



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 CDMA BC0_RC3+SO55_Left Cheek_Ch1013_Sample1_Ant1

DUT: 160829C09

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

Medium: H07T10N3_0915 Medium parameters used: $f = 825 \text{ MHz}$; $\sigma = 0.905 \text{ S/m}$; $\epsilon_r = 42.834$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.8 \text{ }^\circ\text{C}$; Liquid Temperature : $23.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(9.8, 9.8, 9.8); Calibrated: 2016/07/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2016/03/21
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

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

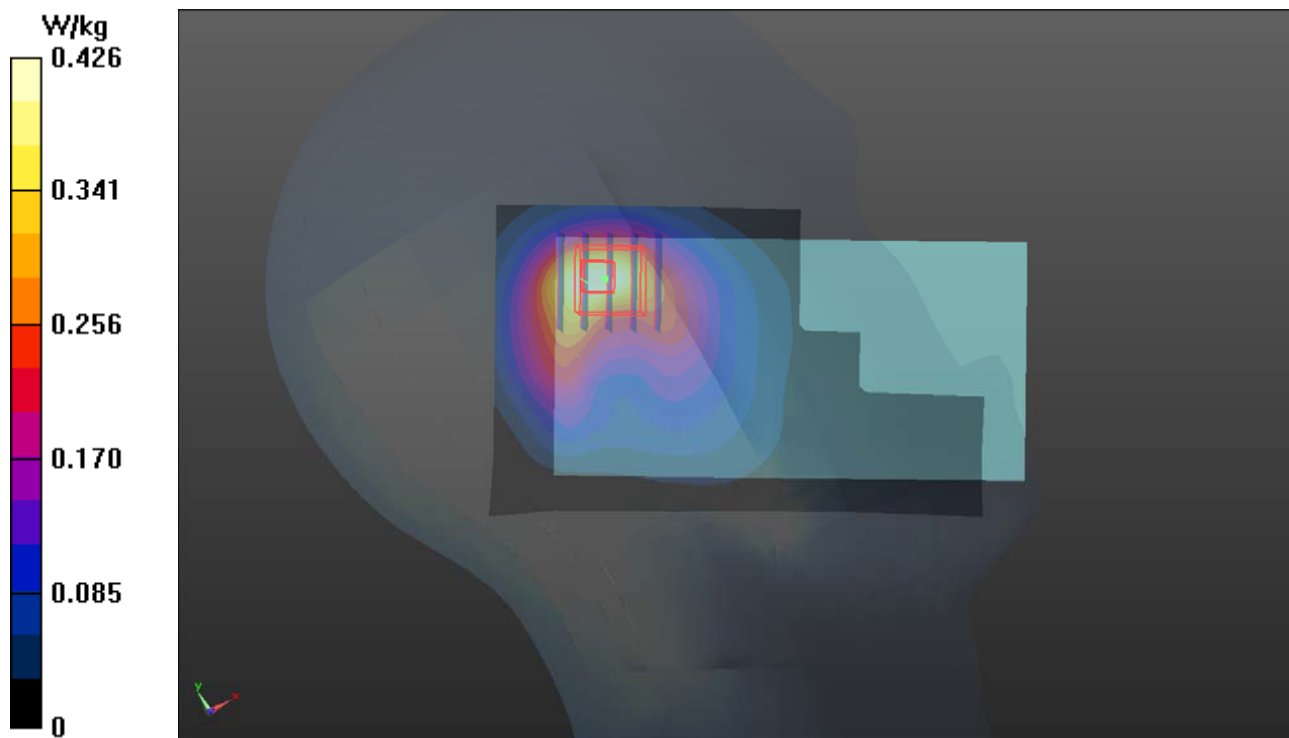
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.48 V/m ; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.591 W/kg

SAR(1 g) = 0.336 W/kg ; SAR(10 g) = 0.196 W/kg

Maximum value of SAR (measured) = 0.488 W/kg



P02 CDMA BC1_RC3+SO55_Left Cheek_Ch1175_Sample1_Ant1

DUT: 160829C09

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: H16T20N1_0915 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.472$ S/m; $\epsilon_r = 38.127$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.29, 8.29, 8.29); Calibrated: 2016/07/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2016/06/16
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

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

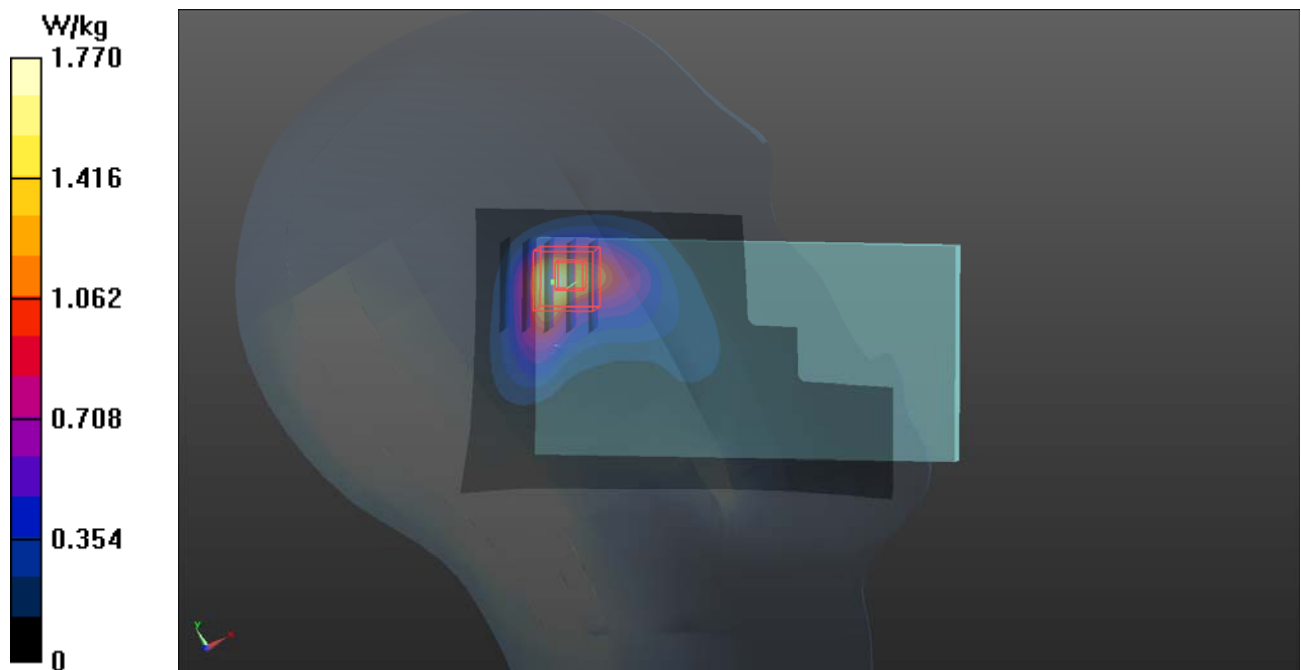
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.52 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.76 W/kg

SAR(1 g) = 0.932 W/kg; SAR(10 g) = 0.497 W/kg

Maximum value of SAR (measured) = 1.34 W/kg



P03 CDMA BC10_RC3+SO55_Left Cheek_Ch580_Sample1_Ant1

DUT: 160829C09

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

Medium: H07T10N3_0915 Medium parameters used: $f = 820.5 \text{ MHz}$; $\sigma = 0.901 \text{ S/m}$; $\epsilon_r = 42.897$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(9.8, 9.8, 9.8); Calibrated: 2016/07/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2016/03/21
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.427 W/kg

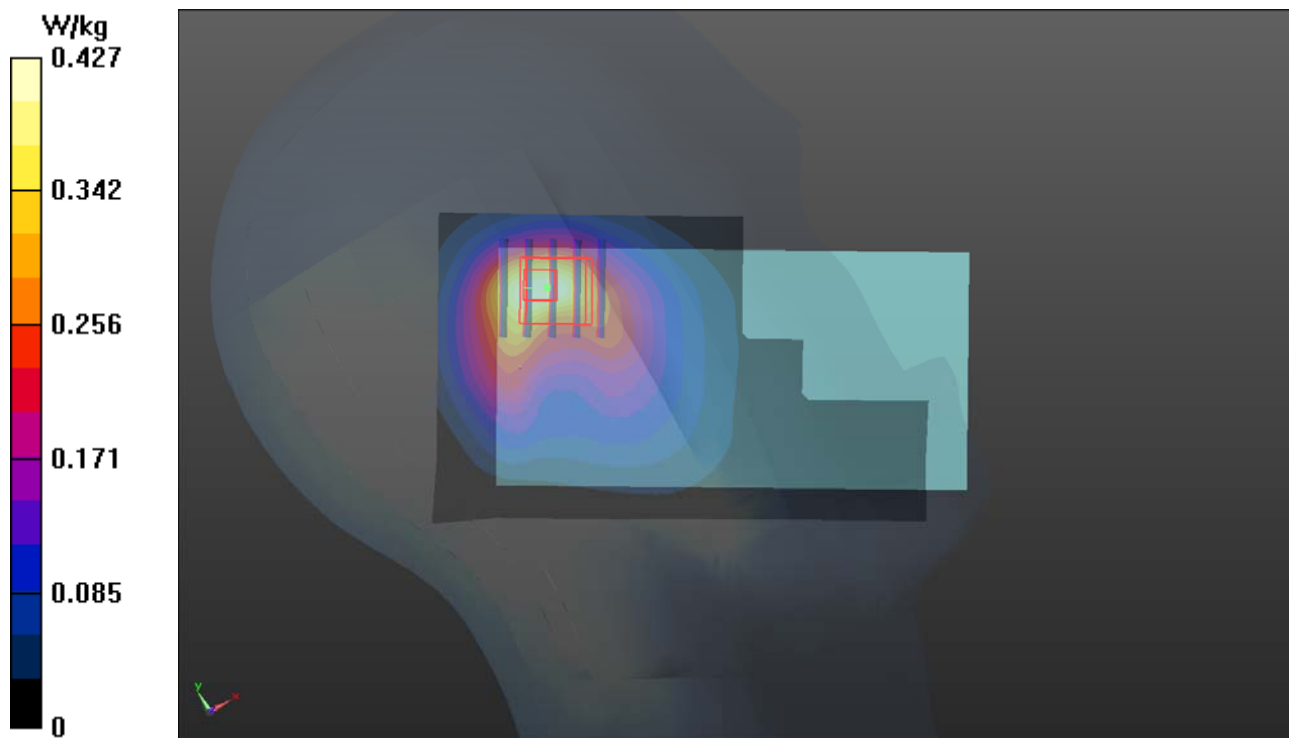
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.67 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.606 W/kg

SAR(1 g) = 0.347 W/kg; SAR(10 g) = 0.204 W/kg

Maximum value of SAR (measured) = 0.499 W/kg



P04 LTE 2_QPSK20M_Left Cheek_Ch19100_Sample1_Ant1_1RB_OS0

DUT: 160829C09

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

Medium: H16T20N1_0913 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.46$ S/m; $\epsilon_r = 38.447$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1790; ConvF(5.35, 5.35, 5.35); Calibrated: 2016/06/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2015/07/22
- Phantom: Twin SAM Phantom_1822; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.952 W/kg

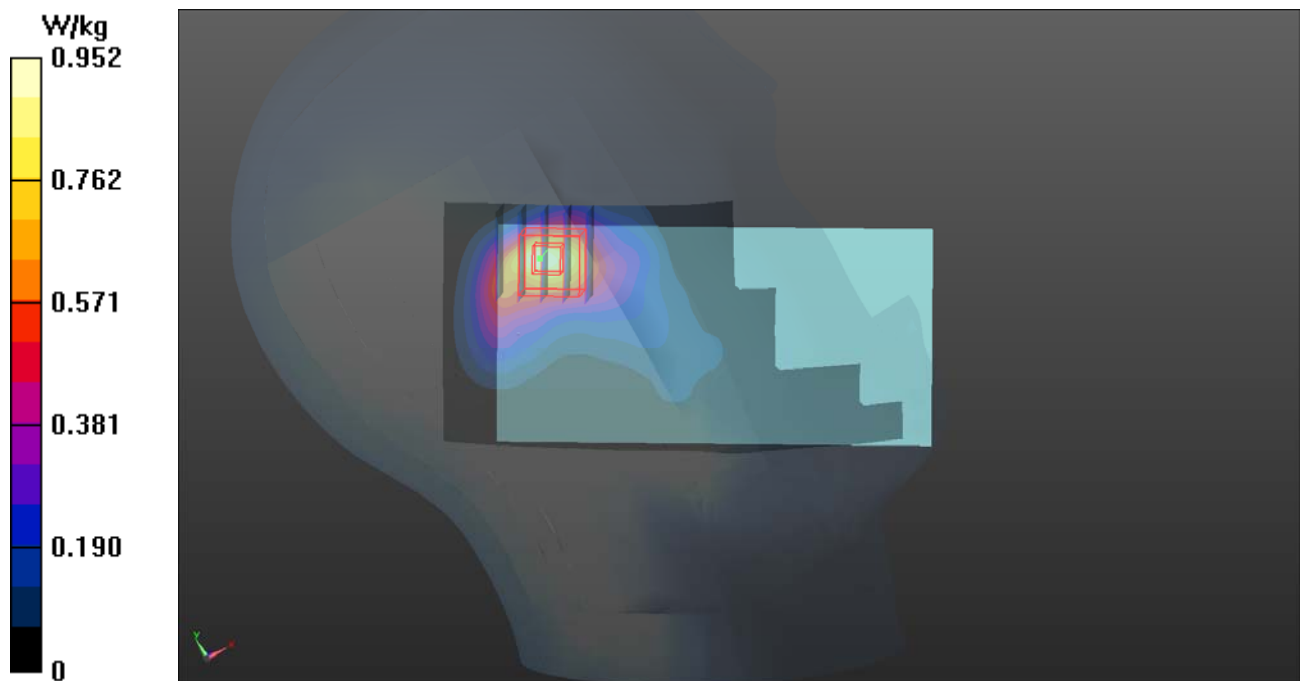
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.17 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 0.856 W/kg; SAR(10 g) = 0.451 W/kg

Maximum value of SAR (measured) = 0.925 W/kg



P05 LTE 4_QPSK20M_Left Cheek_Ch20050_Sample1_Ant1_1RB_OS0

DUT: 160829C09

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

Medium: H16T20N1_0915 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.298$ S/m; $\epsilon_r = 38.86$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.61, 8.61, 8.61); Calibrated: 2016/07/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2016/06/16
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 1.49 W/kg

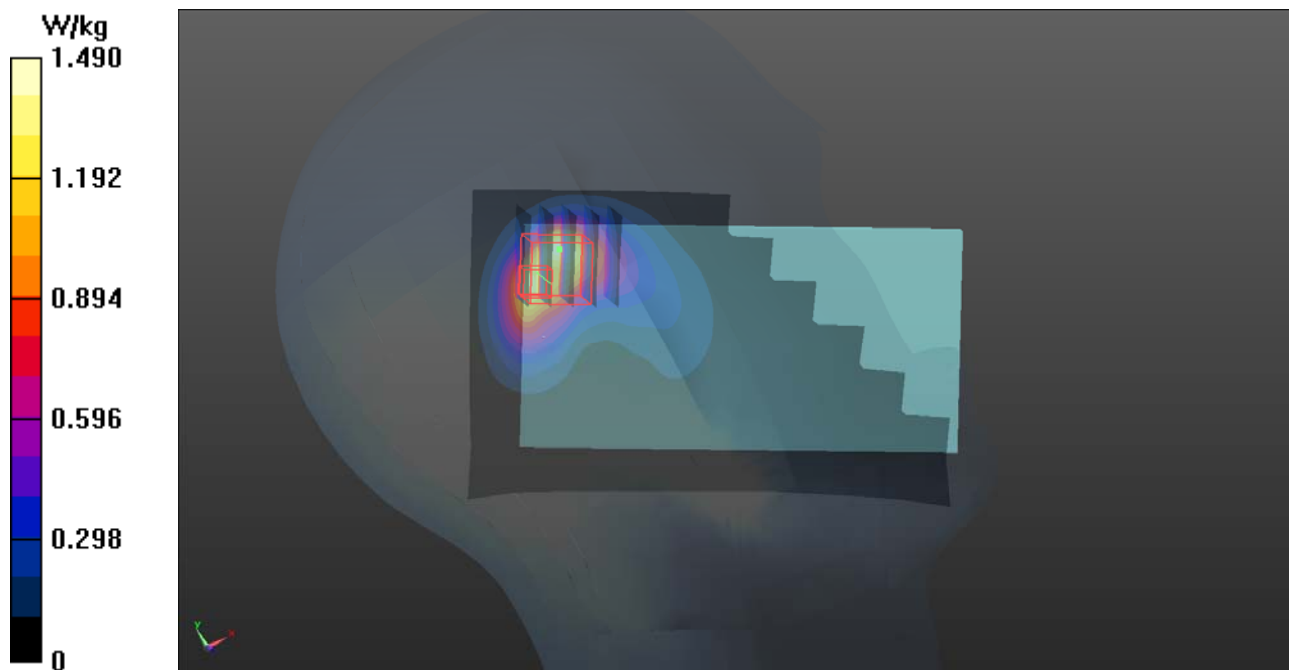
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.47 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.13 W/kg

