



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_GPRS10_Right Cheek_Ch128_Ant0

DUT: 151221C02

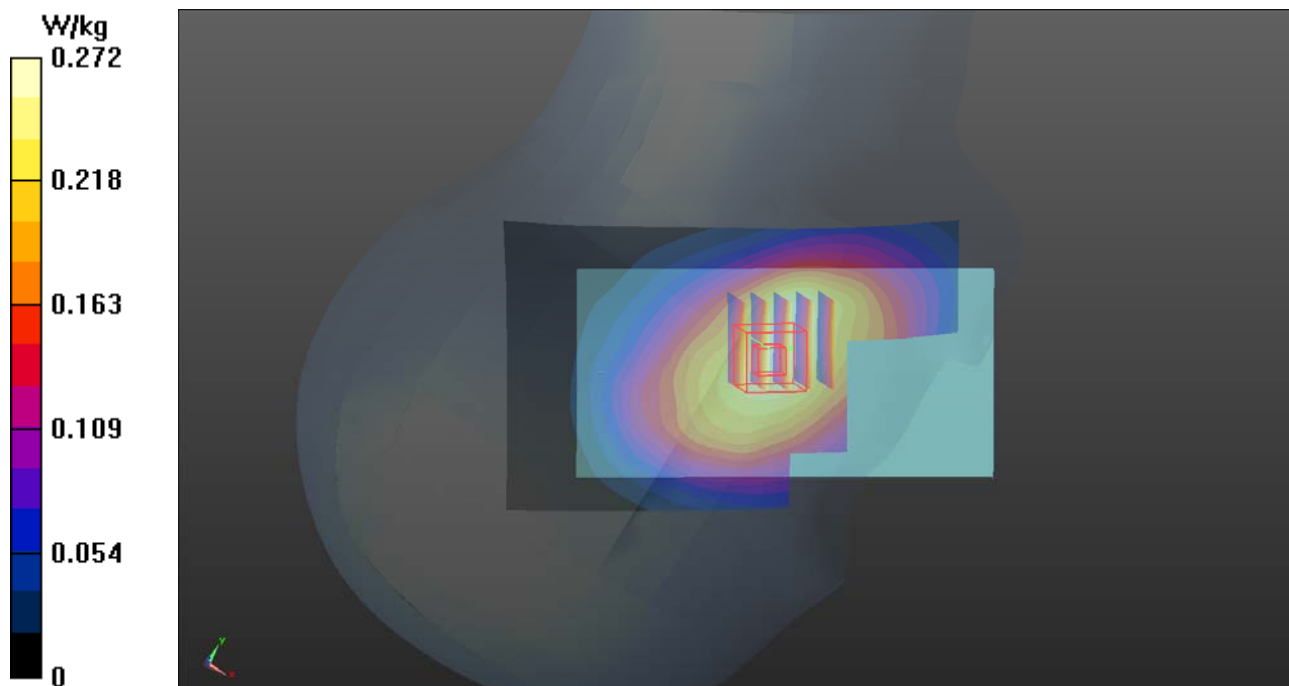
Communication System: GPRS10; Frequency: 824.2 MHz; Duty Cycle: 1:4
Medium: H07T10N2_0131 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.894$ S/m; $\epsilon_r = 43.088$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.2 °C

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_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.272 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.328 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.299 W/kg
SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.183 W/kg
Maximum value of SAR (measured) = 0.276 W/kg



P02 GSM1900_GPRS12_Right Cheek_Ch661_Ant1

DUT: 151221C02

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

Medium: H16T20N1_0130 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.447$ S/m; $\epsilon_r = 39.06$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.21, 8.21, 8.21); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2015/04/28
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.614 W/kg

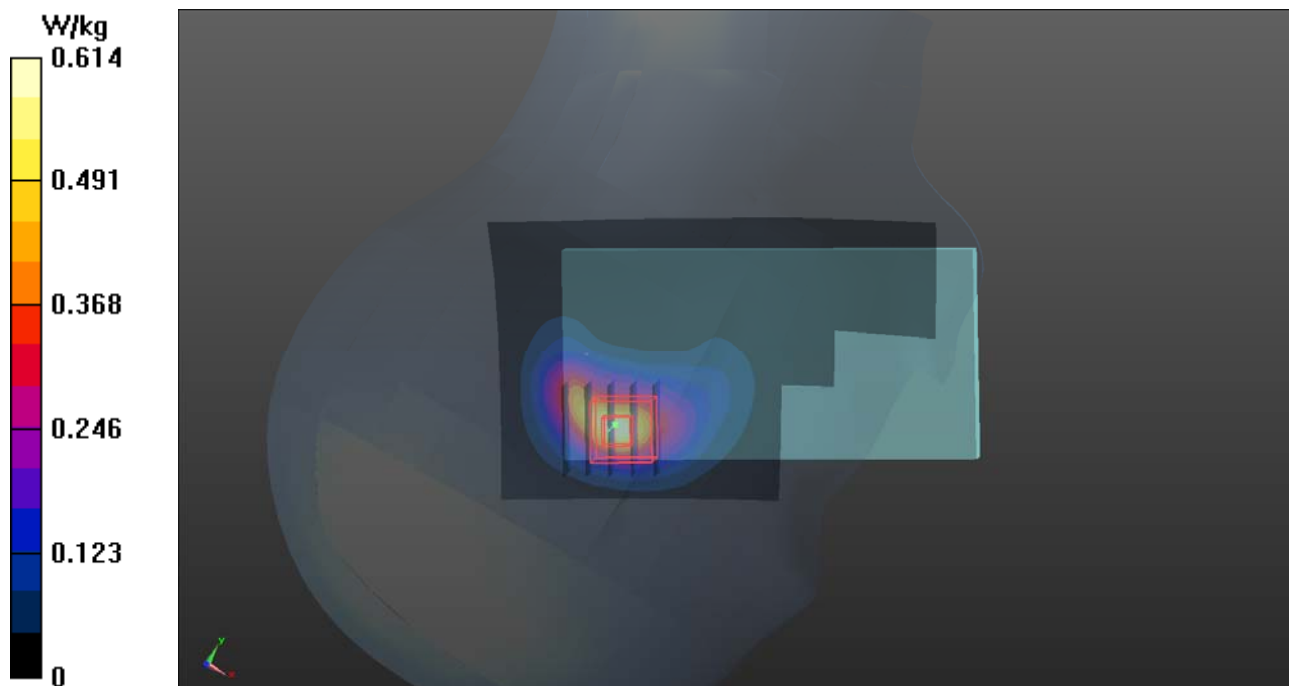
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.64 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.617 W/kg

SAR(1 g) = 0.353 W/kg; SAR(10 g) = 0.188 W/kg

Maximum value of SAR (measured) = 0.525 W/kg



P03 WCDMA II_RMC12.2K_Right Cheek_Ch9400_Ant1

DUT: 151221C02

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

Medium: H16T20N1_0130 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.447$ S/m; $\epsilon_r = 39.06$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.21, 8.21, 8.21); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2015/04/28
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 1.05 W/kg

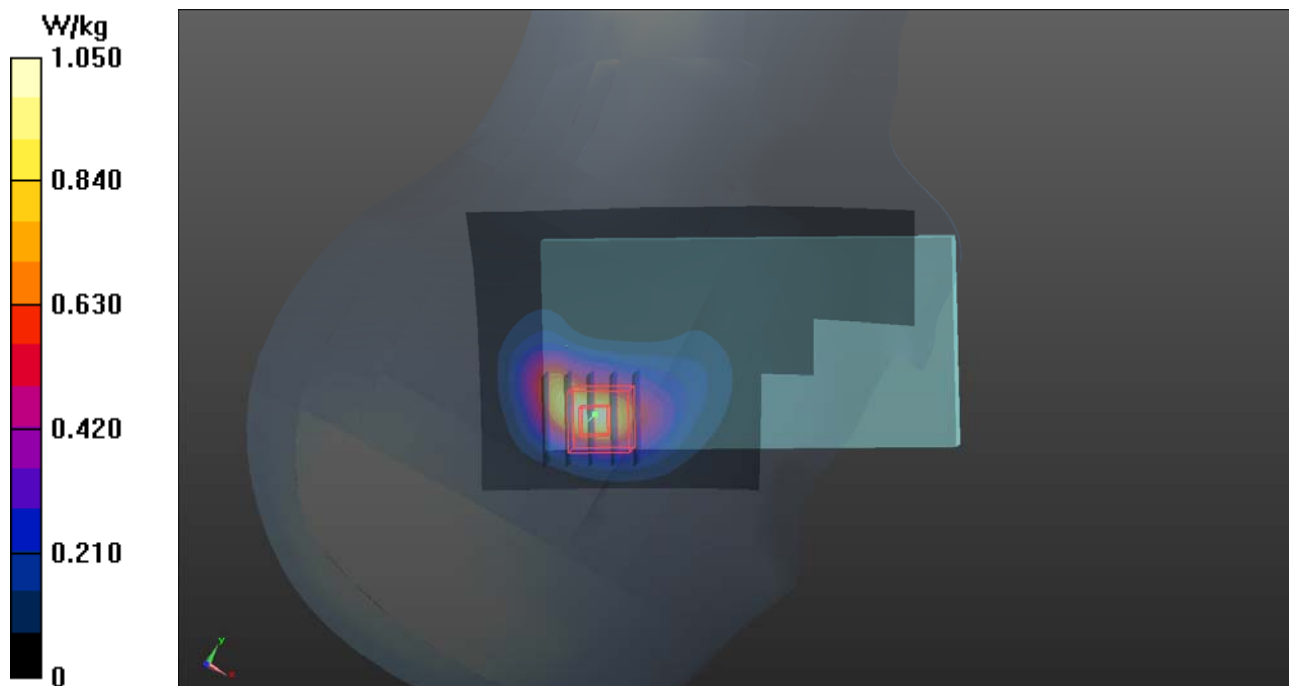
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.92 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.591 W/kg; SAR(10 g) = 0.321 W/kg

Maximum value of SAR (measured) = 0.883 W/kg



P04 WCDMA IV_RMC12.2K_Right Cheek_Ch1413_Ant1

DUT: 151221C02

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: H16T20N1_0130 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.317$ S/m; $\epsilon_r = 39.555$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.49, 8.49, 8.49); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2015/04/28
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.798 W/kg

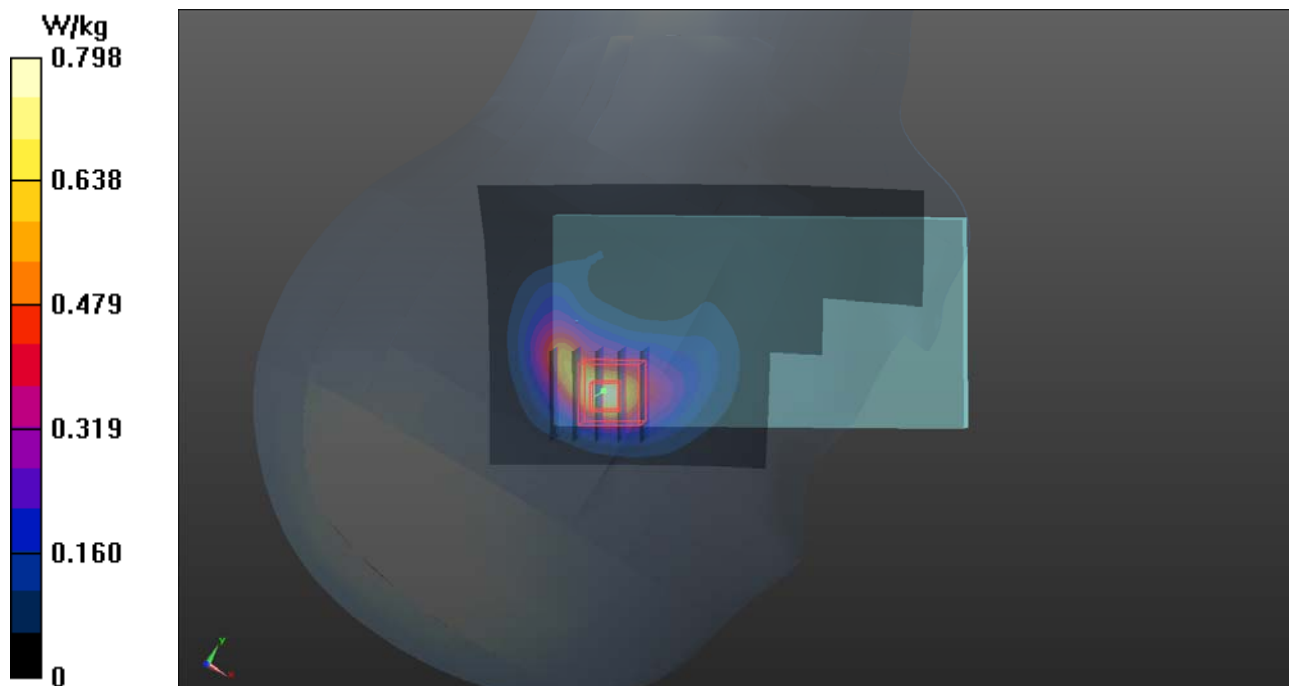
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.19 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.887 W/kg

SAR(1 g) = 0.474 W/kg; SAR(10 g) = 0.254 W/kg

Maximum value of SAR (measured) = 0.696 W/kg



P05 WCDMA V_RMC12.2K_Right Cheek_Ch4233_Ant0

DUT: 151221C02

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

Medium: H07T10N2_0131 Medium parameters used: $f = 847$ MHz; $\sigma = 0.916$ S/m; $\epsilon_r = 42.797$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(9.9, 9.9, 9.9); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2015/04/28
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

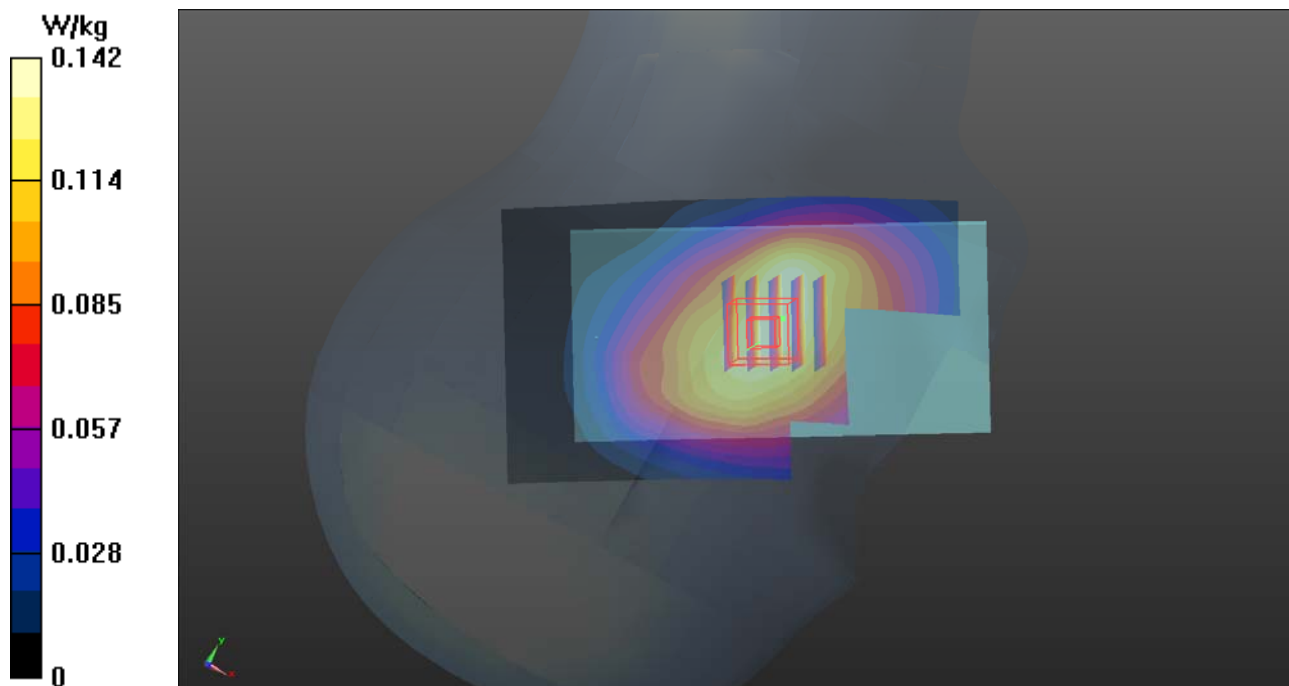
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.593 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.160 W/kg

