

Appendix B. SAR Plots of SAR Measurement

The SAR plots for highest measured SAR in each exposure configuration, wireless mode and frequency band combination, and measured SAR > 1.5 W/kg are shown as follows.

P01 GSM850_GPRS12_Right Cheek_Ch251_Smapple1_Ant1

DUT: 181001C06

Communication System: GPRS12; Frequency: 848.8 MHz; Duty Cycle: 1:2

Medium: H07T10N3_1121 Medium parameters used: $f = 849$ MHz; $\sigma = 0.945$ S/m; $\epsilon_r = 42.808$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.88, 9.88, 9.88); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2018/08/27
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

- **Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

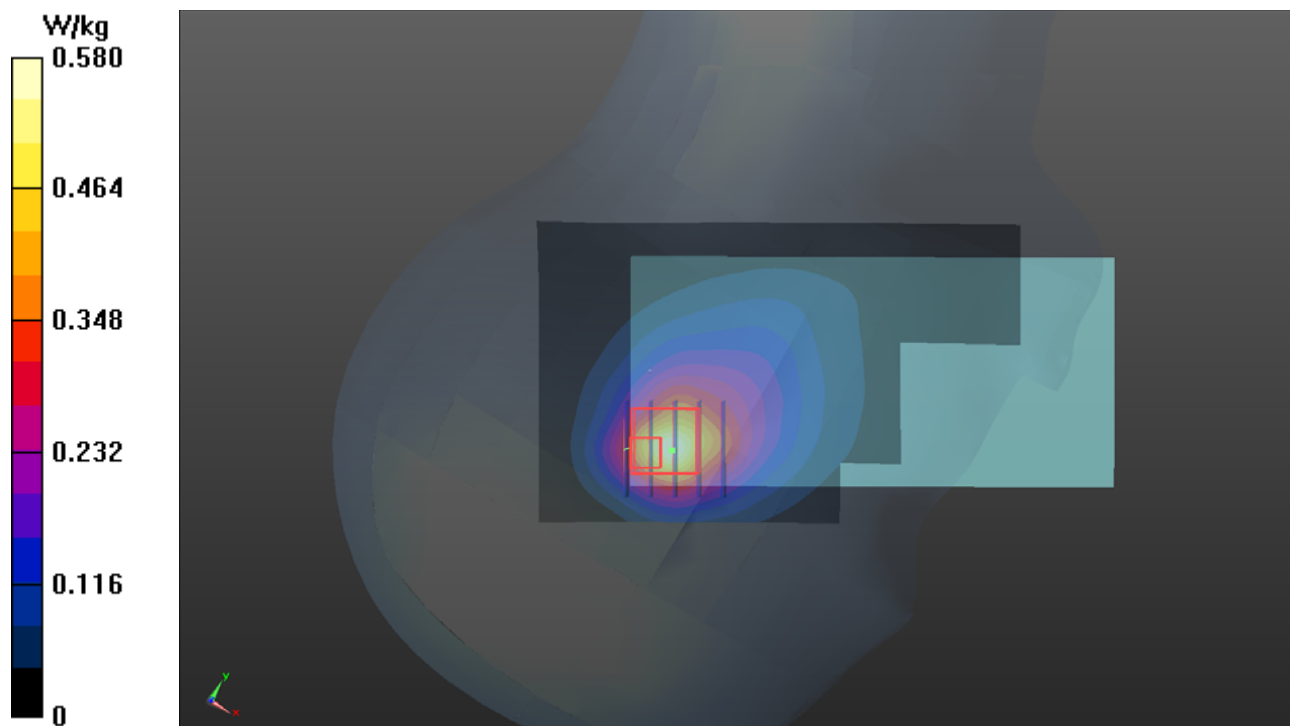
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.15 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.857 W/kg

SAR(1 g) = 0.378 W/kg; SAR(10 g) = 0.220 W/kg

Maximum value of SAR (measured) = 0.616 W/kg



P02 GSM1900_GPRS12_Right Cheek_Ch810_Smaple1_Ant1

DUT: 181001C06

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

Medium: H16T20N1_1122 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.467$ S/m; $\epsilon_r = 39.814$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.28, 8.28, 8.28); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2018/08/27
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

- **Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

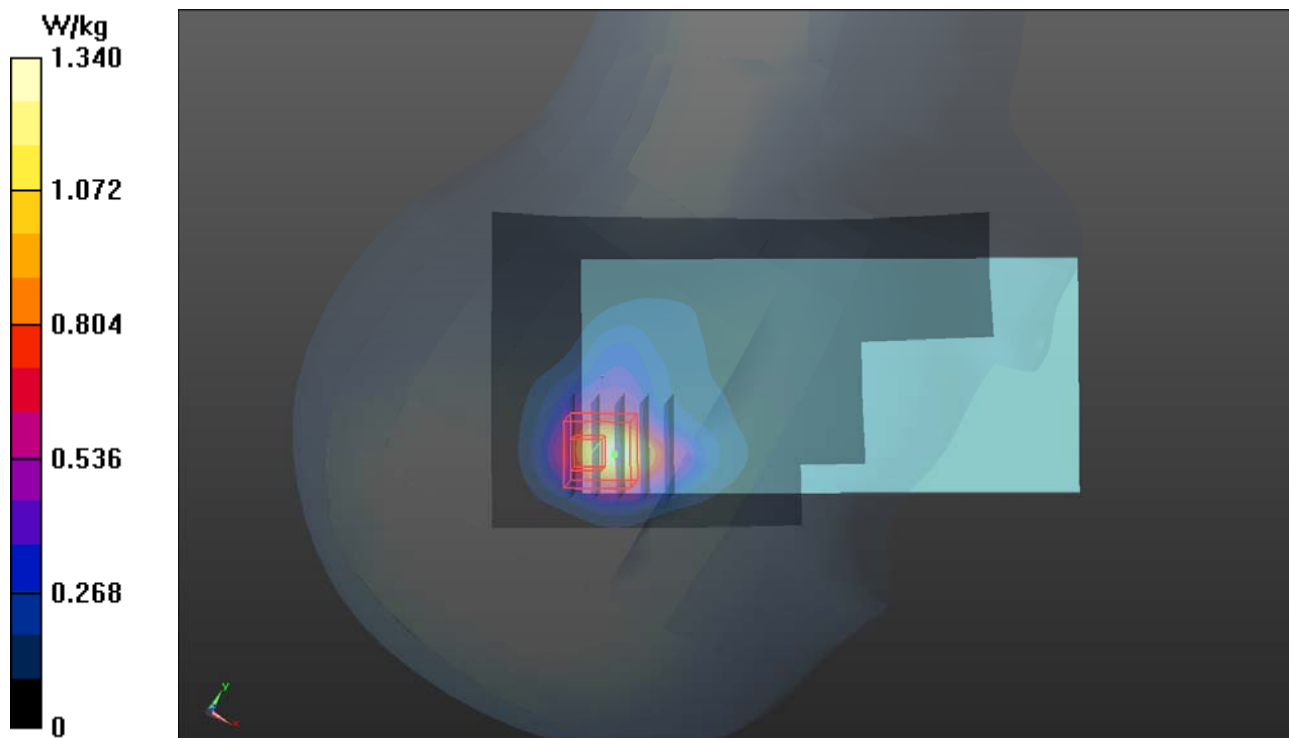
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.71 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.82 W/kg

SAR(1 g) = 0.885 W/kg; SAR(10 g) = 0.404 W/kg

Maximum value of SAR (measured) = 1.52 W/kg



P03 WCDMA II_RMC12.2K_Right Cheek_Ch9538_Sample1_Ant1

DUT: 181001C06

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

Medium: H16T20N1_1122 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.465$ S/m; $\epsilon_r = 39.805$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(8.44, 8.44, 8.44); Calibrated: 2018/08/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2018/05/30
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