SAR(1 g) = 1 W/kg; SAR(10 g) = 0.491 W/kg

Maximum value of SAR (measured) = 1.72 W/kg



P06 LTE 5_QPSK10M_Left Cheek_Ch20450_Sample1_Ant1_1RB_OS24

DUT: 160829C09

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

Medium: H07T10N3_0914 Medium parameters used: $f = 829$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 42.663$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(9.8, 9.8, 9.8); Calibrated: 2016/07/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2016/03/21
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.343 W/kg

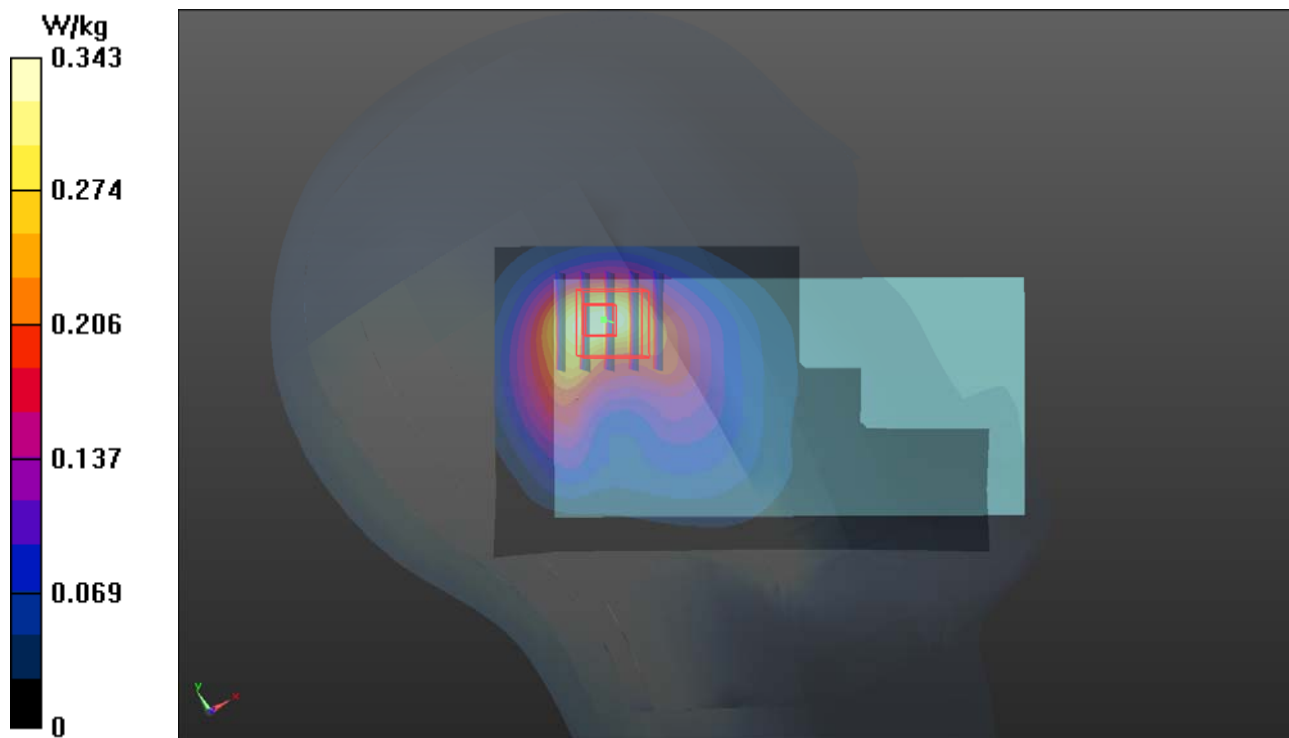
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.205 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.476 W/kg

SAR(1 g) = 0.272 W/kg; SAR(10 g) = 0.159 W/kg

Maximum value of SAR (measured) = 0.389 W/kg



P07 LTE 7_QPSK20M_Left Cheek_Ch21350_Sample1_Ant1_1RB_OS0

DUT: 160829C09

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

Medium: H19T27N3_0909 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.984$ S/m; $\epsilon_r = 38.572$; $\rho = 1000$ kg/m³

Ambient Temperature : 24.0 °C ; Liquid Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.32, 7.32, 7.32); Calibrated: 2016/07/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2016/06/16
- Phantom: Twin SAM Phantom_1127; Type: QD000P40CA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 1.56 W/kg

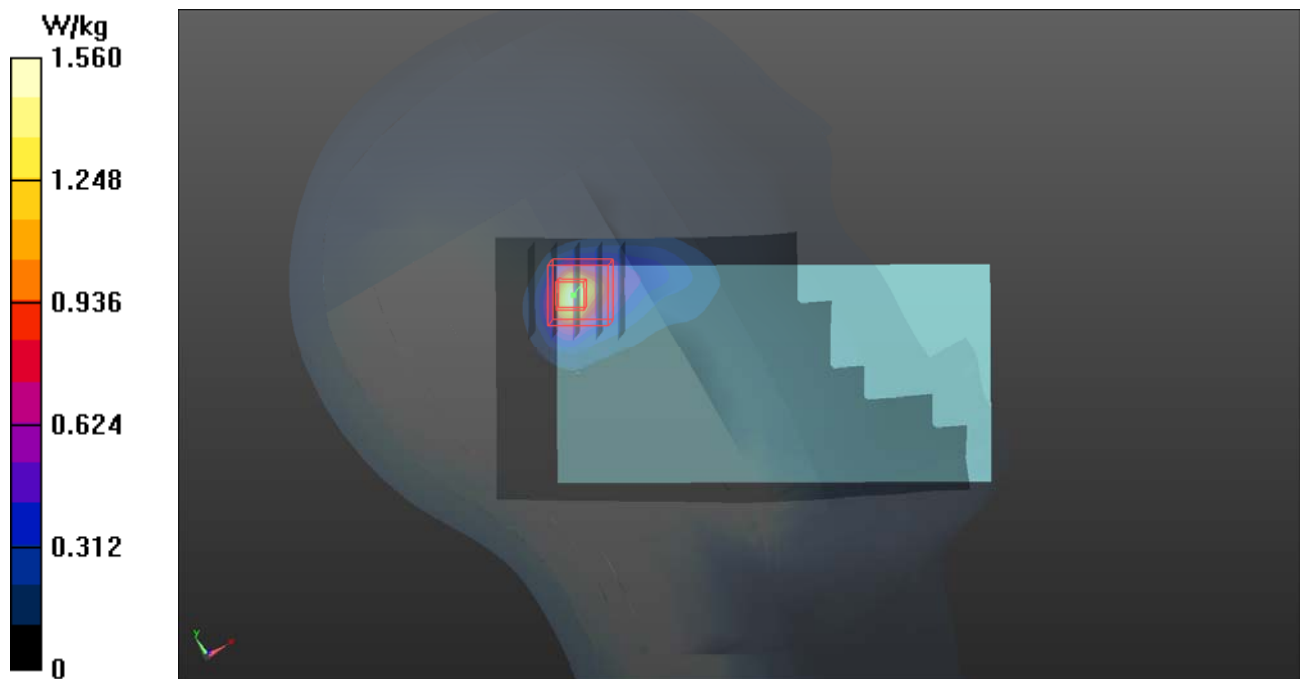
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.076 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.684 W/kg; SAR(10 g) = 0.304 W/kg

Maximum value of SAR (measured) = 1.20 W/kg



P08 LTE 12_QPSK10M_Left Cheek_Ch23130_Sample1_Ant1_1RB_OS24

DUT: 160829C09

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

Medium: H06T09N1_0915 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.851 \text{ S/m}$; $\epsilon_r = 42.947$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(10.09, 10.09, 10.09); Calibrated: 2016/07/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2016/03/21
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.276 W/kg

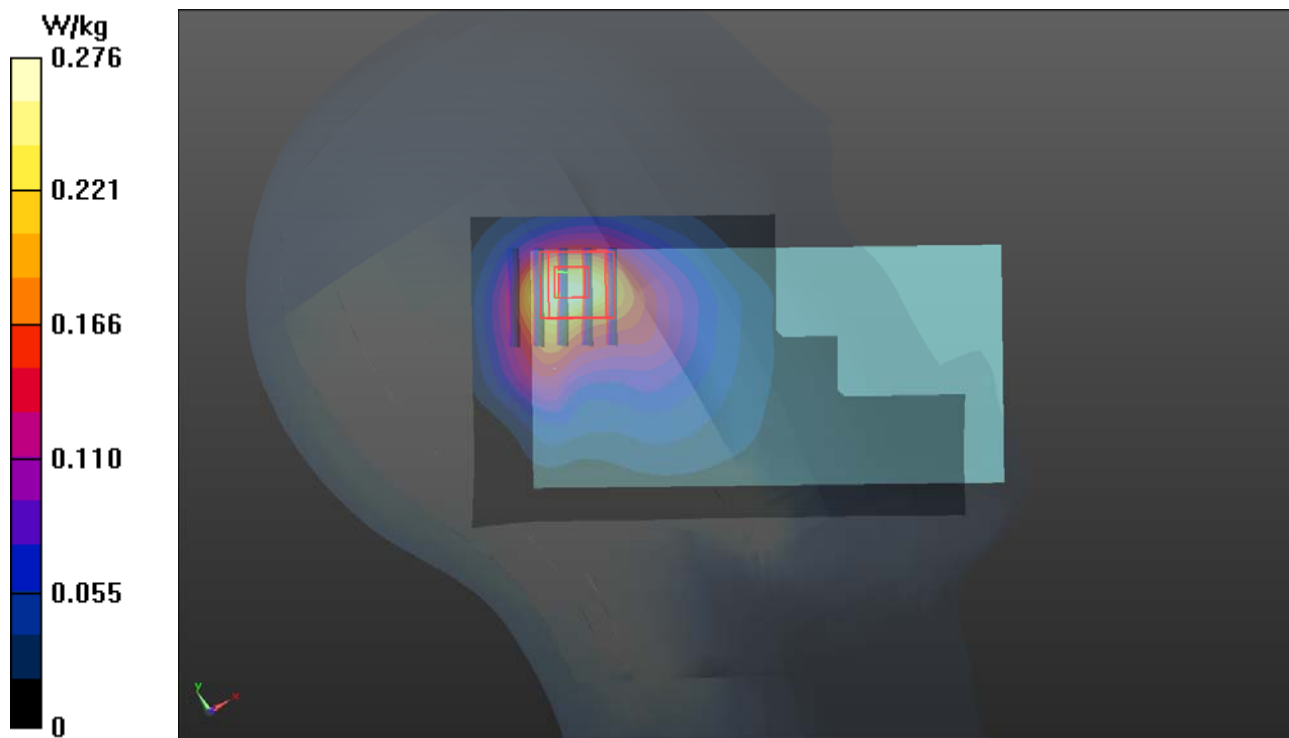
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.227 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.349 W/kg

SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.121 W/kg

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



P09 LTE 25_QPSK20M_Left Cheek_Ch26365_Sample1_Ant1_1RB_OS0

DUT: 160829C09

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

Medium: H16T20N1_0915 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.448$ S/m; $\epsilon_r = 38.233$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.29, 8.29, 8.29); Calibrated: 2016/07/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2016/06/16
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 1.41 W/kg

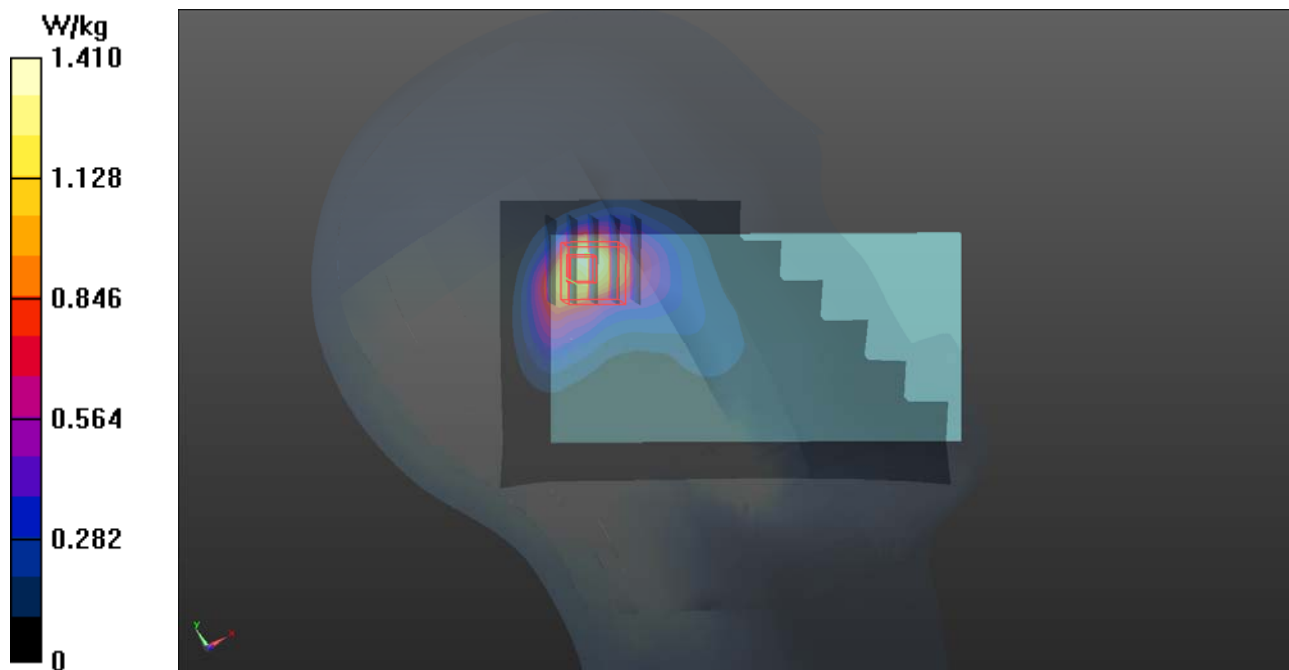
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.20 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.92 W/kg

SAR(1 g) = 0.901 W/kg; SAR(10 g) = 0.486 W/kg

Maximum value of SAR (measured) = 1.40 W/kg



P10 LTE 26_QPSK15M_Left Cheek_Ch26765_Sample1_Ant1_1RB_OS0

DUT: 160829C09

Communication System: LTE; Frequency: 821.5 MHz; Duty Cycle: 1:1

Medium: H07T10N3_0914 Medium parameters used: $f = 821.5$ MHz; $\sigma = 0.917$ S/m; $\epsilon_r = 42.753$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(9.8, 9.8, 9.8); Calibrated: 2016/07/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2016/03/21
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.334 W/kg

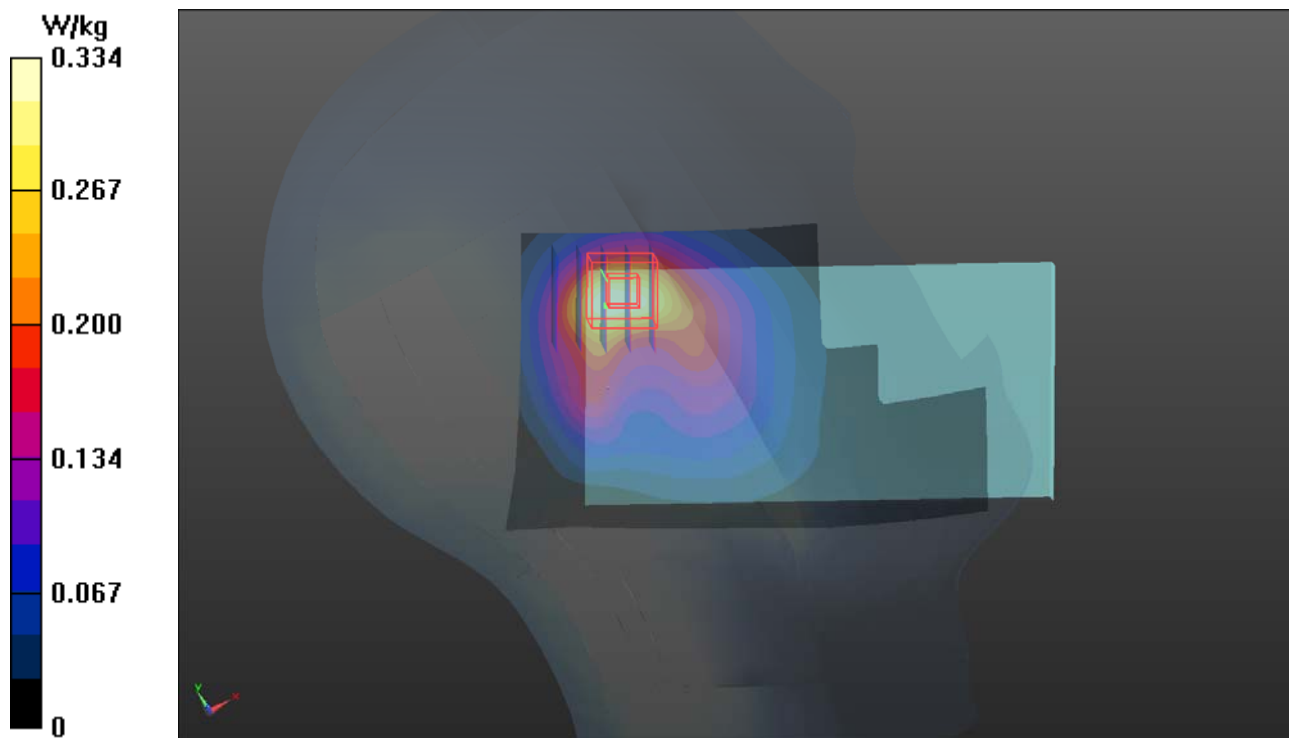
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.426 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.420 W/kg

