



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 CDMA2000 BC0_RC3+SO55_Right Cheek_Ch1013_Ant0

DUT: 160301C04

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: H07T10N3_0401 Medium parameters used: $f = 825$ MHz; $\sigma = 0.918$ S/m; $\epsilon_r = 43.079$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(9.8, 9.8, 9.8); Calibrated: 2015/09/02;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: Twin SAM Phantom_1822; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

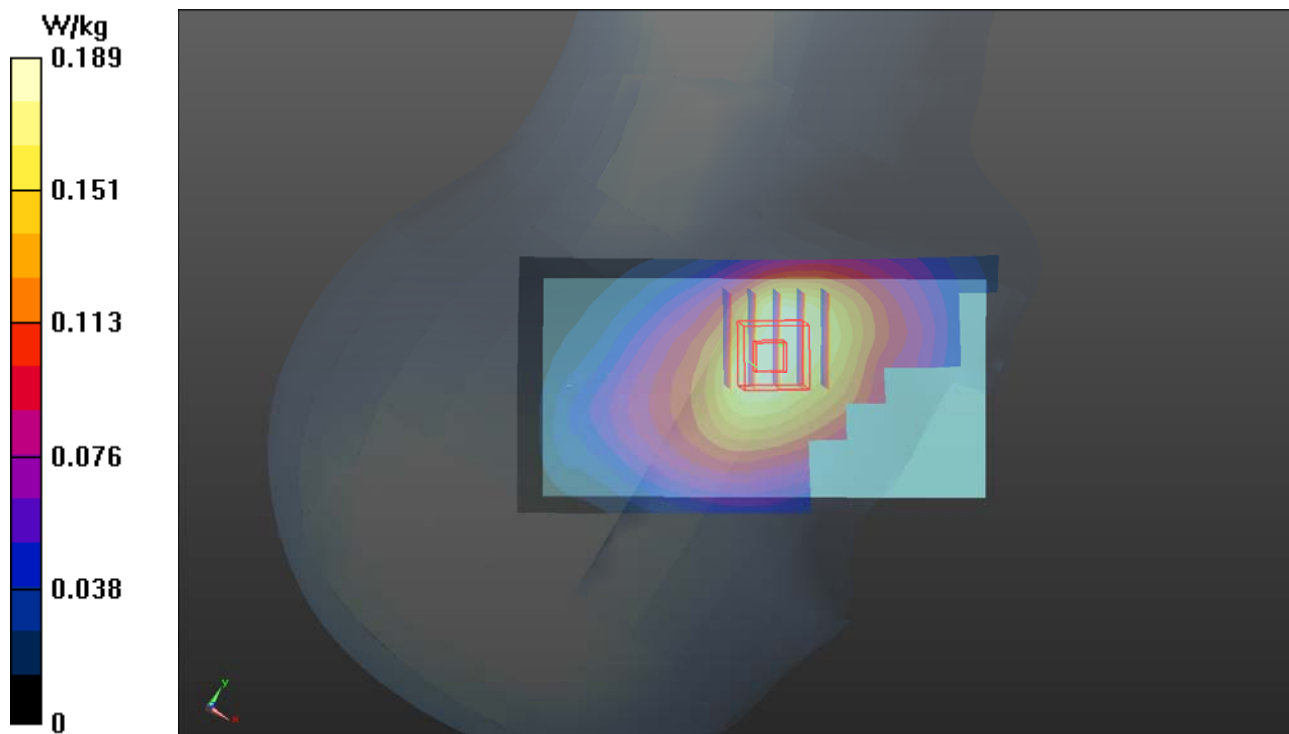
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.798 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.198 W/kg

SAR(1 g) = 0.161 W/kg; SAR(10 g) = 0.126 W/kg

Maximum value of SAR (measured) = 0.184 W/kg



P02 CDMA2000 BC1_RC3+SO55_Right Cheek_Ch25_Ant1

DUT: 160301C04

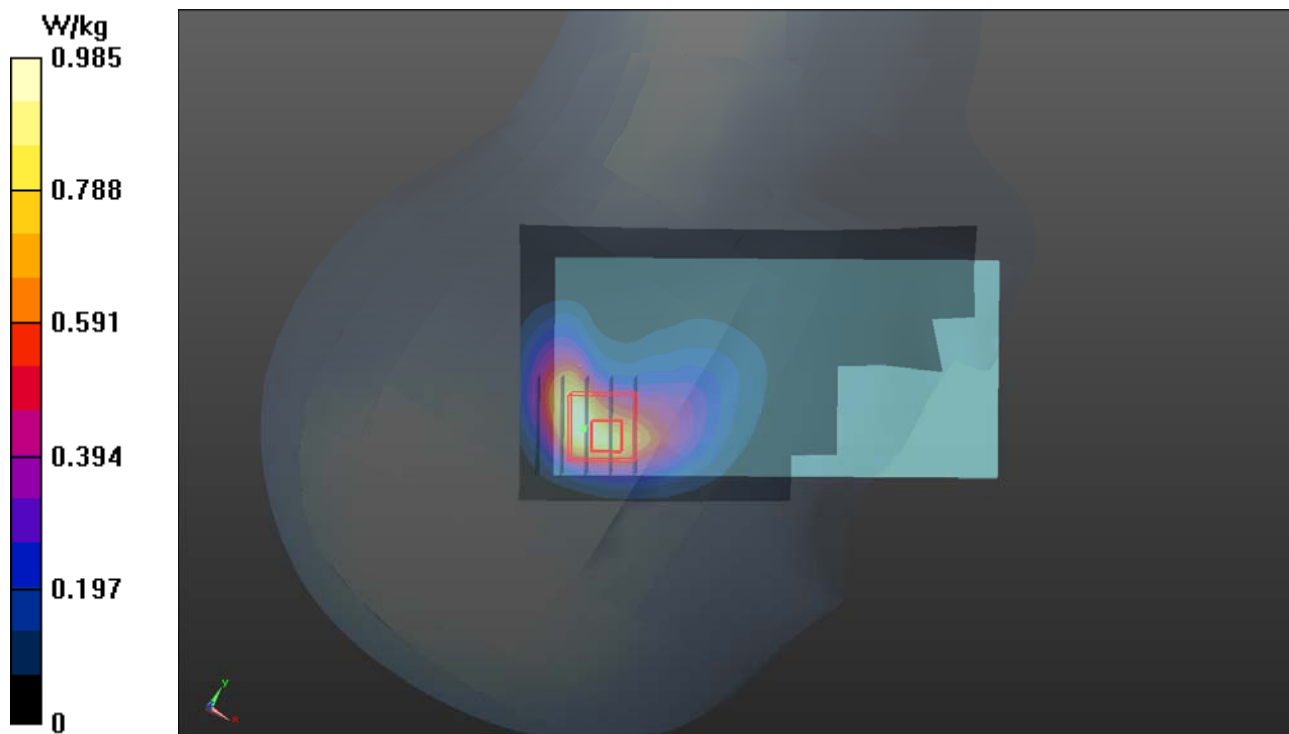
Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium: H16T20N1_0401 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.414$ S/m; $\epsilon_r = 38.513$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(8.33, 8.33, 8.33); Calibrated: 2015/09/02;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.985 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.26 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.552 W/kg; SAR(10 g) = 0.290 W/kg
Maximum value of SAR (measured) = 0.818 W/kg



P03 CDMA2000 BC10_RC3+SO55_Right Cheek_Ch580_Ant0

DUT: 160301C04

Communication System: CDMA2000 ; Frequency: 820.5 MHz; Duty Cycle: 1:1

Medium: H07T10N3_0401 Medium parameters used: $f = 820.5$ MHz; $\sigma = 0.913$ S/m; $\epsilon_r = 43.131$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(9.8, 9.8, 9.8); Calibrated: 2015/09/02;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: Twin SAM Phantom_1822; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.183 W/kg

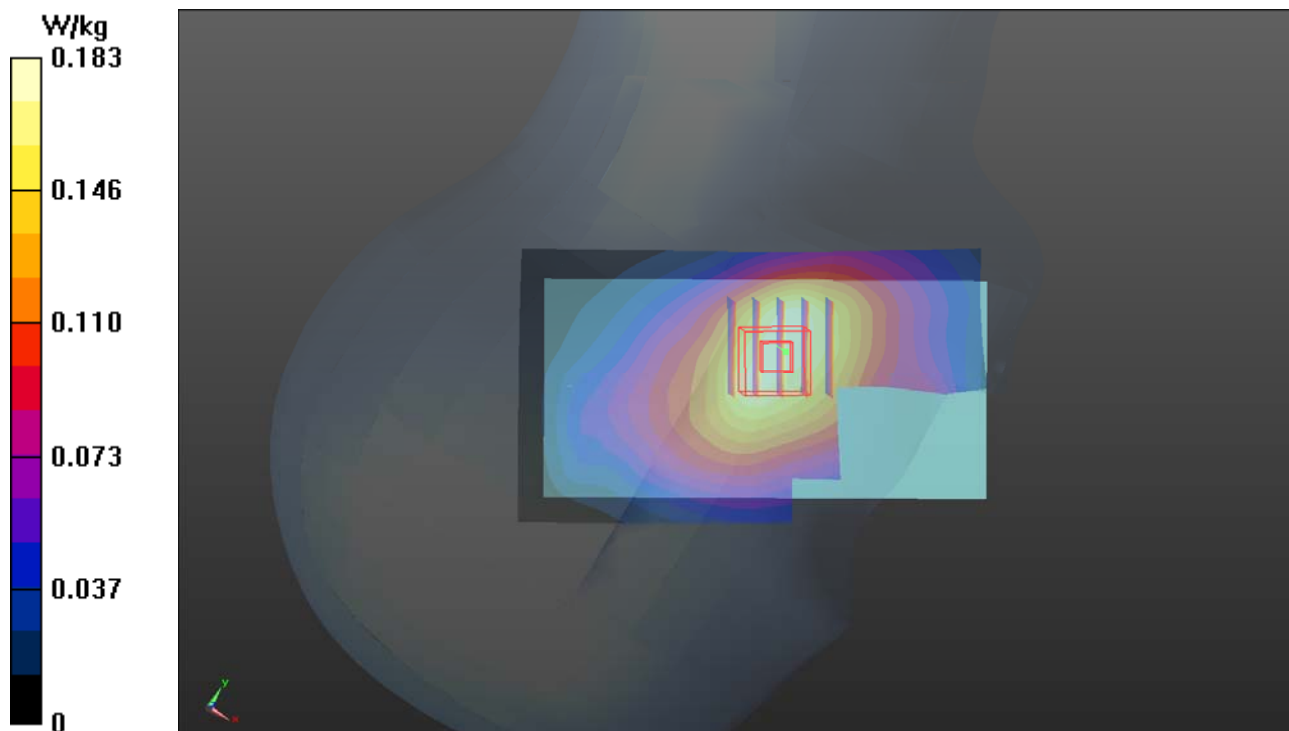
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.836 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.194 W/kg

SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.123 W/kg

Maximum value of SAR (measured) = 0.180 W/kg



P04 LTE 2_QPSK20M_Right Cheek_Ch18900_Ant1_1RB_OS0

DUT: 160301C04

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

Medium: H16T20N1_0401 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.438$ S/m; $\epsilon_r = 38.423$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(8.33, 8.33, 8.33); Calibrated: 2015/09/02;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.753 W/kg

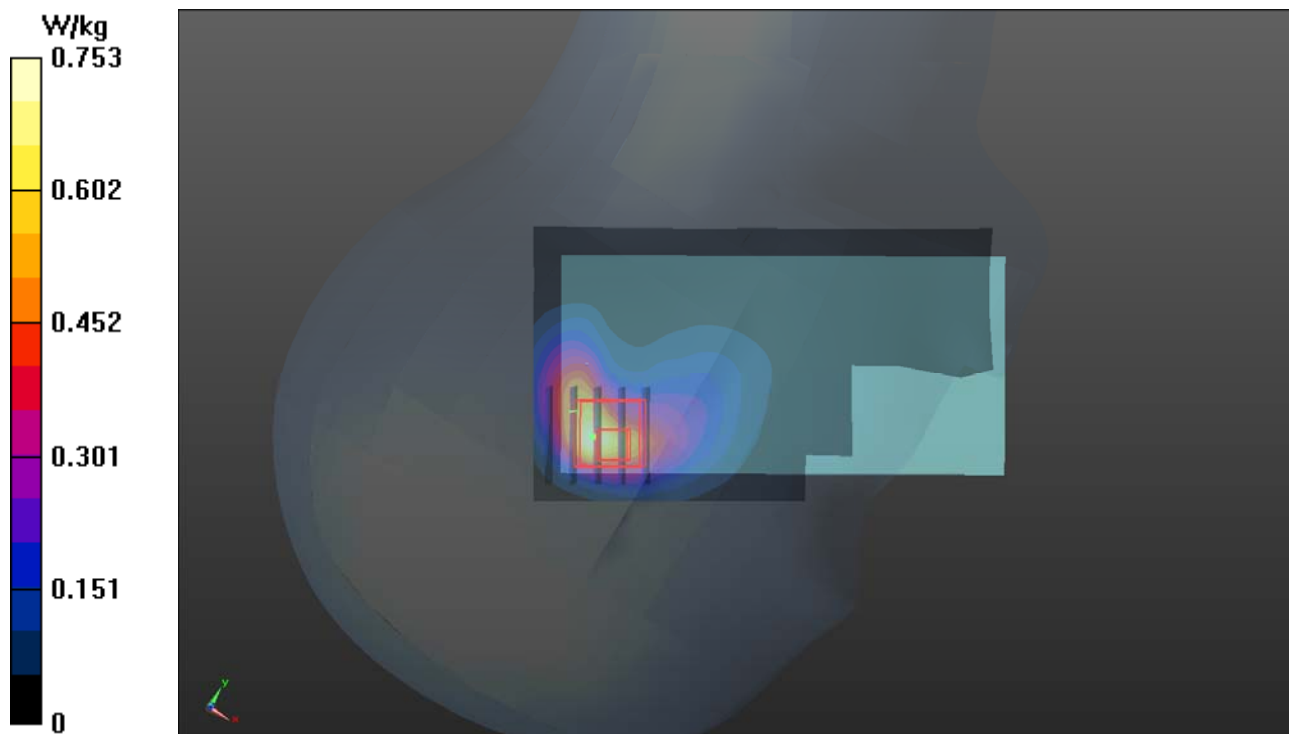
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.04 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.747 W/kg