SAR(1 g) = 0.124 W/kg; SAR(10 g) = 0.096 W/kg

Maximum value of SAR (measured) = 0.148 W/kg



P06 CDMA2000 BC0_RC3+SO55_Right Cheek_Ch777_Ant0

DUT: 151221C02

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: H07T10N2_0131 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.917$ S/m; $\epsilon_r = 42.779$; ρ

$= 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.2 °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_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.232 W/kg

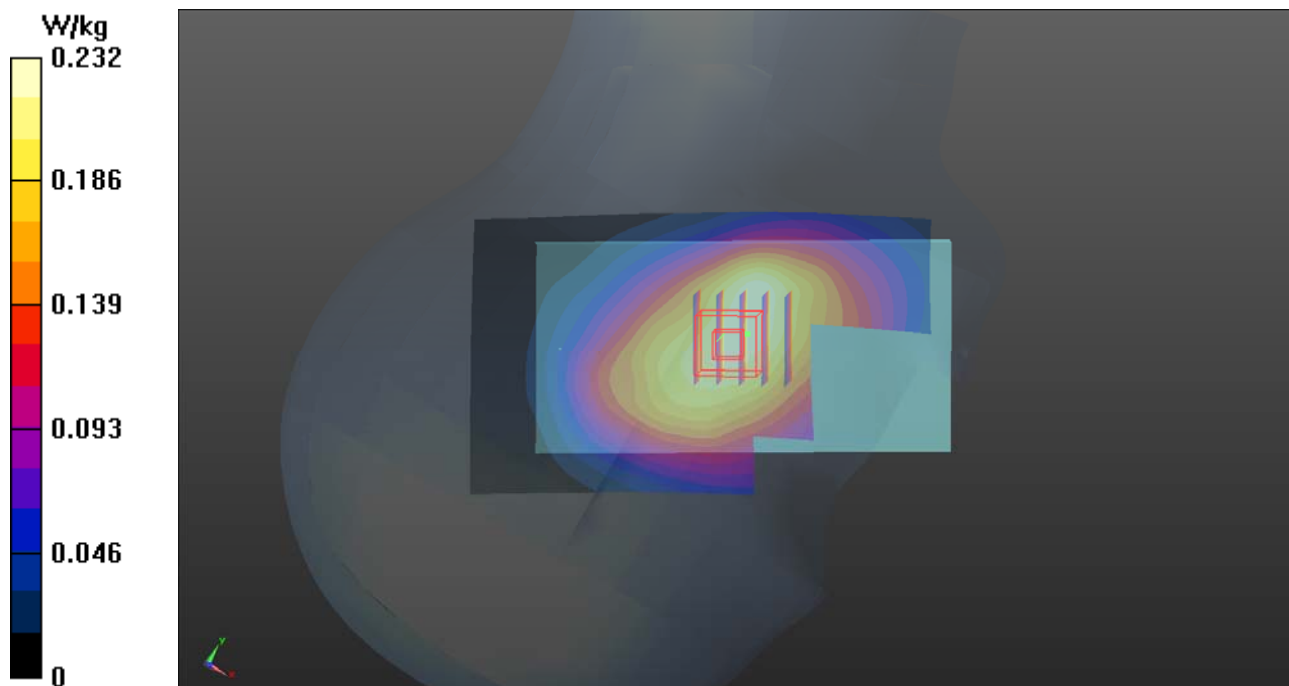
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.766 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.259 W/kg

SAR(1 g) = 0.203 W/kg; SAR(10 g) = 0.159 W/kg

Maximum value of SAR (measured) = 0.238 W/kg



P07 CDMA2000 BC1_RC3+SO55_Right Cheek_Ch600_Ant1

DUT: 151221C02

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: H16T20N1_0130 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.447$ S/m; $\epsilon_r = 39.06$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.21, 8.21, 8.21); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2015/04/28
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 1.17 W/kg

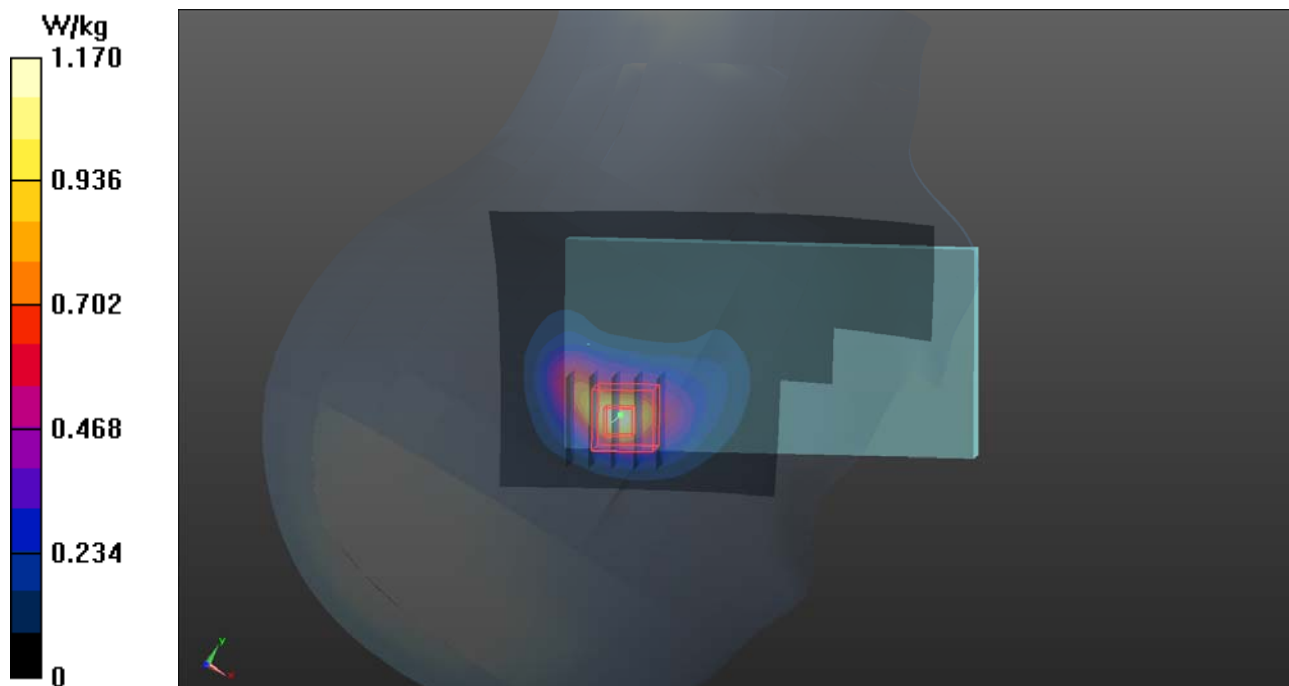
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.37 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.682 W/kg; SAR(10 g) = 0.355 W/kg

Maximum value of SAR (measured) = 0.988 W/kg



P08 LTE 2_QPSK20M_Right Cheek_Ch18900_Ant1_1RB_OS0

DUT: 151221C02

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

Medium: H16T20N1_0130 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.447$ S/m; $\epsilon_r = 39.06$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.21, 8.21, 8.21); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2015/04/28
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 1.19 W/kg

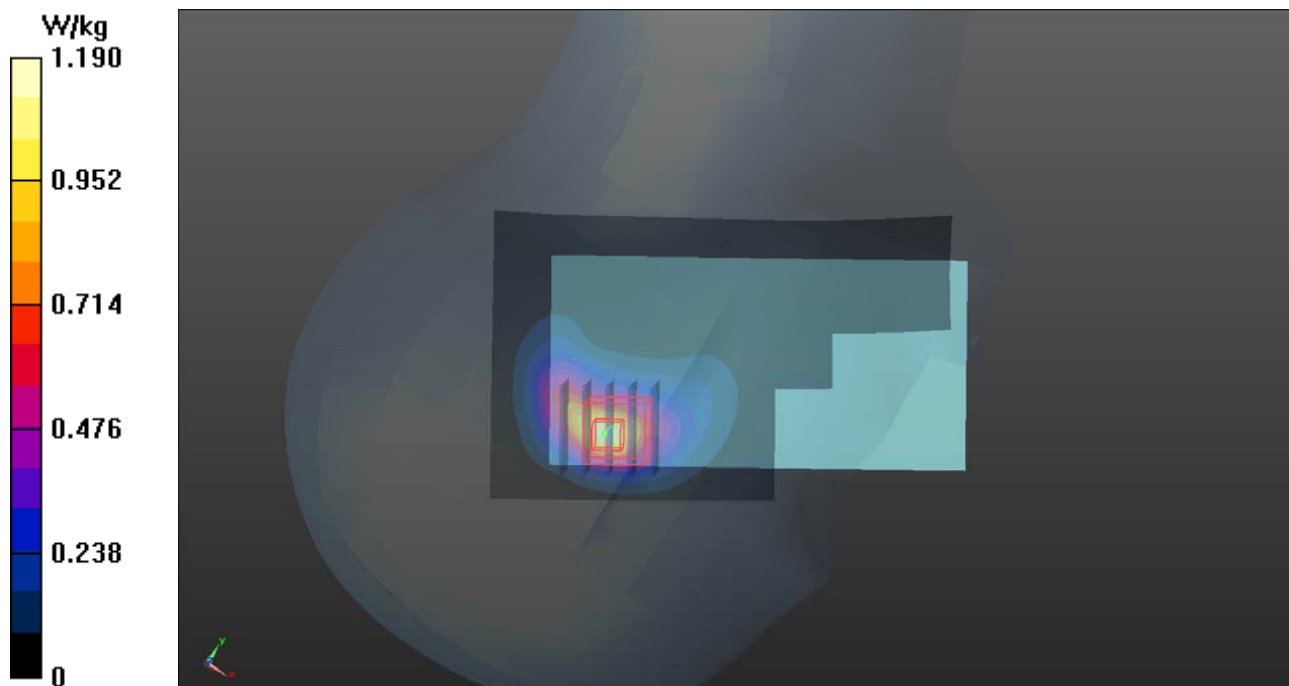
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.69 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.696 W/kg; SAR(10 g) = 0.358 W/kg

Maximum value of SAR (measured) = 1.03 W/kg



P09 LTE 4_QPSK20M_Right Cheek_Ch20300_Ant1_1RB_OS0

DUT: 151221C02

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

Medium: H16T20N1_0202 Medium parameters used: $f = 1745 \text{ MHz}$; $\sigma = 1.329 \text{ S/m}$; $\epsilon_r = 39.688$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.26, 8.26, 8.26); Calibrated: 2015/03/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- 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) = 1.21 W/kg

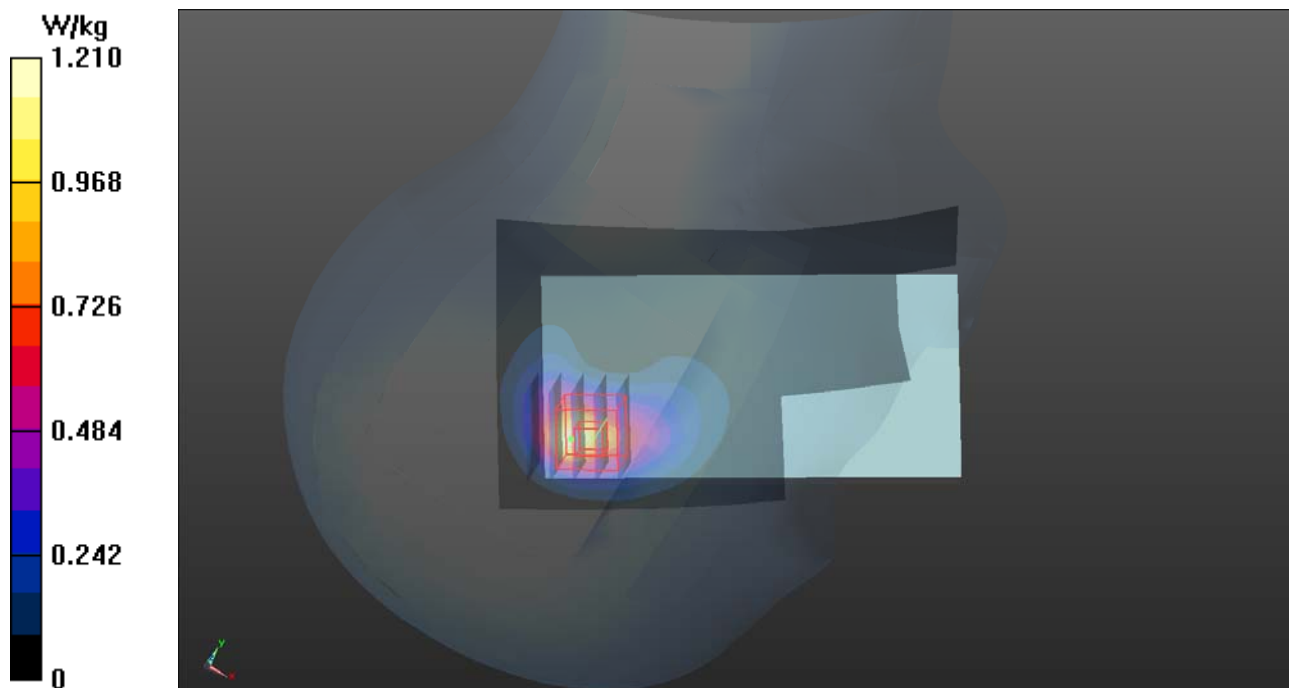
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.68 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.609 W/kg; SAR(10 g) = 0.337 W/kg

Maximum value of SAR (measured) = 0.843 W/kg



P10 LTE 5_QPSK10M_Right Cheek_Ch20450_Ant0_1RB_OS49

DUT: 151221C02

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

Medium: H07T10N2_0131 Medium parameters used: $f = 829$ MHz; $\sigma = 0.899$ S/m; $\epsilon_r = 43.029$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.4 °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_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.172 W/kg

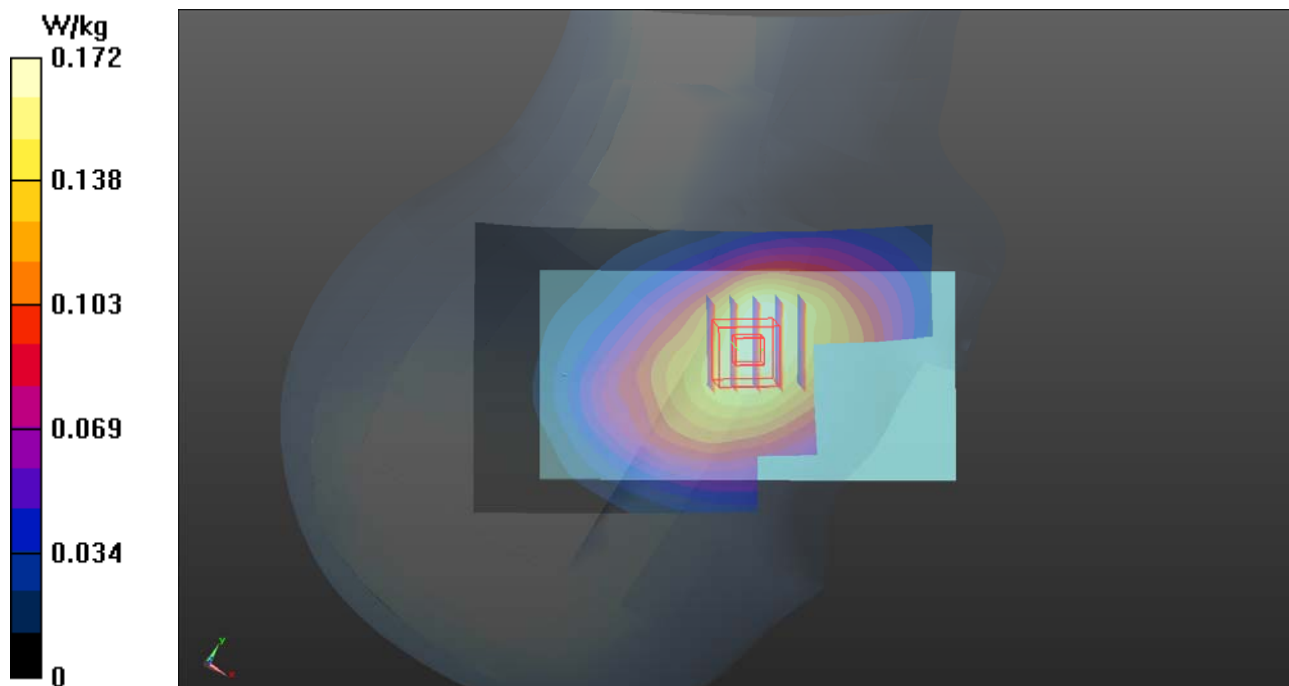
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.868 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.189 W/kg