SAR(1 g) = 0.249 W/kg; SAR(10 g) = 0.148 W/kg

Maximum value of SAR (measured) = 0.334 W/kg



P11 LTE 41_QPSK20M_Left Cheek_Ch41490_Sample1_Ant1_1RB_OS0

DUT: 160829C09

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

Medium: H19T27N2_0914 Medium parameters used: $f = 2680$ MHz; $\sigma = 2.116$ S/m; $\epsilon_r = 39.157$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.57, 7.57, 7.57); Calibrated: 2016/07/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2016/03/21
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.620 W/kg

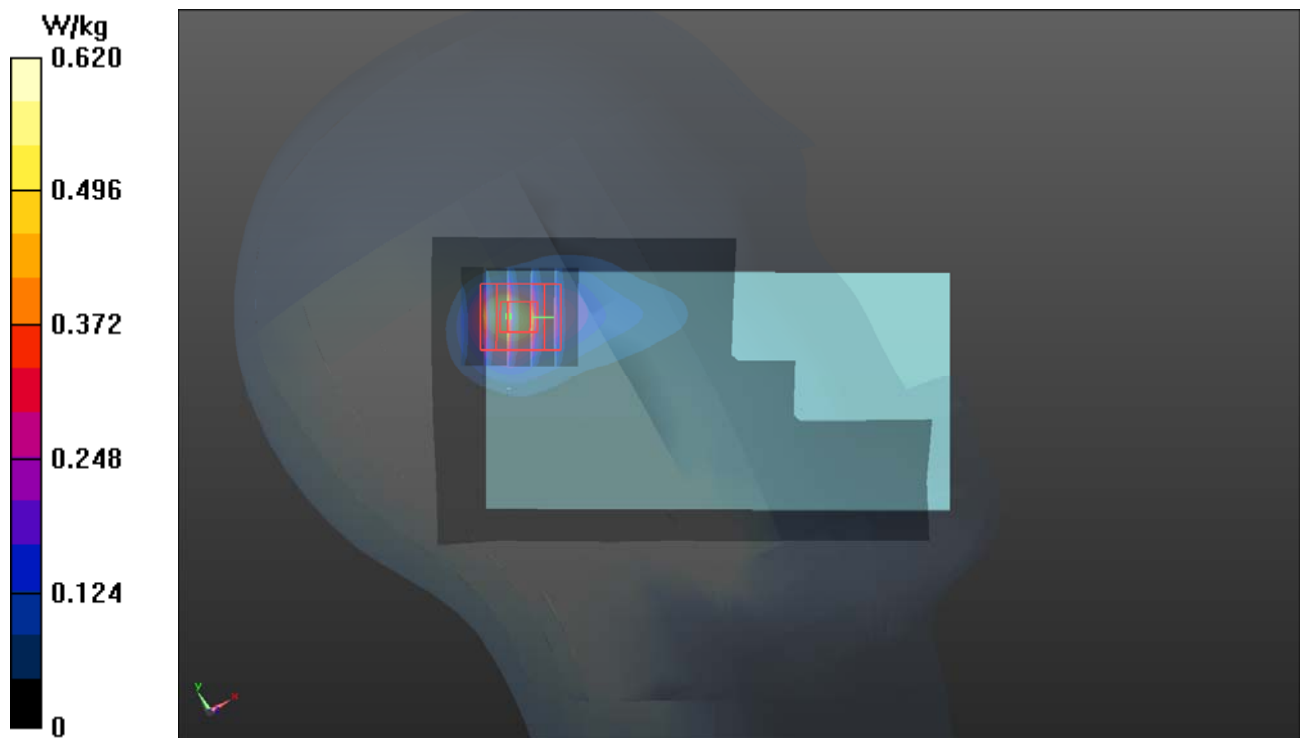
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.849 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.655 W/kg

SAR(1 g) = 0.293 W/kg; SAR(10 g) = 0.135 W/kg

Maximum value of SAR (measured) = 0.484 W/kg



P12 2.4G WLAN_802.11b_Right Cheek_Ch6_Sample1

DUT: 160829C09

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

Medium: H19T27N3_0915 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.851$ S/m; $\epsilon_r = 39.003$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.46, 7.46, 7.46); Calibrated: 2016/03/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2016/09/05
- Phantom: Twin SAM Phantom_1496; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.972 W/kg

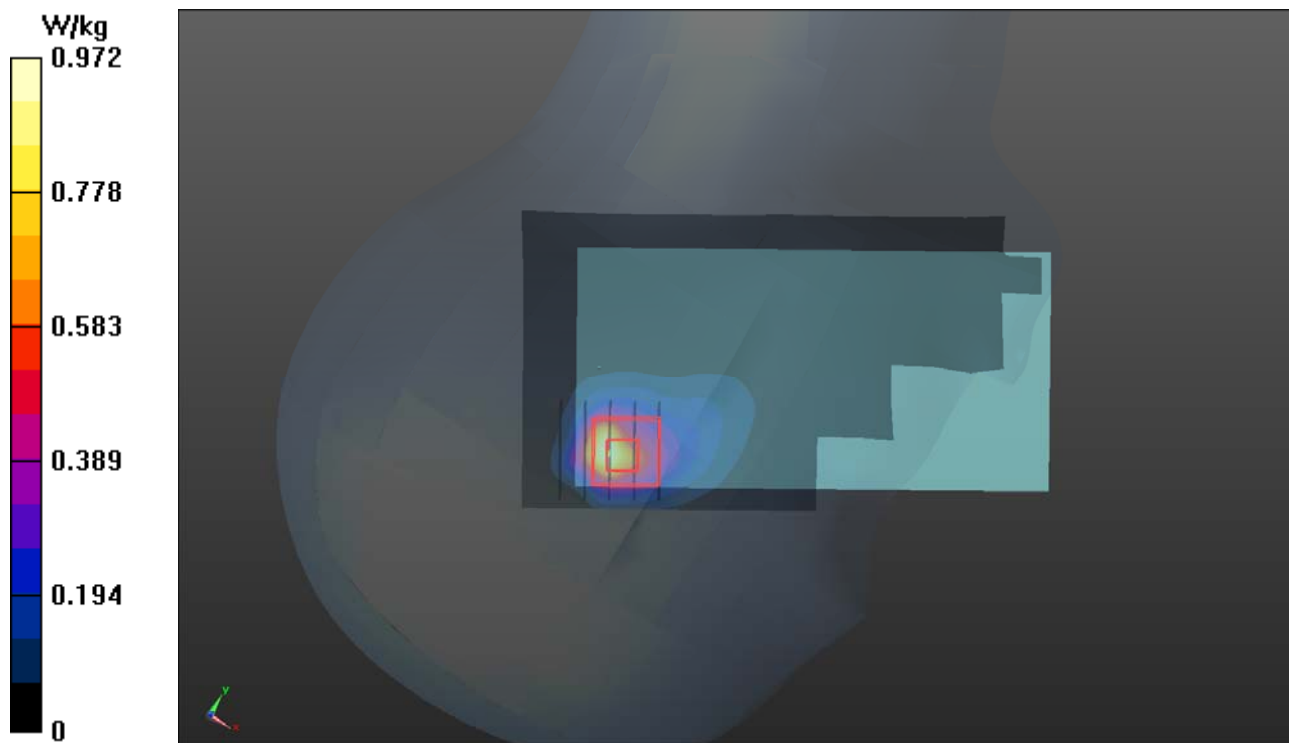
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.836 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.982 W/kg

SAR(1 g) = 0.411 W/kg; SAR(10 g) = 0.192 W/kg

Maximum value of SAR (measured) = 0.690 W/kg



P13 5.3G WLAN_802.11ac VH80_Right Cheek_Ch58_Sample1

DUT: 160829C09

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

Medium: H34T60N1_0915 Medium parameters used: $f = 5290$ MHz; $\sigma = 4.658$ S/m; $\epsilon_r = 35.044$; $\rho = 1000$ kg/m³

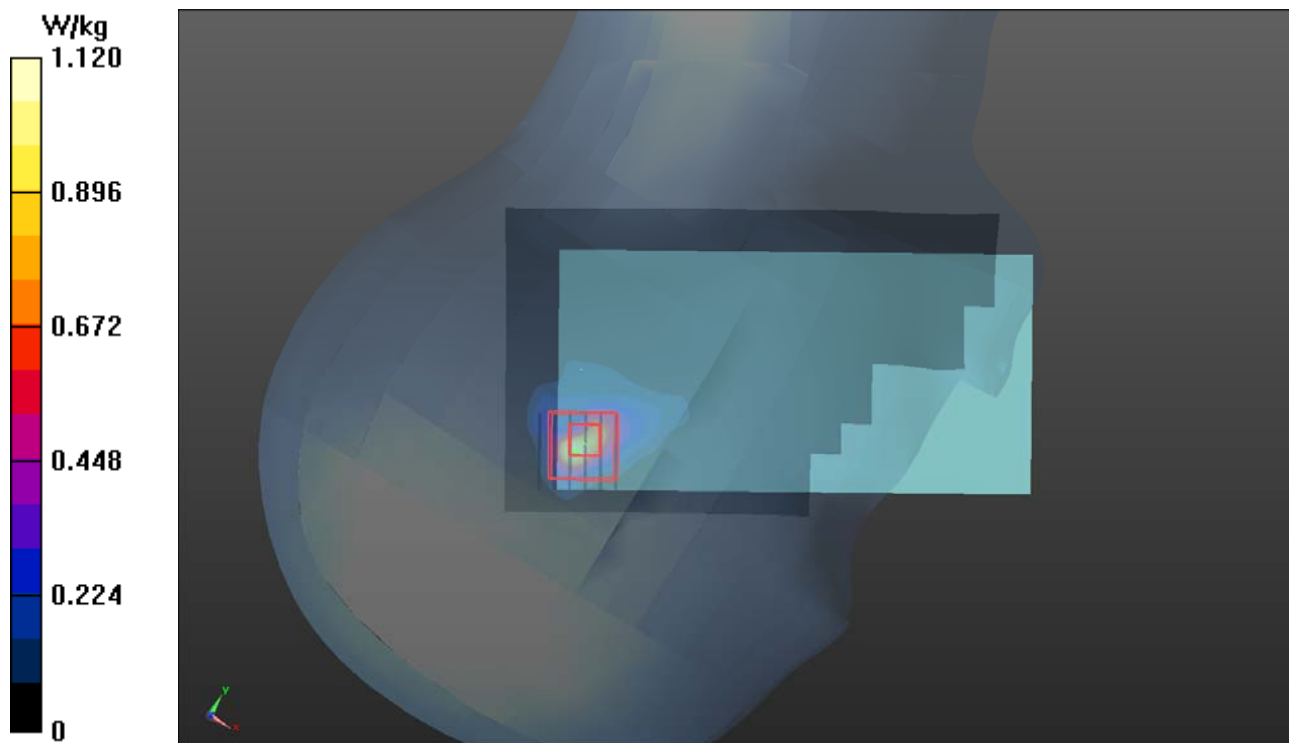
Ambient Temperature : 23.9 °C ; Liquid Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(5, 5, 5); Calibrated: 2016/03/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2016/09/05
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

- **Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.12 W/kg

- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 4.226 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 2.65 W/kg
SAR(1 g) = 0.495 W/kg; SAR(10 g) = 0.118 W/kg
Maximum value of SAR (measured) = 1.46 W/kg



P14 5.6G WLAN_802.11ac VH80_Right Cheek_Ch106_Sample1

DUT: 160829C09

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

Medium: H34T60N1_0915 Medium parameters used: $f = 5530$ MHz; $\sigma = 4.882$ S/m; $\epsilon_r = 34.703$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.9 °C ; Liquid Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(4.94, 4.94, 4.94); Calibrated: 2016/03/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2016/09/05
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.990 W/kg

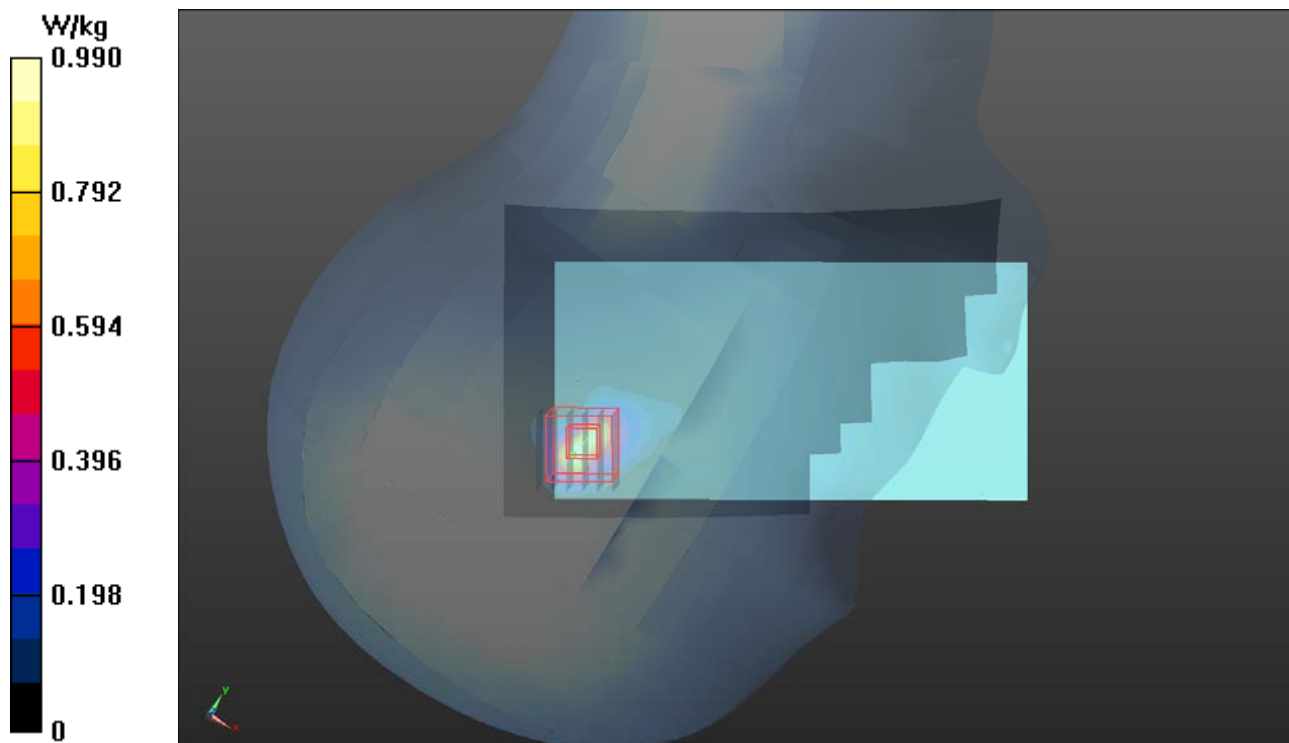
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 4.046 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.89 W/kg

SAR(1 g) = 0.519 W/kg; SAR(10 g) = 0.131 W/kg

Maximum value of SAR (measured) = 1.46 W/kg



P15 5.8G WLAN_802.11ac VH80_Right Cheek_Ch155_Sample1

DUT: 160829C09

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

Medium: H34T60N1_0915 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.109$ S/m; $\epsilon_r = 34.307$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.9 °C ; Liquid Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(4.75, 4.75, 4.75); Calibrated: 2016/03/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2016/09/05
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 1.18 W/kg