SAR(1 g) = 0.366 W/kg; SAR(10 g) = 0.199 W/kg

Maximum value of SAR (measured) = 0.590 W/kg



P05 LTE 4_QPSK20M_Right Cheek_Ch20175_Ant1_1RB_OS0

DUT: 160301C04

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: H16T20N1_0401 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.309$ S/m; $\epsilon_r = 38.985$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(8.6, 8.6, 8.6); Calibrated: 2015/09/02;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

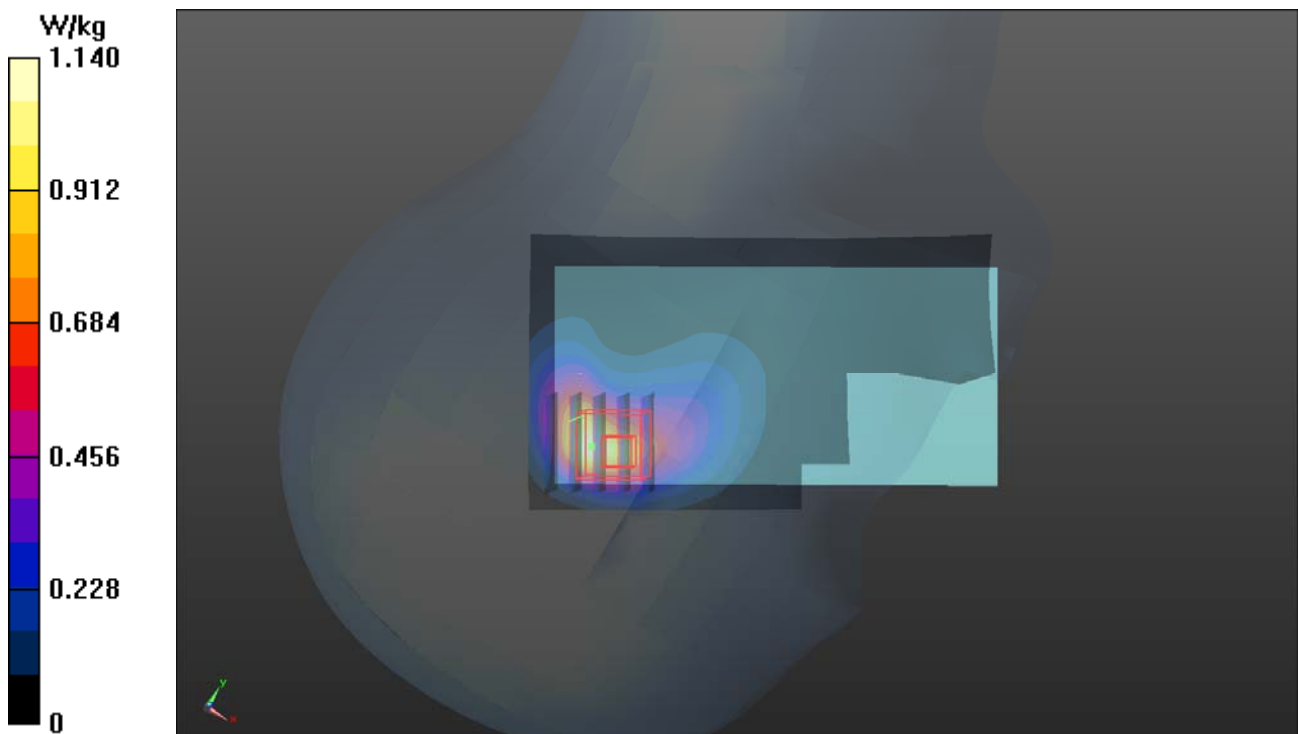
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.06 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.649 W/kg; SAR(10 g) = 0.357 W/kg

Maximum value of SAR (measured) = 0.960 W/kg



P06 LTE 5_QPSK10M_Right Cheek_Ch20450_Ant0_1RB_OS49

DUT: 160301C04

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

Medium: H07T10N3_0401 Medium parameters used: $f = 829$ MHz; $\sigma = 0.922$ S/m; $\epsilon_r = 43.029$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(9.8, 9.8, 9.8); Calibrated: 2015/09/02;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: Twin SAM Phantom_1822; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.161 W/kg

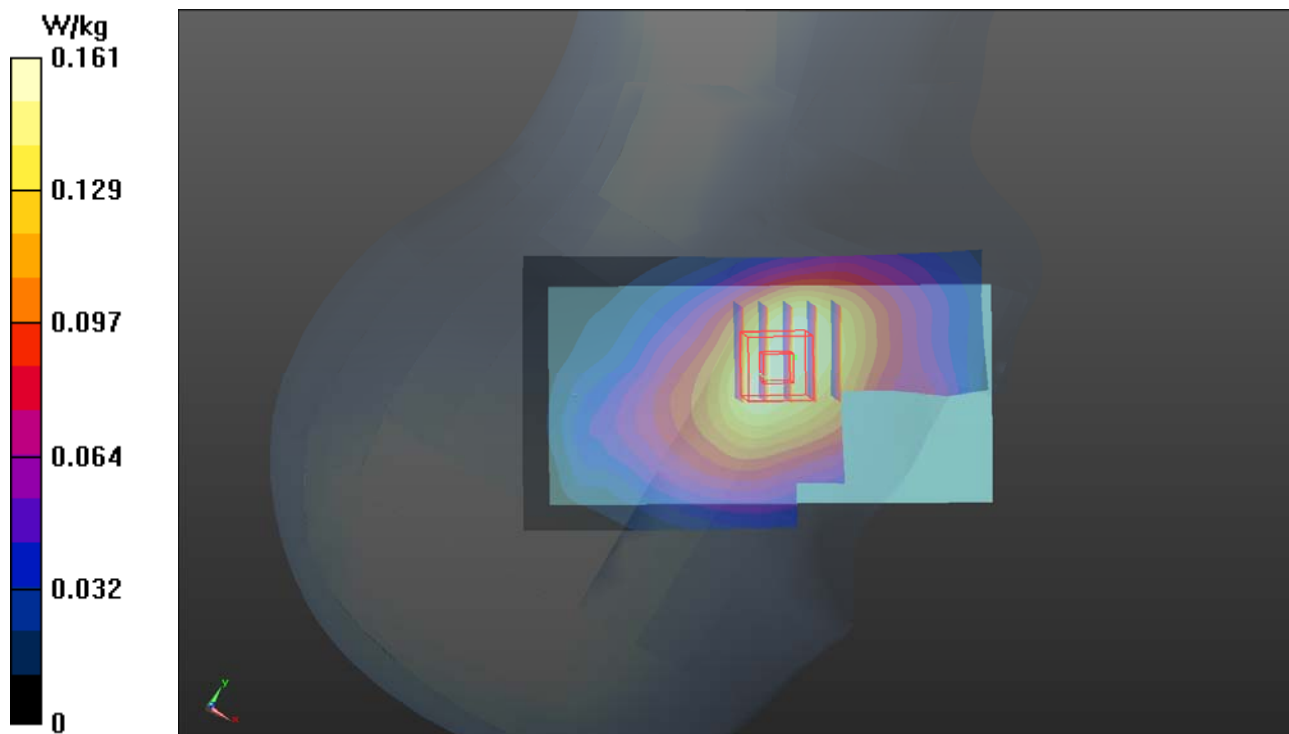
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.008 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.169 W/kg

SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.107 W/kg

Maximum value of SAR (measured) = 0.157 W/kg



P07 LTE 7_QPSK20M_Left Cheek_Ch21350_Ant0_1RB_OS0

DUT: 160301C04

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

Medium: H19T27N2_0401 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.997$ S/m; $\epsilon_r = 39.191$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.15, 7.15, 7.15); Calibrated: 2015/09/02;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: Twin SAM Phantom_1822; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x141x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.602 W/kg

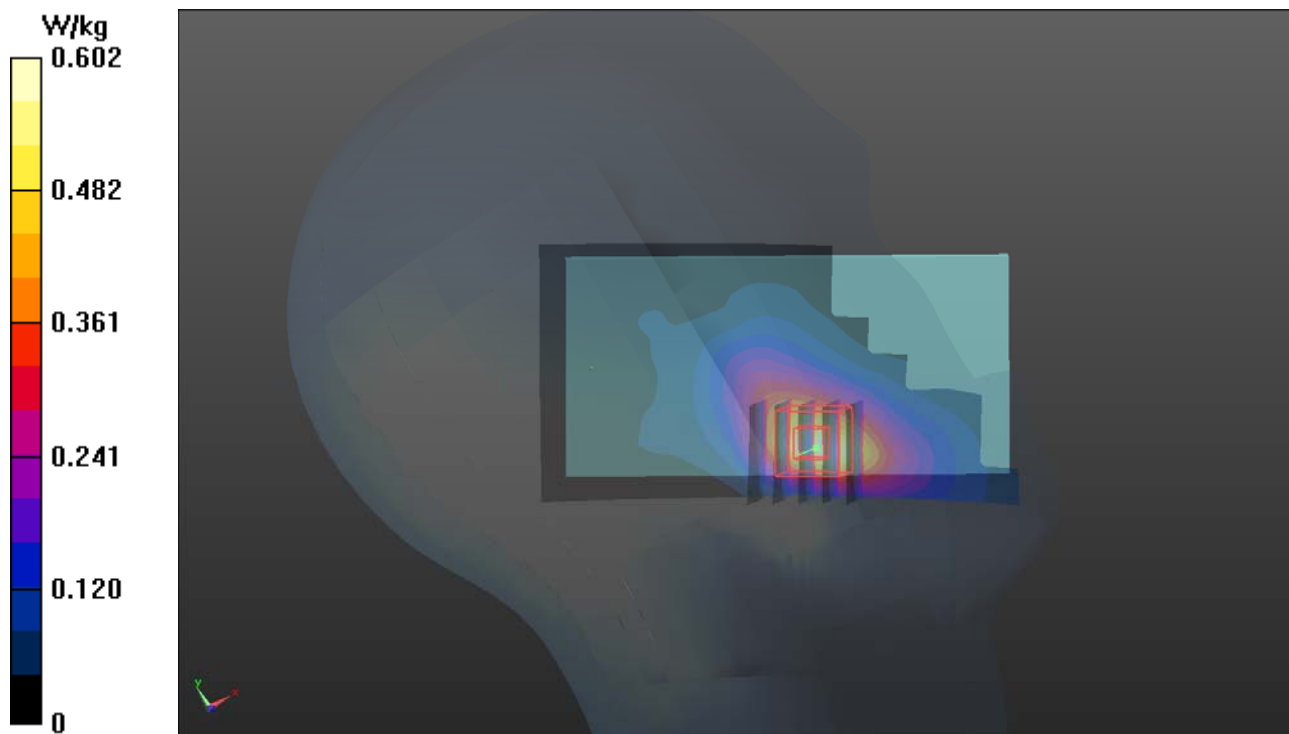
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.586 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.733 W/kg

SAR(1 g) = 0.392 W/kg; SAR(10 g) = 0.208 W/kg

Maximum value of SAR (measured) = 0.605 W/kg



P08 LTE 12_QPSK10M_Right Cheek_Ch23130_Ant0_1RB_OS49

DUT: 160301C04

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

Medium: H06T09N1_0401 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.855 \text{ S/m}$; $\epsilon_r = 43.374$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(10.22, 10.22, 10.22); Calibrated: 2015/09/02;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: Twin SAM Phantom_1822; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

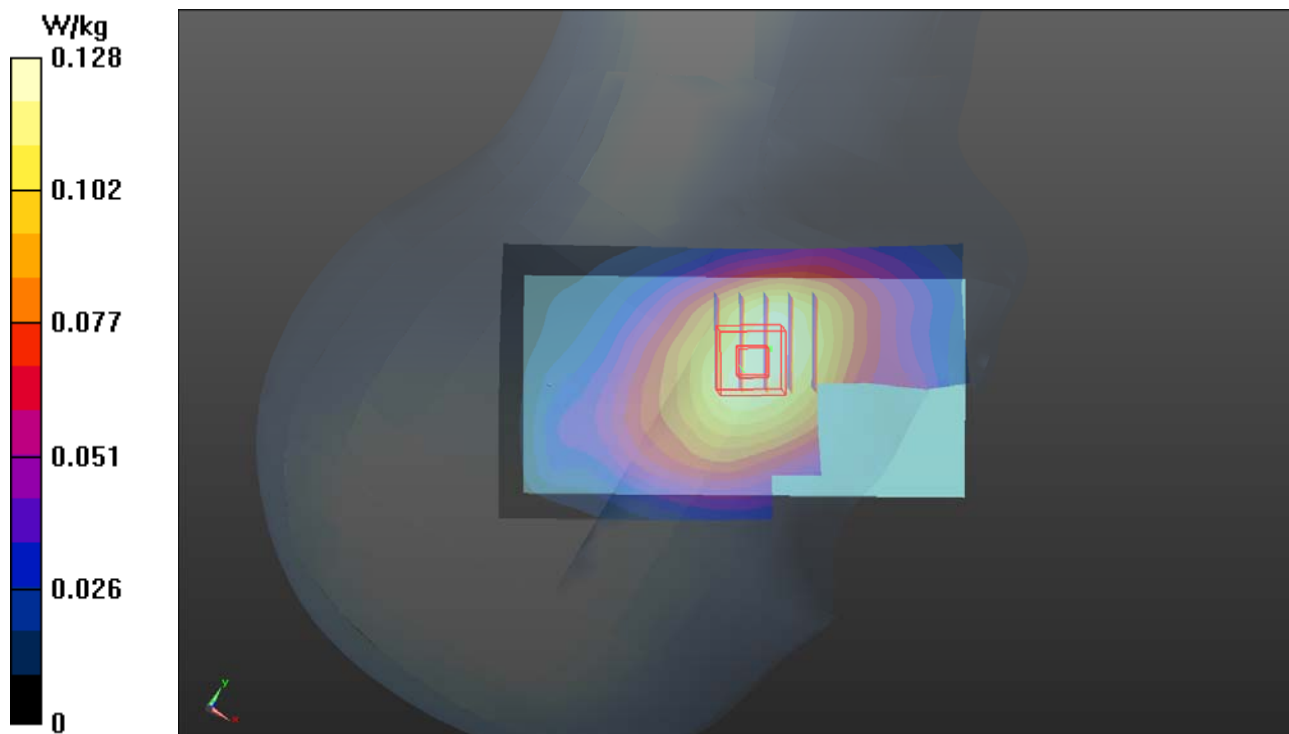
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.545 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.136 W/kg

SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.089 W/kg

Maximum value of SAR (measured) = 0.127 W/kg



P09 LTE 13_QPSK10M_Right Cheek_Ch23230_Ant0_1RB_OS24

DUT: 160301C04

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

Medium: H06T09N1_0401 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.922 \text{ S/m}$; $\epsilon_r = 42.442$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(10.22, 10.22, 10.22); Calibrated: 2015/09/02;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: Twin SAM Phantom_1822; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.0782 W/kg

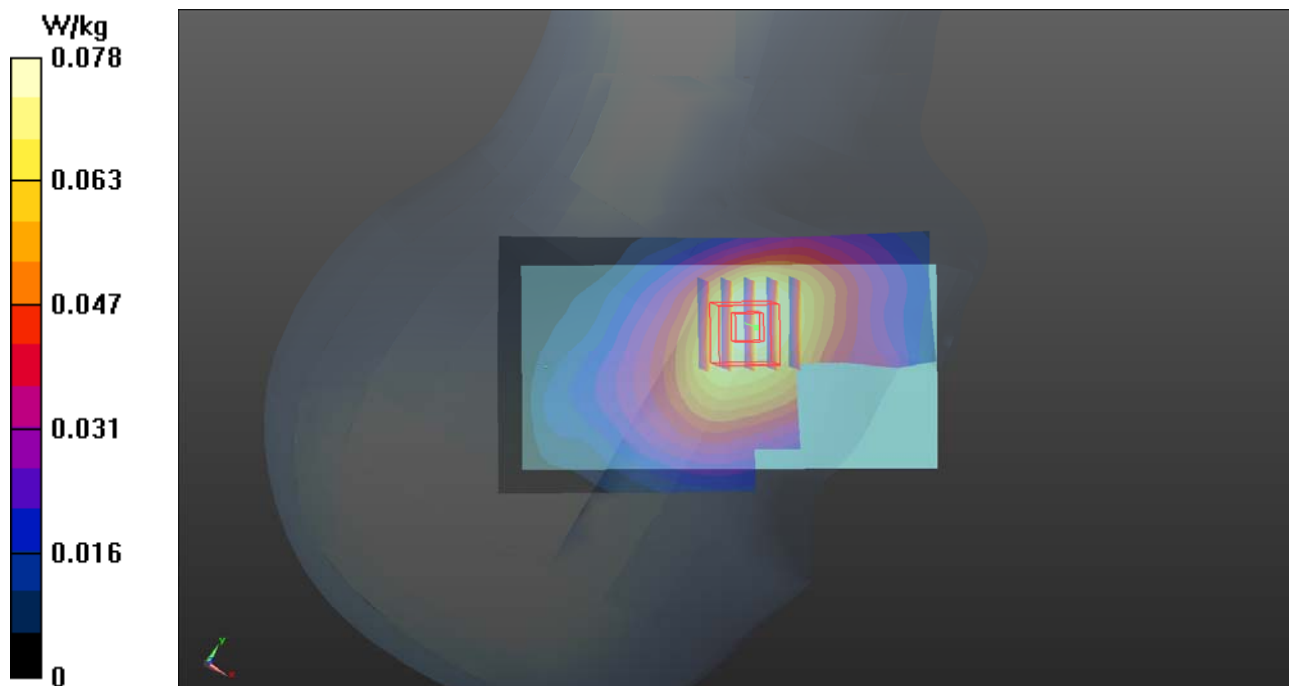
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.491 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.0830 W/kg

SAR(1 g) = 0.066 W/kg; SAR(10 g) = 0.051 W/kg

Maximum value of SAR (measured) = 0.0761 W/kg



P10 LTE 25_QPSK20M_Right Cheek_Ch26365_Ant1_1RB_OS0

DUT: 160301C04

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: H16T20N1_0401 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.44$ S/m; $\epsilon_r = 38.409$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(8.33, 8.33, 8.33); Calibrated: 2015/09/02;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.869 W/kg

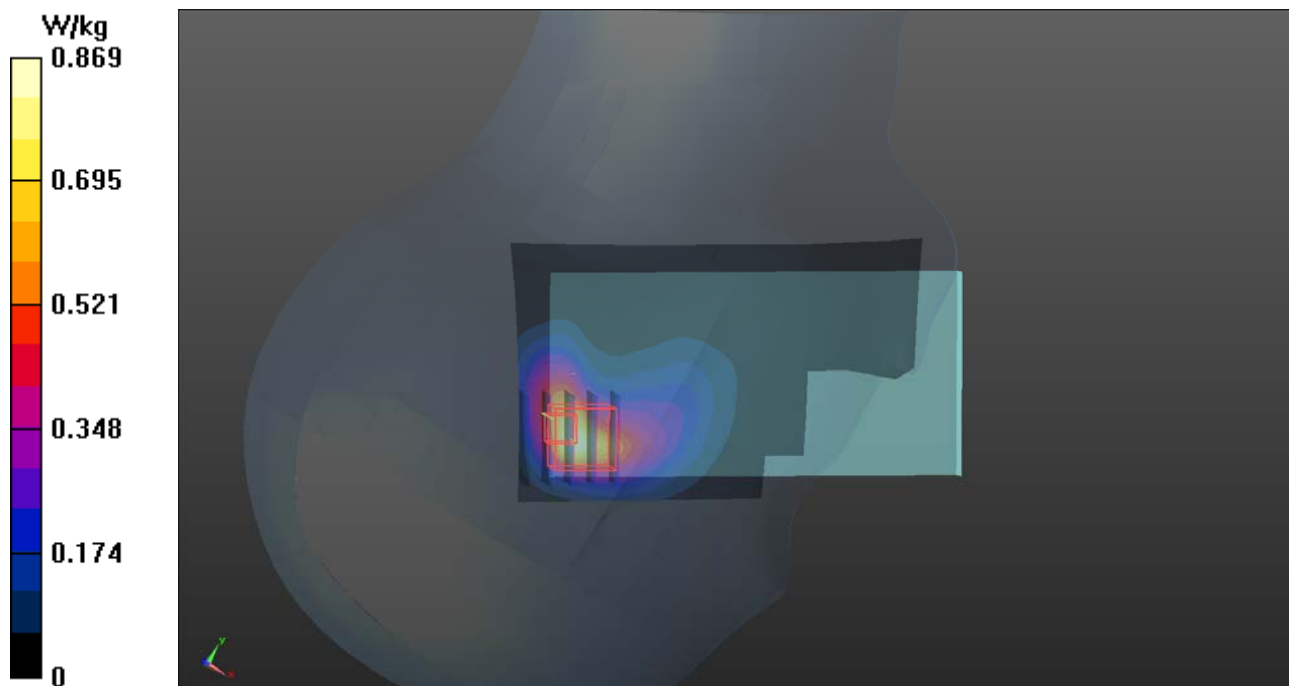
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.92 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.882 W/kg

SAR(1 g) = 0.373 W/kg; SAR(10 g) = 0.204 W/kg

Maximum value of SAR (measured) = 0.679 W/kg



P11 LTE 26_QPSK15M_Right Cheek_Ch26965_Ant1_1RB_OS74

DUT: 160301C04

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

Medium: H07T10N2_0328 Medium parameters used: $f = 841.5 \text{ MHz}$; $\sigma = 0.913 \text{ S/m}$; $\epsilon_r = 41.359$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.4 °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_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.173 W/kg

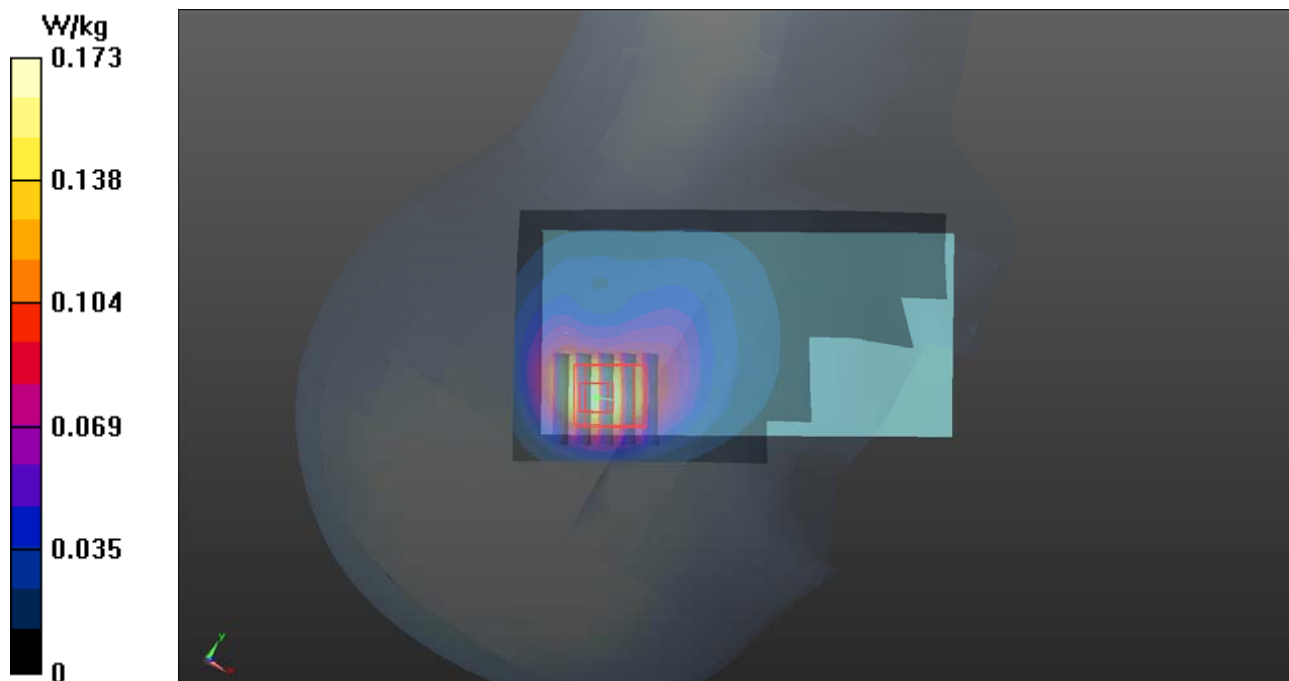
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.043 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.205 W/kg

SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.073 W/kg

Maximum value of SAR (measured) = 0.168 W/kg



P12 LTE 41_QPSK20M_Left Cheek_Ch41490_Ant0_1RB_OS0

DUT: 160301C04

Communication System: LTE TDD CF0; Frequency: 2680 MHz; Duty Cycle: 1:1.58

Medium: H19T27N2_0401 Medium parameters used: $f = 2680$ MHz; $\sigma = 2.125$ S/m; $\epsilon_r = 38.78$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.15, 7.15, 7.15); Calibrated: 2015/09/02;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: Twin SAM Phantom_1822; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x141x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.317 W/kg

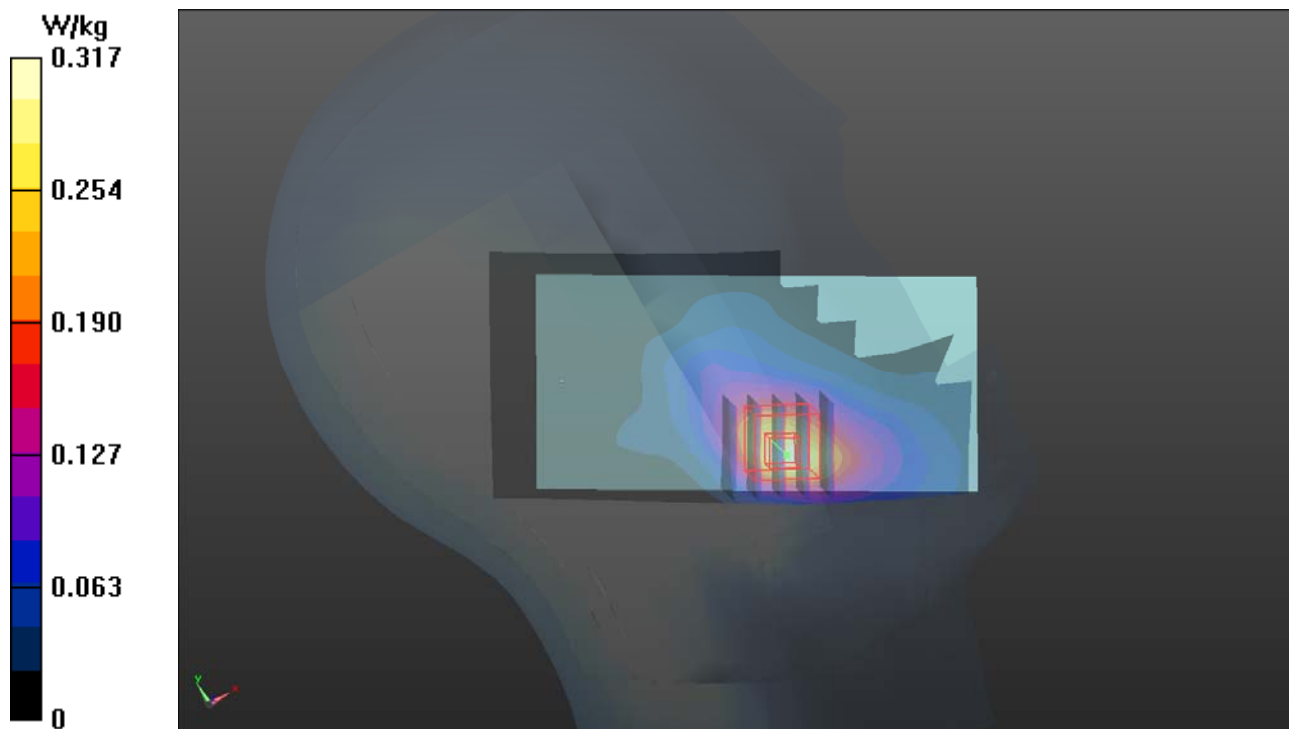
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.995 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.402 W/kg

SAR(1 g) = 0.205 W/kg; SAR(10 g) = 0.104 W/kg

Maximum value of SAR (measured) = 0.326 W/kg



P13 2.4G WLAN_802.11b_Left Cheek_Ch6_Ant0

DUT: 160301C04

Communication System: WLAN_2.4G; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: H19T27N3_0330 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.851$ S/m; $\epsilon_r = 37.867$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.13, 7.13, 7.13); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2015/07/22
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (81x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.650 W/kg