SAR(1 g) = 0.148 W/kg; SAR(10 g) = 0.116 W/kg

Maximum value of SAR (measured) = 0.174 W/kg



P11 LTE 7_QPSK20M_Right Cheek_Ch21100_Ant1_1RB_OS0

DUT: 151221C02

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

Medium: H19T27N2_0210 Medium parameters used: $f = 2535$ MHz; $\sigma = 1.952$ S/m; $\epsilon_r = 37.507$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.24, 7.24, 7.24); Calibrated: 2015/03/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- 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) = 0.440 W/kg

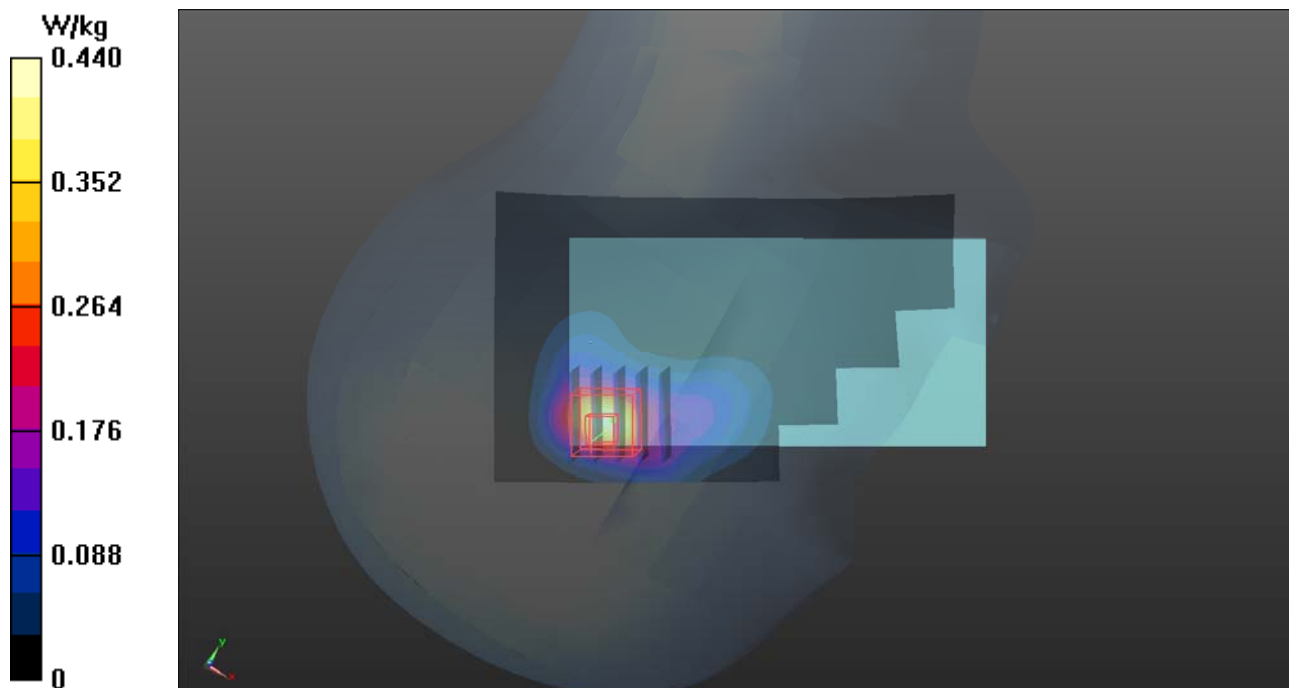
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.076 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.639 W/kg

SAR(1 g) = 0.269 W/kg; SAR(10 g) = 0.123 W/kg

Maximum value of SAR (measured) = 0.426 W/kg



P12 LTE 12_QPSK10M_Left Cheek_Ch23060_Ant0_1RB_OS49

DUT: 151221C02

Communication System: LTE; Frequency: 704 MHz; Duty Cycle: 1:1

Medium: H06T09N1_0131 Medium parameters used: $f = 704 \text{ MHz}$; $\sigma = 0.847 \text{ S/m}$; $\epsilon_r = 43.966$; $\rho = 1000 \text{ kg/m}^3$

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_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.137 W/kg

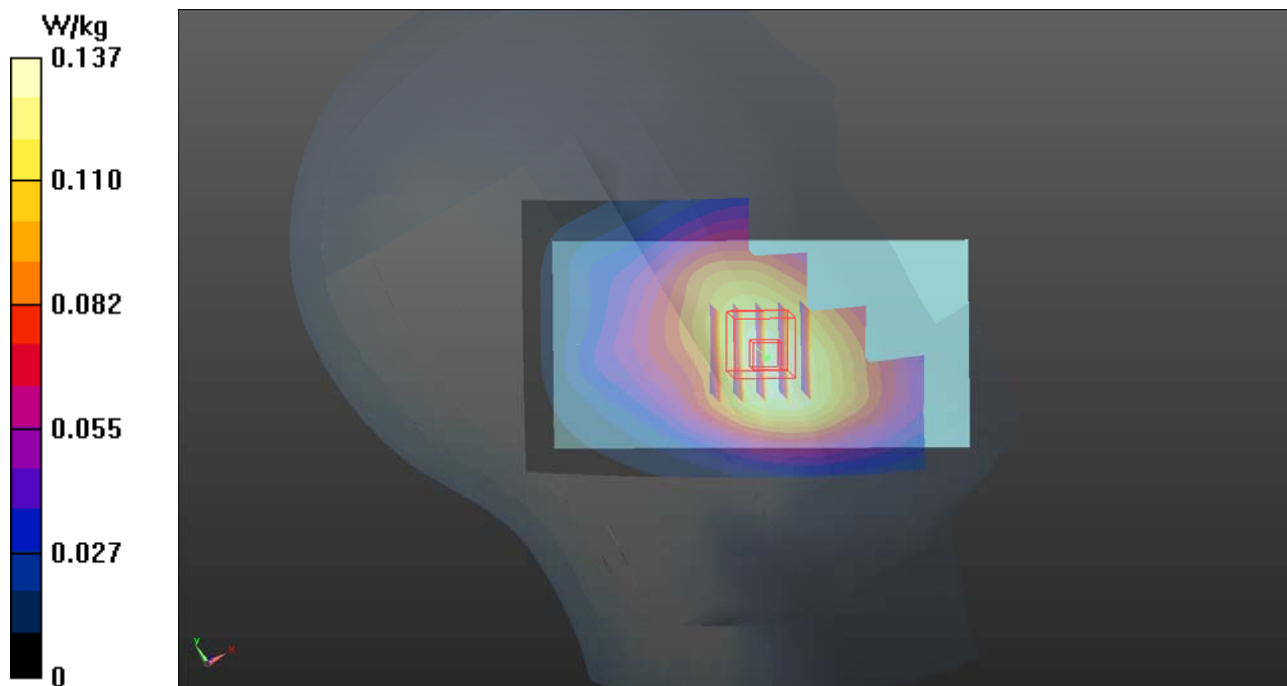
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.087 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.145 W/kg

SAR(1 g) = 0.119 W/kg; SAR(10 g) = 0.096 W/kg

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



P13 LTE 13_QPSK10M_Left Cheek_Ch23230_Ant0_1RB_OS24

DUT: 151221C02

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

Medium: H07T10N2_0131 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.854 \text{ S/m}$; $\epsilon_r = 43.617$; $\rho = 1000 \text{ kg/m}^3$

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_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

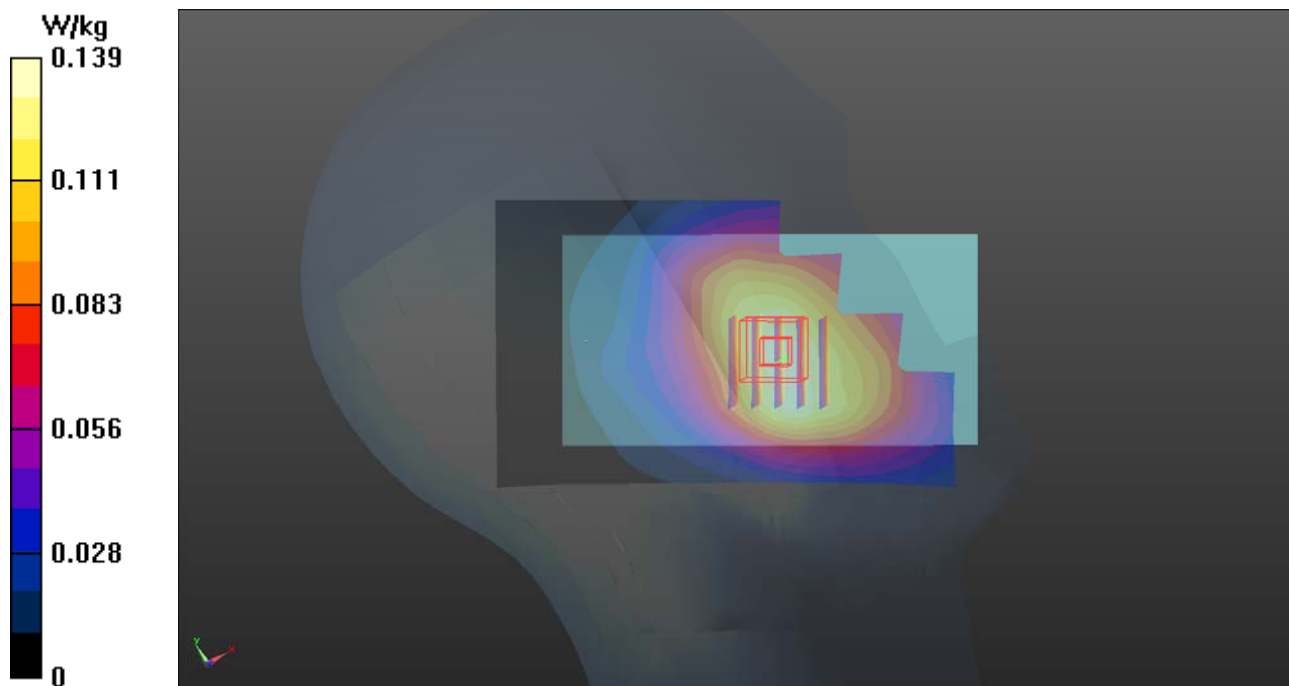
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.949 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.149 W/kg

SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.097 W/kg

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



P14 LTE 17_QPSK10M_Right Cheek_Ch23800_Ant0_1RB_OS0

DUT: 151221C02

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

Medium: H06T09N1_0131 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.853 \text{ S/m}$; $\epsilon_r = 43.88$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.9 °C ; Liquid Temperature : 23.6 °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_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

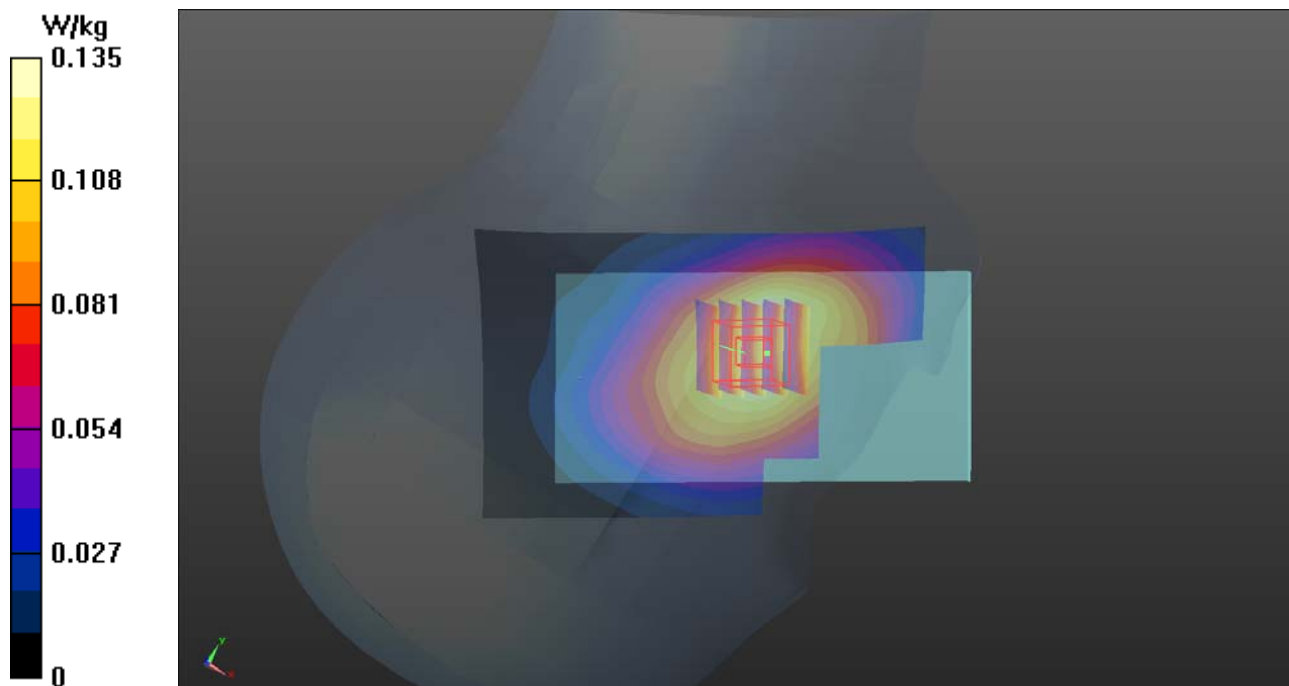
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.158 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.146 W/kg

SAR(1 g) = 0.120 W/kg; SAR(10 g) = 0.097 W/kg

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



P15 LTE 30_QPSK10M_Right Cheek_Ch27710_Ant1_1RB_OS0

DUT: 151221C02

Communication System: LTE; Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: H19T27N2_0210 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.728$ S/m; $\epsilon_r = 38.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.76, 7.76, 7.76); Calibrated: 2015/03/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- 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) = 0.440 W/kg

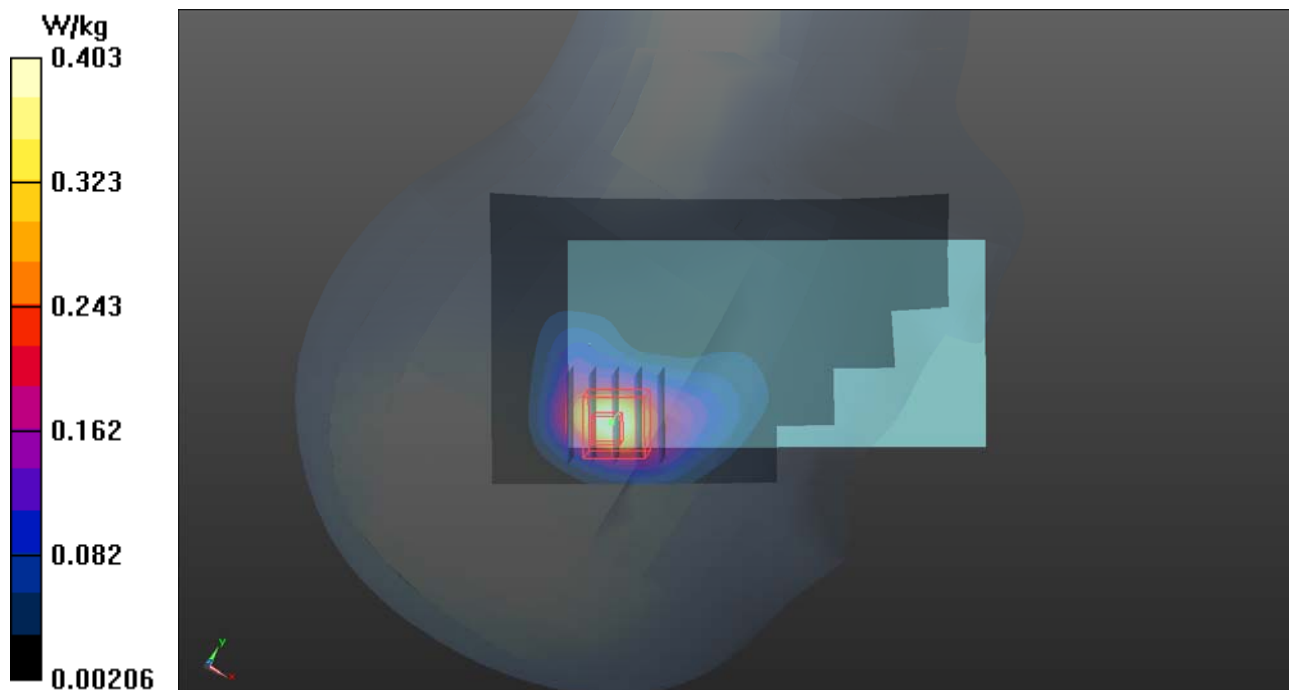
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.514 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.571 W/kg