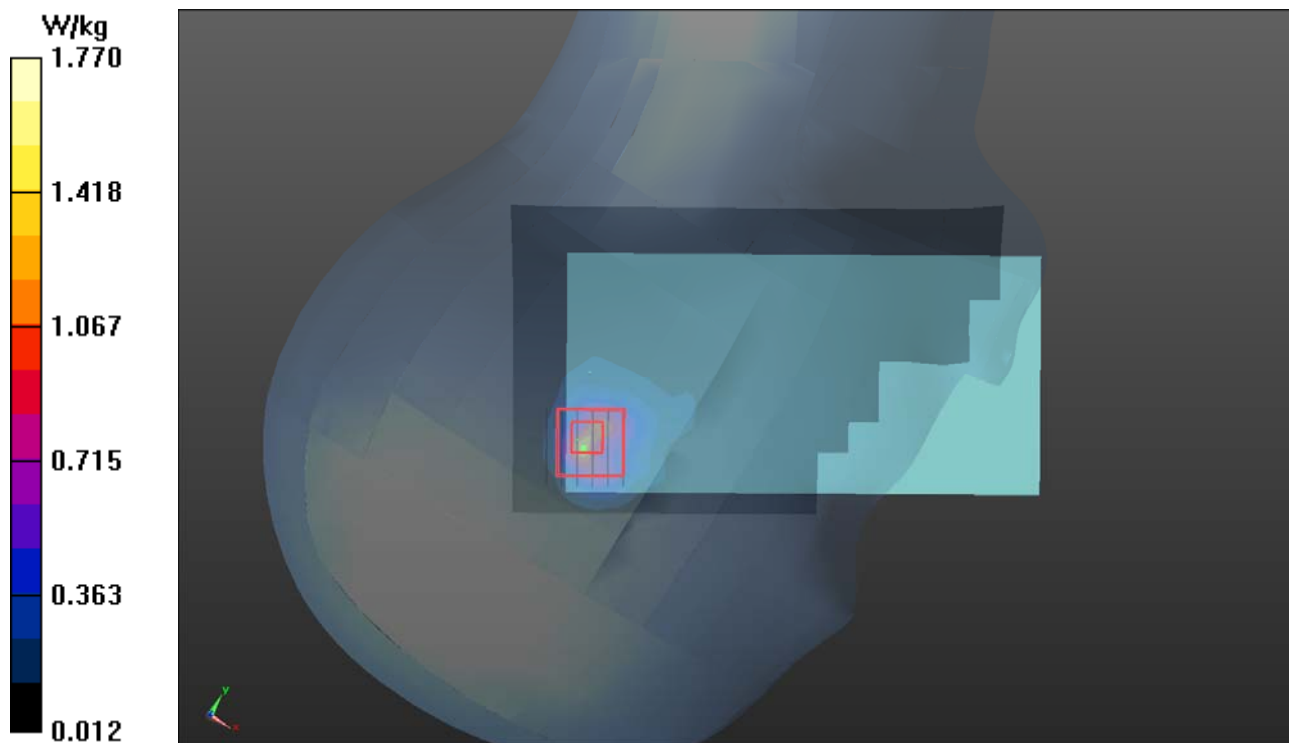
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 7.755 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.79 W/kg

SAR(1 g) = 0.672 W/kg; SAR(10 g) = 0.195 W/kg

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



P16 CDMA BC0_RTAP153.6_Rear Face_1cm_Ch1013_Sample1_Ant0

DUT: 160829C09

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

Medium: B07T10N3_0916 Medium parameters used: $f = 825 \text{ MHz}$; $\sigma = 1.007 \text{ S/m}$; $\epsilon_r = 54.383$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(10.08, 10.08, 10.08); Calibrated: 2016/07/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2016/03/21
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.428 W/kg

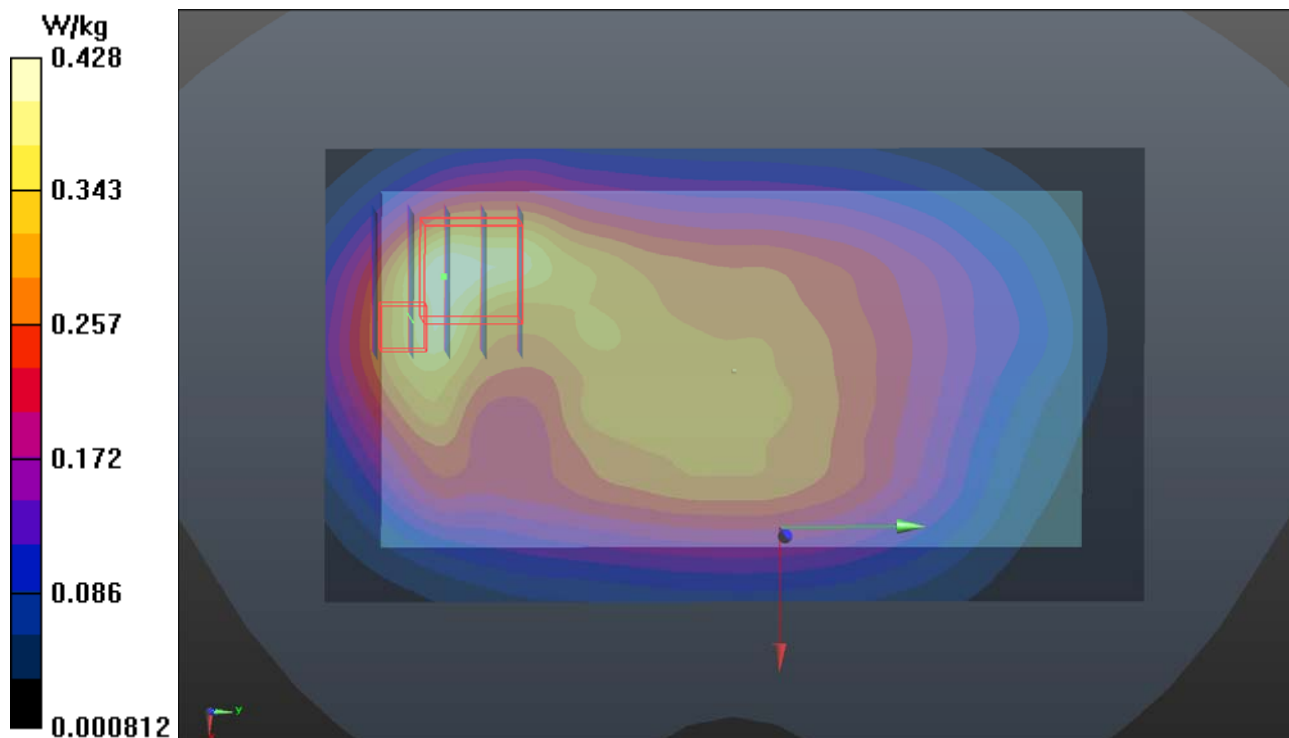
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.85 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.453 W/kg

SAR(1 g) = 0.266 W/kg; SAR(10 g) = 0.163 W/kg

Maximum value of SAR (measured) = 0.388 W/kg



P17 CDMA BC1_RTAP153.6_Front Face_1cm_Ch1175_Sample1_Ant0

DUT: 160829C09

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: B16T20N2_0916 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.58$ S/m; $\epsilon_r = 51.221$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.89, 7.89, 7.89); Calibrated: 2016/07/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2016/06/16
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

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

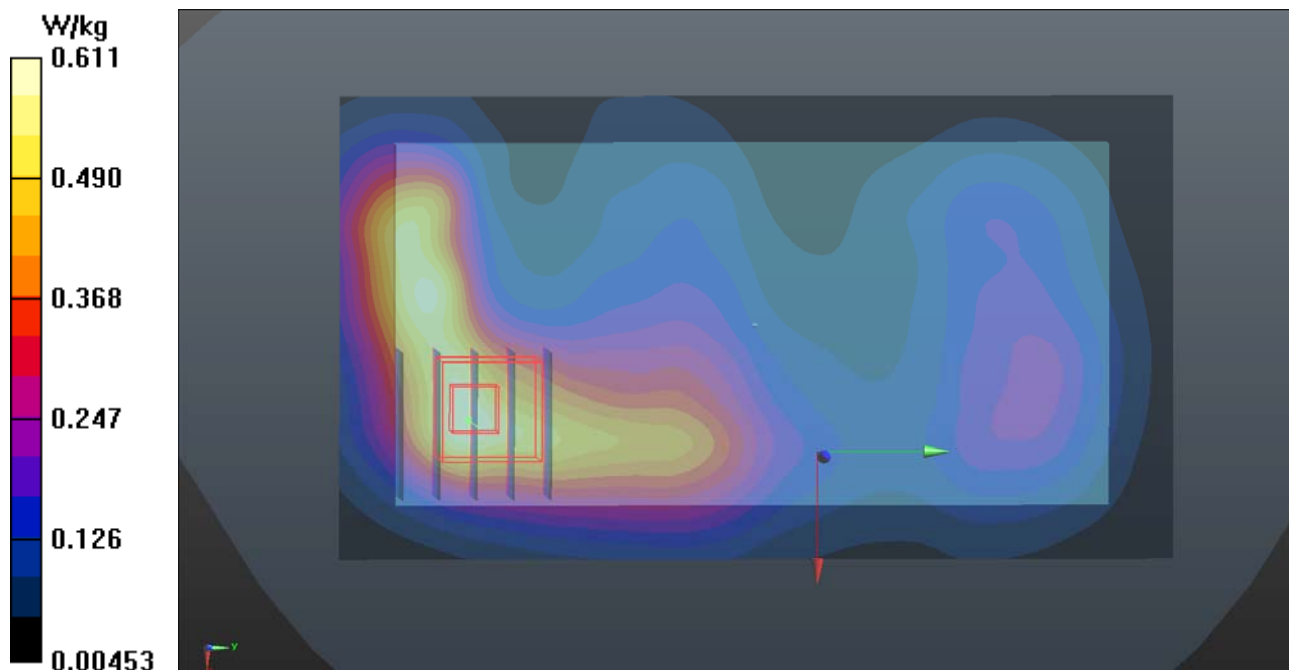
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.05 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.856 W/kg

SAR(1 g) = 0.496 W/kg; SAR(10 g) = 0.280 W/kg

Maximum value of SAR (measured) = 0.724 W/kg



P18 CDMA BC10_RTAP153.6_Rear Face_1cm_Ch580_Sample1_Ant0

DUT: 160829C09

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

Medium: B07T10N3_0916 Medium parameters used: $f = 820.5$ MHz; $\sigma = 1.003$ S/m; $\epsilon_r = 54.429$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(10.08, 10.08, 10.08); Calibrated: 2016/07/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2016/03/21
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.418 W/kg

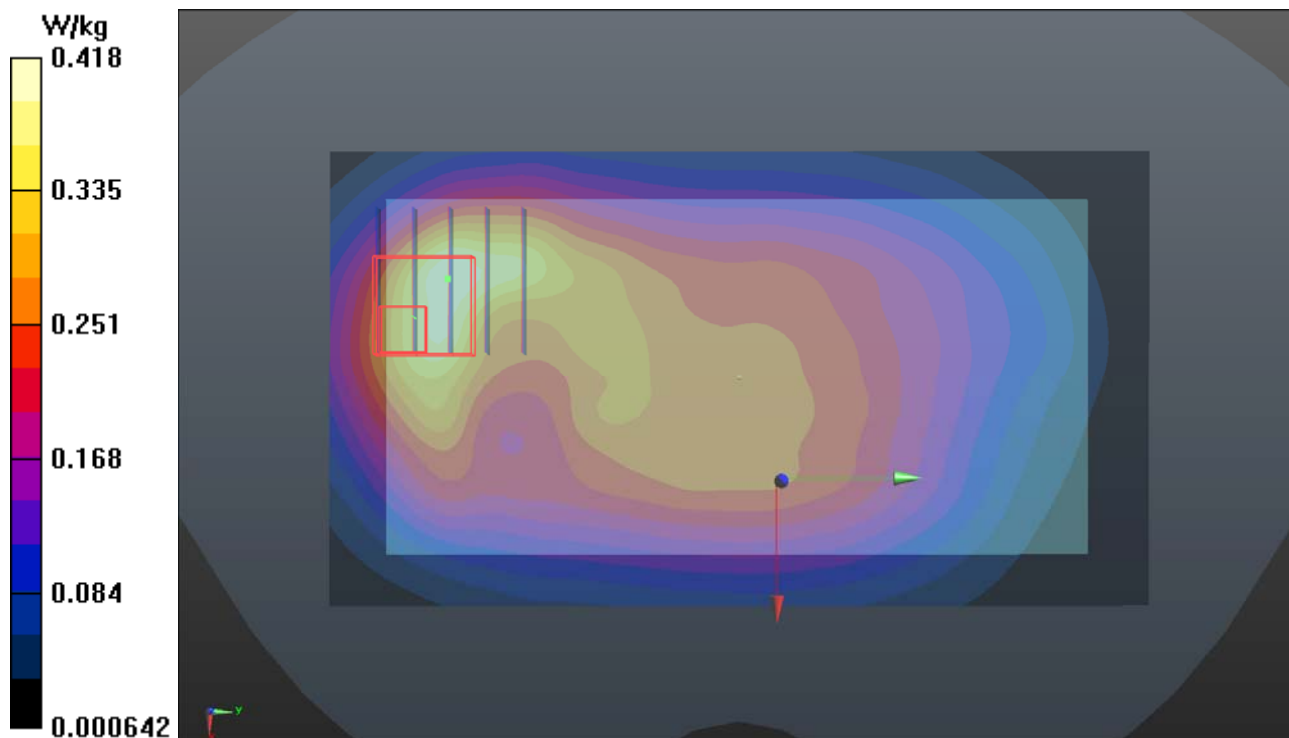
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.16 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.460 W/kg

SAR(1 g) = 0.269 W/kg; SAR(10 g) = 0.157 W/kg

Maximum value of SAR (measured) = 0.391 W/kg



P19 LTE 2_QPSK20M_Front Face_1cm_Ch18900_Sample1_Ant0_1RB_OS0

DUT: 160829C09

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

Medium: B16T20N2_0916 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.552$ S/m; $\epsilon_r = 51.304$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.89, 7.89, 7.89); Calibrated: 2016/07/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2016/06/16
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.550 W/kg

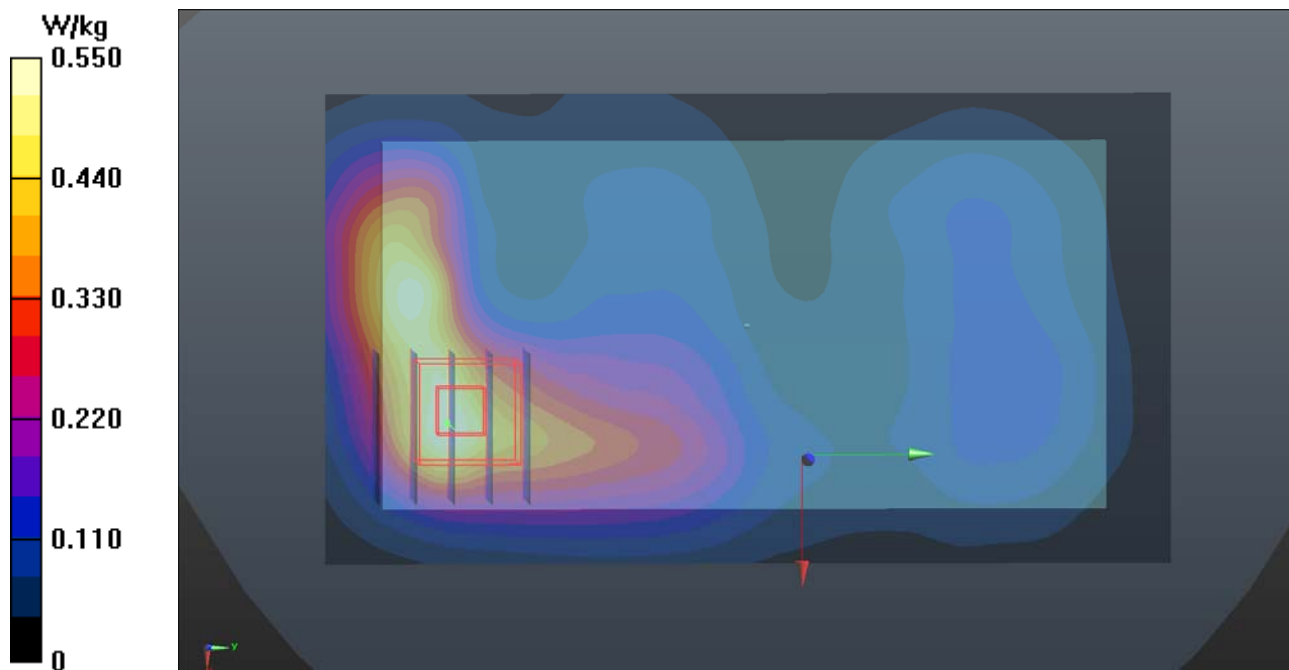
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.597 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.756 W/kg

SAR(1 g) = 0.435 W/kg; SAR(10 g) = 0.247 W/kg

Maximum value of SAR (measured) = 0.637 W/kg



P20 LTE 4_QPSK20M_Front Face_1cm_Ch20175_Sample1_Ant0_1RB_OS0

DUT: 160829C09

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

Medium: B16T20N2_0916 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.426$ S/m; $\epsilon_r = 51.791$; ρ

$= 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.15, 8.15, 8.15); Calibrated: 2016/07/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2016/06/16
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.363 W/kg