- **Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.10 W/kg

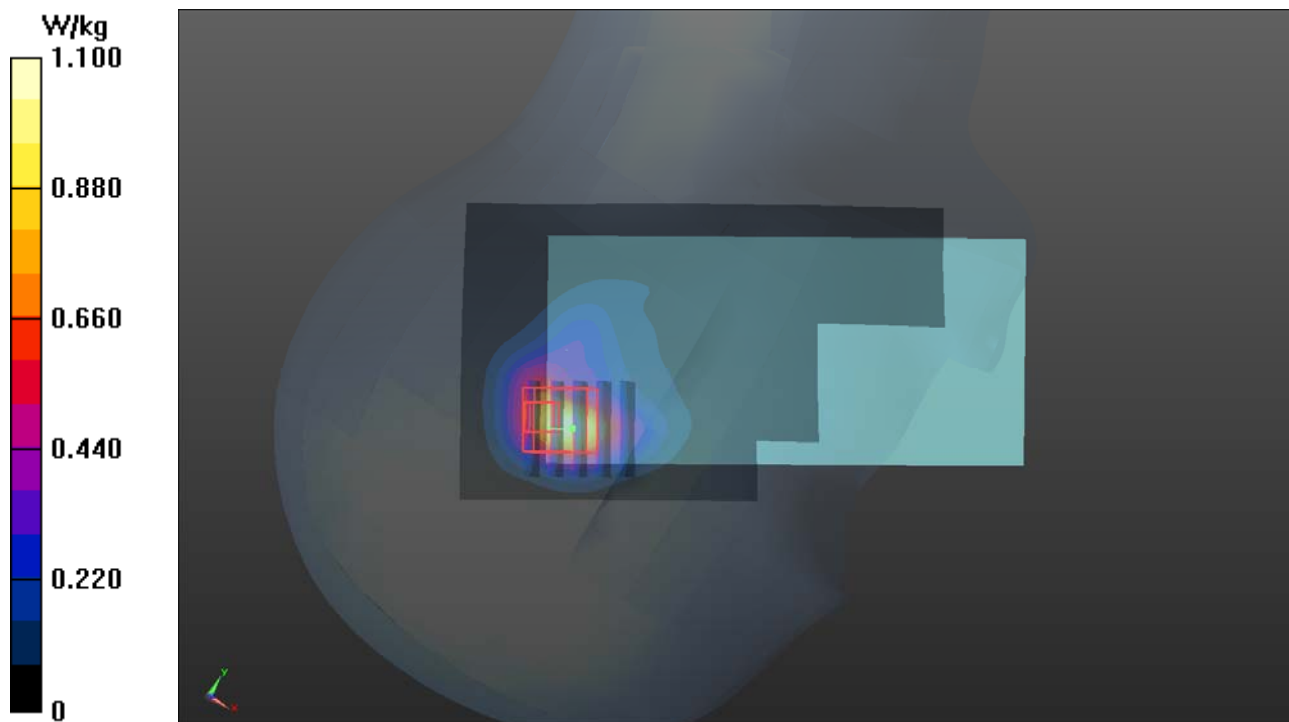
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.02 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.703 W/kg; SAR(10 g) = 0.321 W/kg

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



P04 WCDMA IV_RMC12.2K_Right Cheek_Ch1513_Smapple1_Ant1

DUT: 181001C06

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

Medium: H16T20N1_1122 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.325$ S/m; $\epsilon_r = 40.398$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.6, 8.6, 8.6); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2018/08/27
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

- **Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

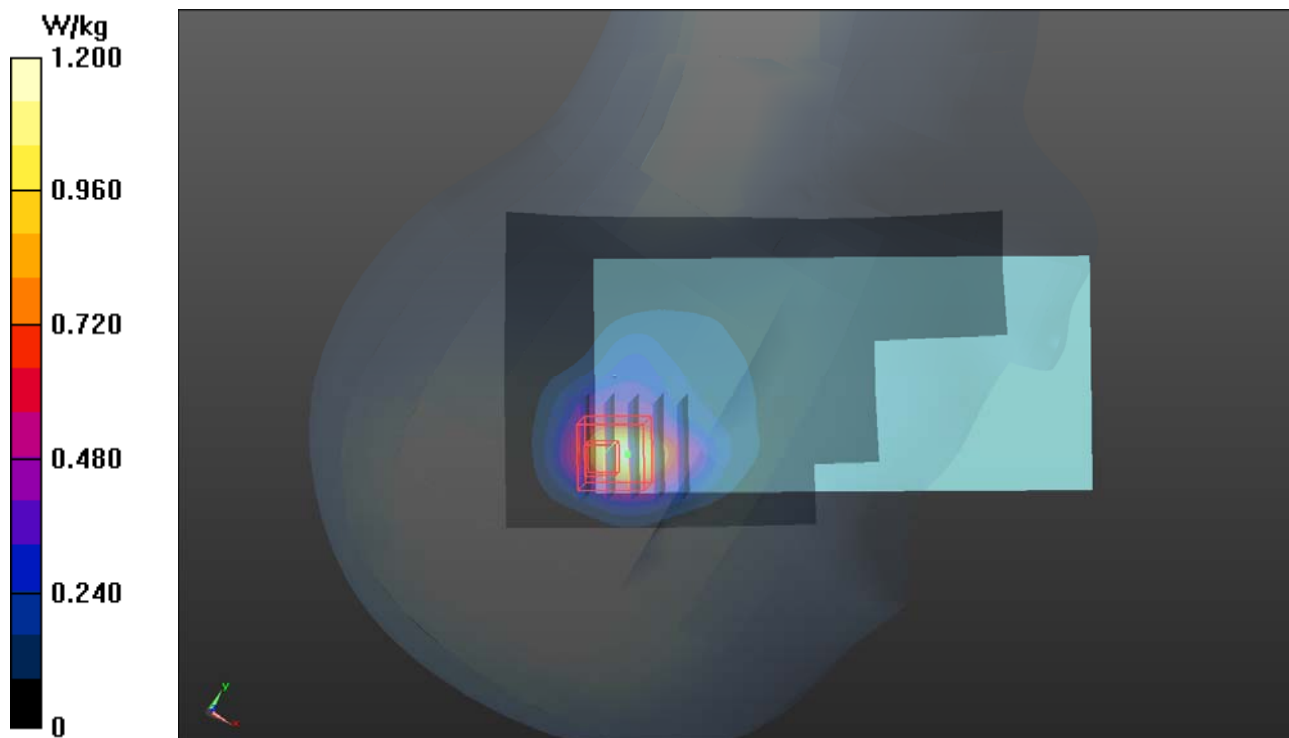
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.41 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 0.815 W/kg; SAR(10 g) = 0.378 W/kg

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



P05 WCDMA V_RMC12.2K_Right Cheek_Ch4132_Smapple1_Ant1

DUT: 181001C06

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: H07T10N3_1121 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.922$ S/m; $\epsilon_r = 43.079$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.88, 9.88, 9.88); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2018/08/27
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

- **Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.547 W/kg

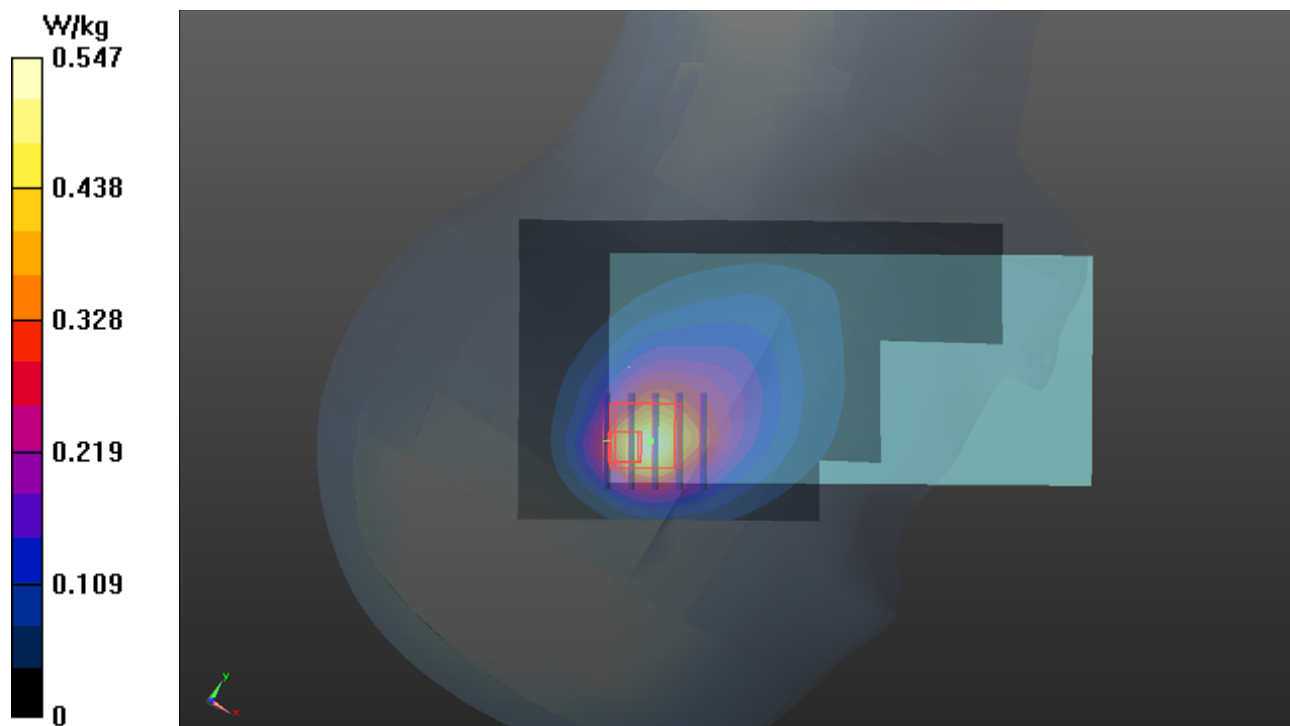
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.41 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.844 W/kg