SAR(1 g) = 0.265 W/kg; SAR(10 g) = 0.129 W/kg

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



P16 2.4G WLAN_802.11b_Left Cheek_Ch11_Ant0

DUT: 151221C02

Communication System: WLAN_2.4G; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: H19T27N2_0126 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.898$ S/m; $\epsilon_r = 38.358$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.35, 7.35, 7.35); 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 (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.07 W/kg

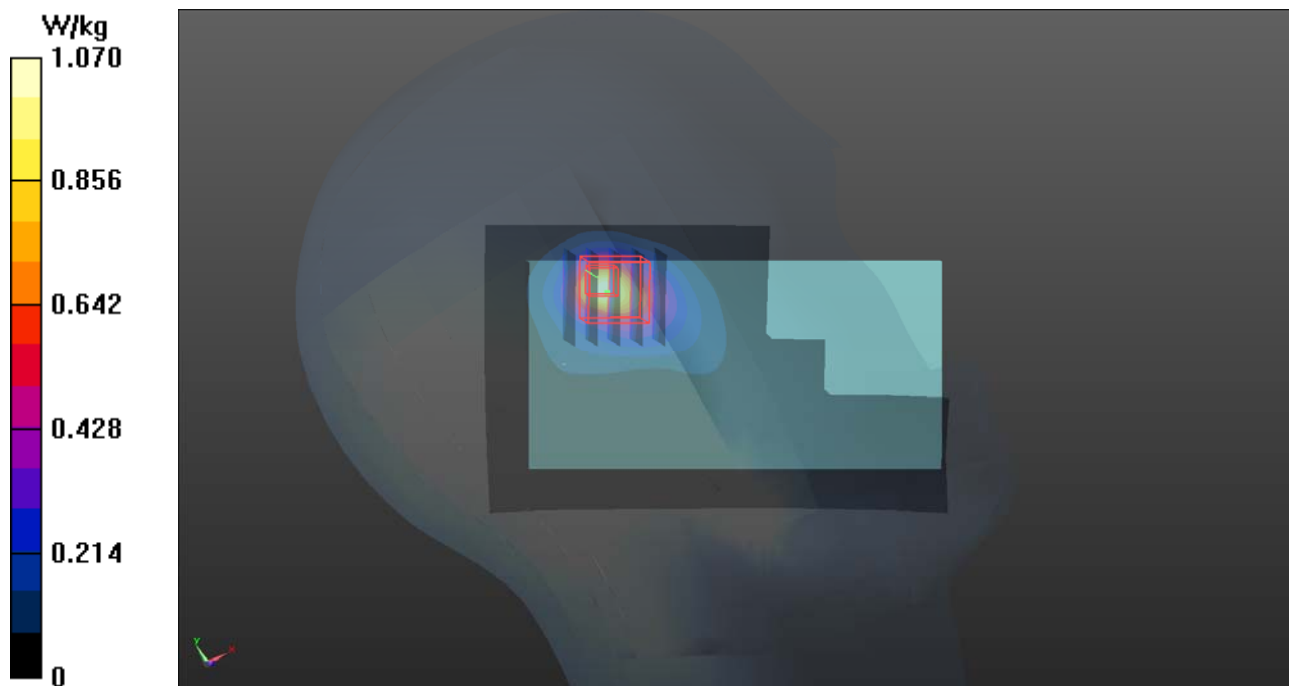
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.460 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.550 W/kg; SAR(10 g) = 0.247 W/kg

Maximum value of SAR (measured) = 0.929 W/kg



P17 5.3G WLAN_802.11ac VH80_Right Cheek_Ch58_An0

DUT: 151221C02

Communication System: WLAN_5G; Frequency: 5290 MHz; Duty Cycle: 1:1

Medium: H34T60N1_0211 Medium parameters used: $f = 5290$ MHz; $\sigma = 4.651$ S/m; $\epsilon_r = 37.407$; $\rho = 1000$ kg/m³

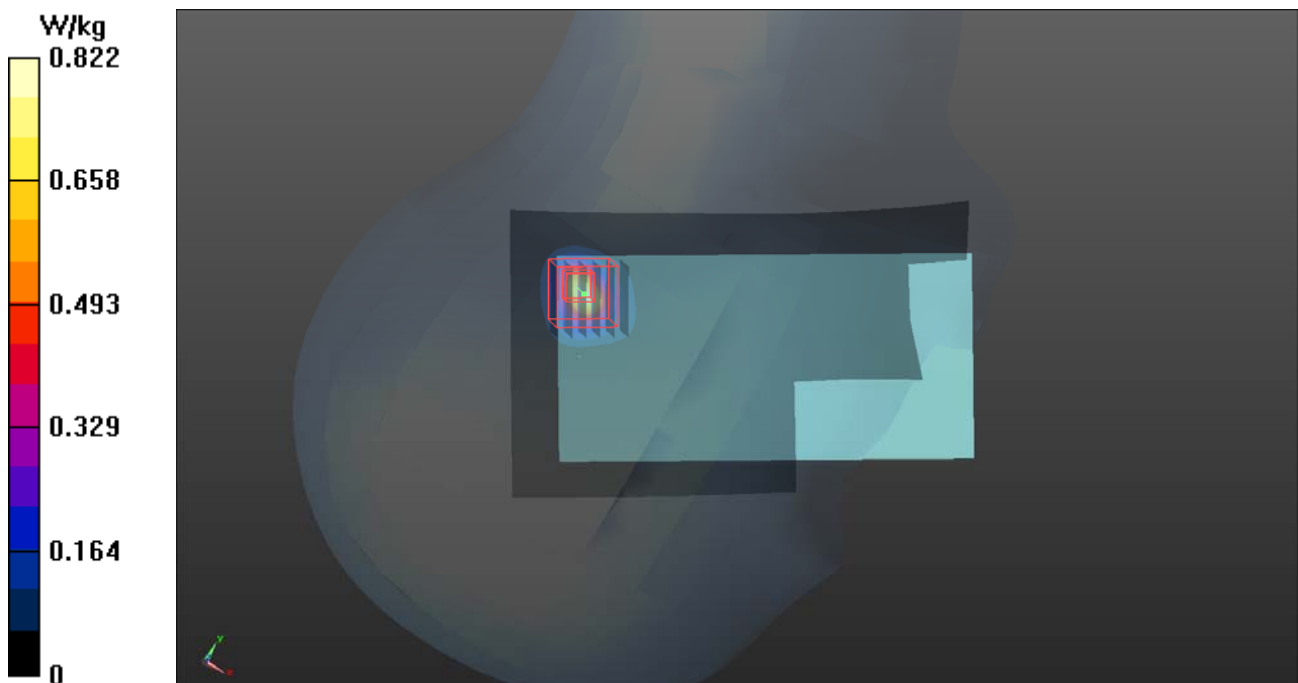
Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(5.18, 5.18, 5.18); Calibrated: 2015/03/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- 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) = 0.822 W/kg

- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 2.145 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.253 W/kg; SAR(10 g) = 0.075 W/kg
Maximum value of SAR (measured) = 0.600 W/kg



P18 5.6G WLAN_802.11ac VH80_Right Cheek_Ch106_An0

DUT: 151221C02

Communication System: WLAN_5G; Frequency: 5530 MHz; Duty Cycle: 1:1

Medium: H34T60N1_0211 Medium parameters used: $f = 5530$ MHz; $\sigma = 4.879$ S/m; $\epsilon_r = 37.075$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(5.09, 5.09, 5.09); Calibrated: 2015/03/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- 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) = 0.716 W/kg

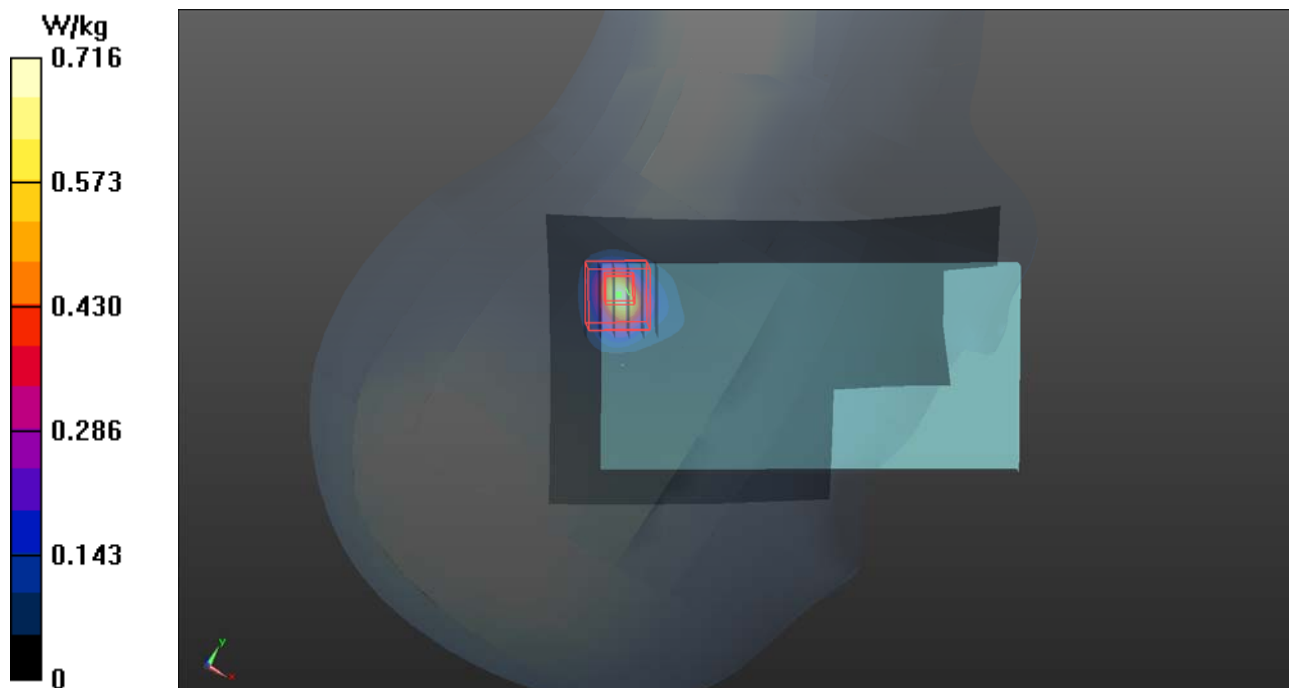
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 1.546 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.281 W/kg; SAR(10 g) = 0.081 W/kg

Maximum value of SAR (measured) = 0.680 W/kg



P19 5.8GWLAN_802.11ac VH80_Right Cheek_Ch155_Ant0

DUT: 151221C02

Communication System: WLAN_5G; Frequency: 5775 MHz; Duty Cycle: 1:1

Medium: H34T60N1_0126 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.229$ S/m; $\epsilon_r = 36.918$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °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_1653; 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) = 0.410 W/kg

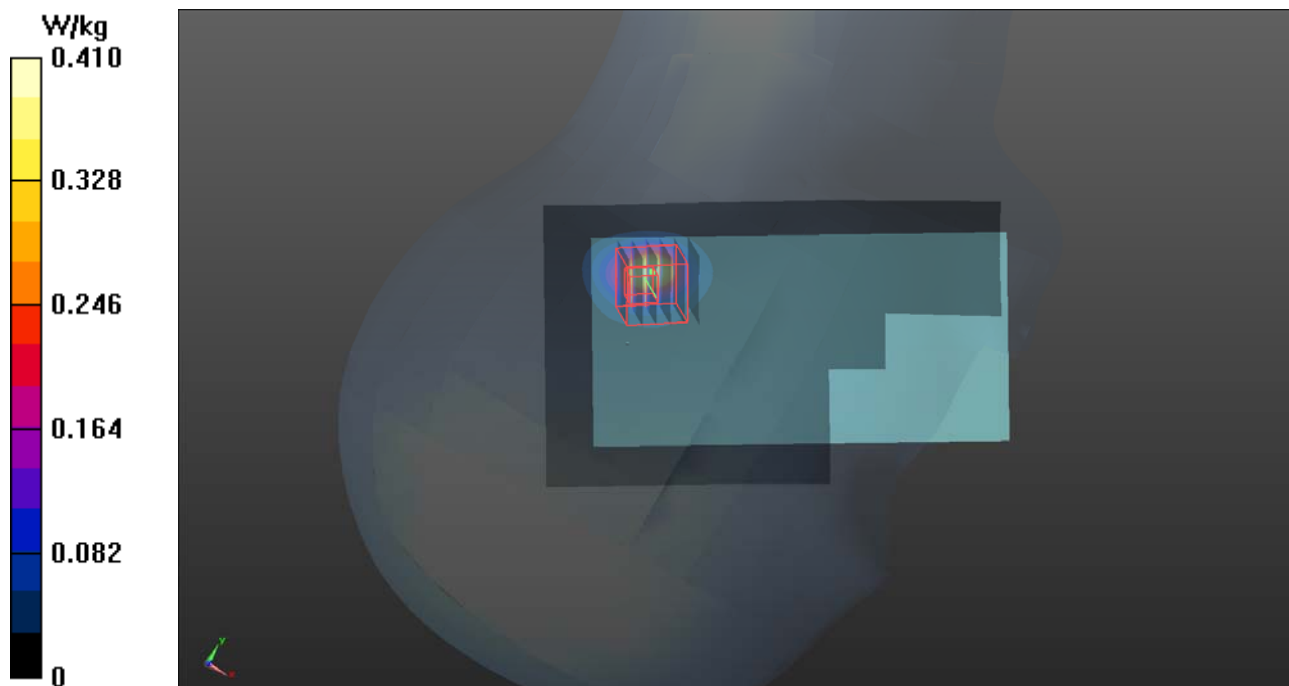
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 1.089 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.072 W/kg