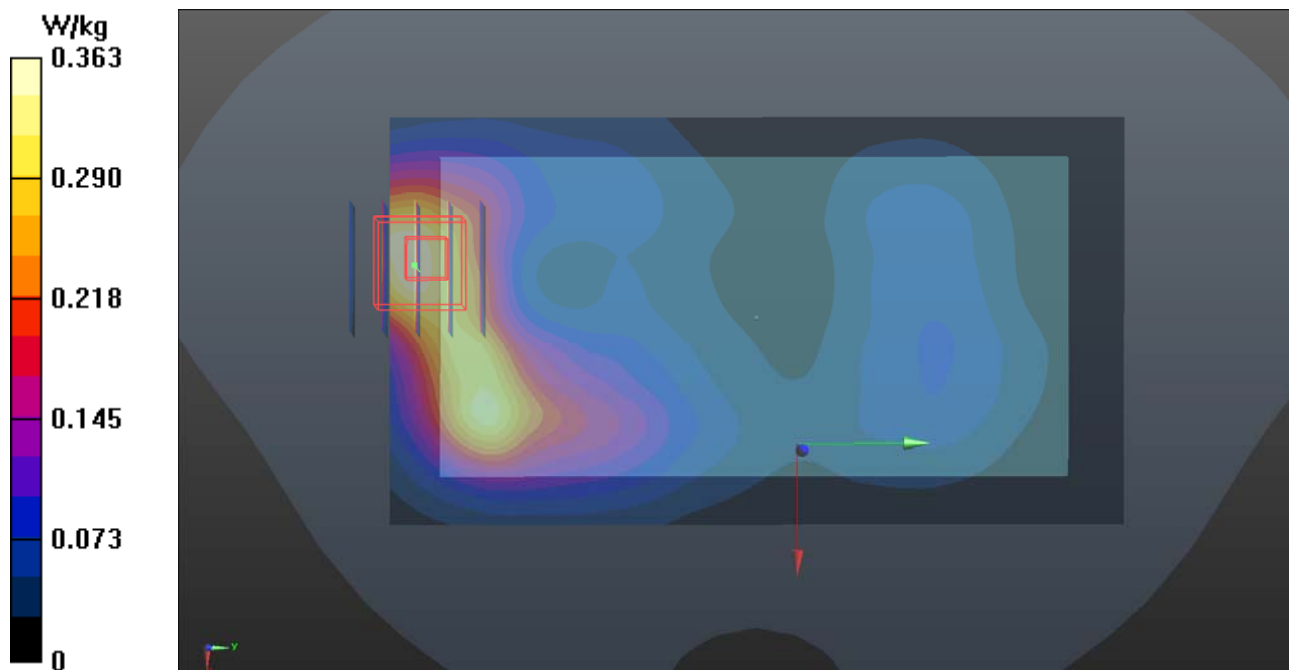
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.574 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.764 W/kg

SAR(1 g) = 0.432 W/kg; SAR(10 g) = 0.224 W/kg

Maximum value of SAR (measured) = 0.576 W/kg



P21 LTE 5_QPSK10M_Rear Face_1cm_Ch20450_Sample1_Ant0_1RB_OS24

DUT: 160829C09

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

Medium: B07T10N2_0914 Medium parameters used: $f = 829 \text{ MHz}$; $\sigma = 0.982 \text{ S/m}$; $\epsilon_r = 56.672$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.8 \text{ }^\circ\text{C}$; Liquid Temperature : $23.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(9.89, 9.89, 9.89); Calibrated: 2016/03/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2016/09/05
- Phantom: Twin SAM Phantom_1496; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.360 W/kg

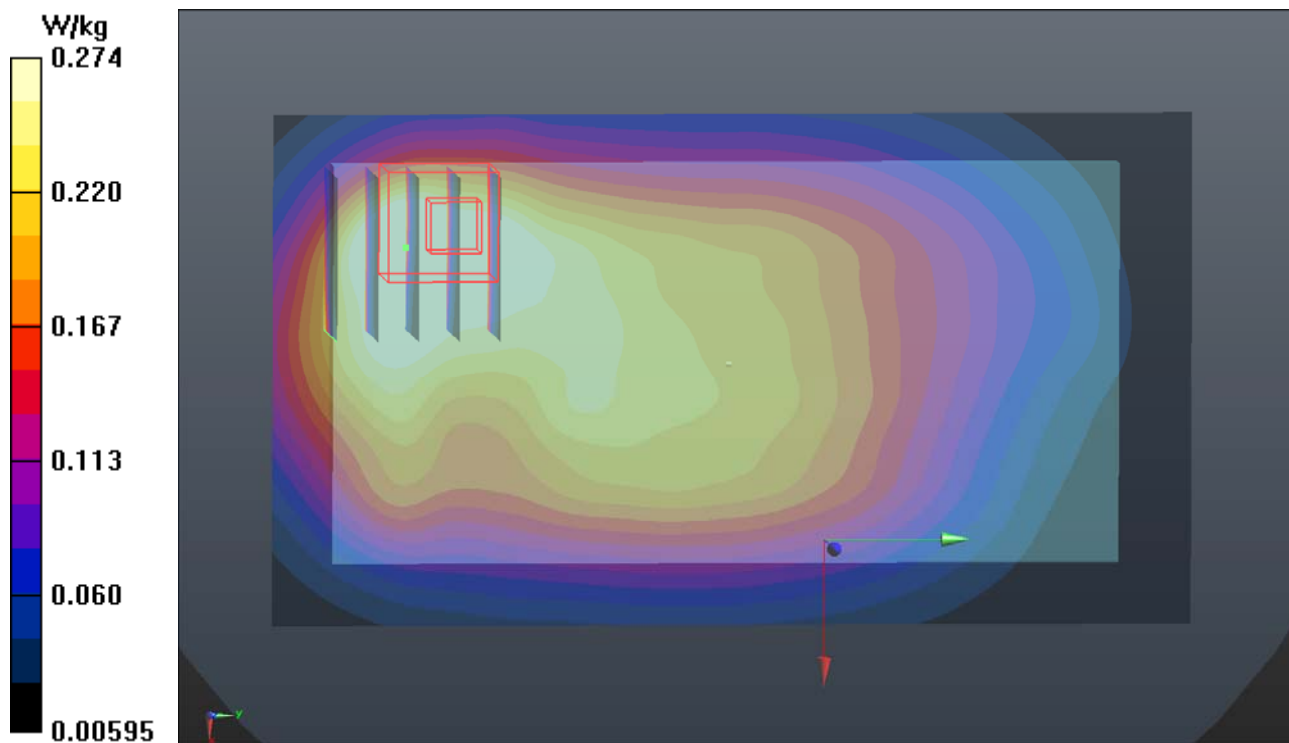
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.53 V/m ; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.333 W/kg

SAR(1 g) = 0.166 W/kg ; SAR(10 g) = 0.099 W/kg

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



P22 LTE 7_QPSK20M_Rear Face_1cm_Ch21350_Sample1_Ant0_1RB_OS0

DUT: 160829C09

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

Medium: B19T27N2_0914 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.1$ S/m; $\epsilon_r = 51.119$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(6.88, 6.88, 6.88); Calibrated: 2016/03/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2016/09/05
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

- **Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.42 W/kg

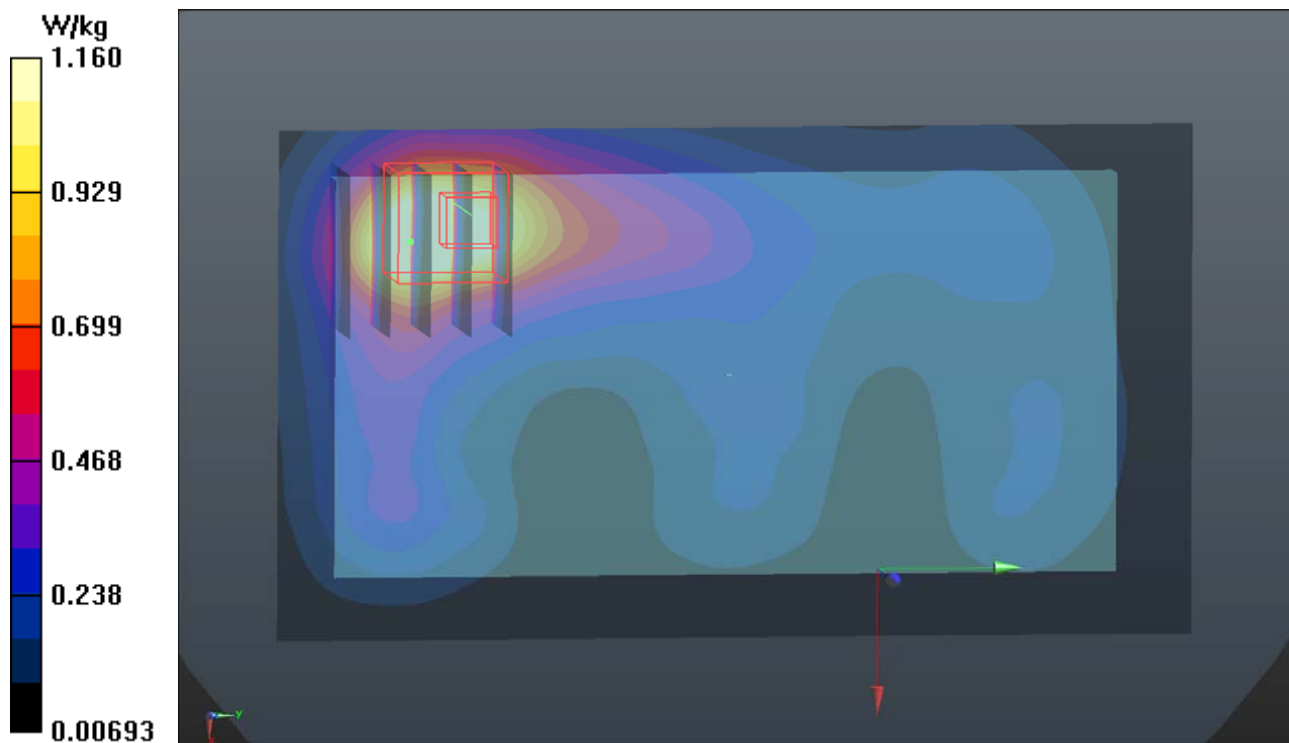
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.28 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.751 W/kg; SAR(10 g) = 0.377 W/kg

Maximum value of SAR (measured) = 1.16 W/kg



P23 LTE 12_QPSK10M_Rear Face_1cm_Ch23130_Sample1_Ant0_1RB_OS24

DUT: 160829C09

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

Medium: B06T09N1_0916 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.926 \text{ S/m}$; $\epsilon_r = 54.57$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.9 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(10.11, 10.11, 10.11); Calibrated: 2016/07/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2016/03/21
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

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

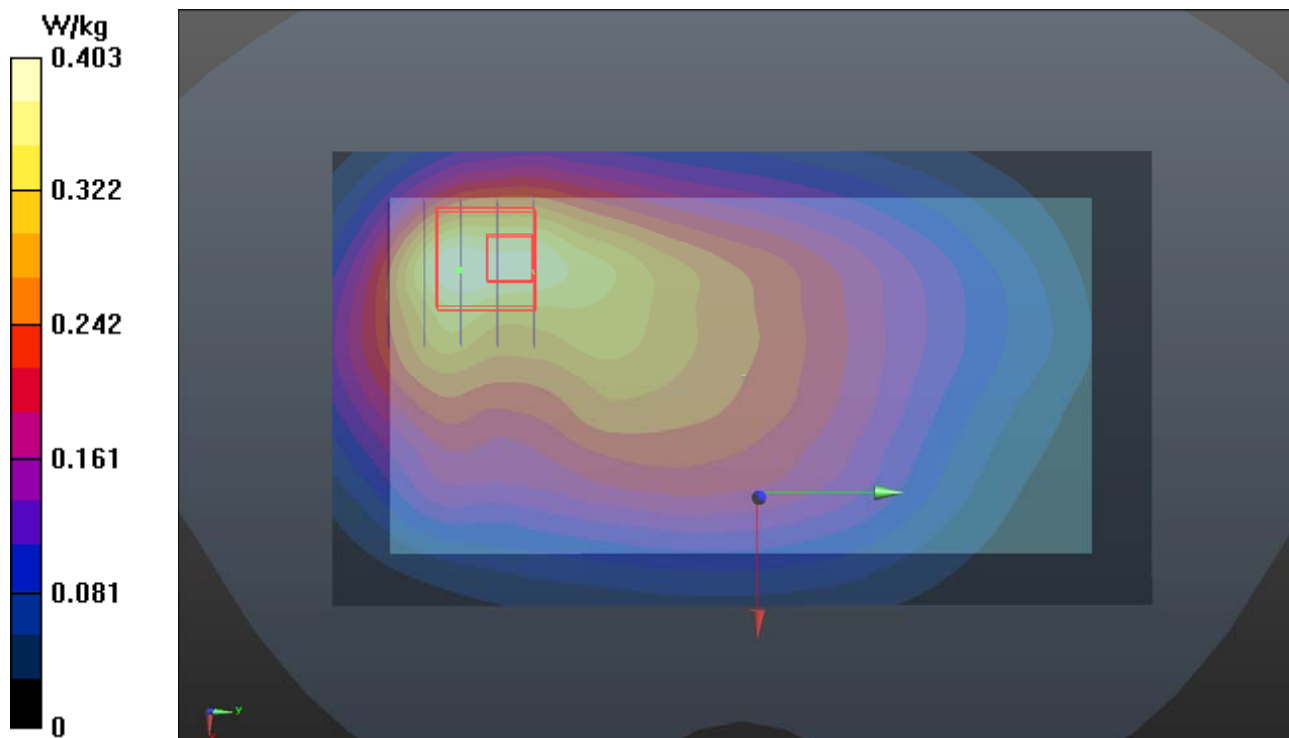
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.12 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.426 W/kg

SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.170 W/kg

Maximum value of SAR (measured) = 0.364 W/kg



P24 LTE 25_QPSK20M_Front Face_1cm_Ch26590_Sample1_Ant0_1RB_OS0

DUT: 160829C09

Communication System: LTE; Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: B16T20N2_0919 Medium parameters used: $f = 1905$ MHz; $\sigma = 1.578$ S/m; $\epsilon_r = 50.835$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.85, 7.85, 7.85); Calibrated: 2016/03/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2016/09/05
- Phantom: Twin SAM Phantom_1496; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.627 W/kg

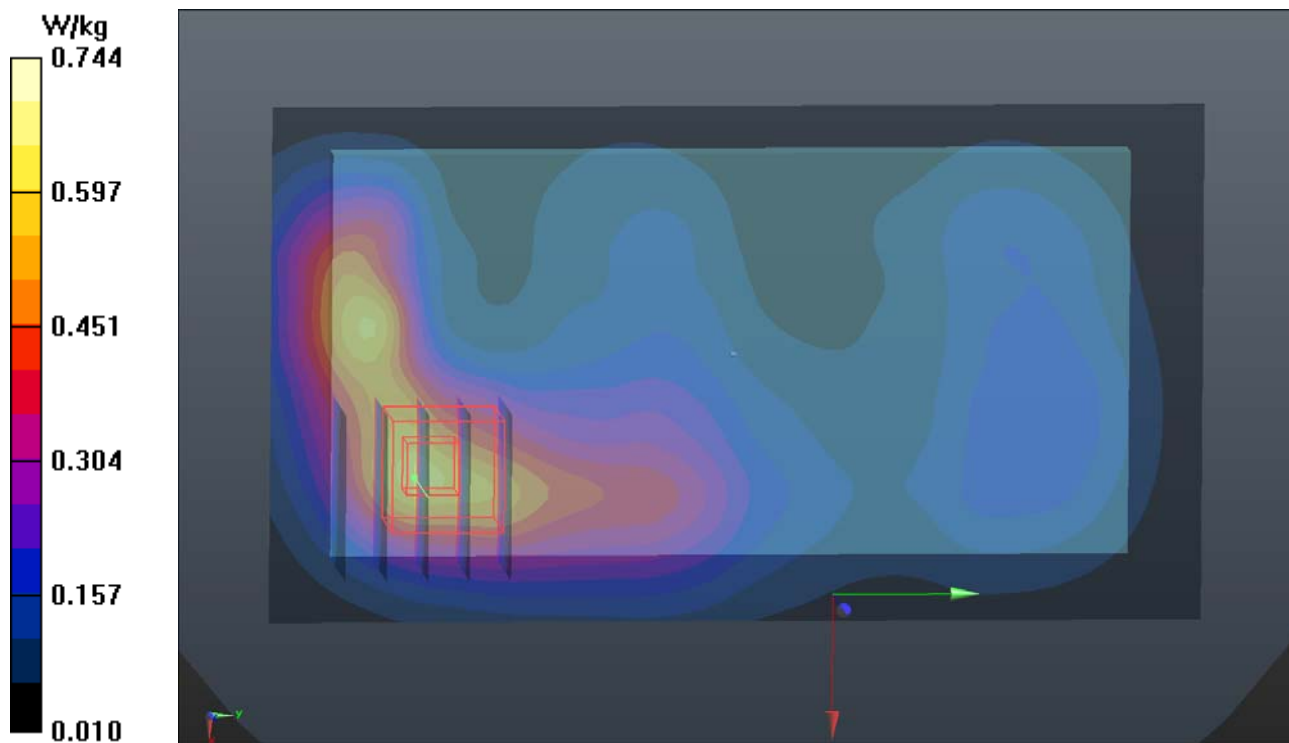
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.651 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.888 W/kg