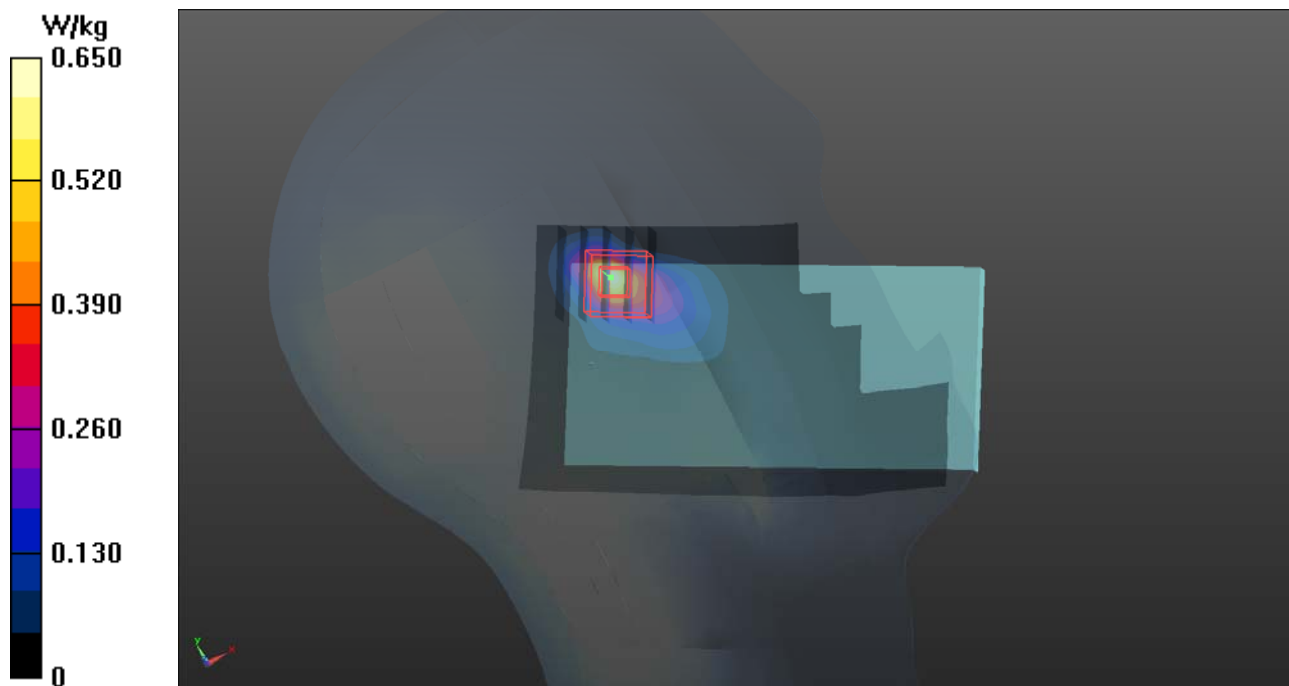
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.617 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.766 W/kg

SAR(1 g) = 0.314 W/kg; SAR(10 g) = 0.133 W/kg

Maximum value of SAR (measured) = 0.572 W/kg



P14 5.3G WLAN_802.11ac VH80_Left Cheek_Ch58_Ant0

DUT: 160301C04

Communication System: WLAN_5G; Frequency: 5290 MHz; Duty Cycle: 1:1.24

Medium: H34T60N3_0406 Medium parameters used: $f = 5290$ MHz; $\sigma = 4.786$ S/m; $\epsilon_r = 36.944$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(5.18, 5.18, 5.18); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2015/07/22
- Phantom: Twin SAM Phantom_1485; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 1.77 W/kg

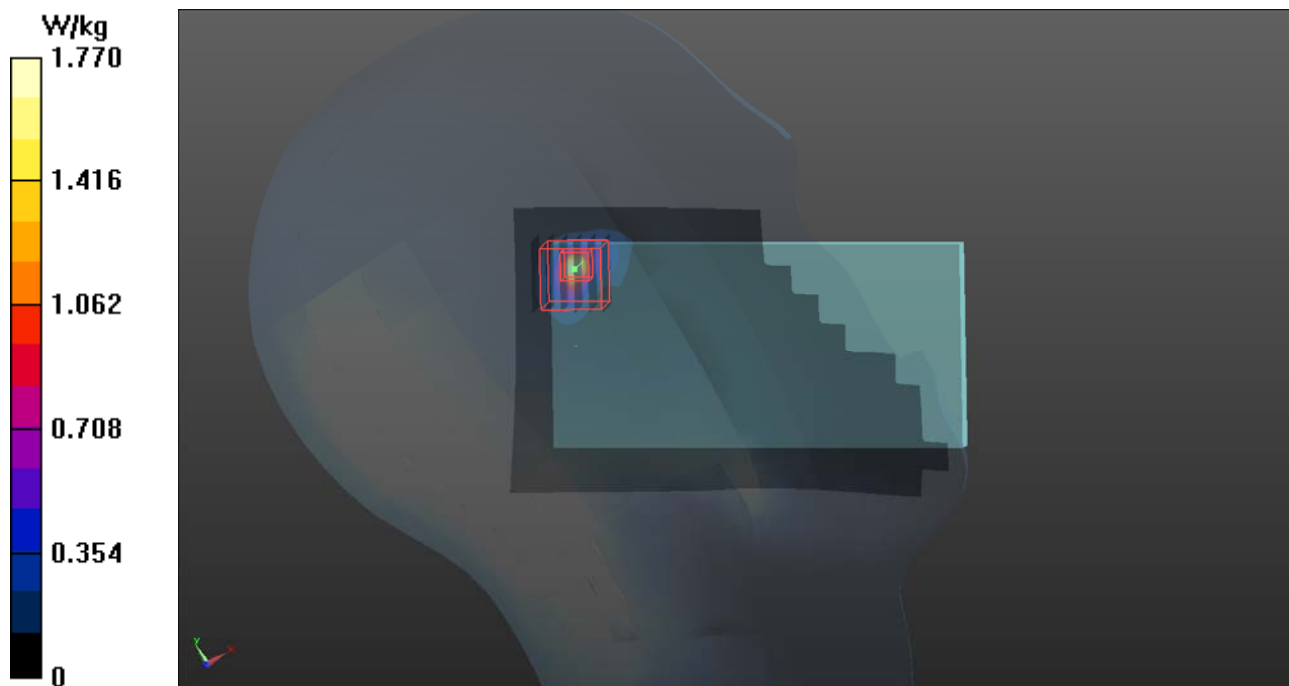
- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 1.247 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.98 W/kg

SAR(1 g) = 0.518 W/kg; SAR(10 g) = 0.124 W/kg

Maximum value of SAR (measured) = 1.70 W/kg



P15 5.6G WLAN_802.11ac VH80_Left Cheek_Ch106_Ant0

DUT: 160301C04

Communication System: WLAN_5G; Frequency: 5530 MHz; Duty Cycle: 1:1.24

Medium: H34T60N1_0331 Medium parameters used: $f = 5530$ MHz; $\sigma = 4.937$ S/m; $\epsilon_r = 34.854$; $\rho = 1000$ kg/m³

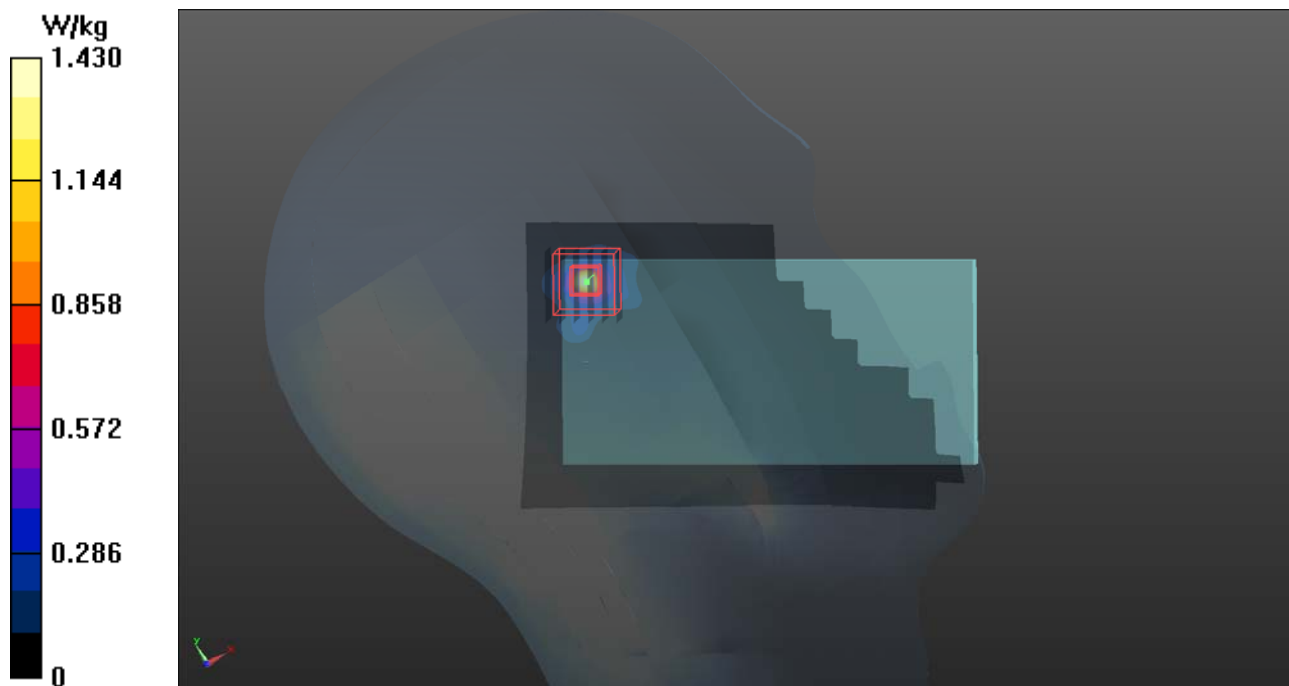
Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(4.74, 4.74, 4.74); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2015/07/22
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (101x171x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.43 W/kg

- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 2.825 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 2.29 W/kg
SAR(1 g) = 0.391 W/kg; SAR(10 g) = 0.099 W/kg
Maximum value of SAR (measured) = 1.03 W/kg



P16 5.8GWLAN_802.11ac VH80_Left Cheek_Ch155_Ant0

DUT: 160301C04

Communication System: WLAN_5G; Frequency: 5775 MHz; Duty Cycle: 1:1.24

Medium: H34T60N2_0401 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.265$ S/m; $\epsilon_r = 34.882$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(4.59, 4.59, 4.59); Calibrated: 2015/09/02;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: Twin SAM Phantom_1822; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (91x171x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.586 W/kg

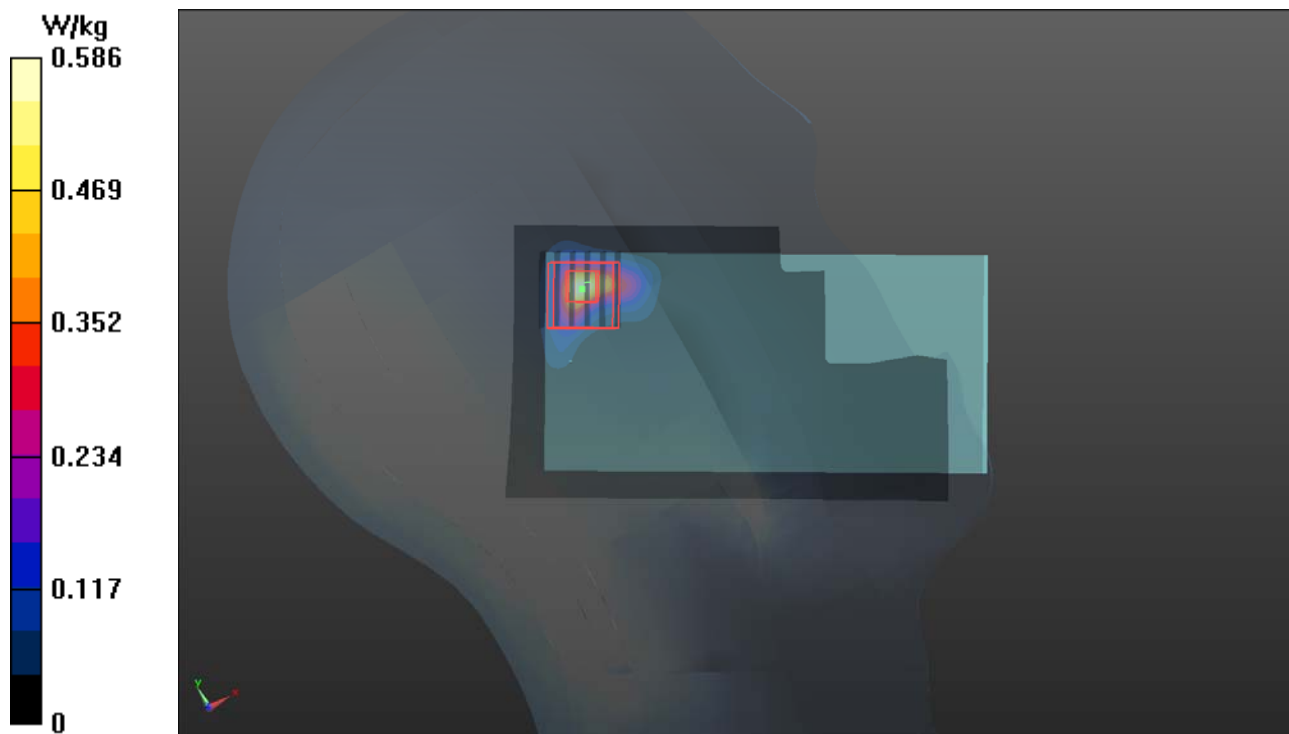
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 2.836 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.32 W/kg

SAR(1 g) = 0.376 W/kg; SAR(10 g) = 0.083 W/kg

Maximum value of SAR (measured) = 1.02 W/kg



P17 CDMA2000 BC0_RTAP153.6_Rear Face_1cm_Ch1013_Ant0

DUT: 160301C04

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: B07T10N2_0402 Medium parameters used: $f = 825$ MHz; $\sigma = 0.962$ S/m; $\epsilon_r = 54.797$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(10.05, 10.05, 10.05); Calibrated: 2015/09/02;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.280 W/kg