SAR(1 g) = 0.386 W/kg; SAR(10 g) = 0.228 W/kg

Maximum value of SAR (measured) = 0.563 W/kg



P06 CDMA BC0_RC3+SO55_Right Cheek_Ch777_Smapple1_Ant1

DUT: 181001C06

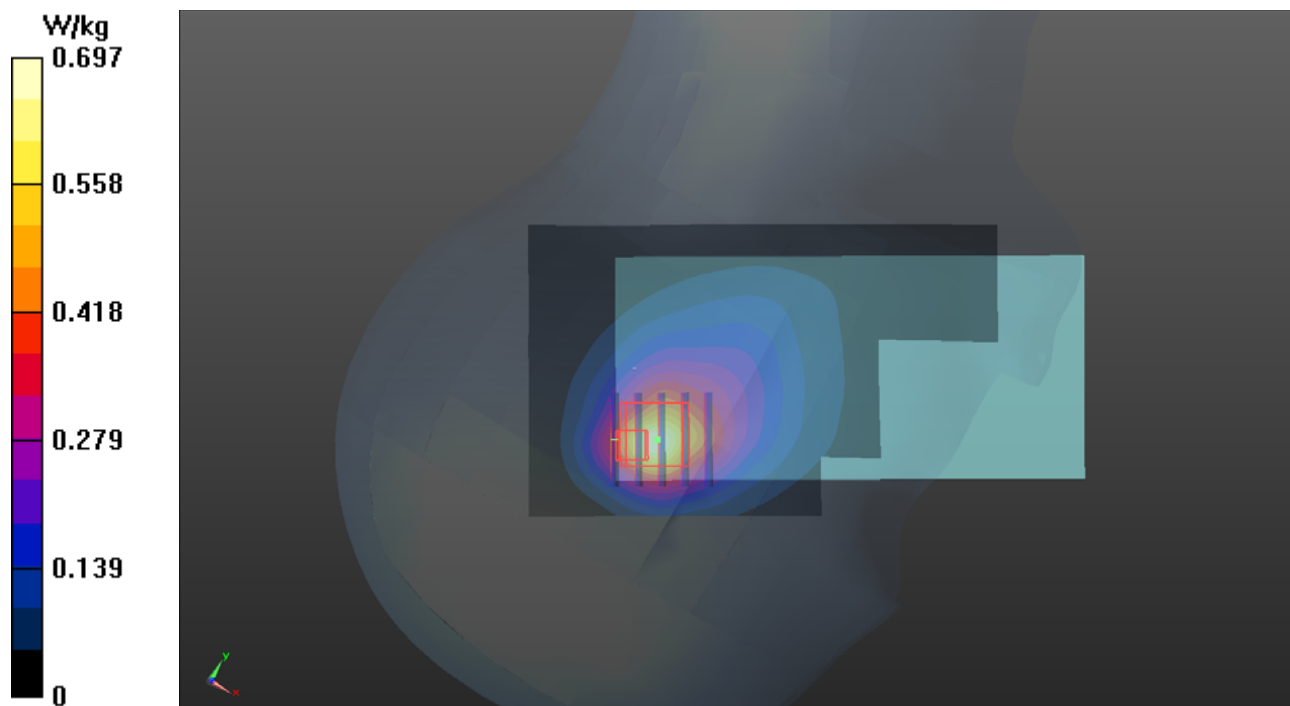
Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium: H07T10N3_1121 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.944$ S/m; $\epsilon_r = 42.814$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.88, 9.88, 9.88); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2018/08/27
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

- **Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.697 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.99 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.480 W/kg; SAR(10 g) = 0.273 W/kg
Maximum value of SAR (measured) = 0.704 W/kg



P07 CDMA BC1_RC3+SO55_Right Cheek_Ch1175_Sample1_Ant1

DUT: 181001C06

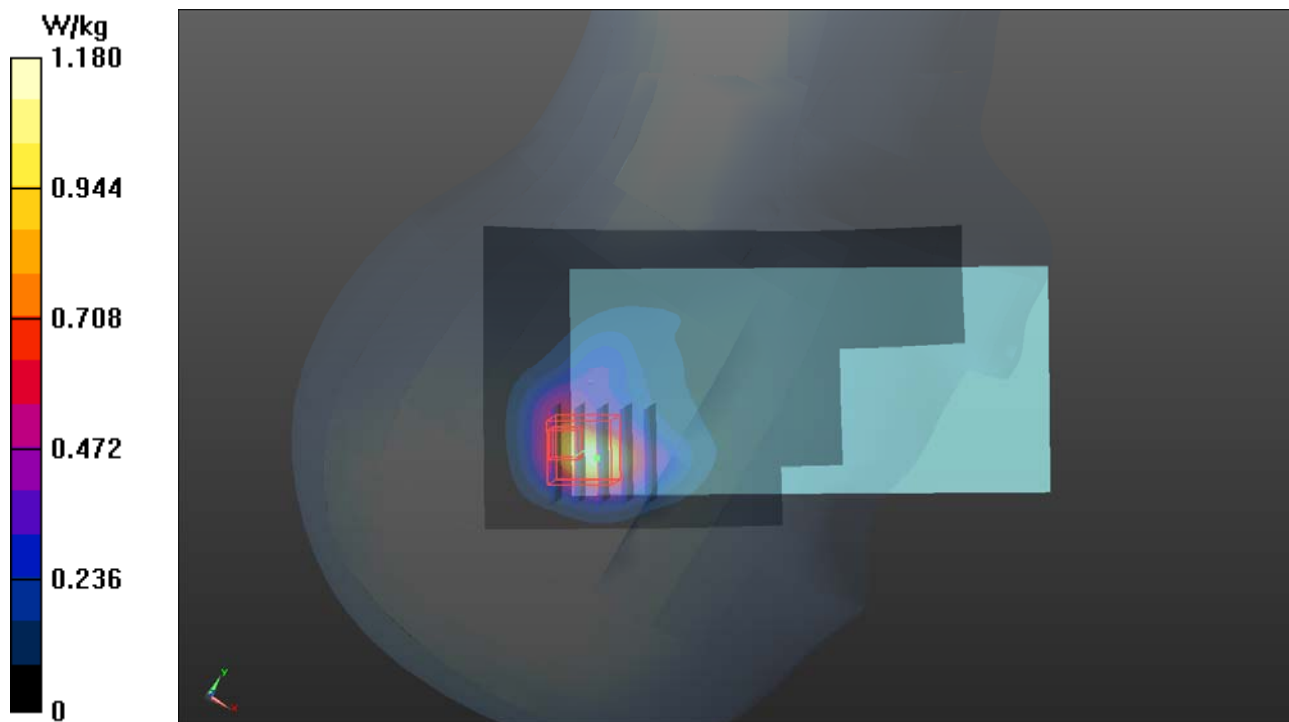
Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium: H16T20N1_1122 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.466$ S/m; $\epsilon_r = 39.798$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(8.44, 8.44, 8.44); Calibrated: 2018/08/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2018/05/30
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

- **Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.18 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.27 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.60 W/kg
SAR(1 g) = 0.769 W/kg; SAR(10 g) = 0.352 W/kg
Maximum value of SAR (measured) = 1.30 W/kg



P08 CDMA BC10_RC3+SO55_Right Cheek_Ch580_Smample1_Ant1

DUT: 181001C06

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

Medium: H07T10N3_1121 Medium parameters used: $f = 820.5$ MHz; $\sigma = 0.916$ S/m; $\epsilon_r = 43.16$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.88, 9.88, 9.88); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2018/08/27
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

