11/2019
- Phantom: Twin-SAM (Left); Type: QD 000 P41 AA; Serial: 1988
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

- **Area Scan (121x201x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.337 W/kg

- **Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 1.000 V/m; Power Drift = 0.06 dB  
Peak SAR (extrapolated) = 0.684 W/kg  
**SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.056 W/kg**  
Maximum value of SAR (measured) = 0.358 W/kg

- **Zoom Scan (7x7x12)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 1.000 V/m; Power Drift = 0.06 dB  
Peak SAR (extrapolated) = 0.584 W/kg  
**SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.050 W/kg**  
Maximum value of SAR (measured) = 0.305 W/kg



### P43 GSM1900\_GPRS12\_Bottom Side\_0cm\_Ch810\_Ant 0

**DUT: 200106W008**

Communication System: GPRS12 ; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: HSL1900\_0120 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.465$  S/m;  $\epsilon_r = 40.195$ ;  $\rho = 1000$  kg/m<sup>3</sup>

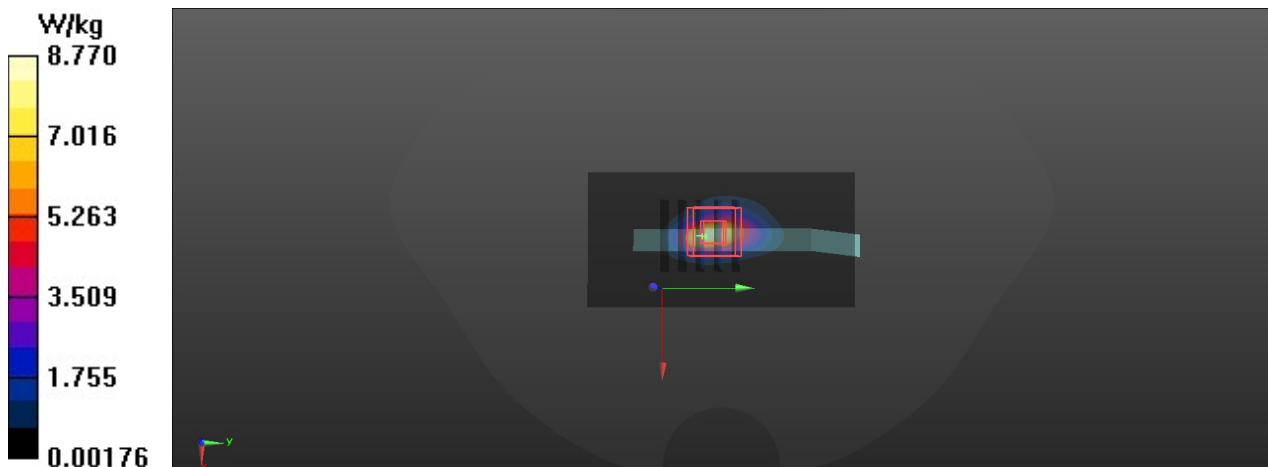
Ambient Temperature : 22.8°C; Liquid Temperature : 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(8.22, 8.22, 8.22) @ 1909.8 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 9/11/2019
- Phantom: Twin-SAM (Left); Type: QD 000 P41 AA; Serial: 1988
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

- **Area Scan (41x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 8.77 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 56.11 V/m; Power Drift = 0.11 dB  
Peak SAR (extrapolated) = 11.7 W/kg  
**SAR(1 g) = 4.84 W/kg; SAR(10 g) = 2.02 W/kg**  
Maximum value of SAR (measured) = 8.94 W/kg



### P44 WCDMA II\_RMC12.2K\_Bottom Side\_0cm\_Ch9538\_Ant 0

**DUT: 200106W008**

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

Medium: HSL1900\_0120 Medium parameters used:  $f = 1908 \text{ MHz}$ ;  $\sigma = 1.463 \text{ S/m}$ ;  $\epsilon_r = 40.204$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.8°C; Liquid Temperature : 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(8.22, 8.22, 8.22) @ 1907.6 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 9/11/2019
- Phantom: Twin-SAM (Left); Type: QD 000 P41 AA; Serial: 1988
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

- **Area Scan (41x81x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 8.62 W/kg