Maximum value of SAR (measured) = 0.611 W/kg



P20 GSM850_GPRS10_Rear Face_1cm_Ch128_Ant0

DUT: 151221C02

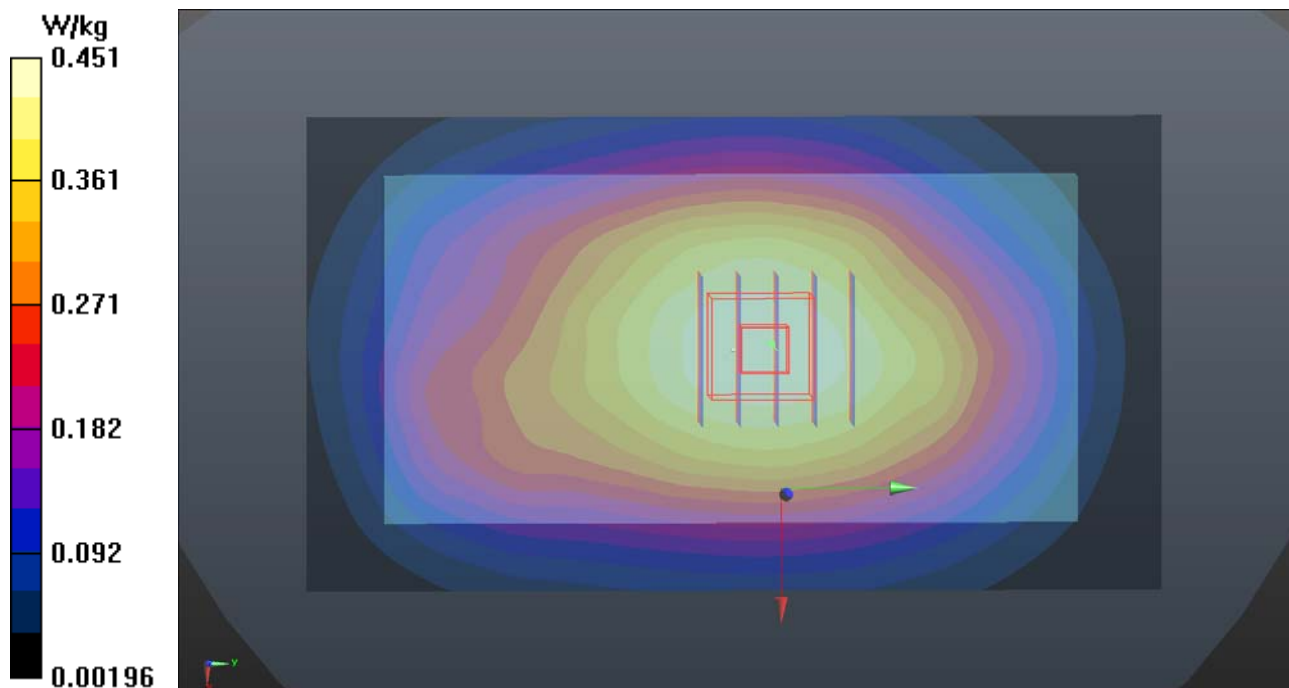
Communication System: GPRS10; Frequency: 824.2 MHz; Duty Cycle: 1:4
Medium: B07T10N1_0126 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.963$ S/m; $\epsilon_r = 57.792$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.2 °C

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_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.451 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.19 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.480 W/kg
SAR(1 g) = 0.366 W/kg; SAR(10 g) = 0.280 W/kg
Maximum value of SAR (measured) = 0.441 W/kg



P21 GSM1900_GPRS12_Rear Face_1cm_Ch661_Ant0

DUT: 151221C02

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

Medium: B16T20N2_0202 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ S/m; $\epsilon_r = 50.971$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.85, 7.85, 7.85); Calibrated: 2015/03/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- 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) = 0.590 W/kg

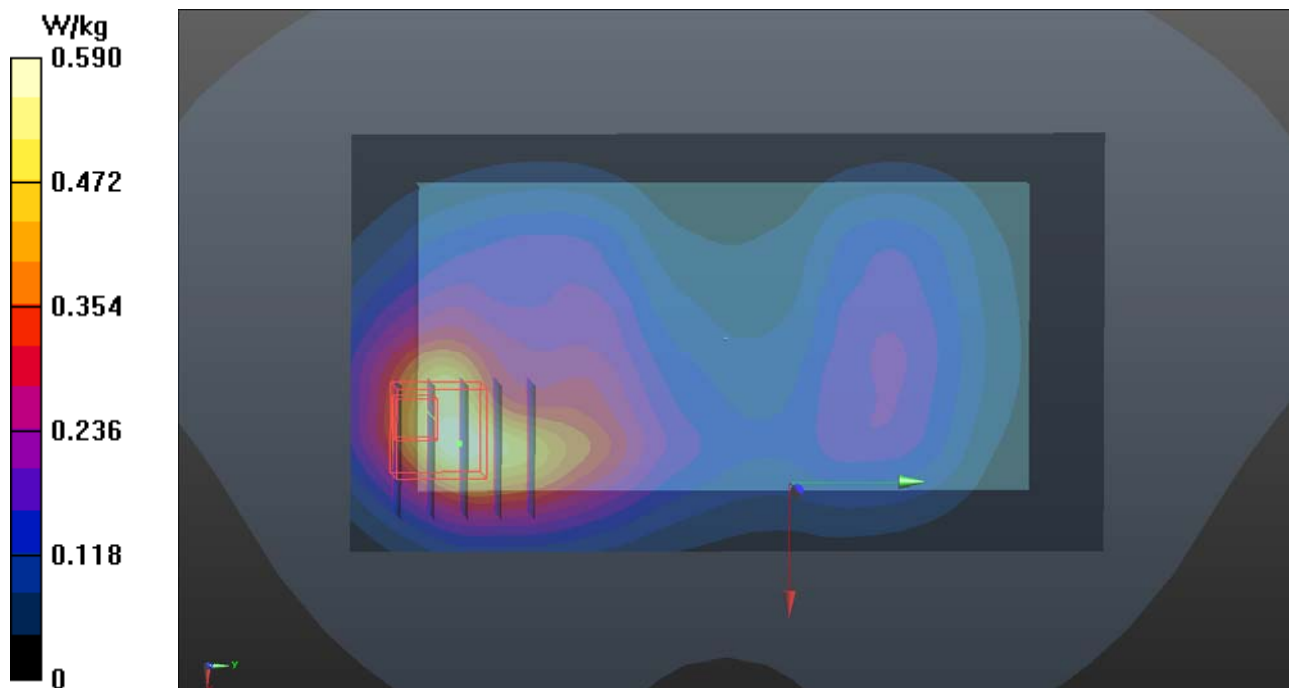
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.953 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.750 W/kg

SAR(1 g) = 0.389 W/kg; SAR(10 g) = 0.195 W/kg

Maximum value of SAR (measured) = 0.589 W/kg



P22 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9400_Ant0

DUT: 151221C02

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

Medium: B16T20N2_0202 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ S/m; $\epsilon_r = 50.971$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.85, 7.85, 7.85); Calibrated: 2015/03/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- 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) = 0.665 W/kg

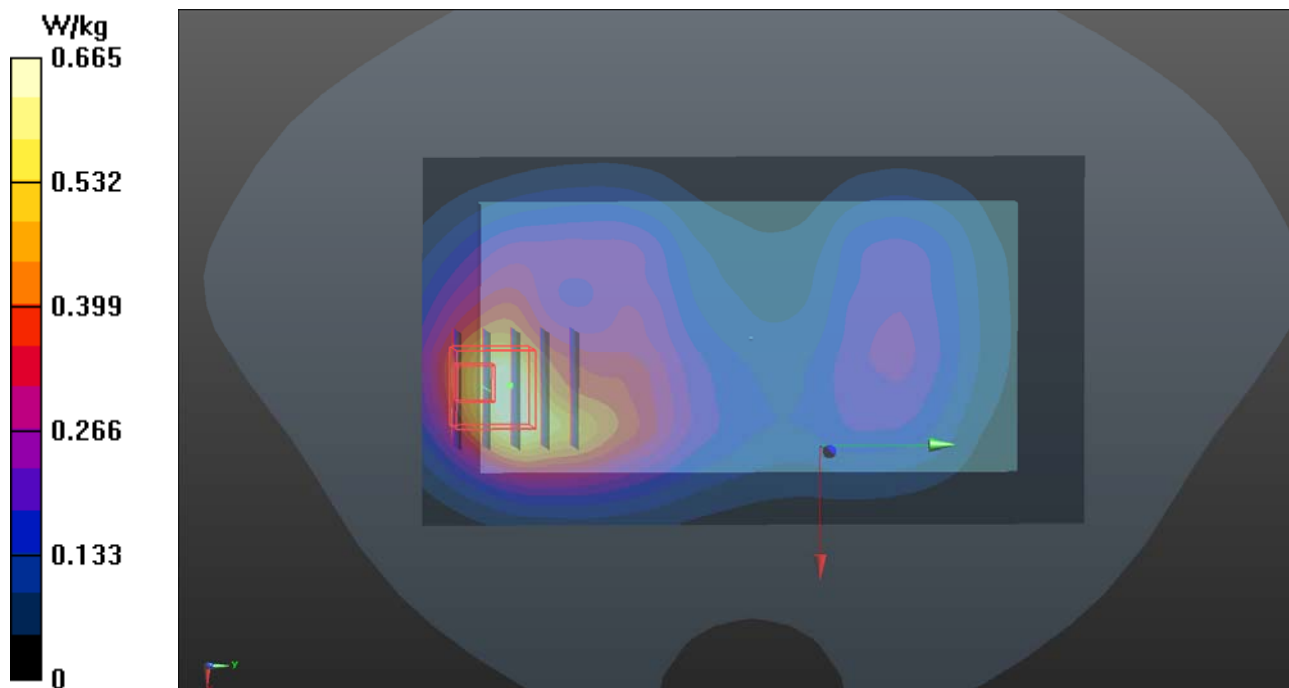
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.036 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.960 W/kg

SAR(1 g) = 0.475 W/kg; SAR(10 g) = 0.249 W/kg

Maximum value of SAR (measured) = 0.785 W/kg



P23 WCDMA IV_RMC12.2K_Rear Face_1cm_Ch1413_Ant0

DUT: 151221C02

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: B16T20N2_0202 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.44$ S/m; $\epsilon_r = 51.424$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.04, 8.04, 8.04); Calibrated: 2015/03/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- 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) = 0.793 W/kg

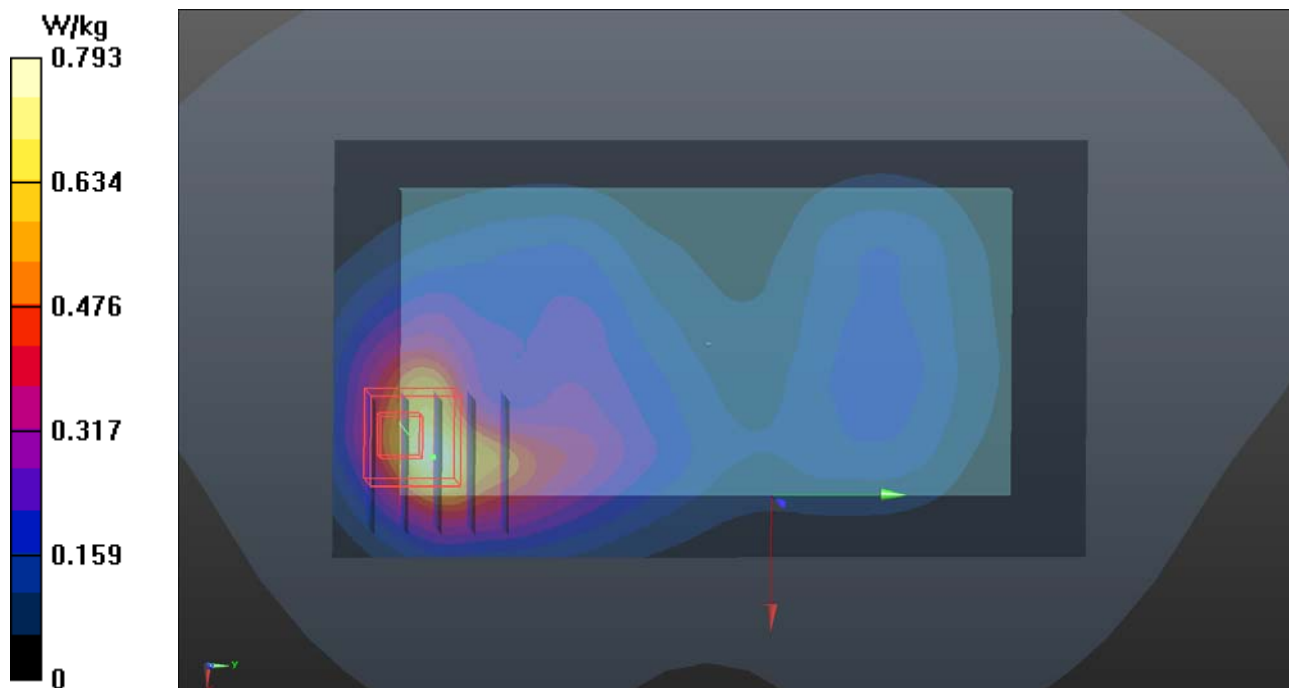
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.969 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.934 W/kg

SAR(1 g) = 0.488 W/kg; SAR(10 g) = 0.248 W/kg

Maximum value of SAR (measured) = 0.770 W/kg



P24 WCDMA V_RMC12.2k_Rear Face_1cm_Ch4233_Ant0

DUT: 151221C02

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

Medium: B07T10N3_0203 Medium parameters used: $f = 847$ MHz; $\sigma = 1.005$ S/m; $\epsilon_r = 54.579$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(9.73, 9.73, 9.73); Calibrated: 2015/03/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- 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) = 0.224 W/kg

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

Reference Value = 15.34 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.247 W/kg

SAR(1 g) = 0.183 W/kg; SAR(10 g) = 0.139 W/kg

Maximum value of SAR (measured) = 0.224 W/kg

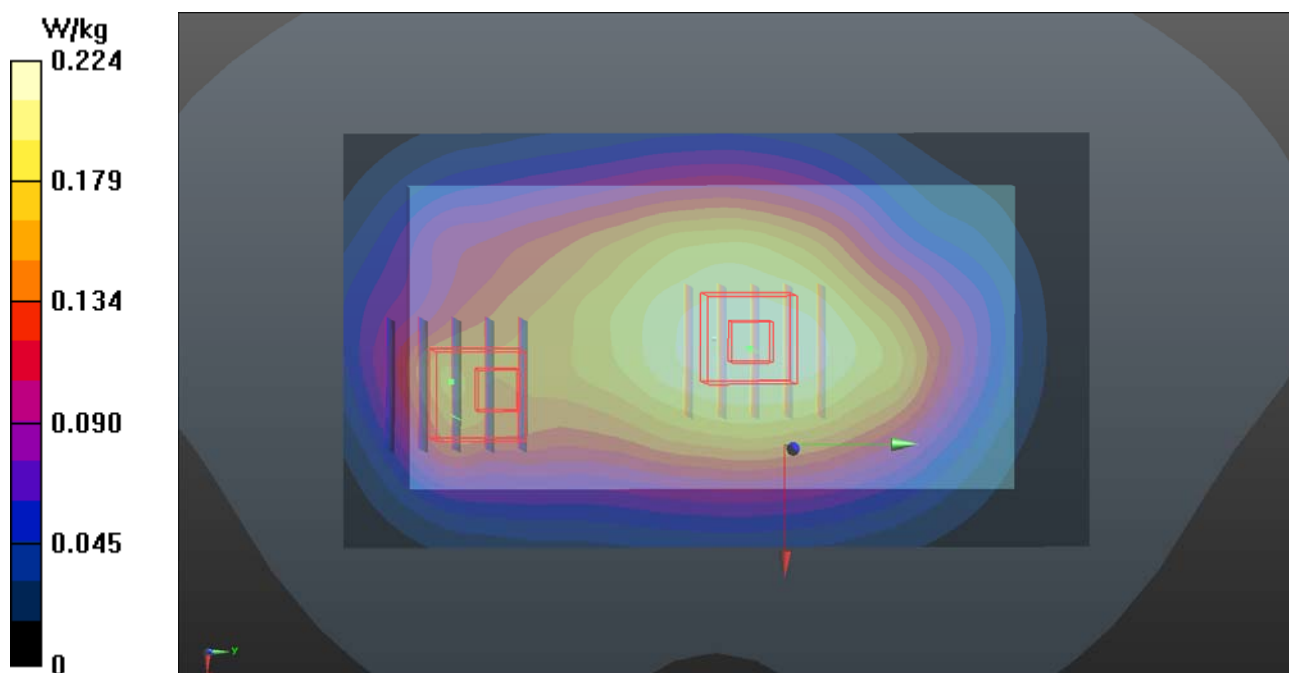
- **Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.34 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.188 W/kg

SAR(1 g) = 0.115 W/kg; SAR(10 g) = 0.075 W/kg

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



P25 CDMA2000 BC0_RTAP153.6_Rear Face_1cm_Ch777_Ant0

DUT: 151221C02

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: B07T10N3_0203 Medium parameters used: $f = 848.31$ MHz; $\sigma = 1.007$ S/m; $\epsilon_r = 54.571$; ρ