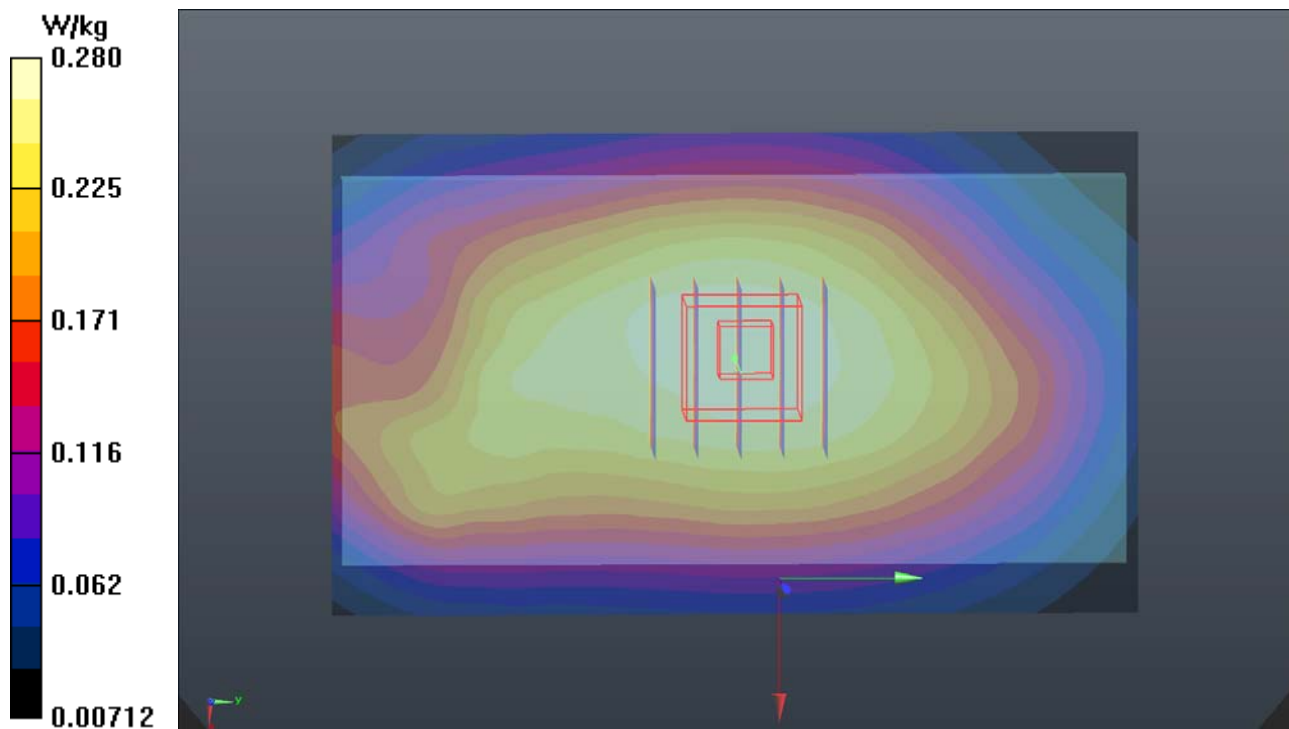
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.78 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.303 W/kg

SAR(1 g) = 0.233 W/kg; SAR(10 g) = 0.180 W/kg

Maximum value of SAR (measured) = 0.279 W/kg



P18 CDMA2000 BC1_RTAP153.6_Rear Face_1cm_Ch25_Ant0

DUT: 160301C04

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: B16T20N1_0402 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.526$ S/m; $\epsilon_r = 51.71$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.77, 7.77, 7.77); Calibrated: 2015/09/02;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.580 W/kg

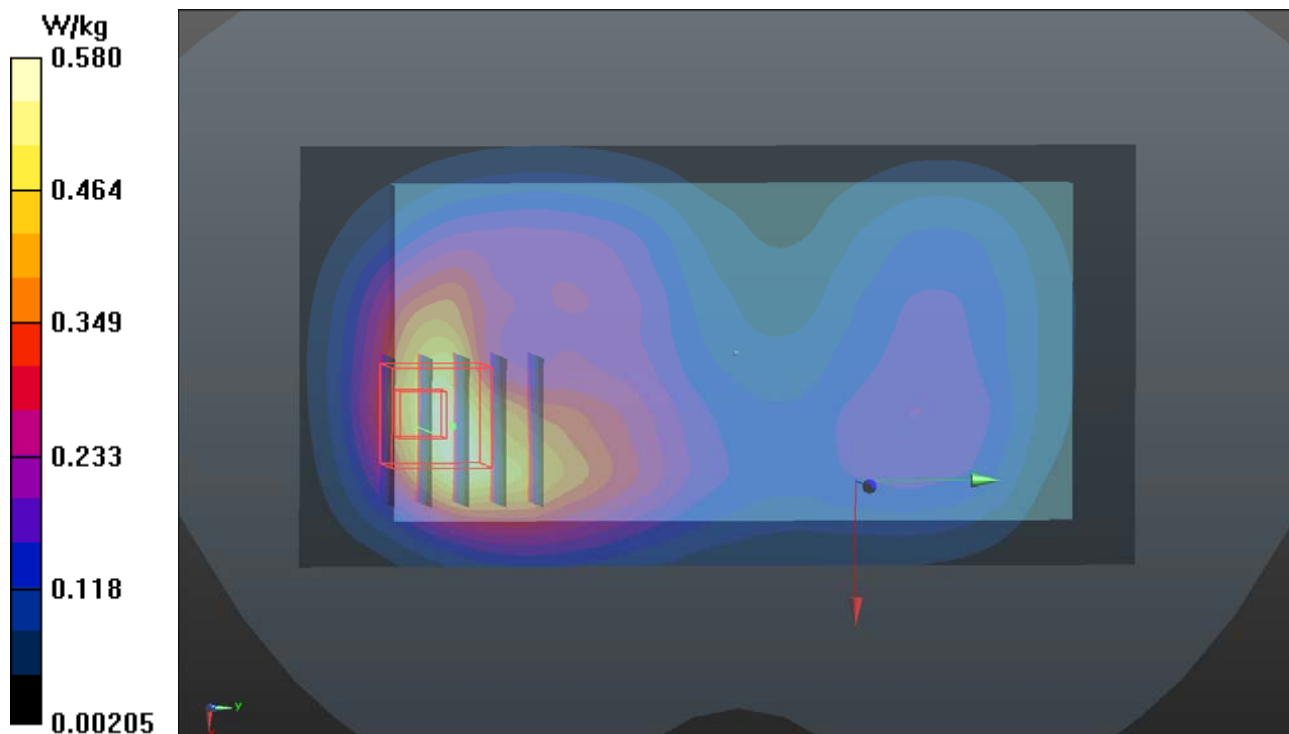
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.246 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.720 W/kg

SAR(1 g) = 0.377 W/kg; SAR(10 g) = 0.207 W/kg

Maximum value of SAR (measured) = 0.586 W/kg



P19 CDMA2000 BC10_RTAP153.6_Rear Face_1cm_Ch580_Ant0

DUT: 160301C04

Communication System: CDMA2000; Frequency: 820.5 MHz; Duty Cycle: 1:1

Medium: B07T10N2_0402 Medium parameters used: $f = 820.5$ MHz; $\sigma = 0.958$ S/m; $\epsilon_r = 54.833$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(10.05, 10.05, 10.05); Calibrated: 2015/09/02;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.279 W/kg

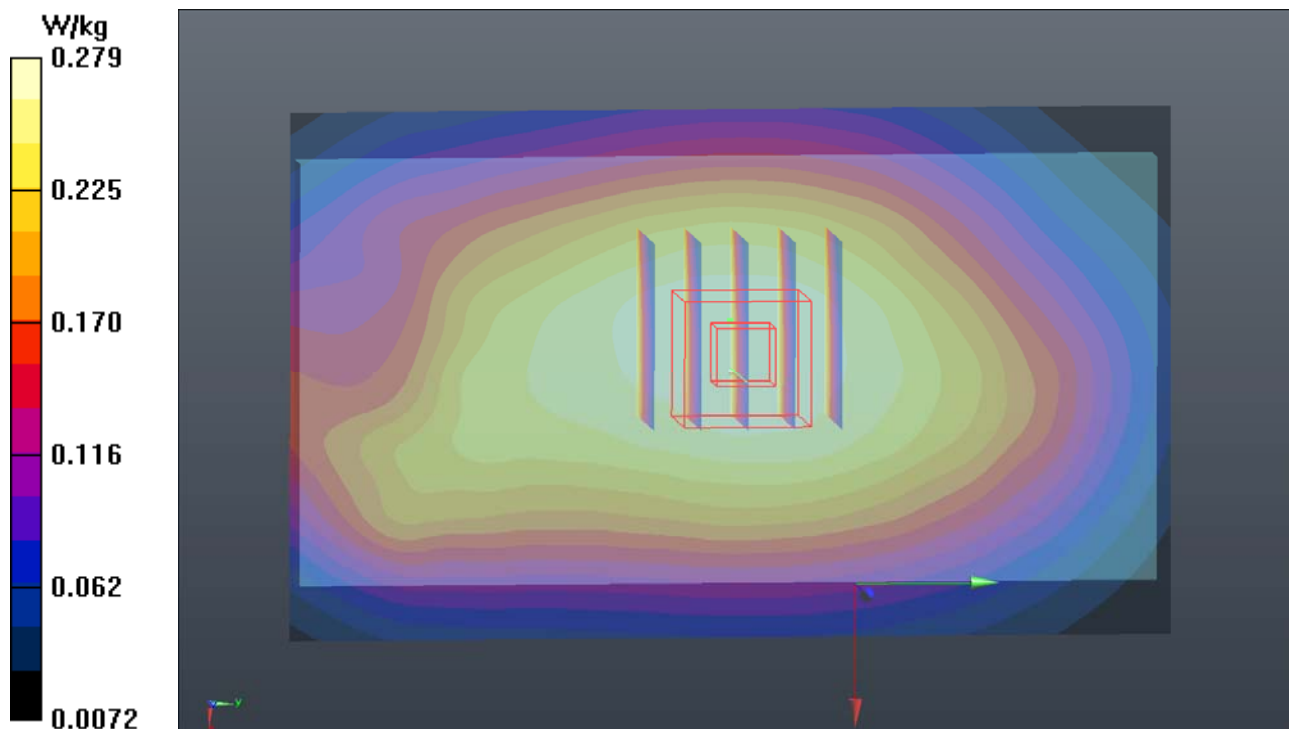
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.91 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.305 W/kg

SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.181 W/kg

Maximum value of SAR (measured) = 0.281 W/kg



P20 LTE 2_QPSK20M_Rear Face_1cm_Ch18900_Ant0_1RB_OS0

DUT: 160301C04

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

Medium: B16T20N1_0402 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.552$ S/m; $\epsilon_r = 51.627$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.77, 7.77, 7.77); Calibrated: 2015/09/02;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.586 W/kg

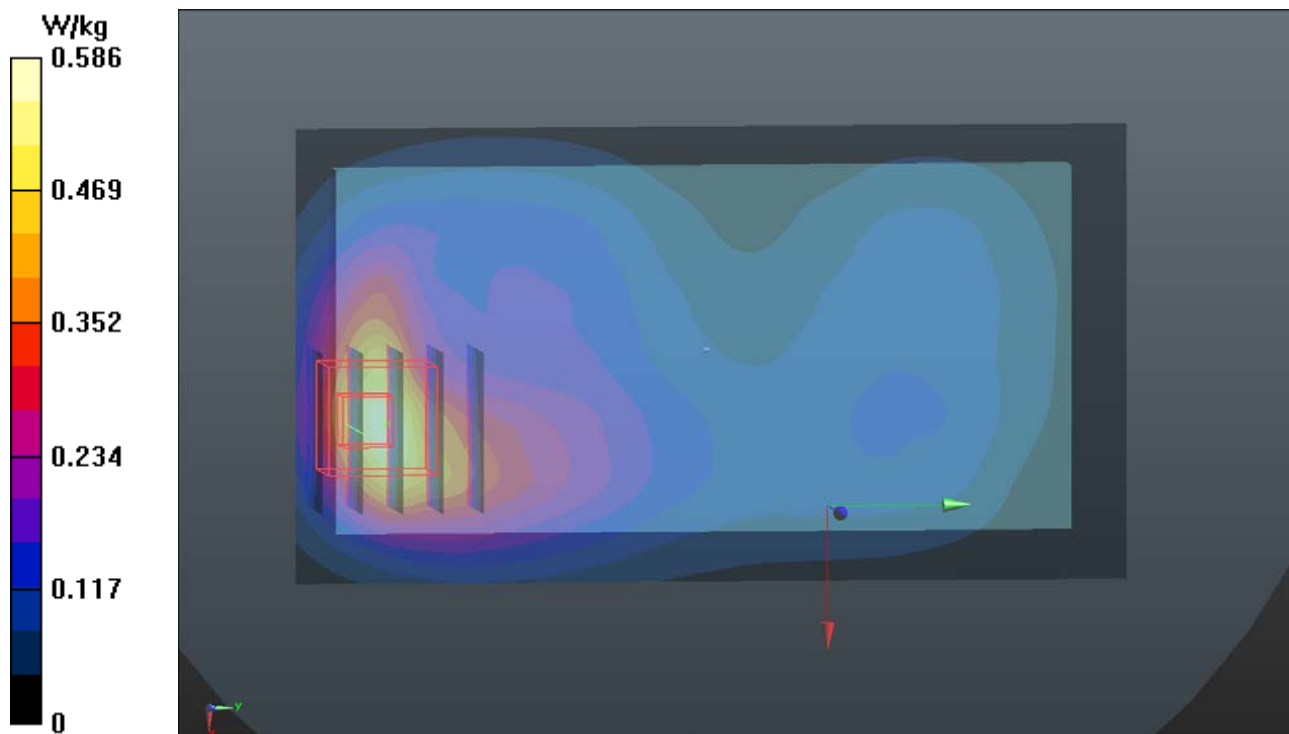
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.705 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.662 W/kg

SAR(1 g) = 0.343 W/kg; SAR(10 g) = 0.184 W/kg

Maximum value of SAR (measured) = 0.500 W/kg



P21 LTE 4_QPSK20M_Rear Face_1cm_Ch20175_Ant0_1RB_OS0

DUT: 160301C04

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: B16T20N1_0402 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.414$ S/m; $\epsilon_r = 52.073$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(8.06, 8.06, 8.06); Calibrated: 2015/09/02;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.806 W/kg