- **Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

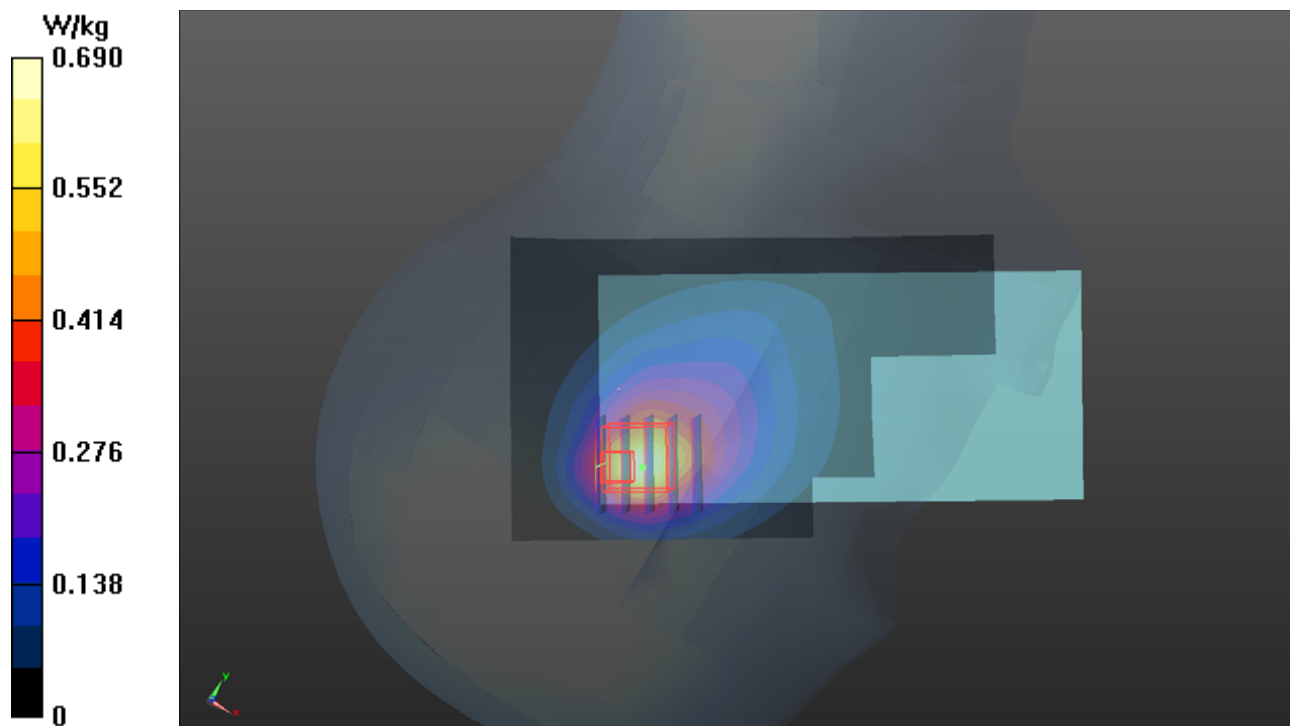
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.64 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.498 W/kg; SAR(10 g) = 0.287 W/kg

Maximum value of SAR (measured) = 0.759 W/kg



P09 LTE 7_QPSK20M_Right Cheek_Ch21350_1RB_SO99_Smaple1_Ant3

DUT: 181001C06

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

Medium: H19T27N3_1121 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.983$ S/m; $\epsilon_r = 38.624$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.48, 7.48, 7.48); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2018/08/27
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

- **Area Scan (91x171x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

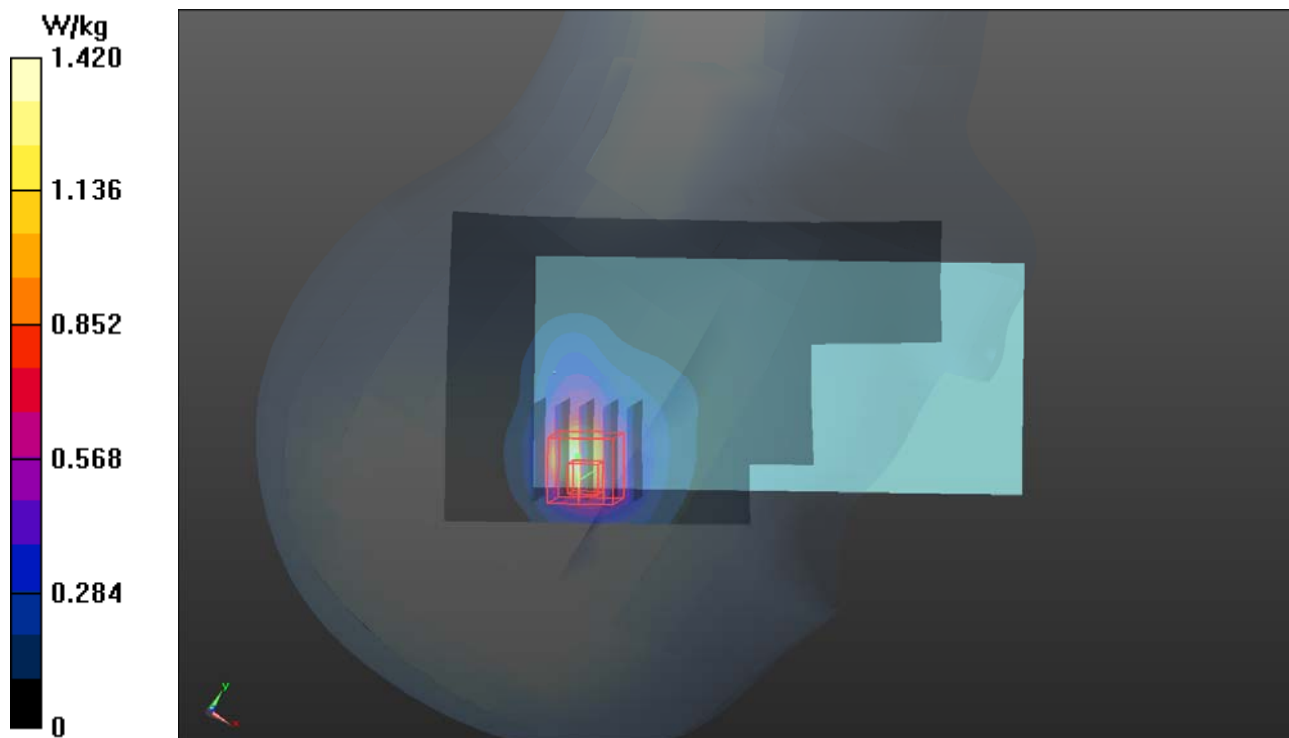
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.36 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.28 W/kg

SAR(1 g) = 0.968 W/kg; SAR(10 g) = 0.428 W/kg

Maximum value of SAR (measured) = 1.73 W/kg



P10 LTE 12_QPSK10M_Right Cheek_Ch23060_1RB_SO24_Smaple1_Ant1

DUT: 181001C06

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

Medium: H06T09N1_1121 Medium parameters used: $f = 704 \text{ MHz}$; $\sigma = 0.851 \text{ S/m}$; $\epsilon_r = 44.007$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(10.34, 10.34, 10.34); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2018/08/27
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

- **Area Scan (71x141x1):** Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.640 W/kg

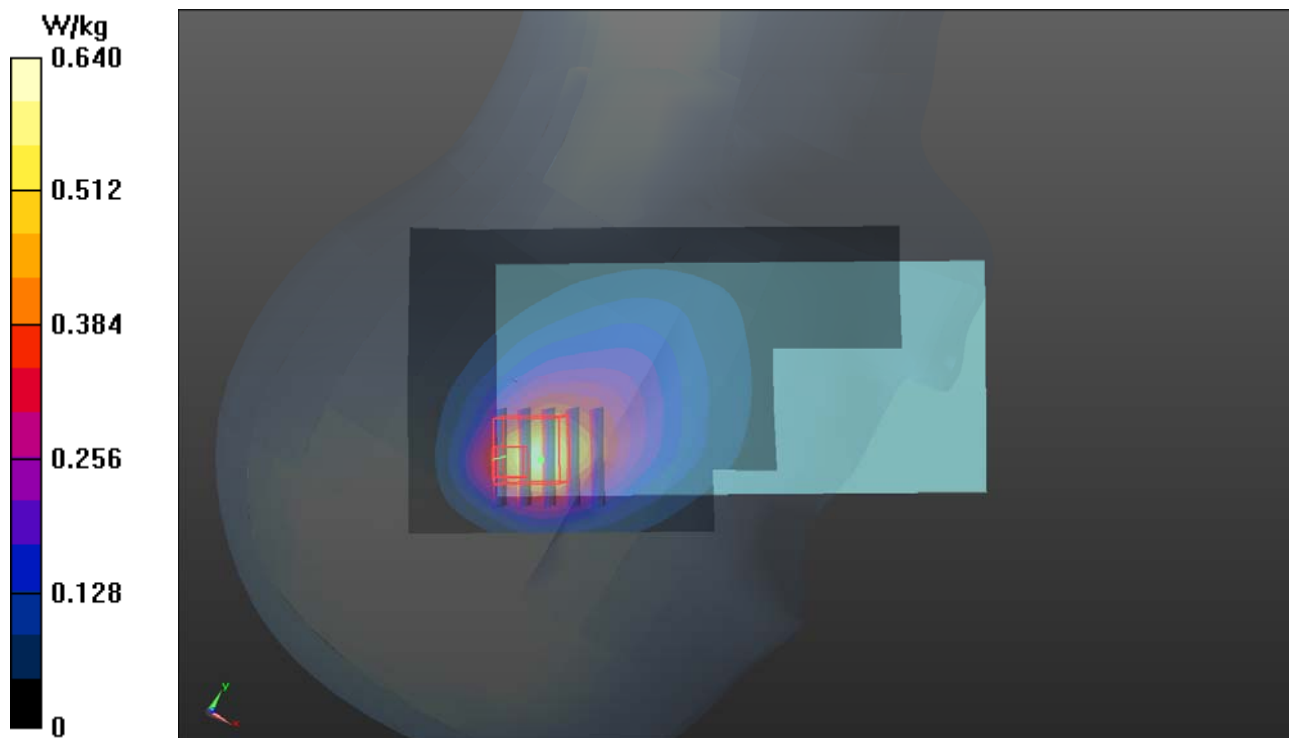
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 27.65 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.476 W/kg; SAR(10 g) = 0.261 W/kg