$= 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(9.73, 9.73, 9.73); Calibrated: 2015/03/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- 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) = 0.266 W/kg

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

Reference Value = 16.79 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.285 W/kg

SAR(1 g) = 0.214 W/kg; SAR(10 g) = 0.163 W/kg

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

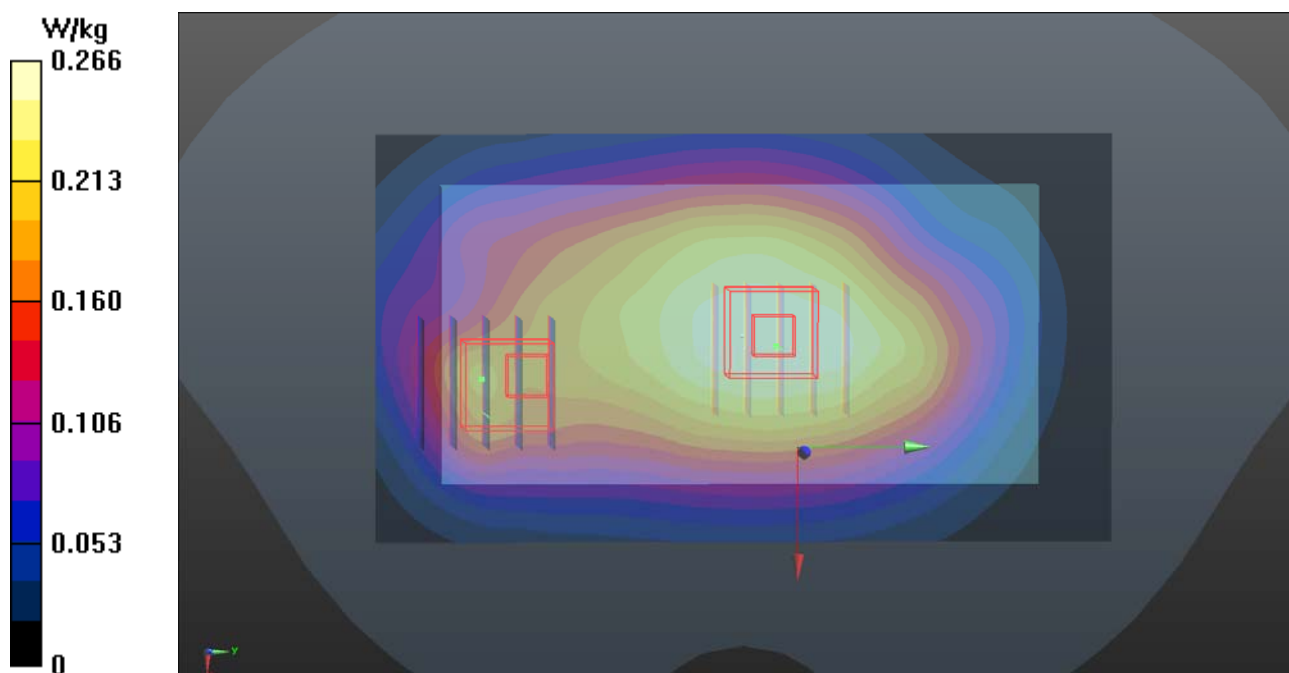
- **Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.79 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.223 W/kg

SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.091 W/kg

Maximum value of SAR (measured) = 0.185 W/kg



P26 CDMA2000 BC1_RTAP 153.6_Rear Face_1cm_Ch600_Ant0

DUT: 151221C02

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: B16T20N1_0127 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.56$ S/m; $\epsilon_r = 52.288$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °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) = 0.808 W/kg

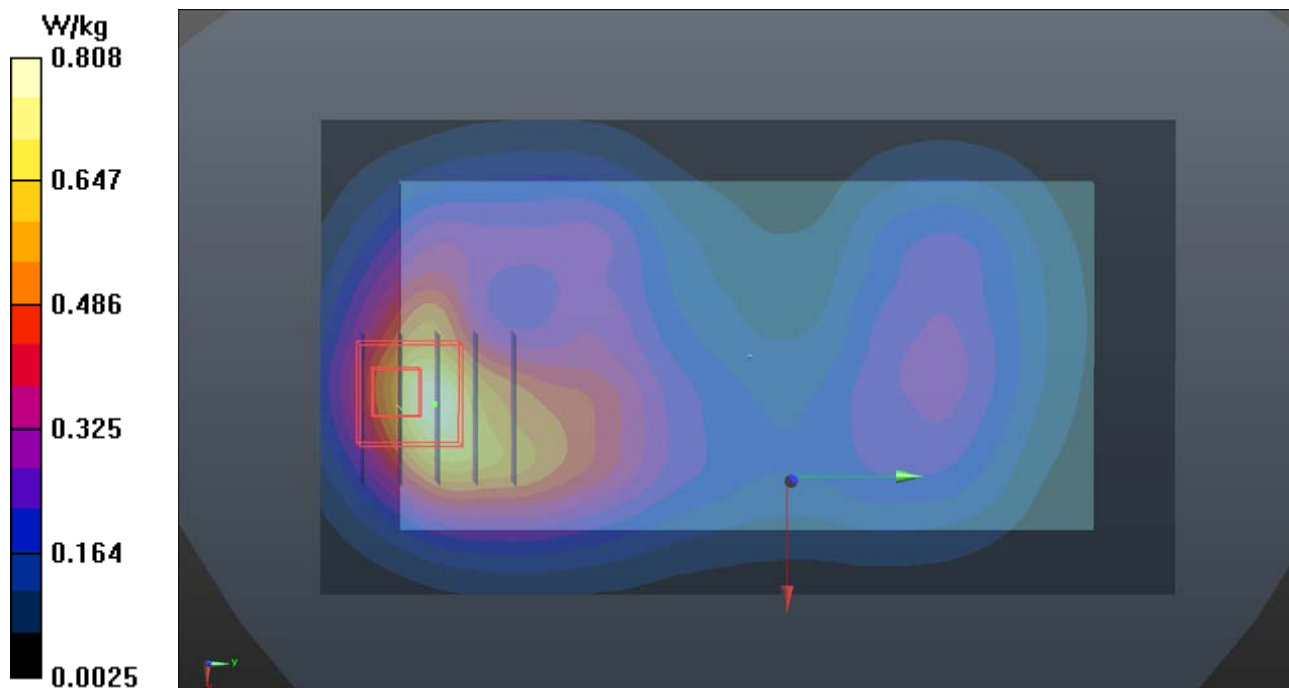
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.258 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.982 W/kg

SAR(1 g) = 0.523 W/kg; SAR(10 g) = 0.273 W/kg

Maximum value of SAR (measured) = 0.830 W/kg



P27 LTE 2_QPSK20M_Front Face_1cm_Ch18900_Ant0_1RB_OS0

DUT: 151221C02

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

Medium: B16T20N2_0202 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ S/m; $\epsilon_r = 50.971$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.85, 7.85, 7.85); Calibrated: 2015/03/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- 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) = 0.835 W/kg

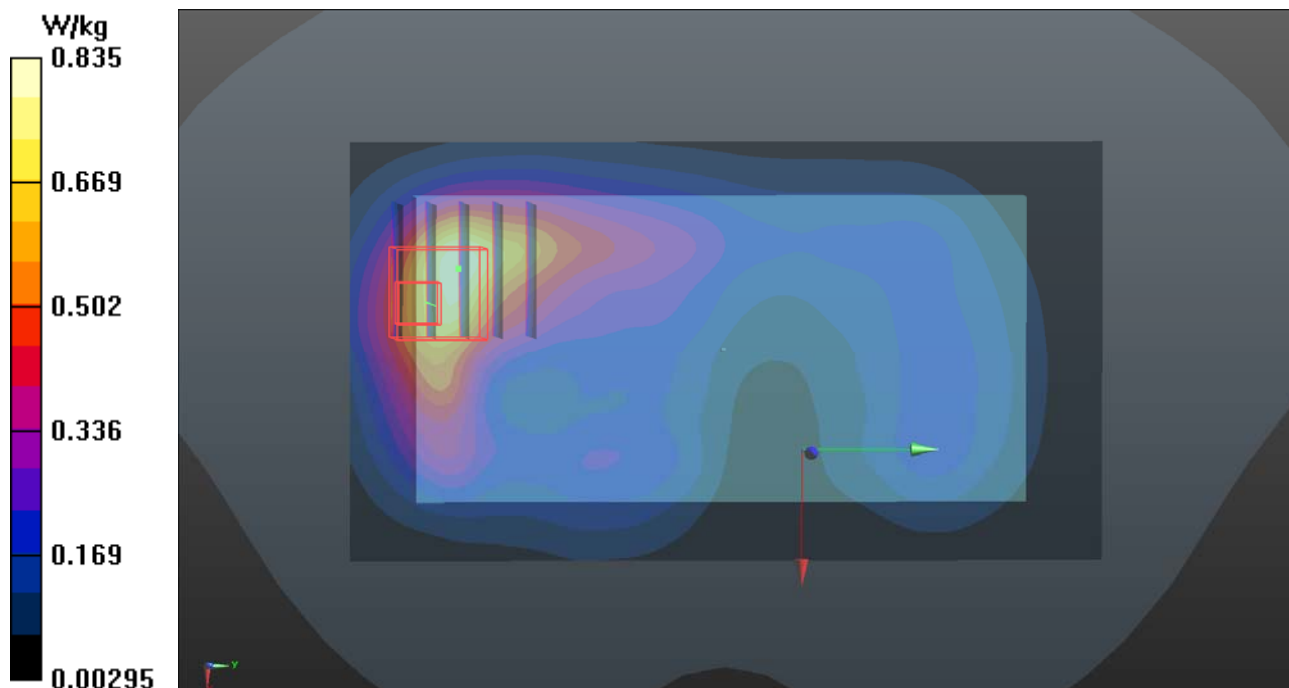
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.873 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.932 W/kg

SAR(1 g) = 0.482 W/kg; SAR(10 g) = 0.262 W/kg

Maximum value of SAR (measured) = 0.762 W/kg



P28 LTE 4_QPSK20M_Front Face_1cm_Ch20300_Ant0_1RB_OS0

DUT: 151221C02

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

Medium: B16T20N2_0202 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.451$ S/m; $\epsilon_r = 51.383$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.04, 8.04, 8.04); Calibrated: 2015/03/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- 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) = 0.606 W/kg

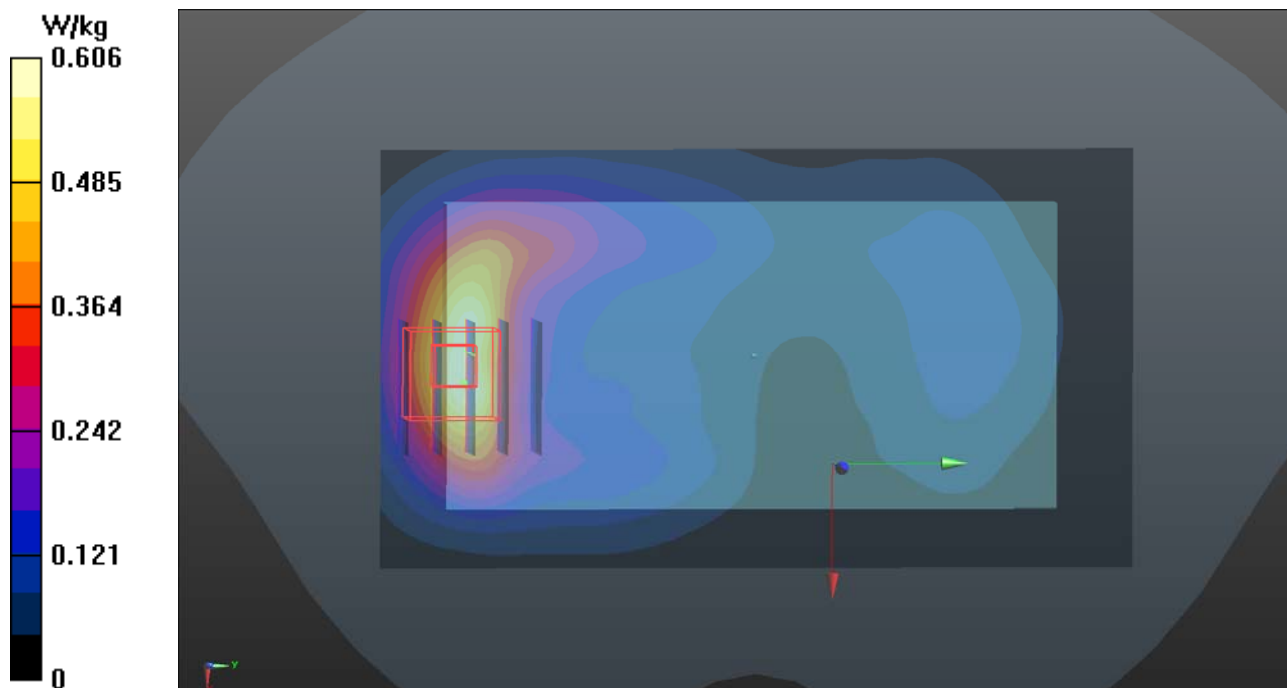
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.070 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.802 W/kg

SAR(1 g) = 0.459 W/kg; SAR(10 g) = 0.250 W/kg

Maximum value of SAR (measured) = 0.675 W/kg



P29 LTE 5_QPSK10M_Rear Face_1cm_Ch20450_Ant0_1RB_OS49

DUT: 151221C02

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

Medium: B07T10N2_0206 Medium parameters used: $f = 829$ MHz; $\sigma = 0.974$ S/m; $\epsilon_r = 56.546$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(9.73, 9.73, 9.73); Calibrated: 2015/03/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- 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) = 0.231 W/kg

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

Reference Value = 15.86 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.250 W/kg

SAR(1 g) = 0.190 W/kg; SAR(10 g) = 0.146 W/kg

Maximum value of SAR (measured) = 0.229 W/kg

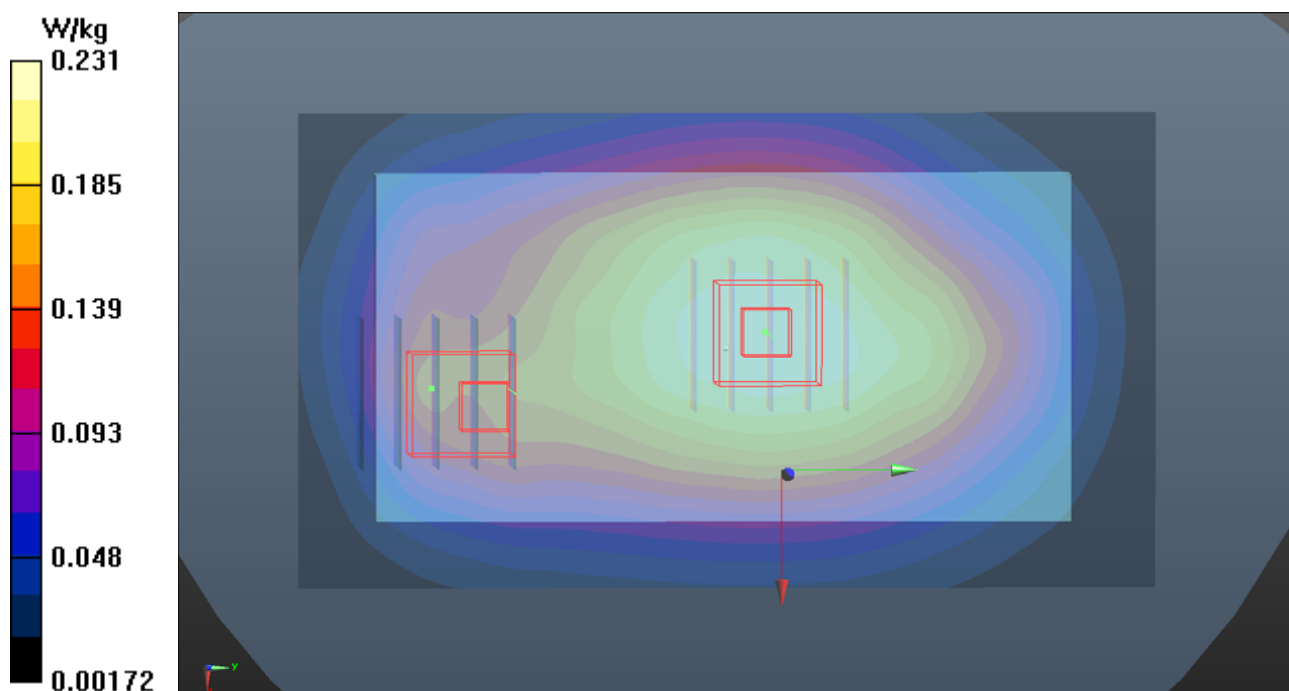
- **Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.86 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.168 W/kg