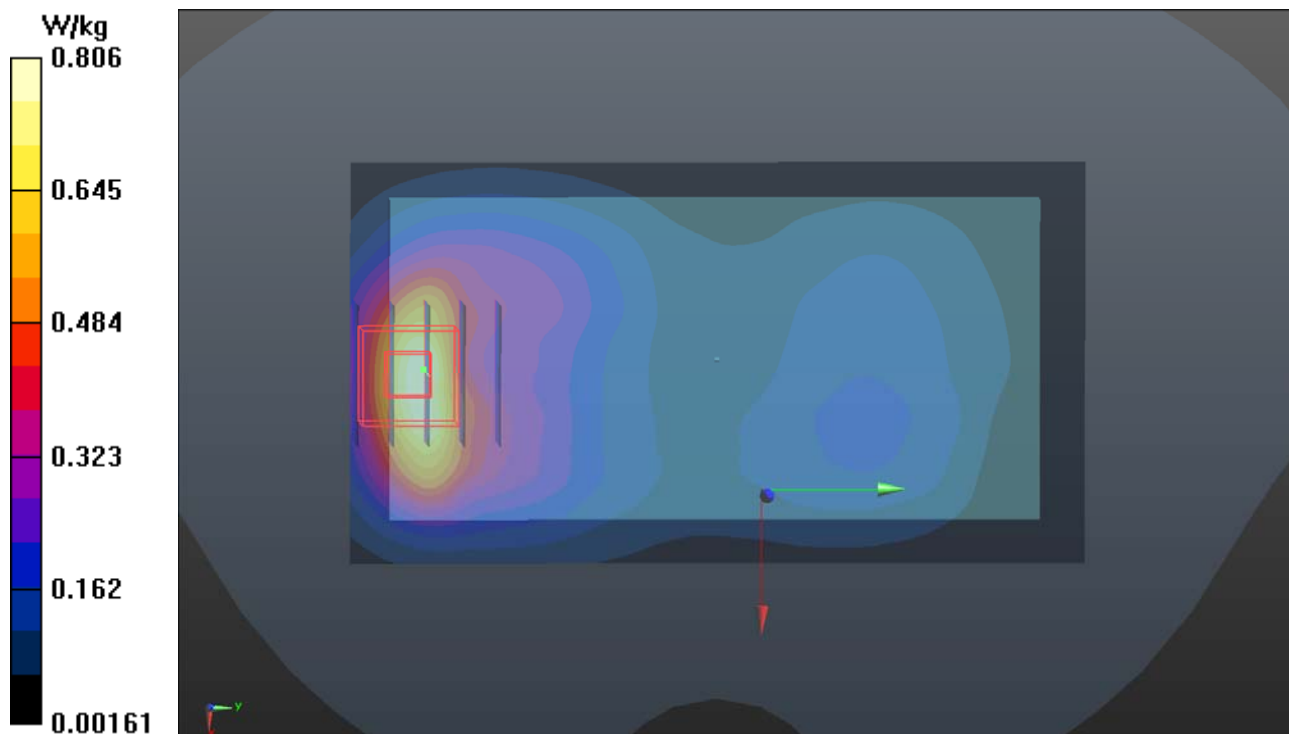
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.956 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.940 W/kg

SAR(1 g) = 0.547 W/kg; SAR(10 g) = 0.301 W/kg

Maximum value of SAR (measured) = 0.761 W/kg



P22 LTE 5_QPSK10M_Rear Face_1cm_Ch20450_Ant0_1RB_OS49

DUT: 160301C04

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

Medium: B07T10N2_0402 Medium parameters used: $f = 829 \text{ MHz}$; $\sigma = 0.966 \text{ S/m}$; $\epsilon_r = 54.757$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.8 \text{ }^\circ\text{C}$; Liquid Temperature : $23.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(10.05, 10.05, 10.05); Calibrated: 2015/09/02;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (61x101x1):** Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

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

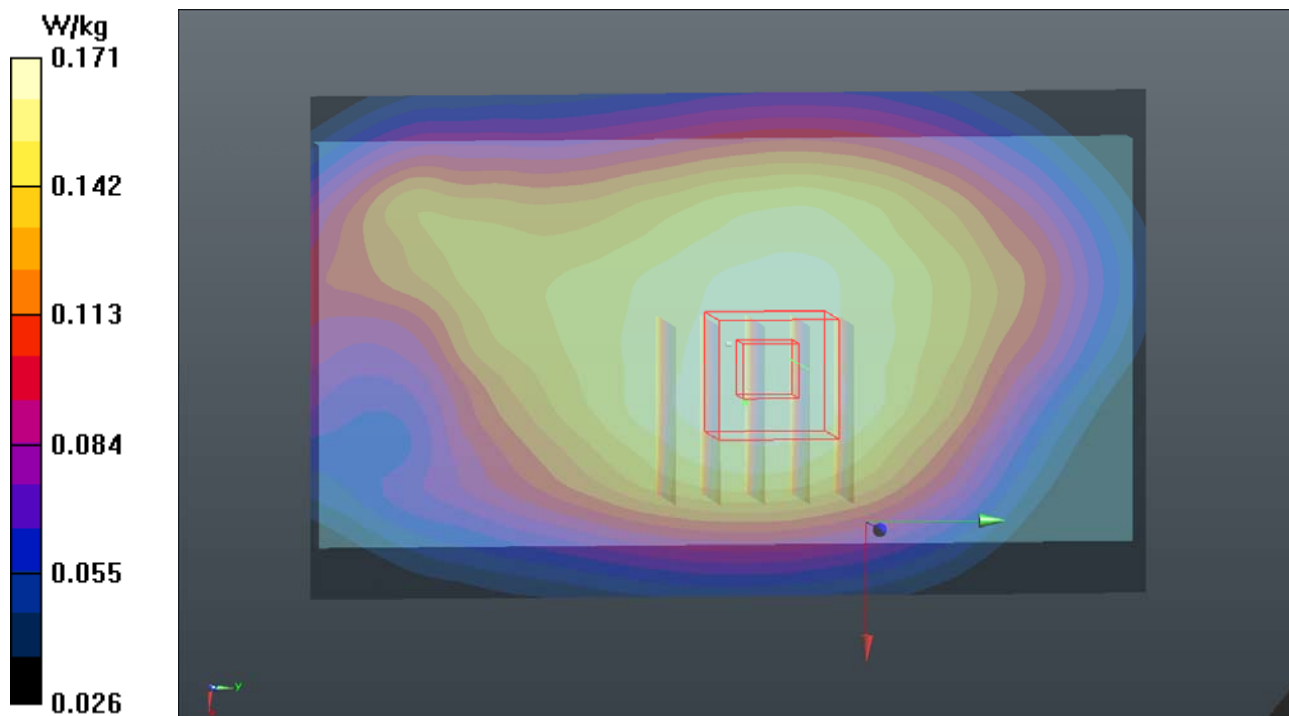
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.79 V/m ; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.186 W/kg

SAR(1 g) = 0.144 W/kg ; SAR(10 g) = 0.112 W/kg

Maximum value of SAR (measured) = 0.171 W/kg



P23 LTE 7_QPSK20M_Rear Face_1cm_Ch21350_Ant0_1RB_OS0

DUT: 160301C04

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

Medium: B19T27N3_0403 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.16$ S/m; $\epsilon_r = 51.909$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.9 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.29, 7.29, 7.29); Calibrated: 2015/09/02;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: Twin SAM Phantom_1822; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.874 W/kg

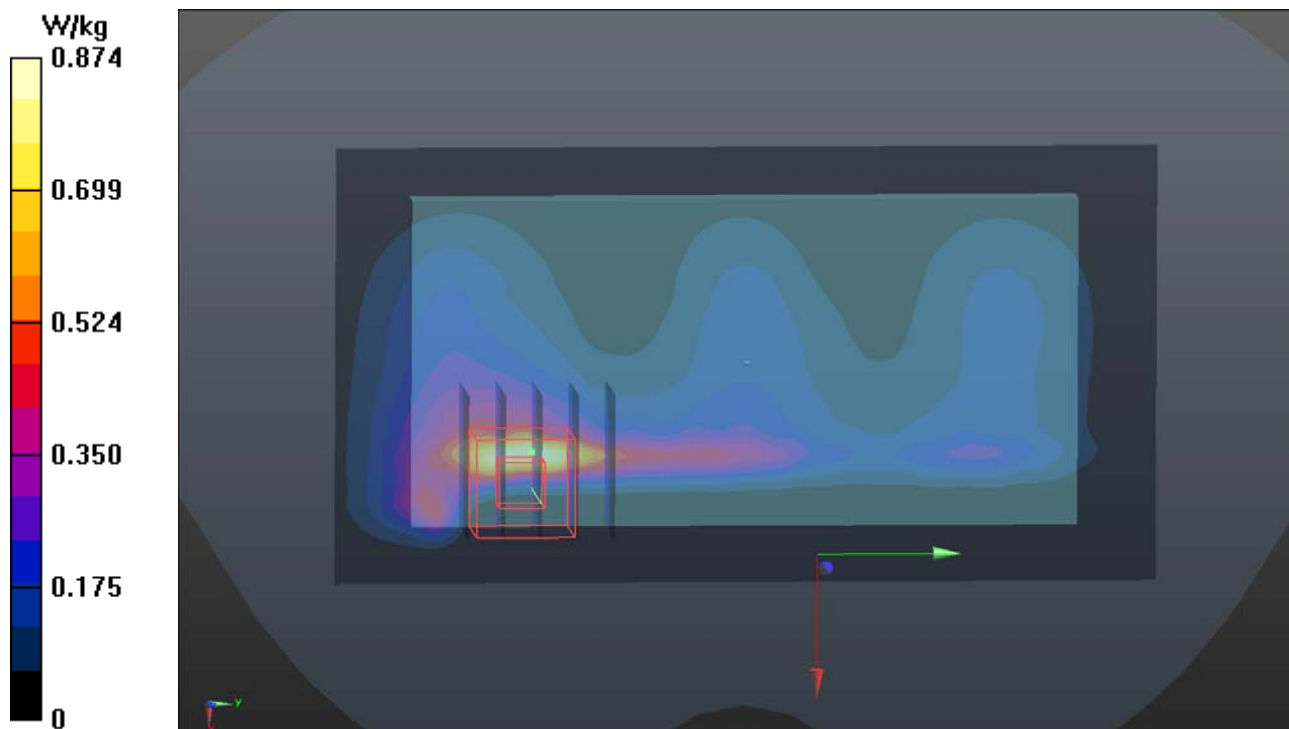
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.265 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.689 W/kg

SAR(1 g) = 0.361 W/kg; SAR(10 g) = 0.194 W/kg

Maximum value of SAR (measured) = 0.546 W/kg



P24 LTE 12_QPSK10M_Rear Face_1cm_Ch23130_Ant0_1RB_OS49

DUT: 160301C04

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

Medium: B06T09N1_0403 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.923 \text{ S/m}$; $\epsilon_r = 55.85$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.9 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(10.11, 10.11, 10.11); Calibrated: 2015/09/02;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (61x121x1):** Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.269 W/kg

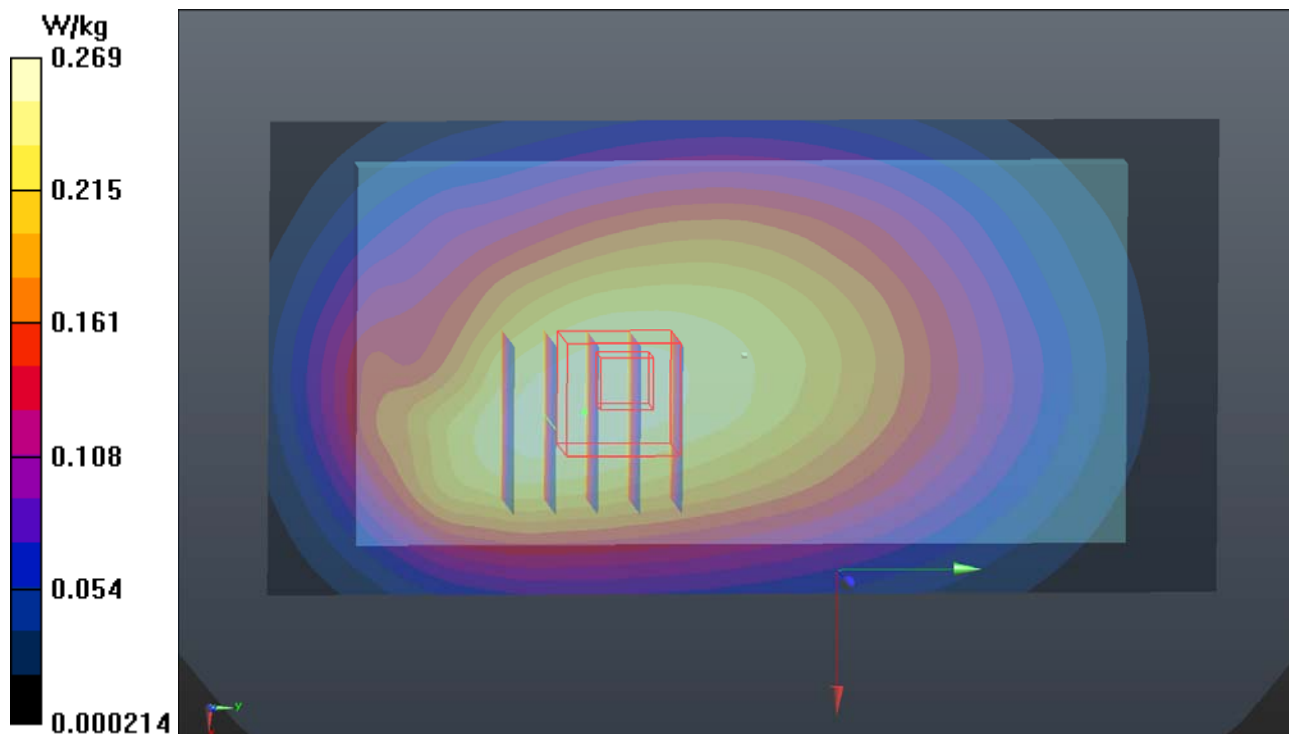
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 16.53 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.276 W/kg