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



P11 LTE 13_QPSK10M_Right Cheek_Ch23230_1RB_SO0_Smample1_Ant1

DUT: 181001C06

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

Medium: H06T09N1_1121 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.943 \text{ S/m}$; $\epsilon_r = 43.875$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(10.34, 10.34, 10.34); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2018/08/27
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

- **Area Scan (71x141x1):** Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.633 W/kg

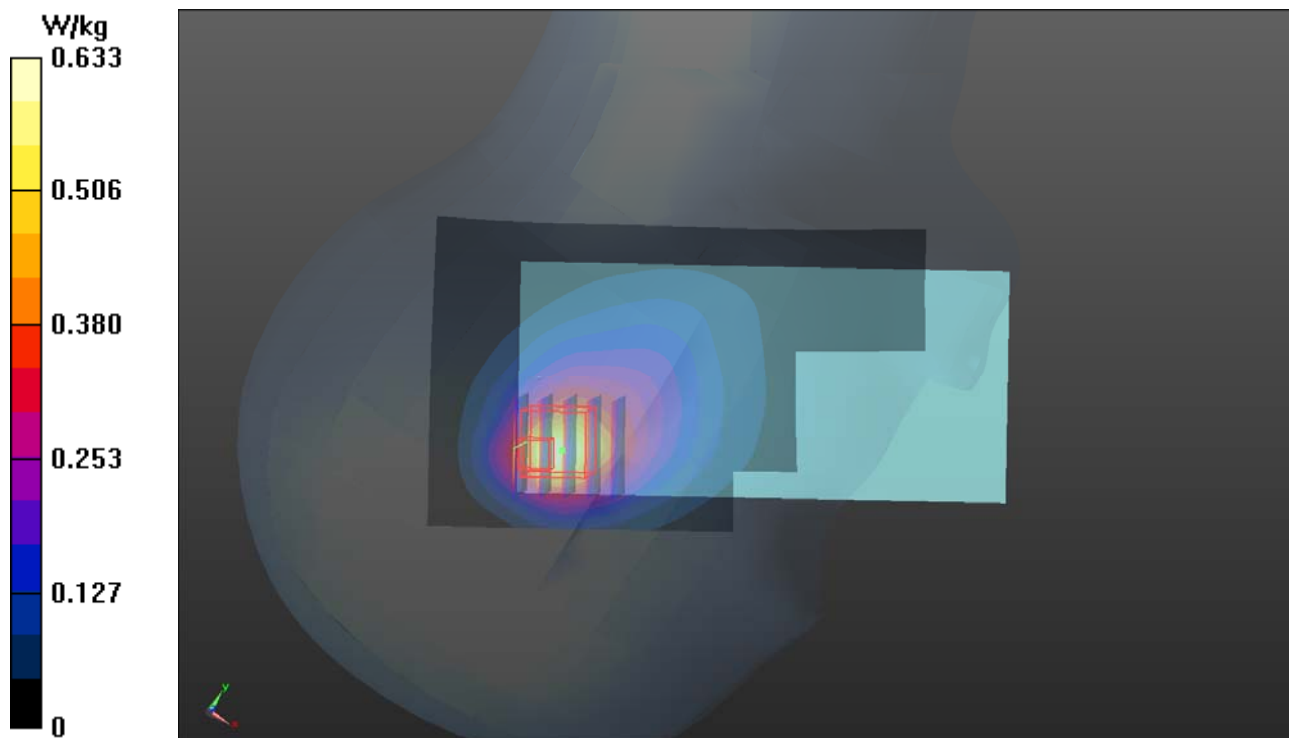
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 26.38 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.448 W/kg; SAR(10 g) = 0.255 W/kg

Maximum value of SAR (measured) = 0.692 W/kg



P12 LTE 25_QPSK20M_Right Cheek_Ch26590_1RB_OS50_Sample1_Ant1

DUT: 181001C06

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

Medium: H16T20N1_1122 Medium parameters used: $f = 1905$ MHz; $\sigma = 1.462$ S/m; $\epsilon_r = 39.82$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(8.44, 8.44, 8.44); Calibrated: 2018/08/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2018/05/30
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

- **Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.29 W/kg

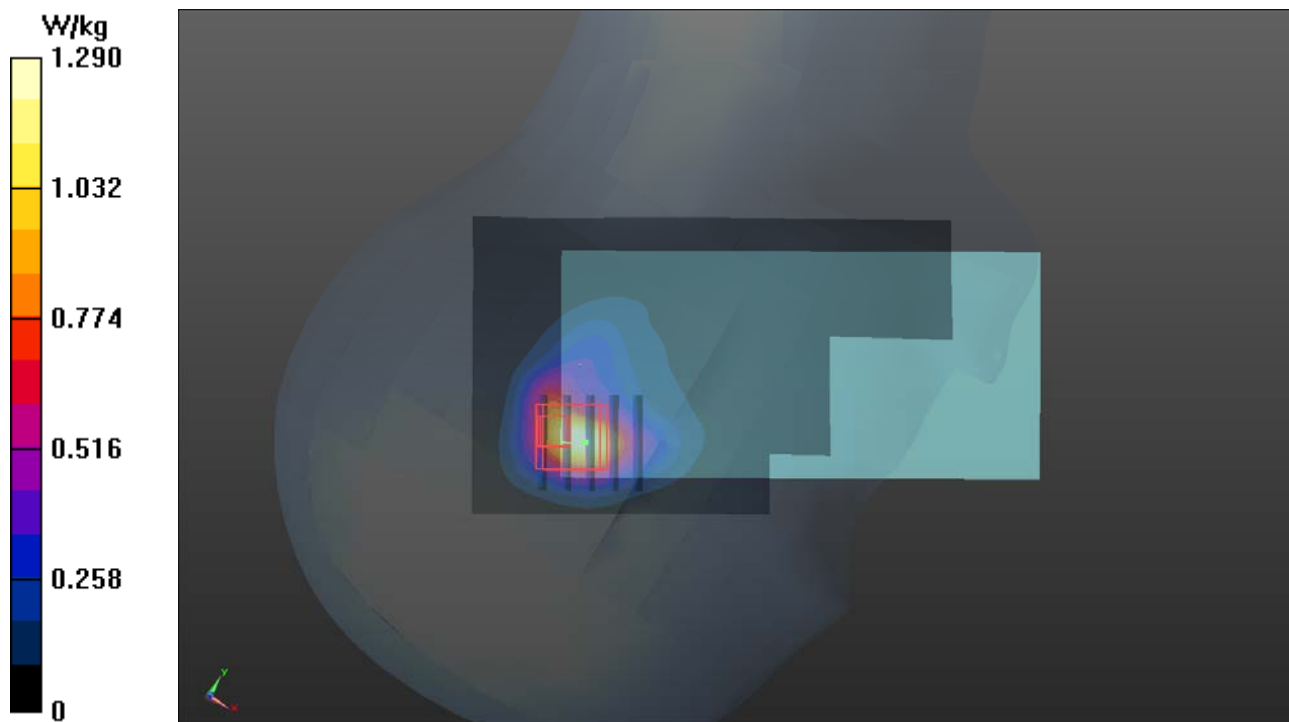
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.85 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 0.802 W/kg; SAR(10 g) = 0.366 W/kg

Maximum value of SAR (measured) = 1.37 W/kg



P13 LTE 26_QPSK15M_Right Cheek_Ch26865_1RB_SO0_Smaple1_Ant1

DUT: 181001C06

Communication System: LTE; Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: H07T10N3_1121 Medium parameters used: $f = 831.5 \text{ MHz}$; $\sigma = 0.927 \text{ S/m}$; $\epsilon_r = 43.017$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.88, 9.88, 9.88); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2018/08/27
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

- **Area Scan (71x141x1):** Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.912 W/kg