SAR(1 g) = 0.109 W/kg; SAR(10 g) = 0.068 W/kg

Maximum value of SAR (measured) = 0.149 W/kg



P30 LTE7_QPSK20M_Rear Face_1cm_Ch21100_Ant0_1RB_OS0

DUT: 151221C02

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

Medium: B19T27N1_0205 Medium parameters used: $f = 2535$ MHz; $\sigma = 2.119$ S/m; $\epsilon_r = 51.361$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(6.77, 6.77, 6.77); Calibrated: 2015/03/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- 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) = 0.377 W/kg

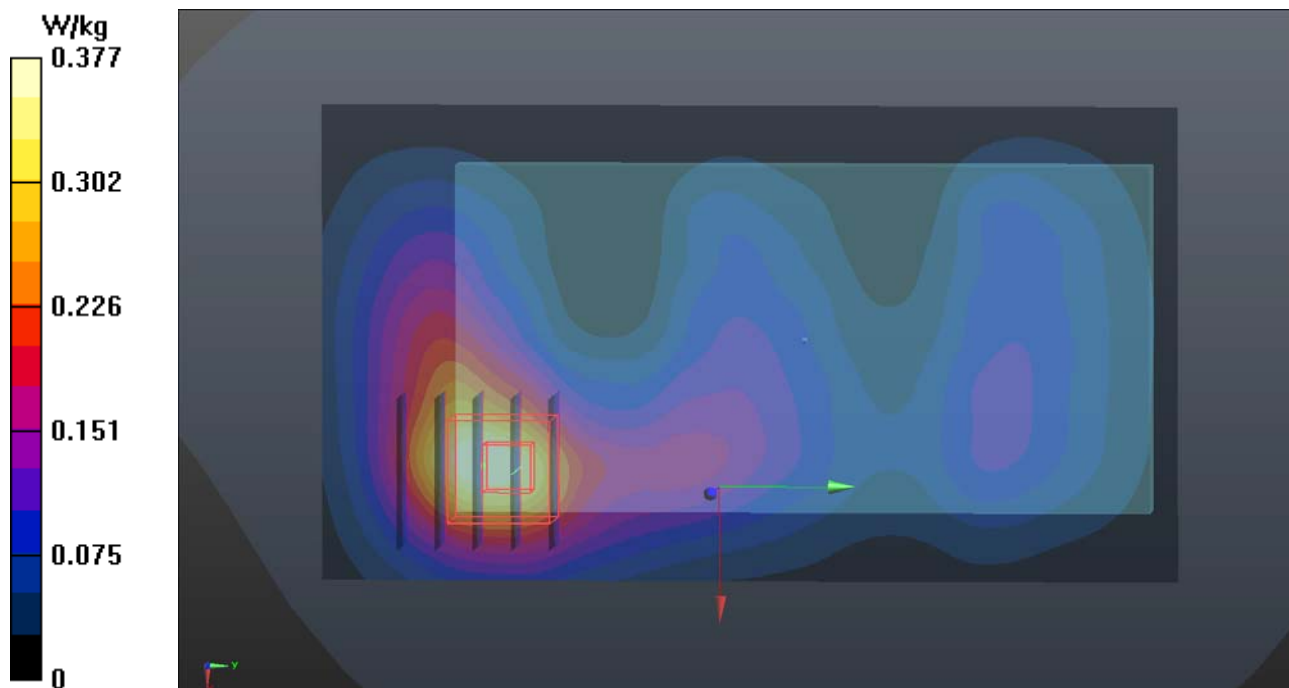
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.525 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.438 W/kg

SAR(1 g) = 0.221 W/kg; SAR(10 g) = 0.117 W/kg

Maximum value of SAR (measured) = 0.342 W/kg



P31 LTE12_QPSK10M_Rear Face_1cm_Ch23060_Ant0_1RB_OS49

DUT: 151221C02

Communication System: LTE; Frequency: 704 MHz; Duty Cycle: 1:1

Medium: B06T09N1_0205 Medium parameters used: $f = 704 \text{ MHz}$; $\sigma = 0.919 \text{ S/m}$; $\epsilon_r = 55.972$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $23.0 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(9.82, 9.82, 9.82); Calibrated: 2015/03/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- 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) = 0.240 W/kg

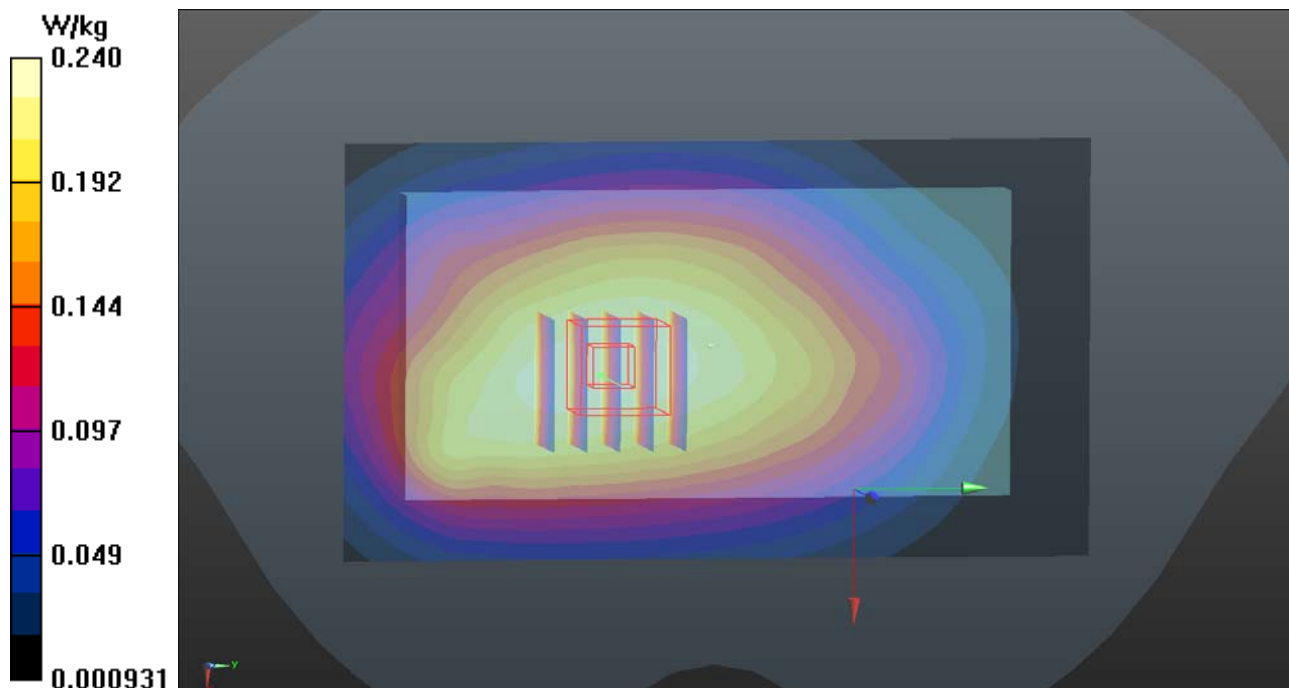
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.98 V/m ; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.258 W/kg

SAR(1 g) = 0.199 W/kg ; SAR(10 g) = 0.154 W/kg

Maximum value of SAR (measured) = 0.237 W/kg



P32 LTE 13_QPSK10M_Rear Face_1cm_Ch23230_Ant0_1RB_OS24

DUT: 151221C02

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

Medium: B07T10N2_0207 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.931 \text{ S/m}$; $\epsilon_r = 55.911$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.6 \text{ }^\circ\text{C}$; Liquid Temperature : $23.1 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(9.82, 9.82, 9.82); Calibrated: 2015/03/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- 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) = 0.146 W/kg

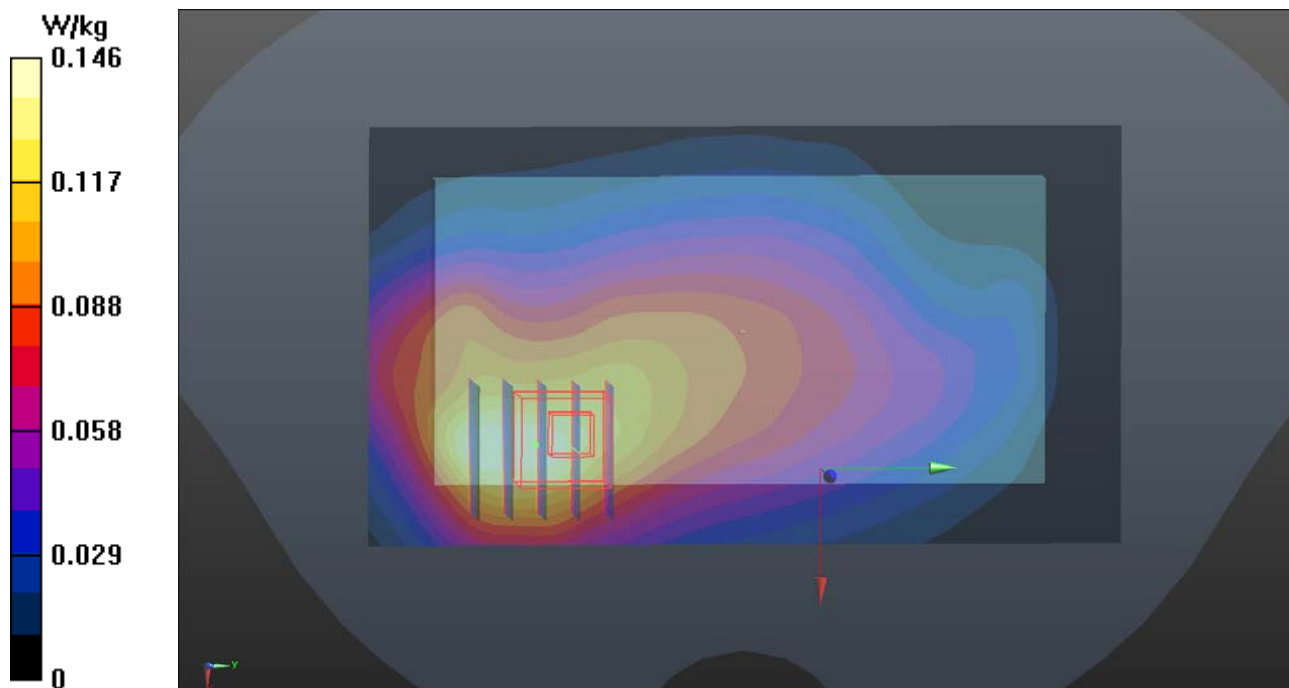
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.00 V/m ; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.164 W/kg

SAR(1 g) = 0.108 W/kg ; SAR(10 g) = 0.071 W/kg

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



P33 LTE17_QPSK10M_Rear Face_1cm_Ch23800_Ant0_1RB_OS0

DUT: 151221C02

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

Medium: B06T09N1_0205 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.925 \text{ S/m}$; $\epsilon_r = 55.906$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(9.82, 9.82, 9.82); Calibrated: 2015/03/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- 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) = 0.243 W/kg

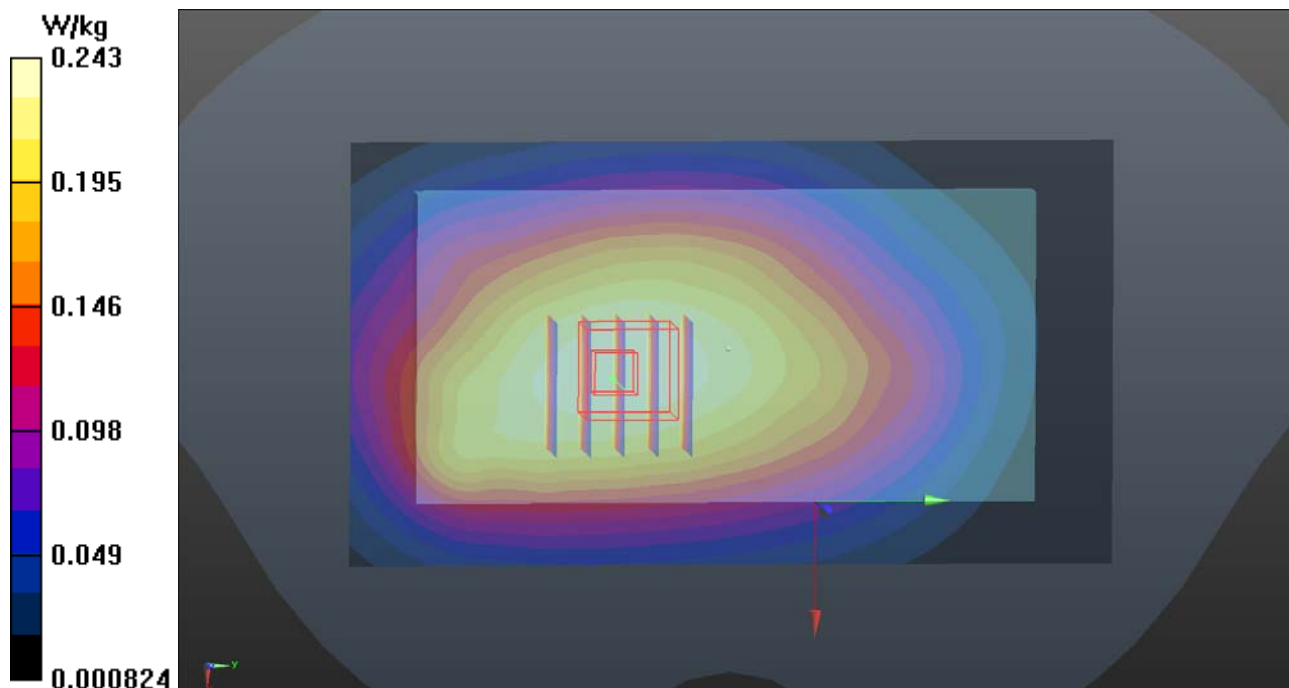
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.90 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.260 W/kg

SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.156 W/kg

Maximum value of SAR (measured) = 0.239 W/kg



P34 LTE 30_QPSK10M_Rear Face_1cm_Ch27710_Ant0_1RB_OS0

DUT: 151221C02

Communication System: LTE; Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: B19T27N1_0208 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.857$ S/m; $\epsilon_r = 52.029$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.29, 7.29, 7.29); Calibrated: 2015/03/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (121x201x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.346 W/kg