SAR(1 g) = 0.517 W/kg; SAR(10 g) = 0.294 W/kg

Maximum value of SAR (measured) = 0.744 W/kg



P25 LTE 26_QPSK15M_Rear Face_1cm_Ch26765_Sample1_Ant0_1RB_OS0

DUT: 160829C09

Communication System: LTE; Frequency: 821.5 MHz; Duty Cycle: 1:1

Medium: B07T10N3_0916 Medium parameters used: $f = 821.5 \text{ MHz}$; $\sigma = 1.004 \text{ S/m}$; $\epsilon_r = 54.419$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(10.08, 10.08, 10.08); Calibrated: 2016/07/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2016/03/21
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.360 W/kg

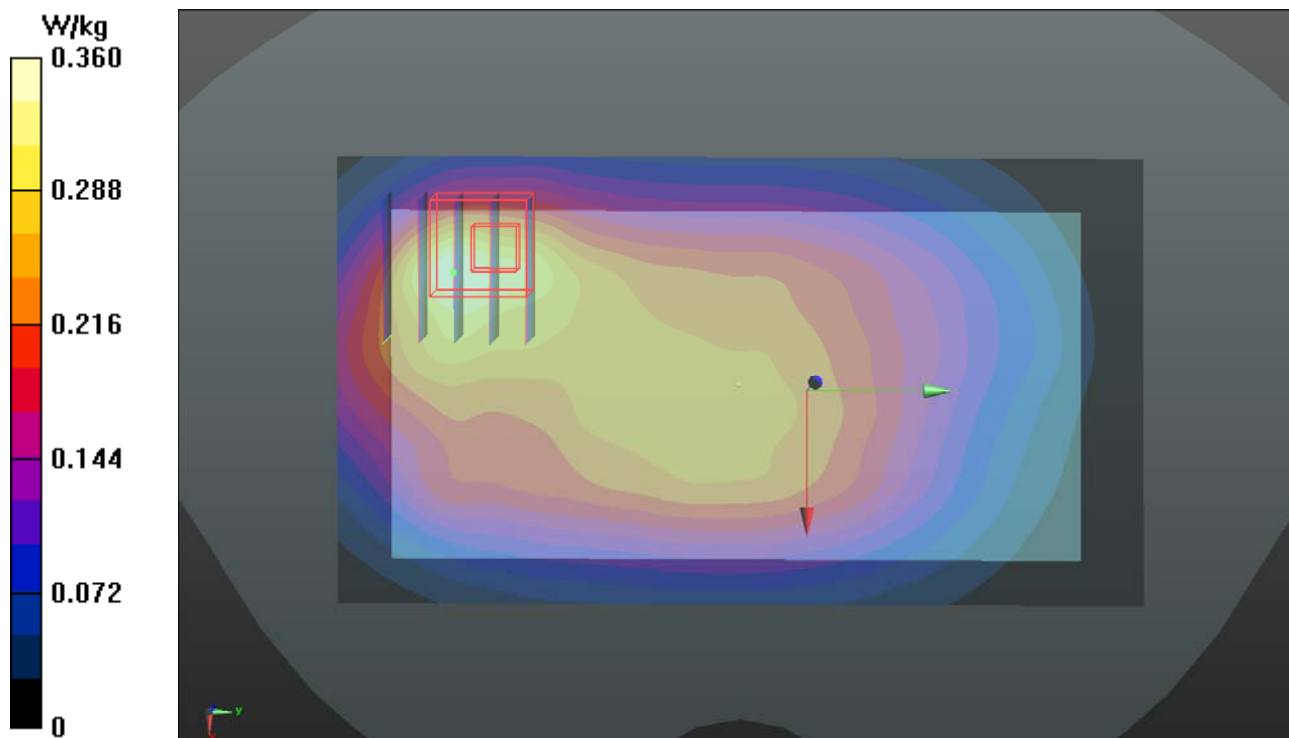
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.603 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.351 W/kg

SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.108 W/kg

Maximum value of SAR (measured) = 0.278 W/kg



P26 LTE 41_QPSK20M_Rear Face_1cm_Ch41490_Sample1_Ant0_1RB_OS0

DUT: 160829C09

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

Medium: B19T27N3_0917 Medium parameters used: $f = 2680$ MHz; $\sigma = 2.288$ S/m; $\epsilon_r = 51.036$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.14, 7.14, 7.14); Calibrated: 2016/07/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2016/06/16
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

- **Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.541 W/kg

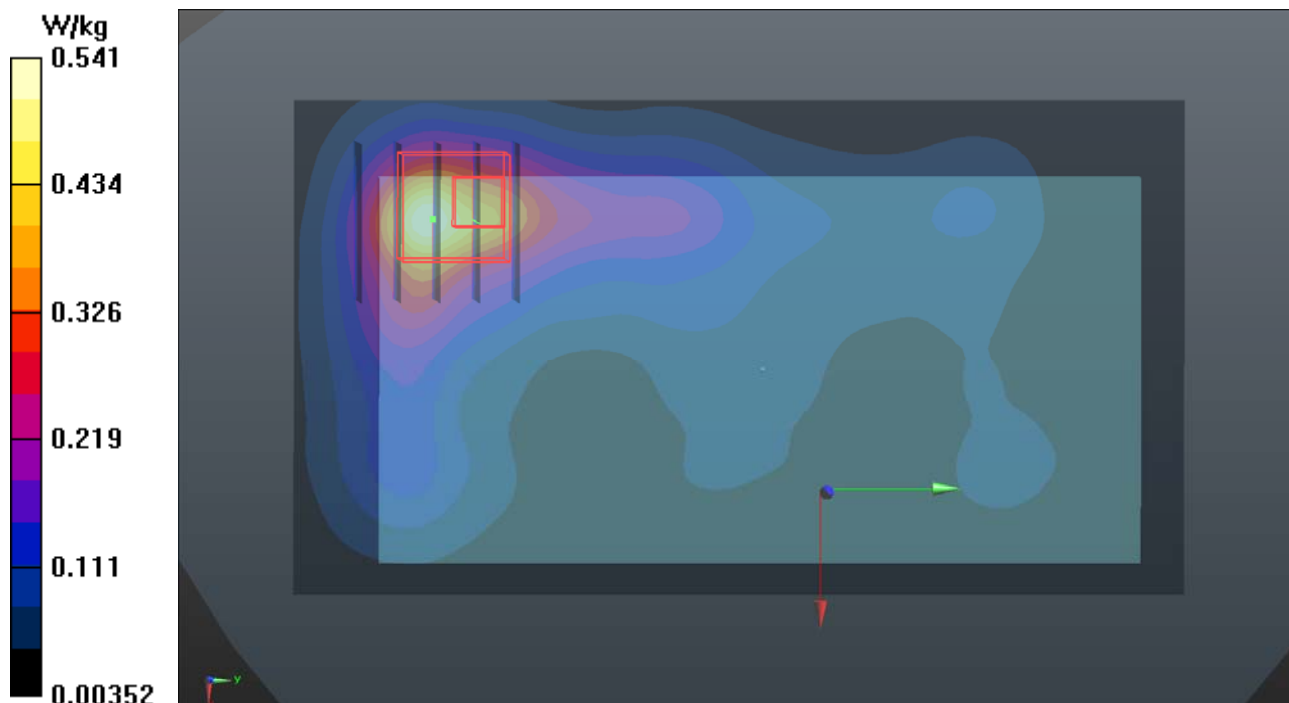
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.93 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.496 W/kg

SAR(1 g) = 0.241 W/kg; SAR(10 g) = 0.122 W/kg

Maximum value of SAR (measured) = 0.383 W/kg



P27 2.4G WLAN_802.11b_Front Face_1cm_Ch6_Sample1

DUT: 160829C09

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

Medium: B19T27N2_0915 Medium parameters used: $f = 2437$ MHz; $\sigma = 2.001$ S/m; $\epsilon_r = 52.702$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.24, 7.24, 7.24); Calibrated: 2016/03/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2016/09/05
- Phantom: Twin SAM Phantom_1496; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

- **Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0712 W/kg

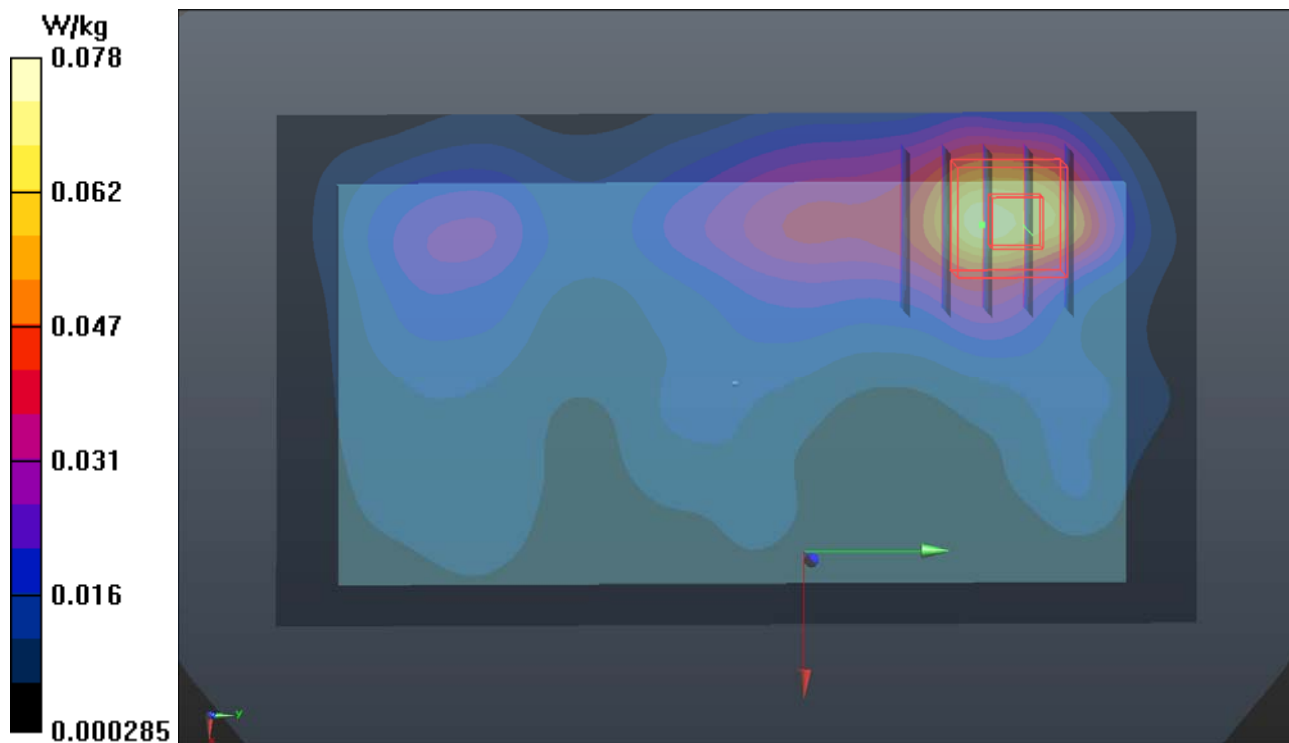
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.429 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.0980 W/kg

SAR(1 g) = 0.047 W/kg; SAR(10 g) = 0.024 W/kg

Maximum value of SAR (measured) = 0.0777 W/kg



P28 5.3G WLAN_802.11ac VH80_Front Face_1cm_Ch58_Sample1

DUT: 160829C09

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

Medium: B34T60N2_0915 Medium parameters used: $f = 5290$ MHz; $\sigma = 5.284$ S/m; $\epsilon_r = 50.787$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(4.26, 4.26, 4.26); Calibrated: 2016/03/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2016/09/05
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.0777 W/kg

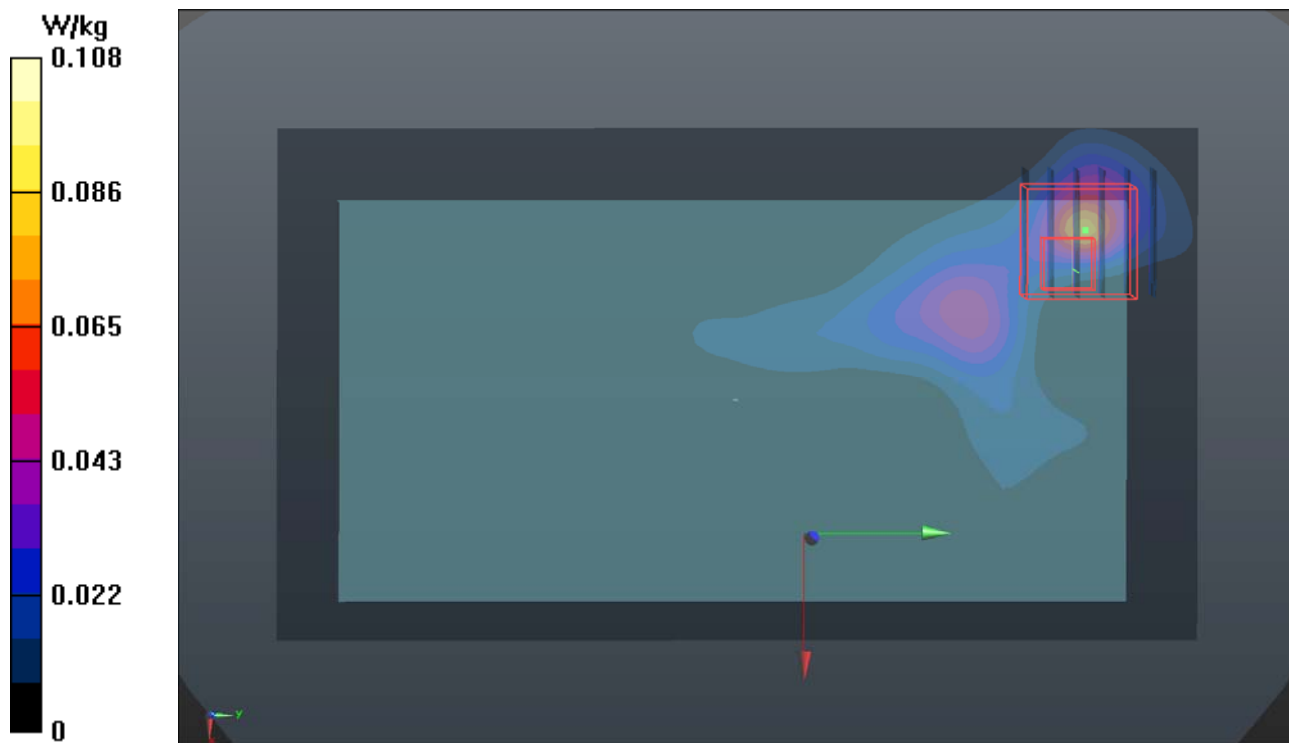
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 0.6290 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.167 W/kg

SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.018 W/kg

Maximum value of SAR (measured) = 0.108 W/kg



P29 5.6G WLAN_802.11ac VH80_Front Face_1cm_Ch106_Sample1

DUT: 160829C09

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

Medium: B34T60N2_0916 Medium parameters used: $f = 5530$ MHz; $\sigma = 5.512$ S/m; $\epsilon_r = 50.516$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(3.95, 3.95, 3.95); Calibrated: 2016/03/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2016/09/05
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.146 W/kg