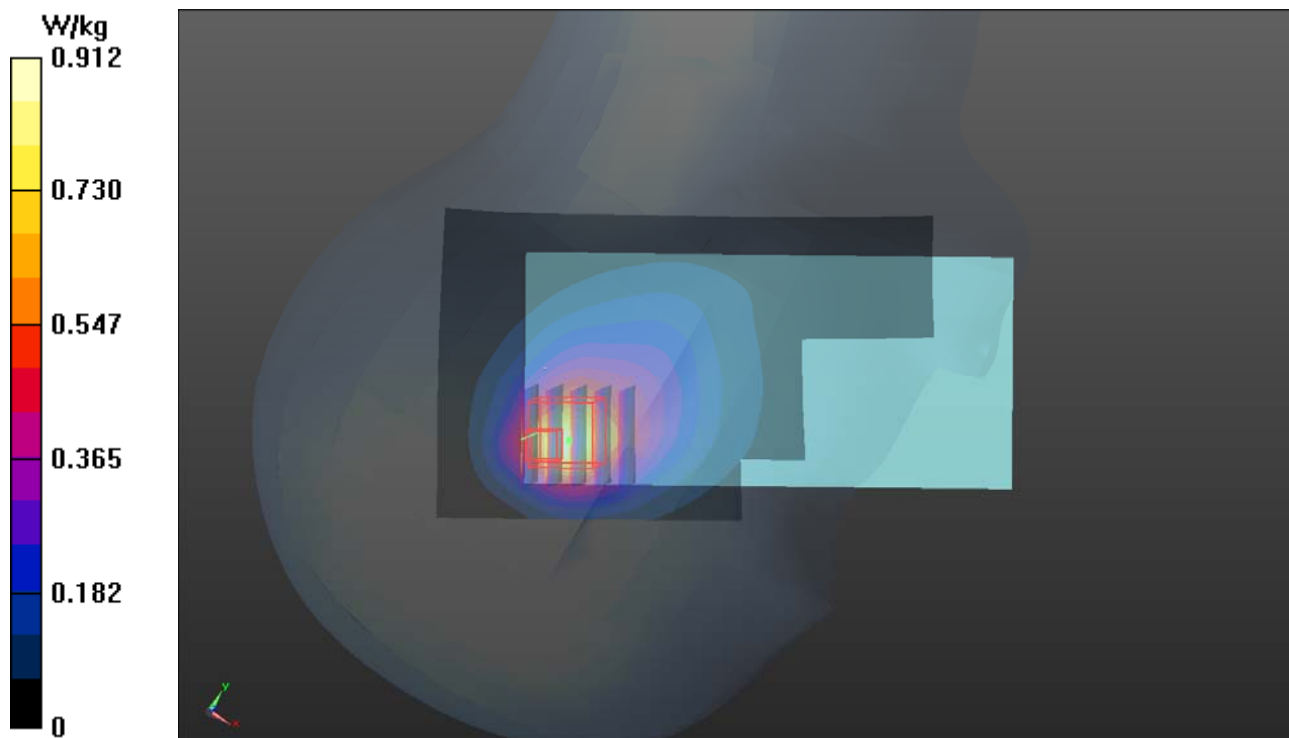
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 31.21 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.625 W/kg; SAR(10 g) = 0.363 W/kg

Maximum value of SAR (measured) = 0.953 W/kg



P14 LTE 38_QPSK20M_Right Cheek_Ch38000_1RB_SO99_Smample1_Ant3

DUT: 181001C06

Communication System: LTE TDD CF0; Frequency: 2595 MHz; Duty Cycle: 1:1.58

Medium: H19T27N3_1121 Medium parameters used: $f = 2595$ MHz; $\sigma = 2.023$ S/m; $\epsilon_r = 38.517$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.48, 7.48, 7.48); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2018/08/27
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

- **Area Scan (91x171x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.12 W/kg

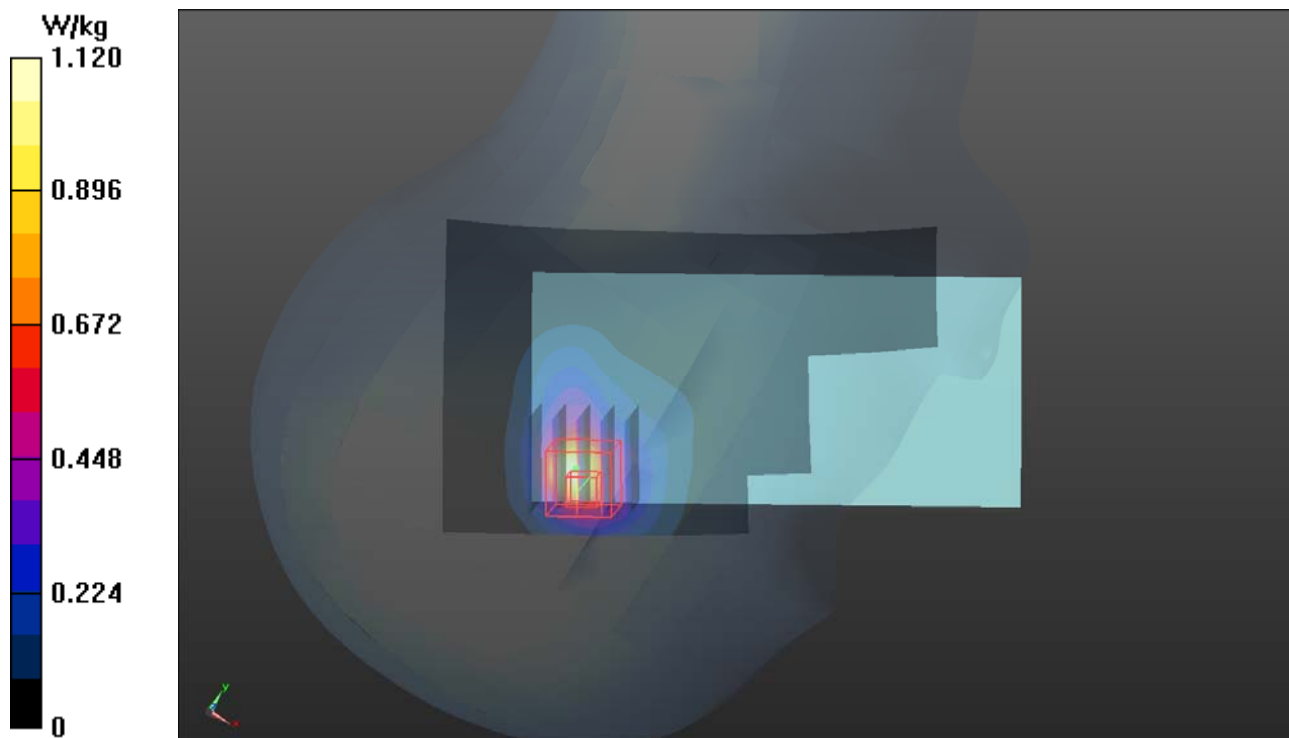
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.22 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.80 W/kg

SAR(1 g) = 0.774 W/kg; SAR(10 g) = 0.350 W/kg

Maximum value of SAR (measured) = 1.35 W/kg



P15 LTE 41_QPSK20M_Right Cheek_Ch40185_1RB_SO0_Smaple1_Ant3

DUT: 181001C06

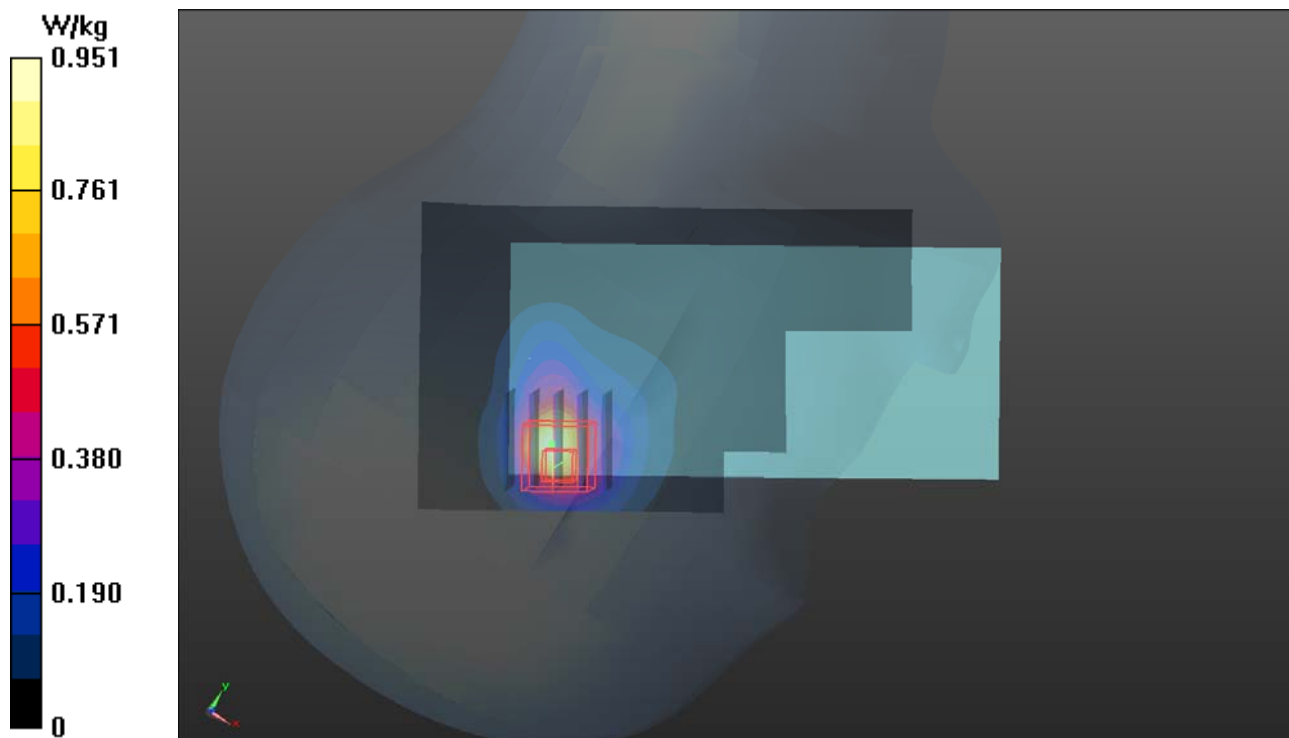
Communication System: LTE TDD CF0; Frequency: 2549.5 MHz; Duty Cycle: 1:1.58
Medium: H19T27N3_1121 Medium parameters used: $f = 2550$ MHz; $\sigma = 1.971$ S/m; $\epsilon_r = 38.661$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.48, 7.48, 7.48); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2018/08/27
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