SAR(1 g) = 0.203 W/kg; SAR(10 g) = 0.157 W/kg

Maximum value of SAR (measured) = 0.250 W/kg



P25 LTE 13_QPSK10M_Rear Face_1cm_Ch23230_Ant0_1RB_OS24

DUT: 160301C04

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

Medium: B06T09N1_0403 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.986 \text{ S/m}$; $\epsilon_r = 55.2$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.9 \text{ }^\circ\text{C}$; Liquid Temperature : $23.2 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(10.11, 10.11, 10.11); Calibrated: 2015/09/02;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (61x121x1):** Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

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

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

Reference Value = 11.72 V/m ; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.194 W/kg

SAR(1 g) = 0.142 W/kg ; SAR(10 g) = 0.099 W/kg

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

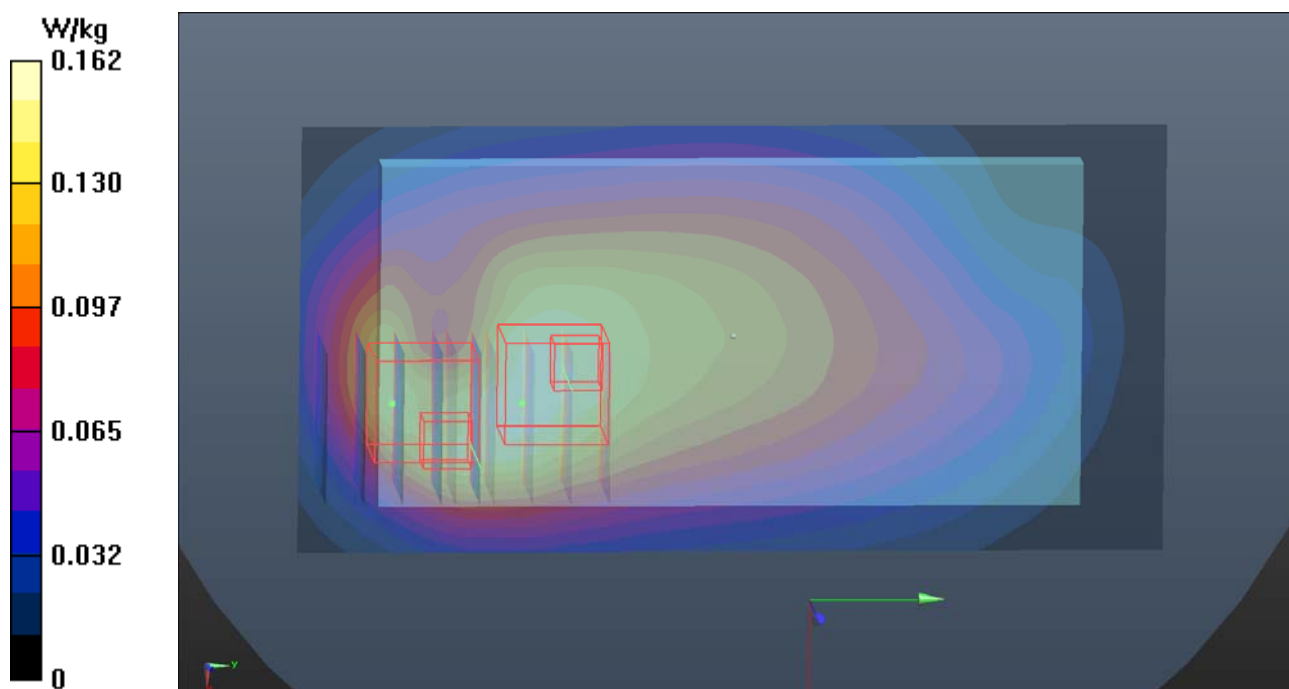
- **Zoom Scan (5x5x7)/Cube 1:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.72 V/m ; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.179 W/kg

SAR(1 g) = 0.098 W/kg ; SAR(10 g) = 0.060 W/kg

Maximum value of SAR (measured) = 0.151 W/kg



P26 LTE 25_QPSK20M_Rear Face_1cm_Ch26365_Ant0_1RB_OS0

DUT: 160301C04

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: B16T20N1_0402 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.554$ S/m; $\epsilon_r = 51.628$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.77, 7.77, 7.77); Calibrated: 2015/09/02;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.490 W/kg

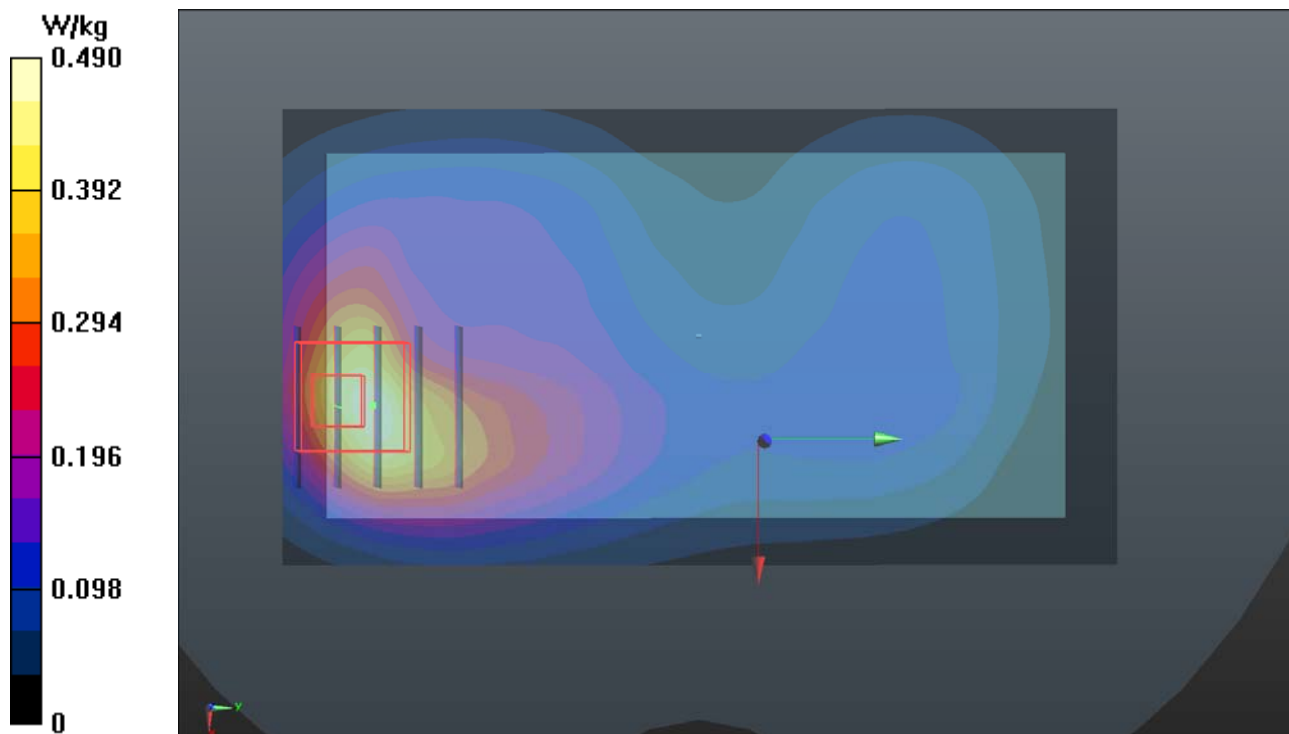
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.649 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.622 W/kg

SAR(1 g) = 0.317 W/kg; SAR(10 g) = 0.170 W/kg

Maximum value of SAR (measured) = 0.507 W/kg



P27 LTE 26_QPSK15M_Front Face_1cm_Ch26965_Ant0_1RB_OS74

DUT: 160301C04

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

Medium: B07T10N3_0329 Medium parameters used: $f = 841.5 \text{ MHz}$; $\sigma = 1.009 \text{ S/m}$; $\epsilon_r = 54.338$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.4 °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_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.0978 W/kg

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

Reference Value = 8.440 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.103 W/kg

SAR(1 g) = 0.066 W/kg; SAR(10 g) = 0.048 W/kg

Maximum value of SAR (measured) = 0.0865 W/kg

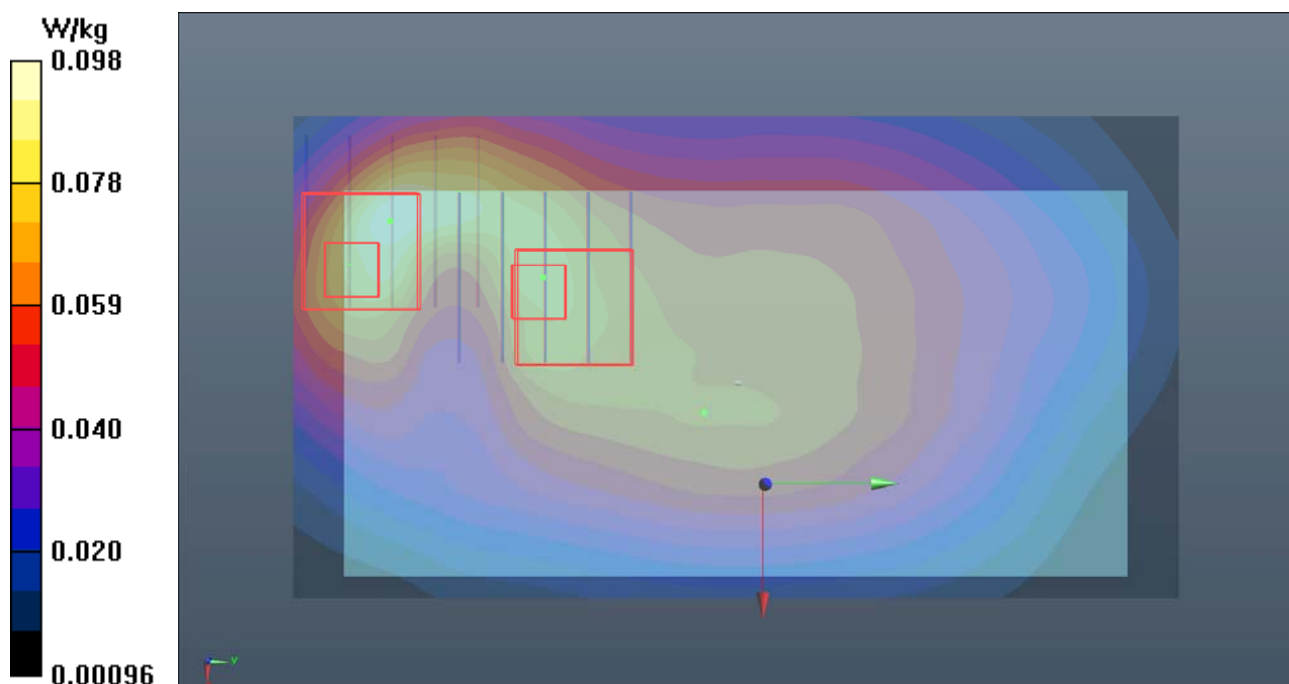
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.440 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.109 W/kg

SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.036 W/kg

Maximum value of SAR (measured) = 0.0913 W/kg



P28 LTE 41_QPSK20M_Rear Face_1cm_Ch41490_Ant0_1RB_OS0

DUT: 160301C04

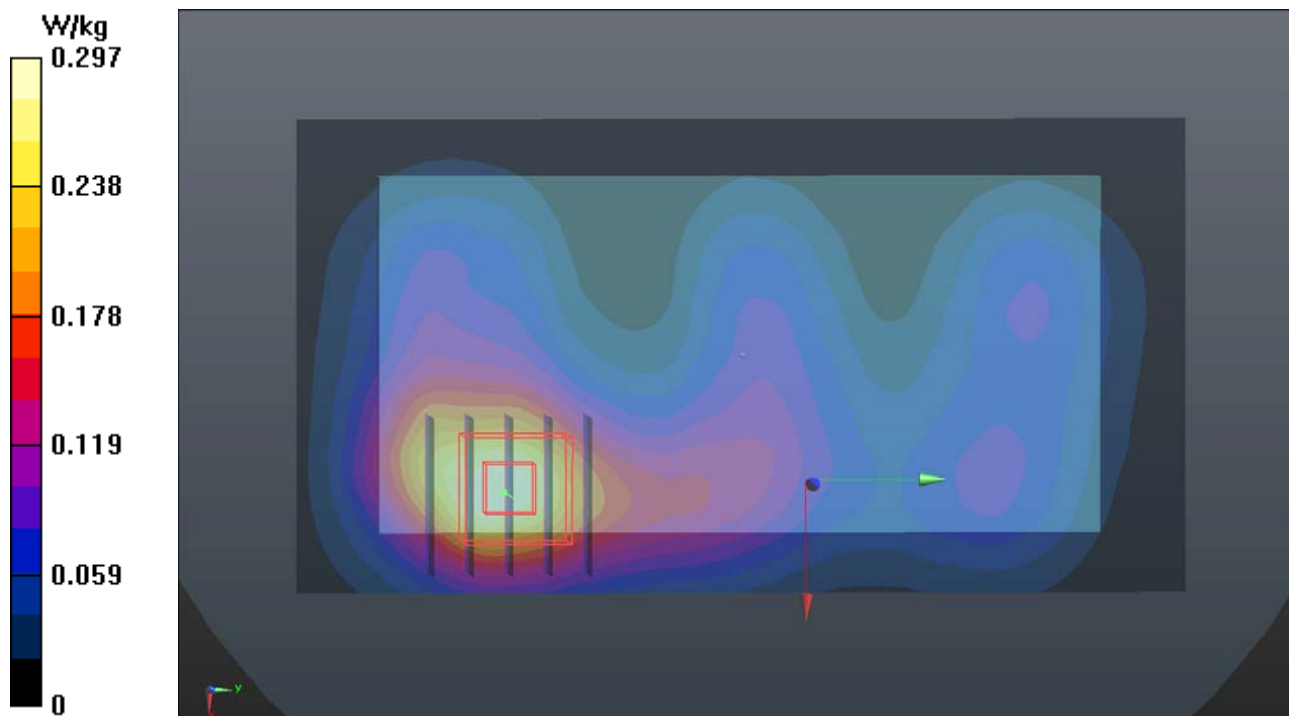
Communication System: LTE TDD CF0; Frequency: 2680 MHz; Duty Cycle: 1:1.58
Medium: B19T27N3_0403 Medium parameters used: $f = 2680$ MHz; $\sigma = 2.304$ S/m; $\epsilon_r = 51.548$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.9 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.29, 7.29, 7.29); Calibrated: 2015/09/02;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: Twin SAM Phantom_1822; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (81x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.297 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.358 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.392 W/kg
SAR(1 g) = 0.195 W/kg; SAR(10 g) = 0.100 W/kg
Maximum value of SAR (measured) = 0.314 W/kg