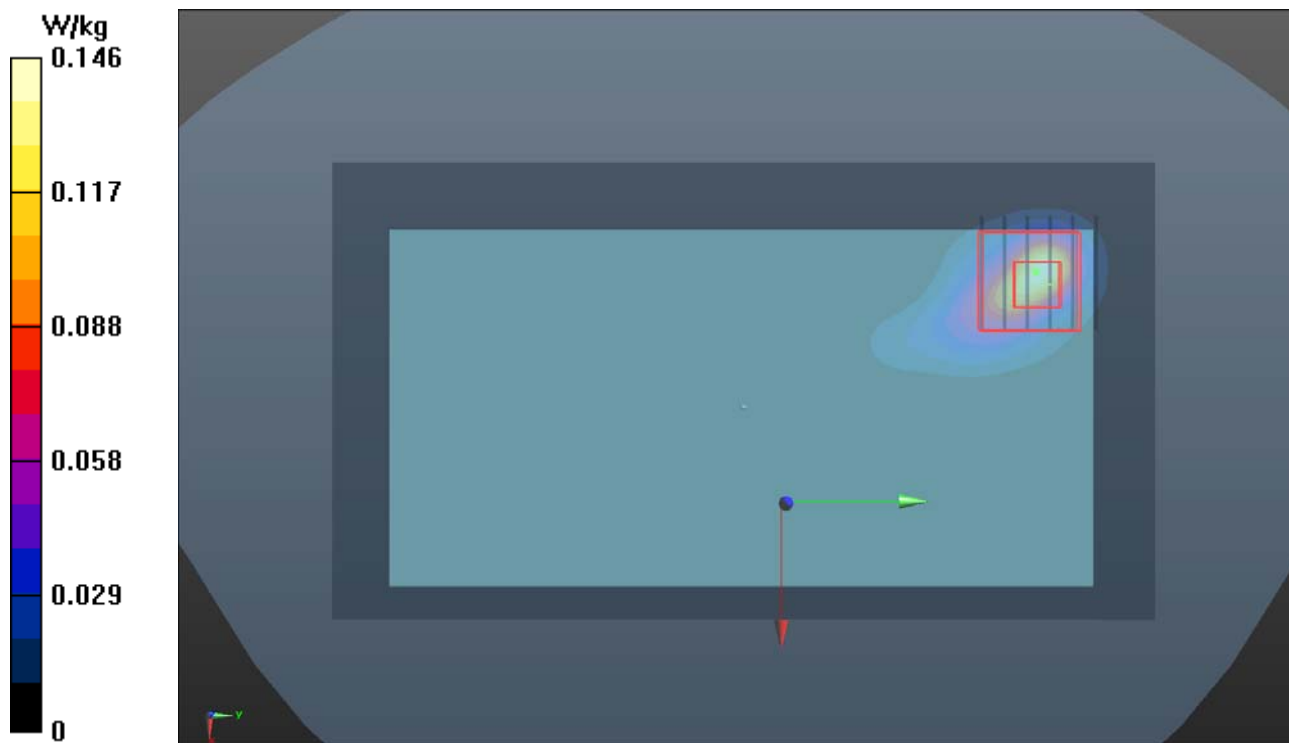
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 0.9520 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.206 W/kg

SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.015 W/kg

Maximum value of SAR (measured) = 0.118 W/kg



P30 5.8G WLAN_802.11ac VH80_Front Face_1cm_Ch155_Sample1

DUT: 160829C09

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

Medium: B34T60N2_0915 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.782$ S/m; $\epsilon_r = 49.99$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(3.9, 3.9, 3.9); Calibrated: 2016/03/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2016/09/05
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.222 W/kg

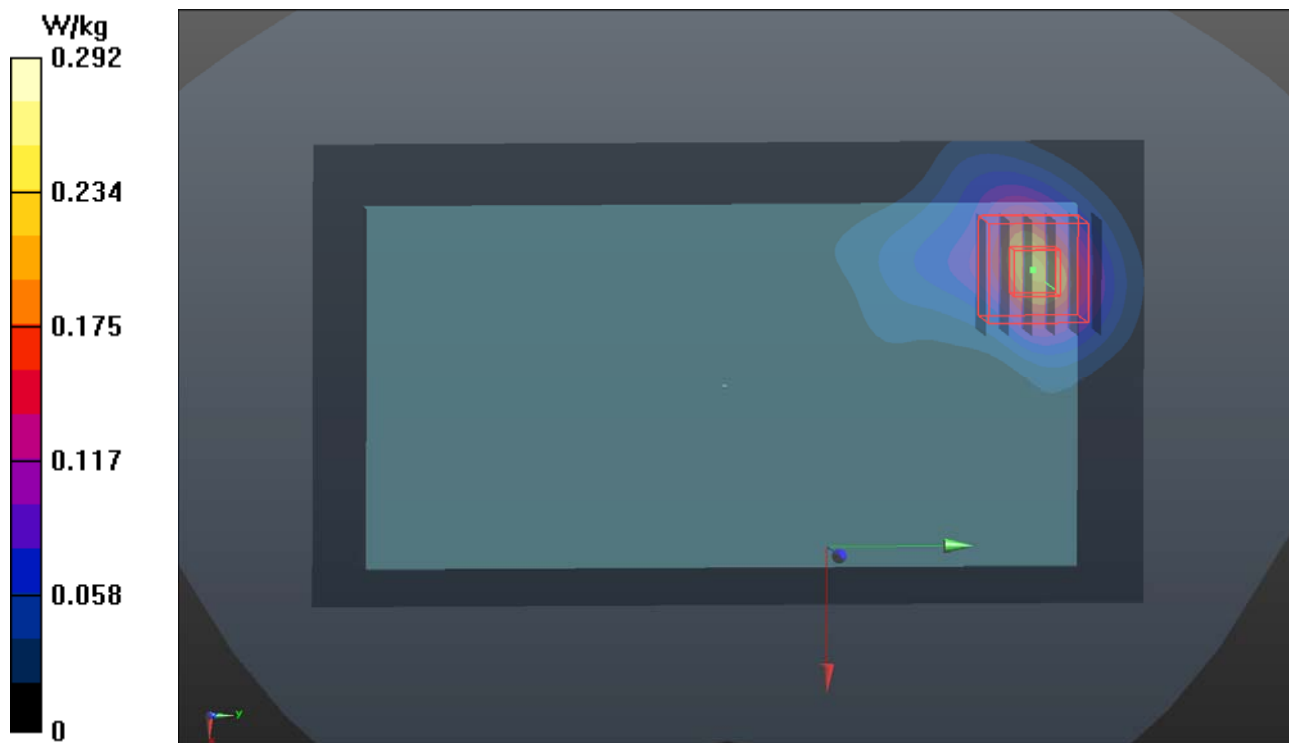
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 0.1280 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.532 W/kg

SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.036 W/kg

Maximum value of SAR (measured) = 0.292 W/kg



P31 CDMA BC1_RTAP153.6_Bottom Side_1cm_Ch1175_Sample1_Ant0

DUT: 160829C09

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: B16T20N2_0916 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.58$ S/m; $\epsilon_r = 51.221$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.89, 7.89, 7.89); Calibrated: 2016/07/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2016/06/16
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

- **Area Scan (61x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.750 W/kg

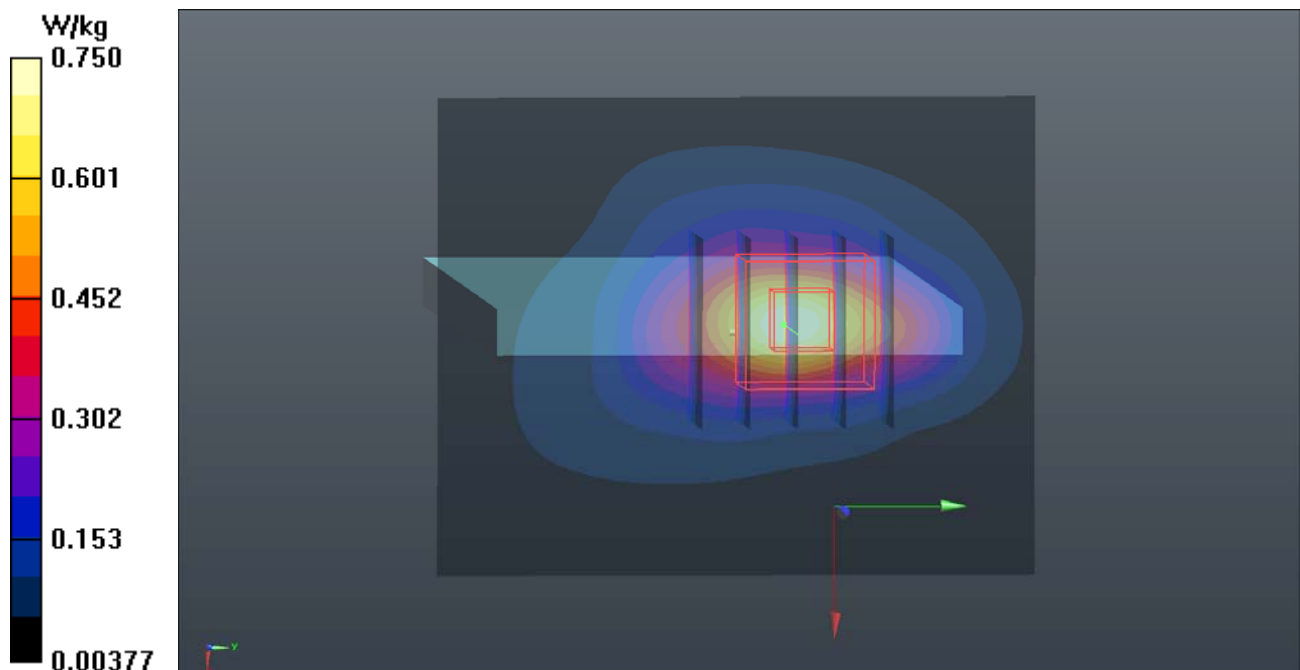
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.12 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.887 W/kg

SAR(1 g) = 0.508 W/kg; SAR(10 g) = 0.274 W/kg

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



P32 LTE 2_QPSK20M_Bottom Side_1cm_Ch18900_Sample1_Ant0_1RB_OS0

DUT: 160829C09

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

Medium: B16T20N2_0916 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.552$ S/m; $\epsilon_r = 51.304$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.89, 7.89, 7.89); Calibrated: 2016/07/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2016/06/16
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

- **Area Scan (61x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.657 W/kg

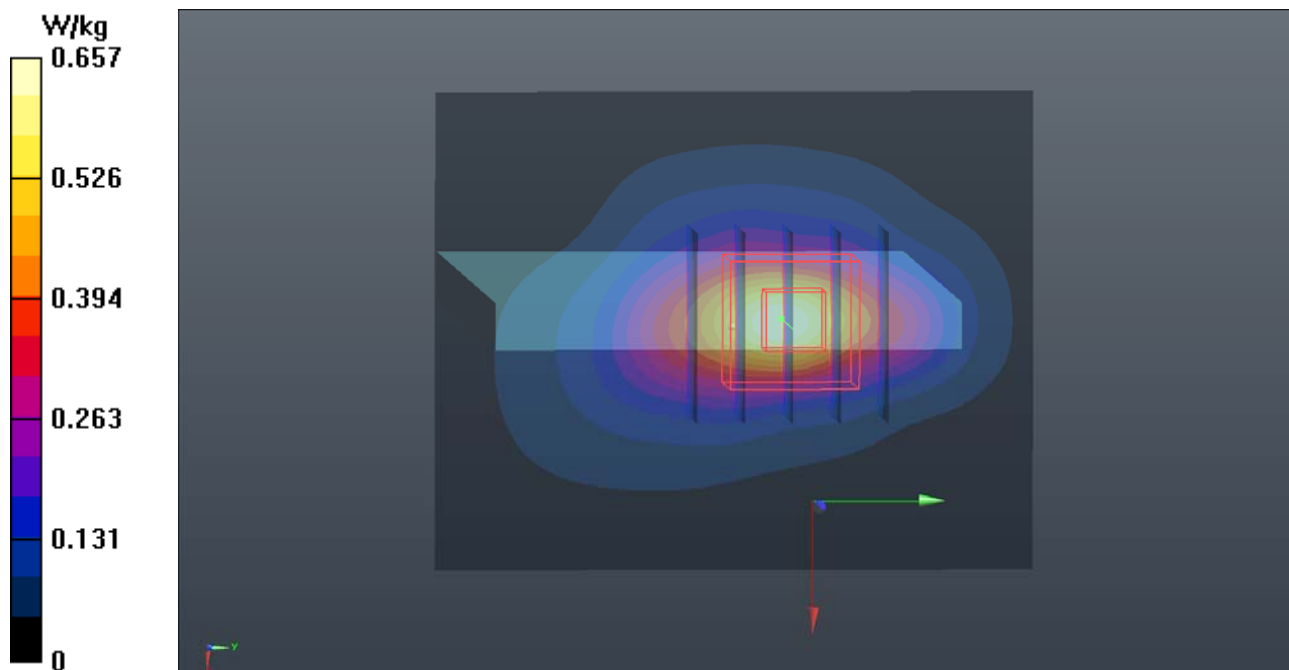
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.65 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.764 W/kg

SAR(1 g) = 0.443 W/kg; SAR(10 g) = 0.242 W/kg

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



P33 LTE 4_QPSK20M_Bottom Side_1cm_Ch20175_Sample1_Ant0_1RB_OS0

DUT: 160829C09

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

Medium: B16T20N2_0916 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.426$ S/m; $\epsilon_r = 51.791$; ρ

$= 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.15, 8.15, 8.15); Calibrated: 2016/07/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2016/06/16
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

- **Area Scan (61x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.725 W/kg

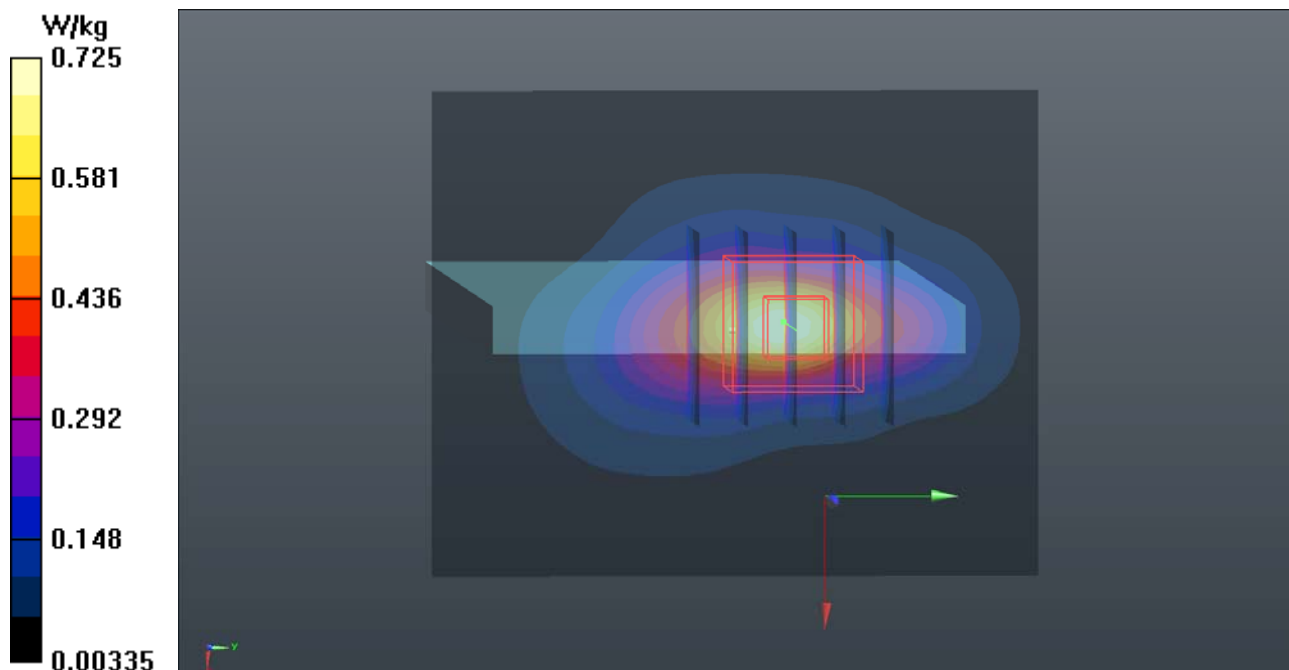
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.46 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.830 W/kg

SAR(1 g) = 0.490 W/kg; SAR(10 g) = 0.268 W/kg

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



P34 LTE 7_QPSK20M_Right Side_1cm_Ch21350_Sample1_Ant0_1RB_OS0

DUT: 160829C09

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

Medium: B19T27N2_0914 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.1$ S/m; $\epsilon_r = 51.119$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(6.88, 6.88, 6.88); Calibrated: 2016/03/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2016/09/05
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

- **Area Scan (71x171x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.23 W/kg

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

Reference Value = 22.24 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 0.777 W/kg; SAR(10 g) = 0.409 W/kg