- **Area Scan (91x171x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.951 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.42 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.52 W/kg
SAR(1 g) = 0.659 W/kg; SAR(10 g) = 0.303 W/kg
Maximum value of SAR (measured) = 1.14 W/kg



P16 LTE 66_QPSK20M_Right Cheek_Ch132572_1RB_OS0_Sample1_Ant1

DUT: 181001C06

Communication System: LTE; Frequency: 1770 MHz; Duty Cycle: 1:1

Medium: H16T20N2_1121 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.344$ S/m; $\epsilon_r = 40.378$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(8.79, 8.79, 8.79); Calibrated: 2018/08/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2018/05/30
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

- **Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.59 W/kg

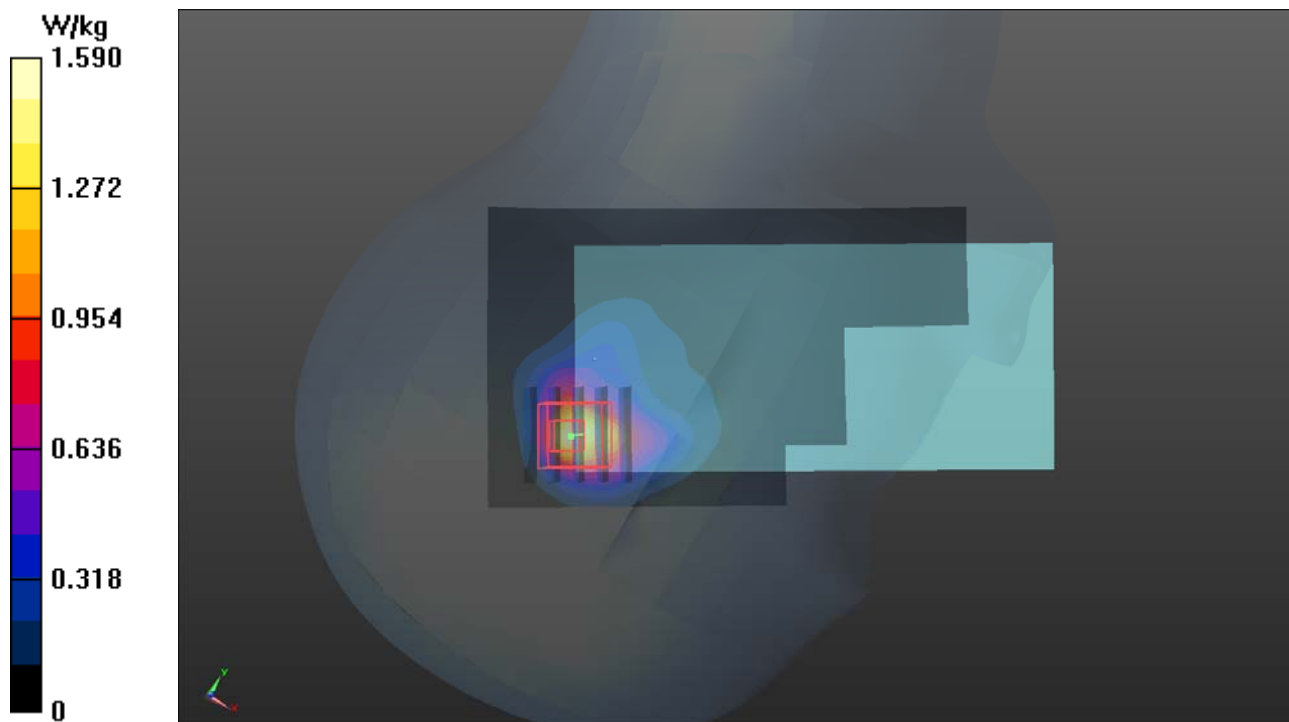
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.82 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.76 W/kg

SAR(1 g) = 0.844 W/kg; SAR(10 g) = 0.406 W/kg

Maximum value of SAR (measured) = 1.45 W/kg



P17 WLAN2.4G_802.11b_Left Cheek_Ch6_Smapple1_Ant0+1

DUT: 181001C06

Communication System: WLAN_2.4G; Frequency: 2437 MHz; Duty Cycle: 1:1.02

Medium: H19T27N1_1113 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.859$ S/m; $\epsilon_r = 37.941$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.59, 7.59, 7.59); Calibrated: 2018/06/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2018/01/18
- Phantom: Twin SAM Phantom_1496; Type: QD000P40CA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

- **Area Scan (91x171x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.73 W/kg

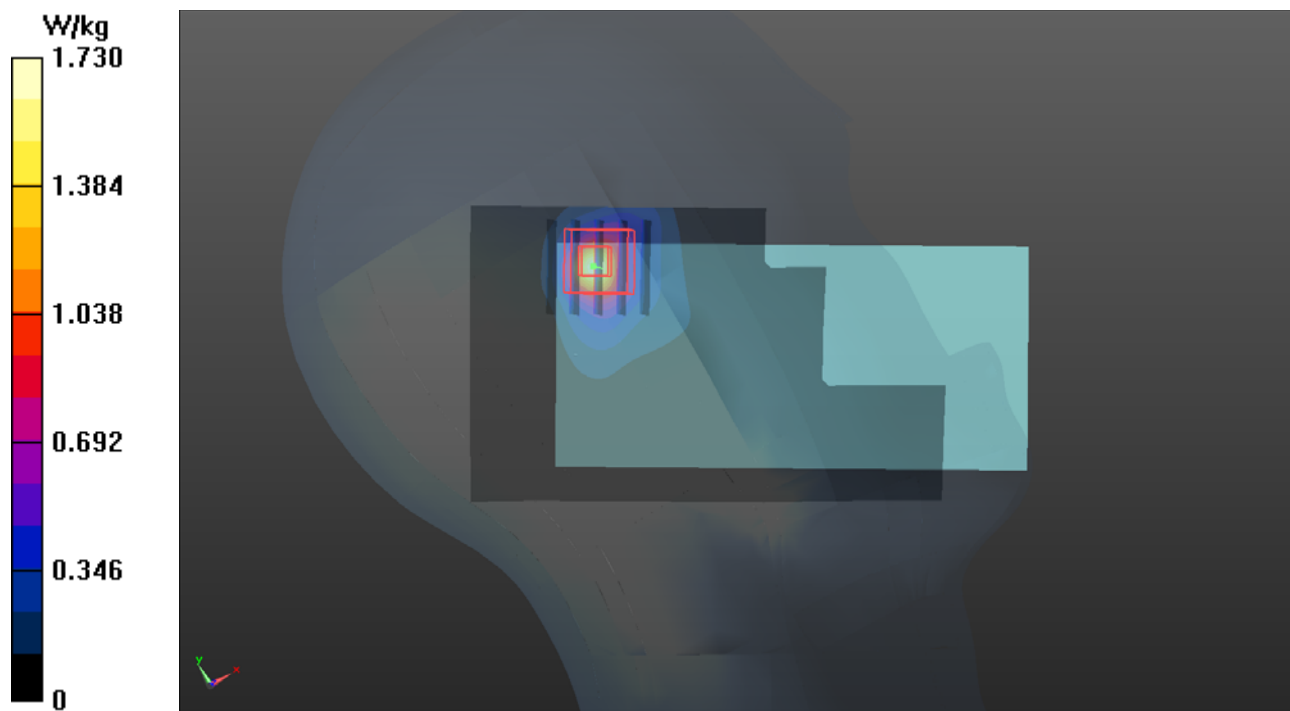
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.38 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.93 W/kg