P29 2.4G WLAN_802.11b_Front Face_1cm_Ch1_Ant1

DUT: 160301C04

Communication System: WLAN_2.4G; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: B19T27N3_0407 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.984$ S/m; $\epsilon_r = 50.971$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.03, 7.03, 7.03); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2015/07/22
- Phantom: Twin SAM Phantom_1485; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.101 W/kg

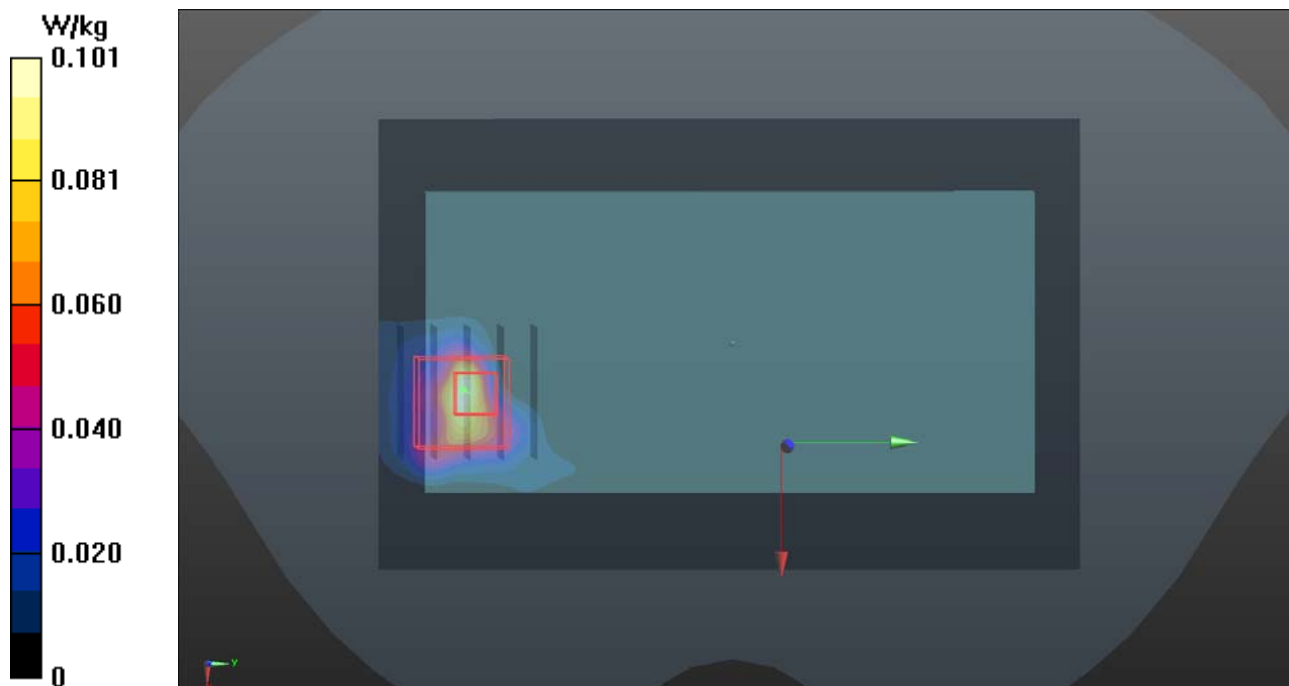
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.179 W/kg

SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.016 W/kg

Maximum value of SAR (measured) = 0.0648 W/kg



P30 5.3G WLAN_802.11ac VH80_Front Face_1cm_Ch58_Ant0

DUT: 160301C04

Communication System: WLAN_5G; Frequency: 5290 MHz; Duty Cycle: 1:1.24

Medium: B34T60N3_0406 Medium parameters used: $f = 5290$ MHz; $\sigma = 5.285$ S/m; $\epsilon_r = 48.472$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(4.64, 4.64, 4.64); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2015/07/22
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.0835 W/kg

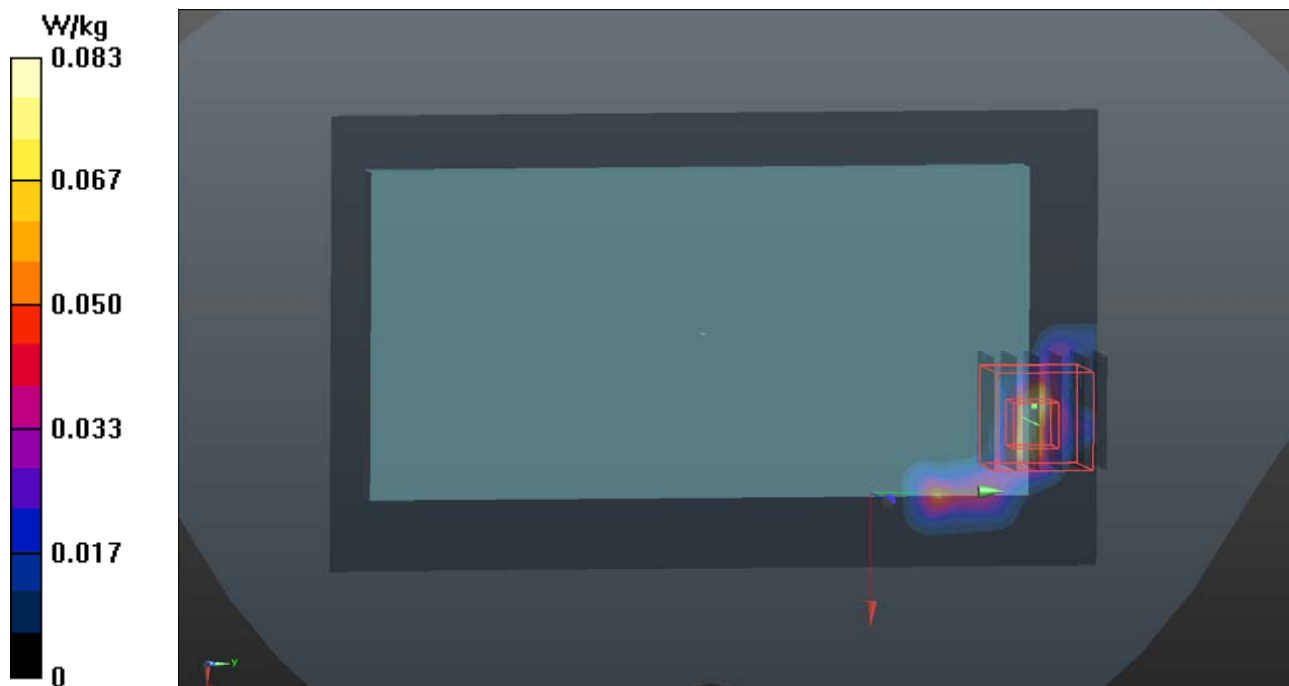
- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 0.5010 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.144 W/kg

SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00463 W/kg

Maximum value of SAR (measured) = 0.0398 W/kg



P31 5.6G WLAN_802.11ac VH80_Front Face_1cm_Ch106_Ant1

DUT: 160301C04

Communication System: WLAN_5G; Frequency: 5530 MHz; Duty Cycle: 1:1.24

Medium: B34T60N3_0407 Medium parameters used: $f = 5530$ MHz; $\sigma = 5.547$ S/m; $\epsilon_r = 47.788$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(4.05, 4.05, 4.05); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2015/07/22
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.0178 W/kg

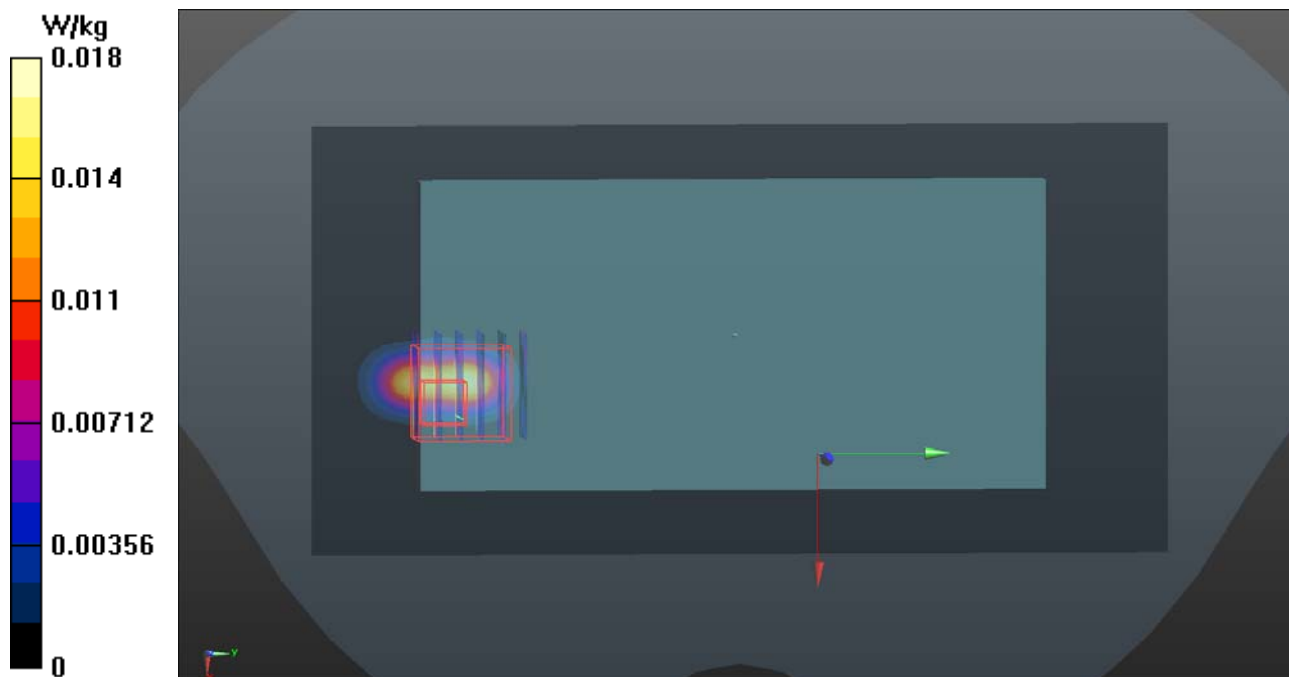
- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

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

Peak SAR (extrapolated) = 0.107 W/kg

SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.00389 W/kg

Maximum value of SAR (measured) = 0.0536 W/kg



P32 5.8G WLAN_802.11ac VH80_Front Face_1cm_Ch155_Ant0

DUT: 160301C04

Communication System: WLAN_5G; Frequency: 5775 MHz; Duty Cycle: 1:1.24

Medium: B34T60N3_0407 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.874$ S/m; $\epsilon_r = 47.504$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(4.45, 4.45, 4.45); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2015/07/22
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.0627 W/kg

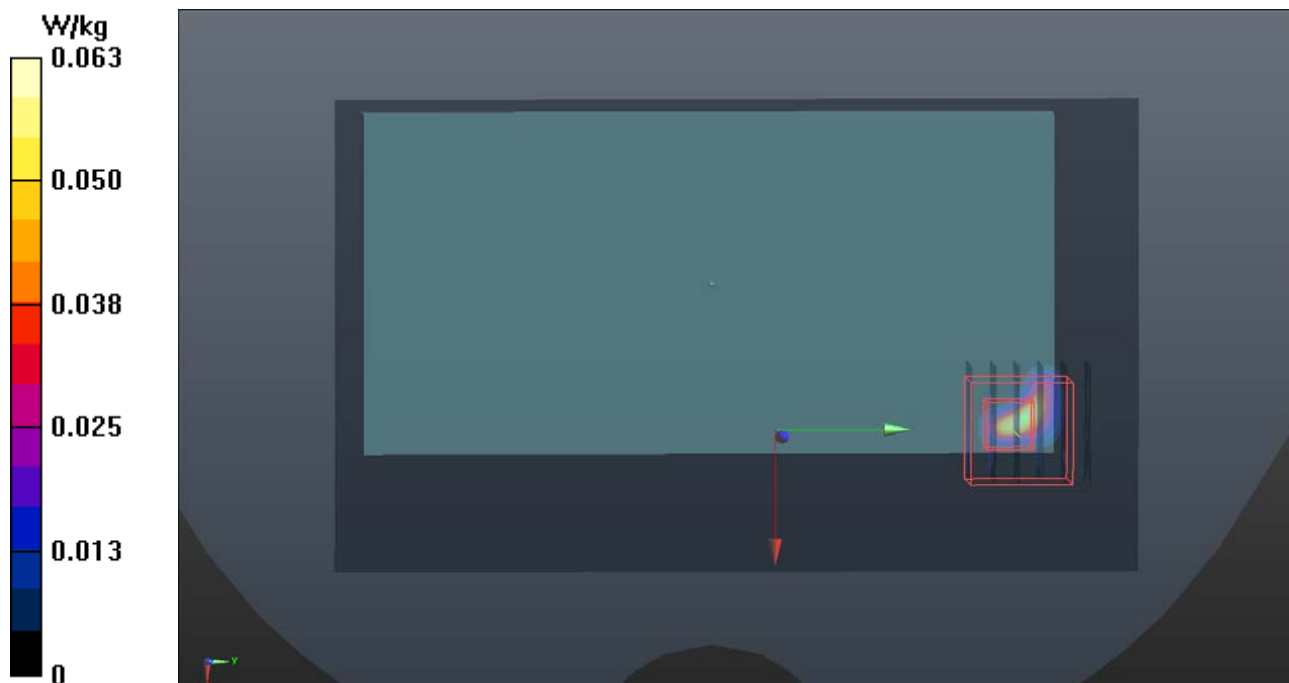
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 0.6150 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.0980 W/kg

SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.00269 W/kg

Maximum value of SAR (measured) = 0.0527 W/kg



P33 LTE 4_QPSK20M_Bottom Side_1cm_Ch20175_Ant0_1RB_OS0

DUT: 160301C04

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: B16T20N1_0402 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.414$ S/m; $\epsilon_r = 52.073$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(8.06, 8.06, 8.06); Calibrated: 2015/09/02;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.888 W/kg

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

Reference Value = 23.61 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.987 W/kg

SAR(1 g) = 0.584 W/kg; SAR(10 g) = 0.316 W/kg

Maximum value of SAR (measured) = 0.837 W/kg