Maximum value of SAR (measured) = 1.24 W/kg

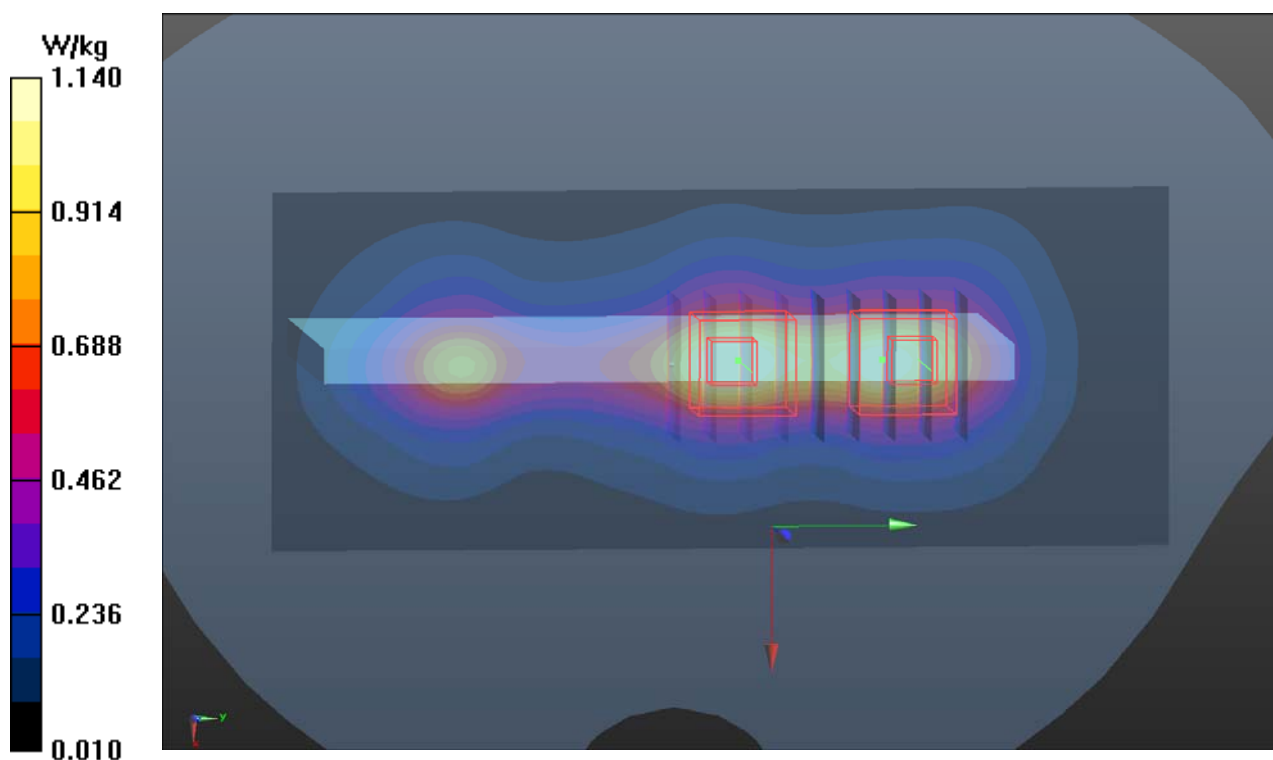
- **Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.24 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.700 W/kg; SAR(10 g) = 0.358 W/kg

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



P35 LTE 26_QPSK15M_Left Side_1cm_Ch26765_Sample1_Ant0_1RB_OS0

DUT: 160829C09

Communication System: LTE; Frequency: 821.5 MHz; Duty Cycle: 1:1

Medium: B07T10N2_0914 Medium parameters used: $f = 821.5$ MHz; $\sigma = 0.975$ S/m; $\epsilon_r = 56.713$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(9.89, 9.89, 9.89); Calibrated: 2016/03/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2016/09/05
- Phantom: Twin SAM Phantom_1496; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

- **Area Scan (61x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.305 W/kg

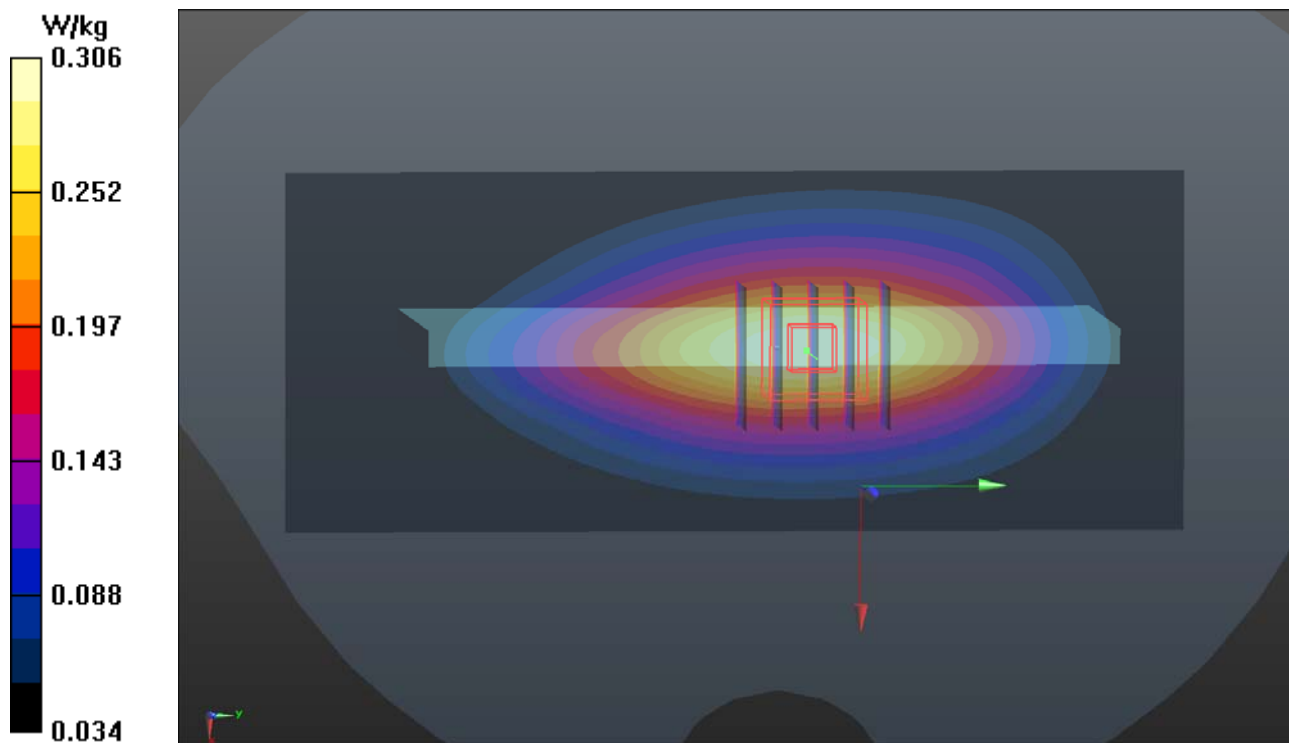
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.42 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.347 W/kg

SAR(1 g) = 0.232 W/kg; SAR(10 g) = 0.160 W/kg

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



P36 LTE 41_QPSK20M_Right Side_1cm_Ch41490_Sample1_Ant0_1RB_OS0

DUT: 160829C09

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

Medium: B19T27N3_0917 Medium parameters used: $f = 2680$ MHz; $\sigma = 2.288$ S/m; $\epsilon_r = 51.036$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.14, 7.14, 7.14); Calibrated: 2016/07/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2016/06/16
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

- **Area Scan (51x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

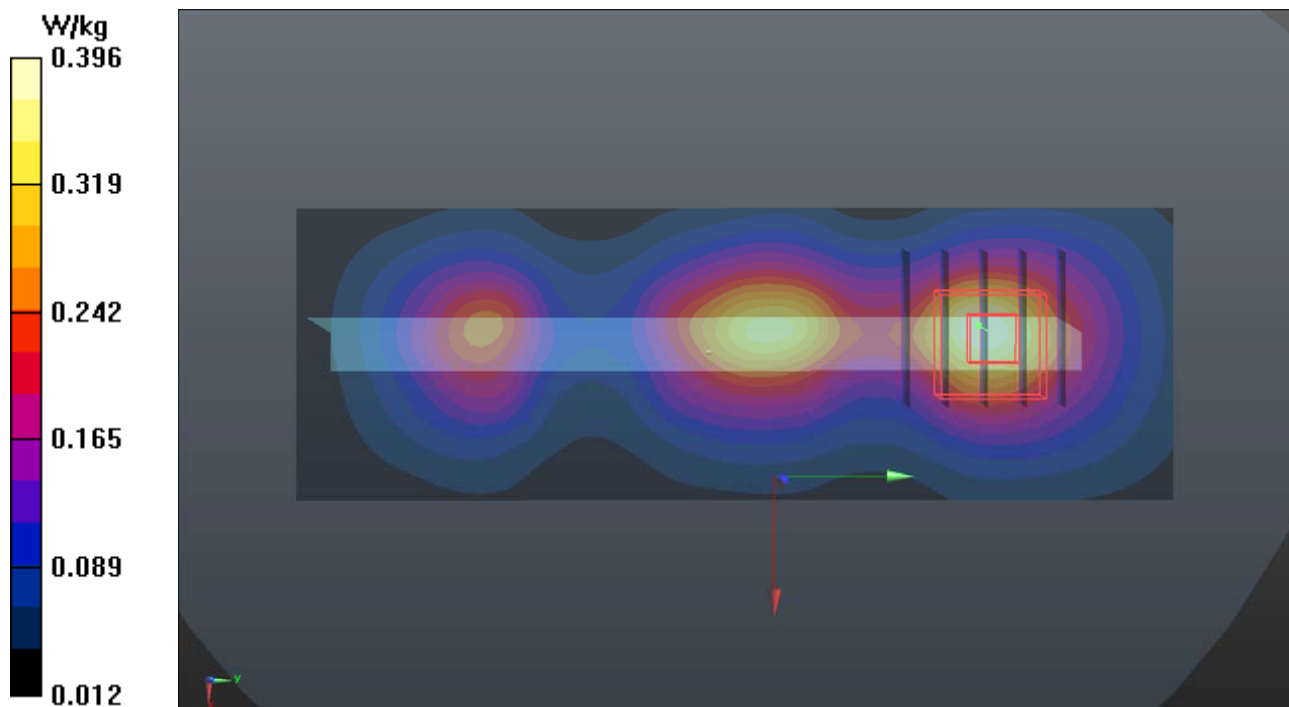
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.01 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.604 W/kg

SAR(1 g) = 0.295 W/kg; SAR(10 g) = 0.147 W/kg

Maximum value of SAR (measured) = 0.450 W/kg



P37 2.4G WLAN_802.11b_Left Side_1cm_Ch6_Sample1

DUT: 160829C09

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

Medium: B19T27N2_0915 Medium parameters used: $f = 2437$ MHz; $\sigma = 2.001$ S/m; $\epsilon_r = 52.702$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.24, 7.24, 7.24); Calibrated: 2016/03/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2016/09/05
- Phantom: Twin SAM Phantom_1496; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

- **Area Scan (71x171x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0743 W/kg

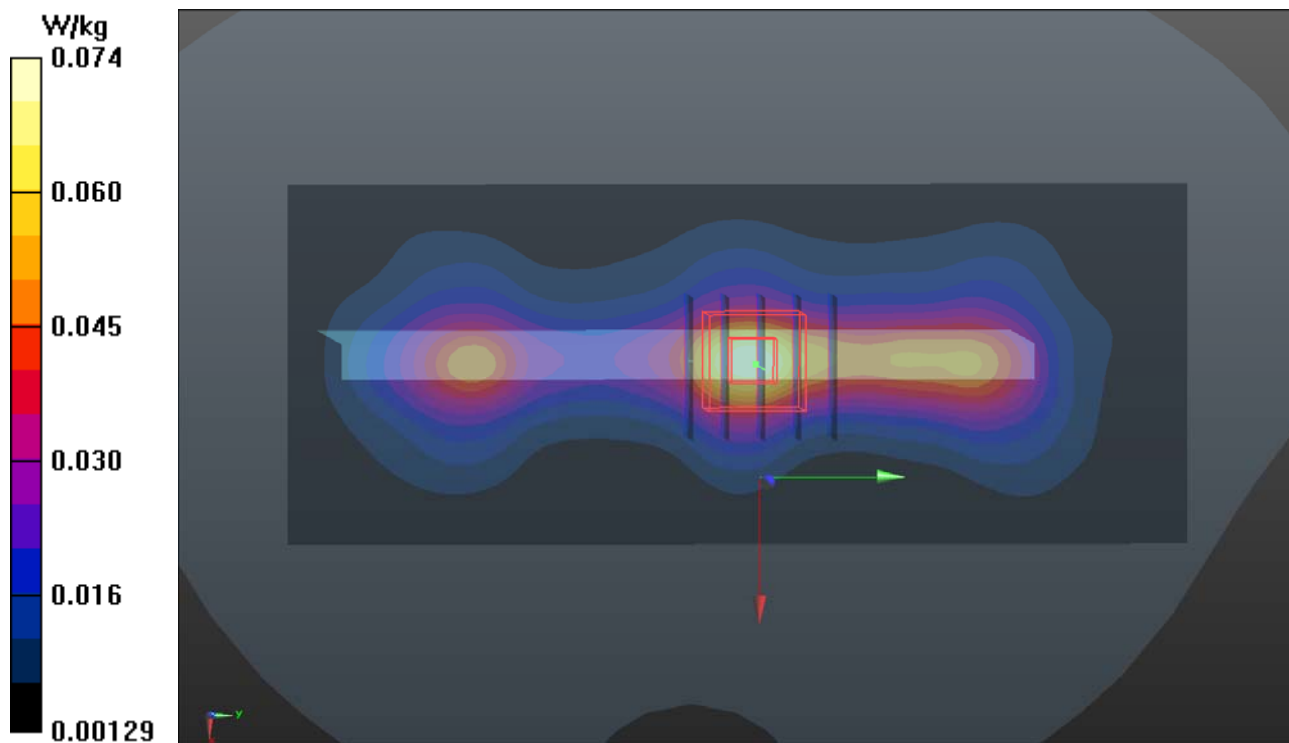
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.523 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.0920 W/kg

SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.026 W/kg

Maximum value of SAR (measured) = 0.0741 W/kg



P38 5.3G WLAN_802.11ac VH80_Front Face_0cm_Ch58_Sample1

DUT: 160829C09

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

Medium: B34T60N3_0923 Medium parameters used: $f = 5290$ MHz; $\sigma = 5.496$ S/m; $\epsilon_r = 47.681$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(4.32, 4.32, 4.32); Calibrated: 2016/07/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2016/03/21
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.600 W/kg

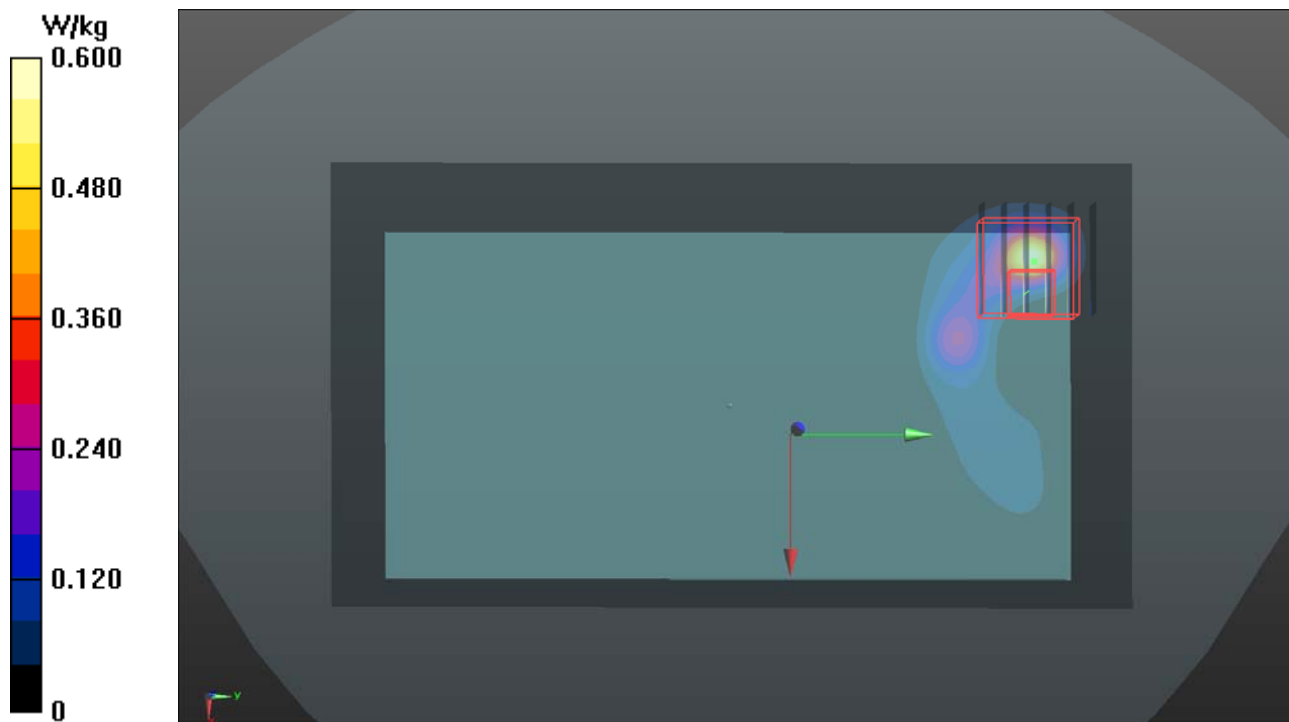
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

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

Peak SAR (extrapolated) = 3.47 W/kg

SAR(1 g) = 0.665 W/kg; SAR(10 g) = 0.144 W/kg

Maximum value of SAR (measured) = 2.03 W/kg



P39 5.6G WLAN_802.11ac VH80_Front Face_0cm_Ch106_Sample1

DUT: 160829C09

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

Medium: B34T60N3_0923 Medium parameters used: $f = 5530$ MHz; $\sigma = 5.834$ S/m; $\epsilon_r = 47.129$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(3.85, 3.85, 3.85); Calibrated: 2016/07/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2016/03/21
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 1.13 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) = 4.26 W/kg

SAR(1 g) = 0.839 W/kg; SAR(10 g) = 0.188 W/kg

Maximum value of SAR (measured) = 2.55 W/kg