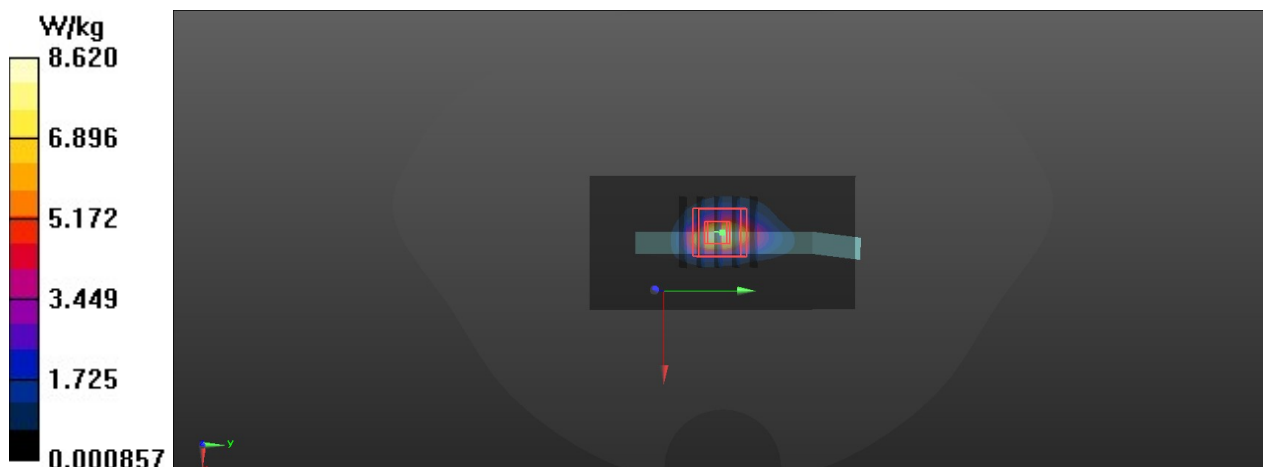
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 57.56 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 12.5 W/kg

**SAR(1 g) = 5.3 W/kg; SAR(10 g) = 2.21 W/kg**

Maximum value of SAR (measured) = 10.0 W/kg



## P45 WCDMA IV\_RMC12.2K\_Bottom Side\_0cm\_Ch1513\_Ant 0

**DUT: 200106W008**

Communication System: WCDMA ; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: HSL1750\_0119 Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.385$  S/m;  $\epsilon_r = 38.42$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.9°C; Liquid Temperature : 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(8.51, 8.51, 8.51) @ 1752.6 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 9/11/2019
- Phantom: Twin-SAM (Left); Type: QD 000 P41 AA; Serial: 1988
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

- **Area Scan (41x81x1)**: Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.28 W/kg

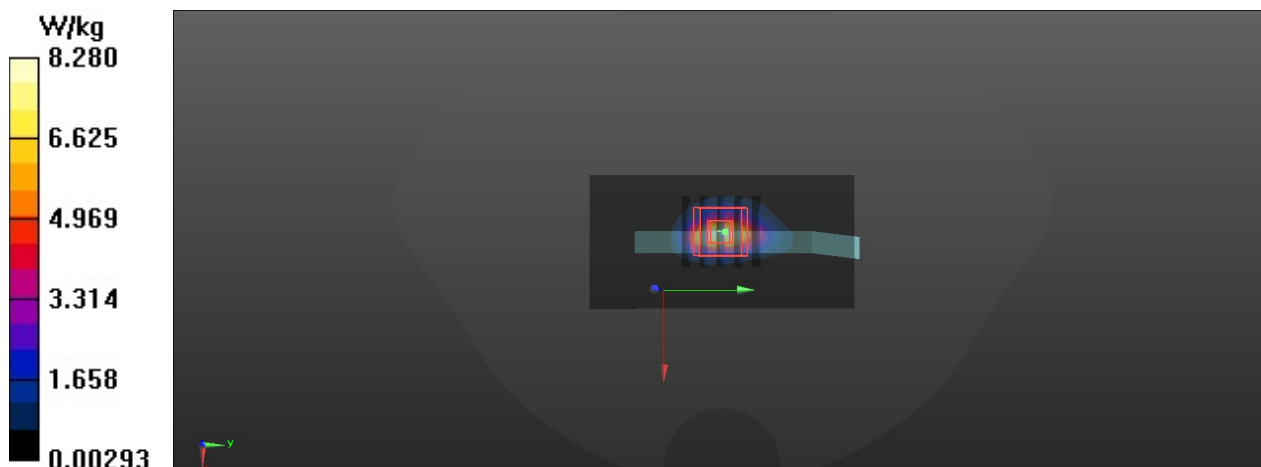
- **Zoom Scan (5x5x7)/Cube 0**: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 56.54 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 11.2 W/kg

**SAR(1 g) = 4.86 W/kg; SAR(10 g) = 2.08 W/kg**

Maximum value of SAR (measured) = 8.97 W/kg





### P46 LTE 2\_QPSK20M\_Bottom Side\_0cm\_Ch19100\_50RB\_OS0\_Ant 0

**DUT: 200106W008**

Communication System: LTE ; Frequency: 1900 MHz;Duty Cycle: 1:1

Medium: HSL1900\_0120 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.456$  S/m;  $\epsilon_r = 40.234$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.8°C; Liquid Temperature : 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(8.22, 8.22, 8.22) @ 1900 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 9/11/2019
- Phantom: Twin-SAM (Left); Type: QD 000 P41 AA; Serial: 1988
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

- **Area Scan (41x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.83 W/kg

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

Reference Value = 55.34 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 11.4 W/kg

**SAR(1 g) = 4.74 W/kg; SAR(10 g) = 1.96 W/kg**

Maximum value of SAR (measured) = 9.02 W/kg