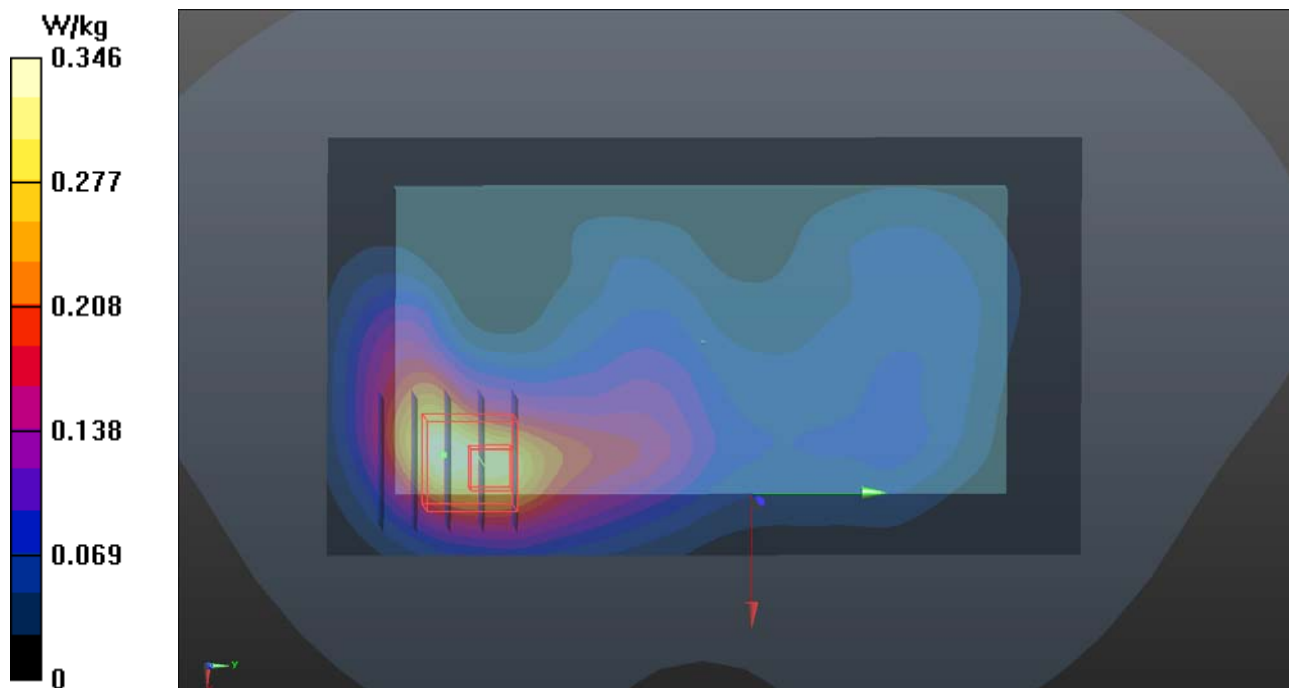
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.408 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.380 W/kg

SAR(1 g) = 0.209 W/kg; SAR(10 g) = 0.108 W/kg

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



P35 2.4G WLAN_802.11b_Front Face_1cm_Ch11_Ant1

DUT: 151221C02

Communication System: WLAN_2.4G; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: B19T27N2_0203 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.036$ S/m; $\epsilon_r = 50.629$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.12, 7.12, 7.12); Calibrated: 2015/03/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (121x201x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.186 W/kg

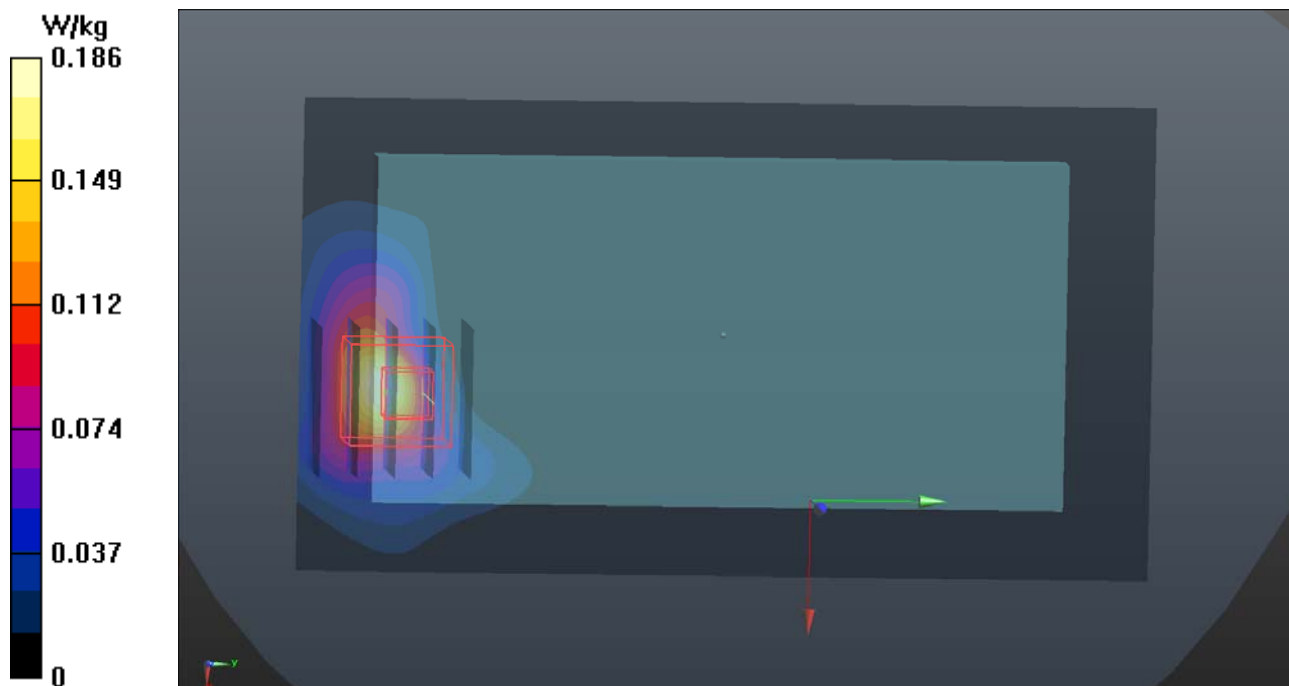
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 0.246 W/kg

SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.045 W/kg

Maximum value of SAR (measured) = 0.175 W/kg



P36 5.3G WLAN_802.11ac Vh80_Front Face_1cm_Ch58_An0

DUT: 151221C02

Communication System: WLAN_5G; Frequency: 5290 MHz; Duty Cycle: 1:1

Medium: B34T60N2_0212 Medium parameters used: $f = 5290$ MHz; $\sigma = 5.52$ S/m; $\epsilon_r = 47.097$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(4.3, 4.3, 4.3); Calibrated: 2015/03/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- 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) = 0.132 W/kg

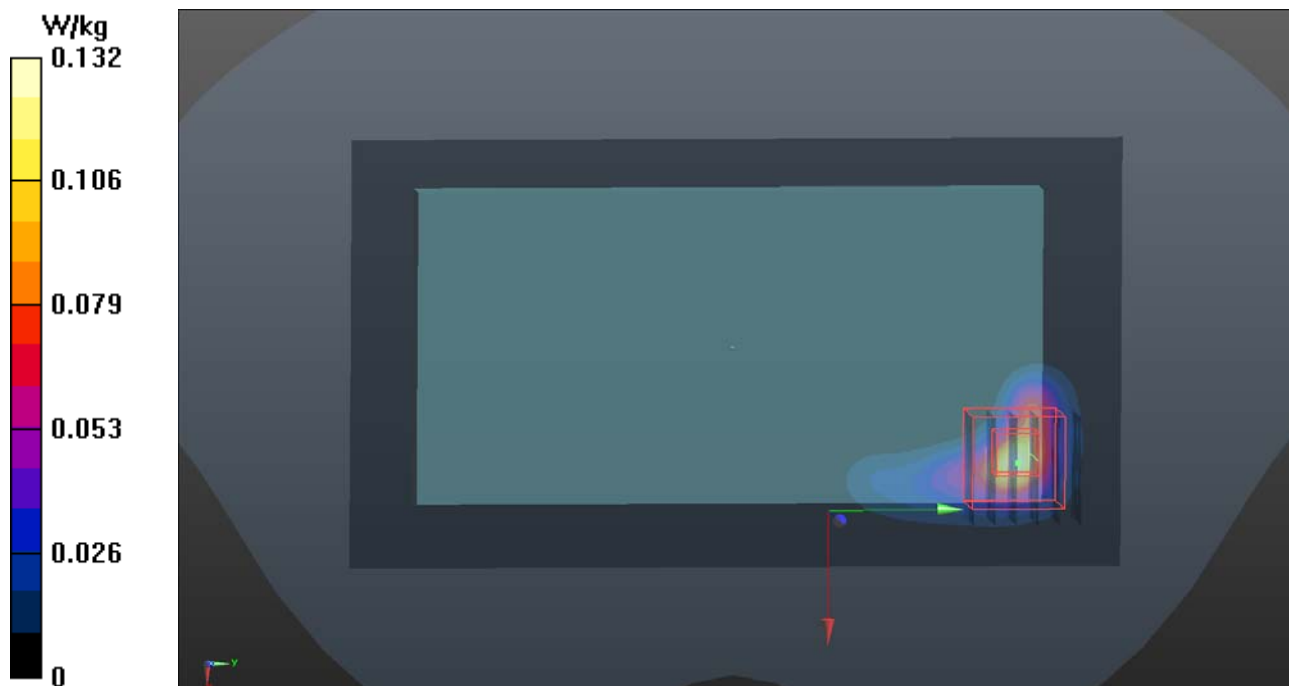
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

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

Peak SAR (extrapolated) = 0.246 W/kg

SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.017 W/kg

Maximum value of SAR (measured) = 0.170 W/kg



P37 5.6G WLAN_802.11ac VH80_Front Face_1cm_Ch106_An0

DUT: 151221C02

Communication System: WLAN_5G; Frequency: 5530 MHz; Duty Cycle: 1:1

Medium: B34T60N2_0212 Medium parameters used: $f = 5530$ MHz; $\sigma = 5.805$ S/m; $\epsilon_r = 46.67$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(3.88, 3.88, 3.88); Calibrated: 2015/03/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- 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) = 0.208 W/kg

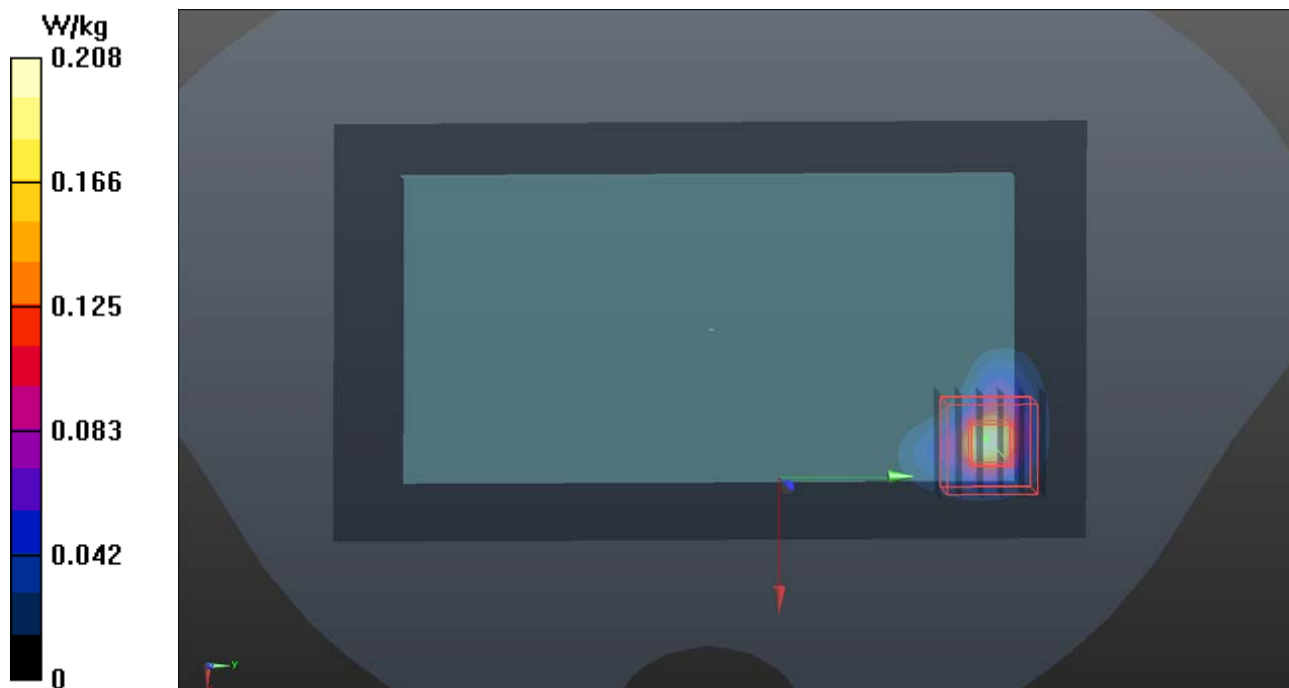
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

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

Peak SAR (extrapolated) = 0.357 W/kg

SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.022 W/kg

Maximum value of SAR (measured) = 0.216 W/kg



P38 5.8G WLAN_802.11ac VH80_Front Face_1cm_Ch155_An0

DUT: 151221C02

Communication System: WLAN_5G; Frequency: 5775 MHz; Duty Cycle: 1:1

Medium: B34T60N2_0212 Medium parameters used: $f = 5775$ MHz; $\sigma = 6.125$ S/m; $\epsilon_r = 46.16$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(4.07, 4.07, 4.07); Calibrated: 2015/03/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- 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) = 0.0439 W/kg

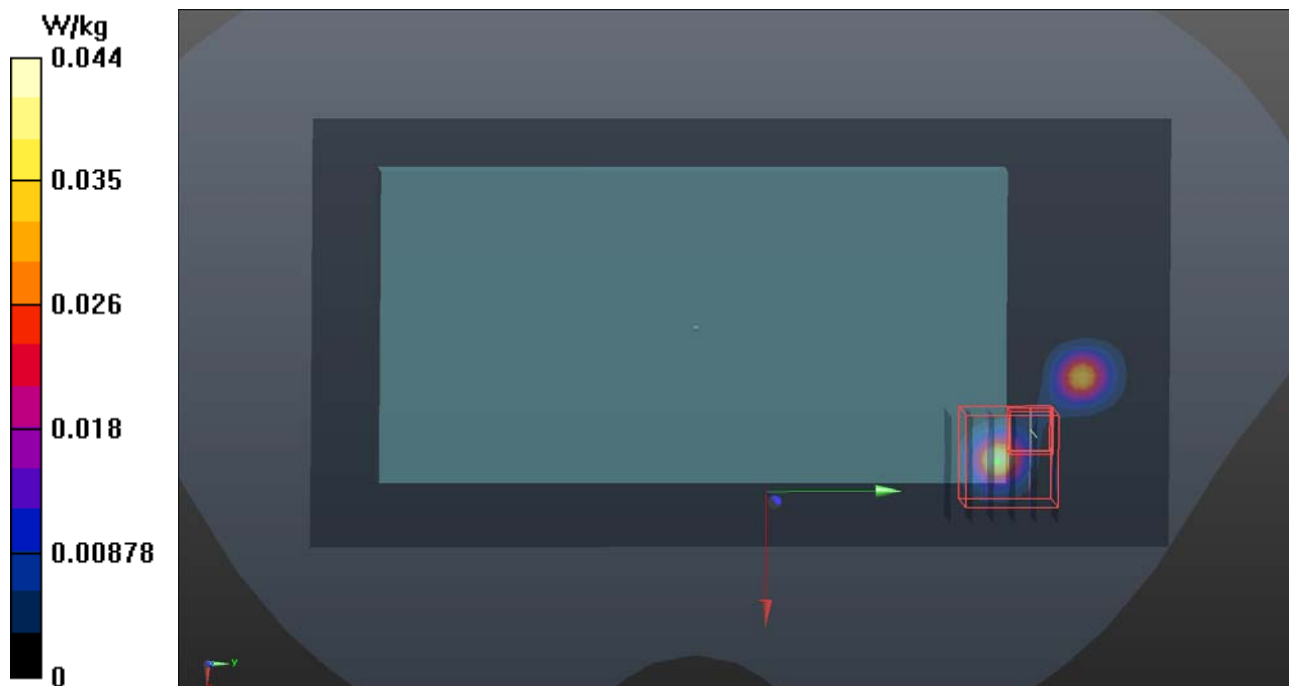
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

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

Peak SAR (extrapolated) = 0.259 W/kg

SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.011 W/kg

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



P39 LTE 4_QPSK20M_Bottom Side_1cm_Ch20300_Ant0_1RB_OS0

DUT: 151221C02

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

Medium: B16T20N2_0202 Medium parameters used: $f = 1745 \text{ MHz}$; $\sigma = 1.451 \text{ S/m}$; $\epsilon_r = 51.383$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.04, 8.04, 8.04); Calibrated: 2015/03/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- 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) = 0.798 W/kg

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

Reference Value = 22.80 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.901 W/kg

SAR(1 g) = 0.528 W/kg; SAR(10 g) = 0.290 W/kg

Maximum value of SAR (measured) = 0.772 W/kg