SAR(1 g) = 0.941 W/kg; SAR(10 g) = 0.435 W/kg

Maximum value of SAR (measured) = 1.54 W/kg



P18 WLAN5.3G_802.11n HT40_Left Cheek_Ch54_Sample1_Ant0

DUT: 181001C06

Communication System: WLAN_5G; Frequency: 5270 MHz; Duty Cycle: 1:1027

Medium: H34T60N1_1120 Medium parameters used: $f = 5270$ MHz; $\sigma = 4.659$ S/m; $\epsilon_r = 37.448$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(5.46, 5.46, 5.46); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2018/08/27
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

Maximum value of SAR (interpolated) = 2.05 W/kg

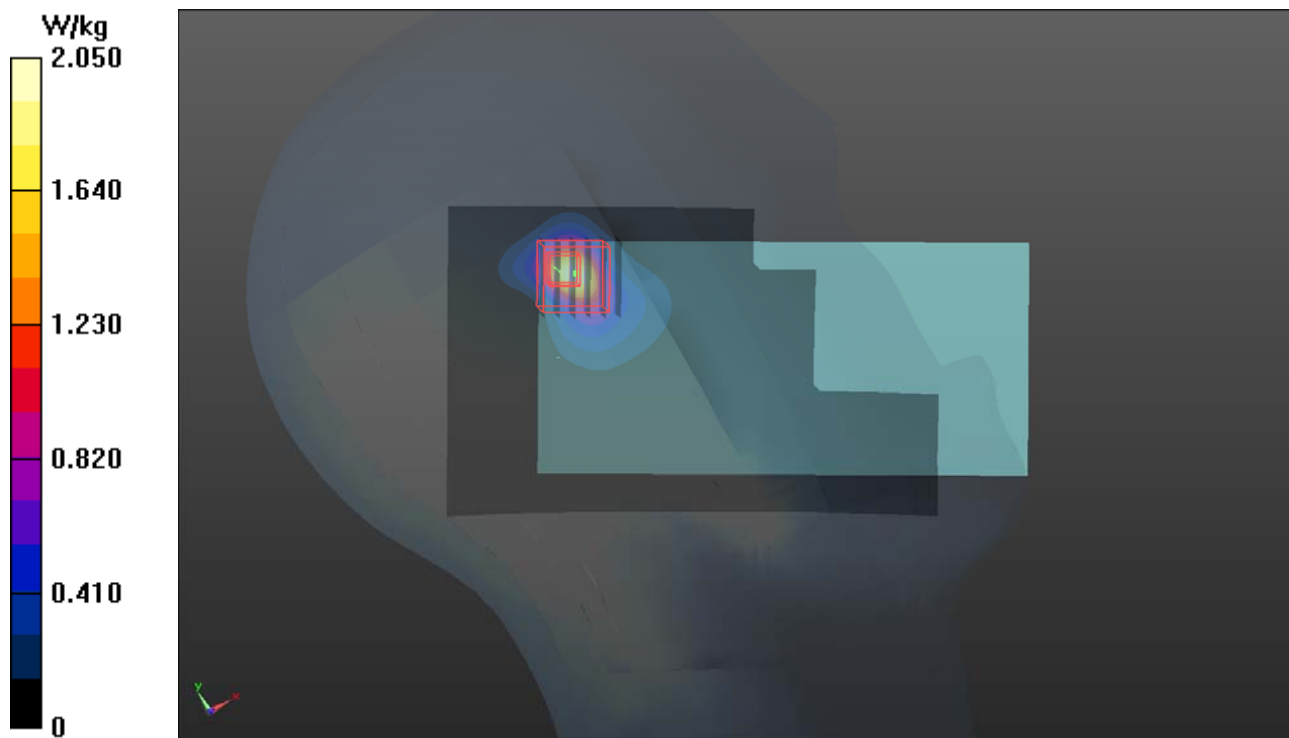
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 21.95 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 3.69 W/kg

SAR(1 g) = 0.964 W/kg; SAR(10 g) = 0.324 W/kg

Maximum value of SAR (measured) = 2.30 W/kg



P19 WLAN5.6G_802.11ac VHT80_Left Cheek_Ch138_Sample1_Ant0

DUT: 181001C06

Communication System: WLAN_5G; Frequency: 5690 MHz; Duty Cycle: 1:10

Medium: H34T60N1_1120 Medium parameters used: $f = 5690$ MHz; $\sigma = 5.096$ S/m; $\epsilon_r = 36.839$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(5.33, 5.33, 5.33); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2018/08/27
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

Maximum value of SAR (interpolated) = 2.22 W/kg

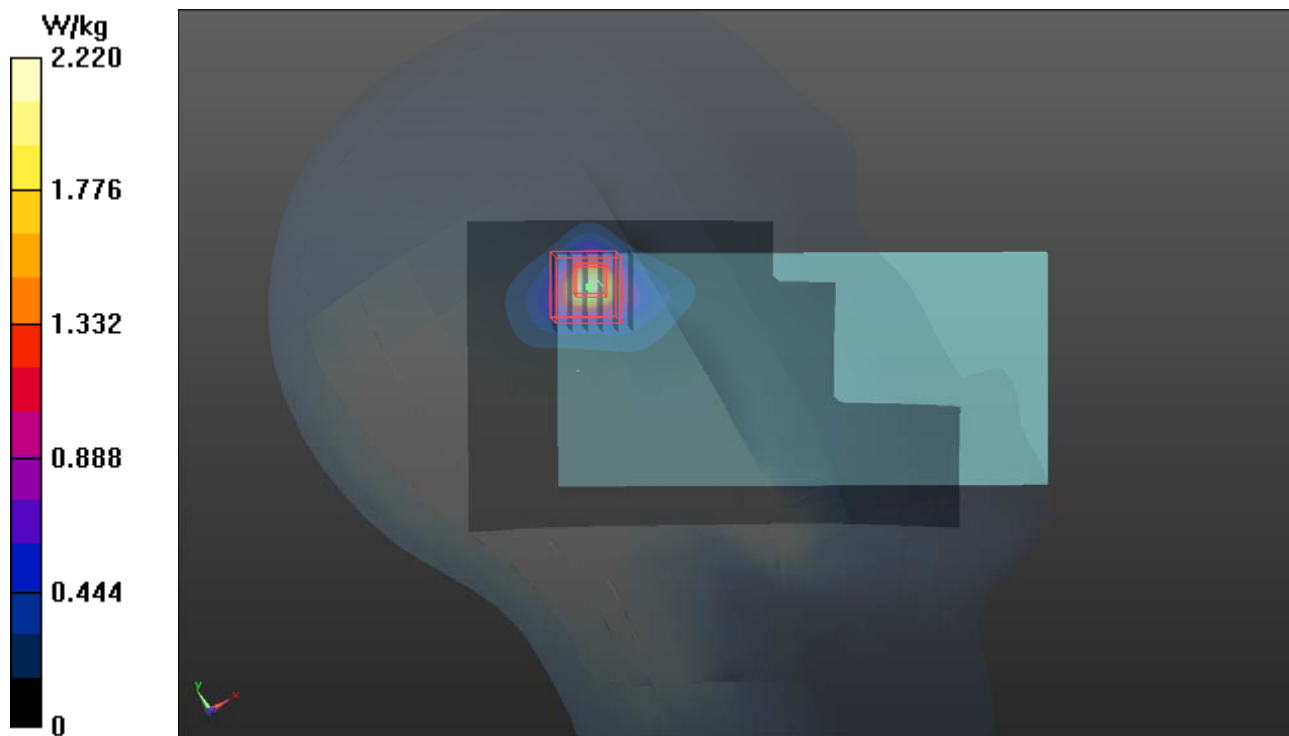
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 22.81 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 3.65 W/kg

SAR(1 g) = 0.888 W/kg; SAR(10 g) = 0.305 W/kg

Maximum value of SAR (measured) = 2.07 W/kg



P20 WLAN5.8G_802.11ac VHT80_Left Cheek_Ch155_Smample1_Ant0+1

DUT: 181001C06

Communication System: WLAN_5G; Frequency: 5775 MHz; Duty Cycle: 1:1.3

Medium: H34T60N2_1115 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.322$ S/m; $\epsilon_r = 35.371$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3898; ConvF(5.09, 5.09, 5.09); Calibrated: 2018/06/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2018/01/18
- Phantom: Twin SAM Phantom_1496; Type: QD000P40CA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

Maximum value of SAR (interpolated) = 1.38 W/kg

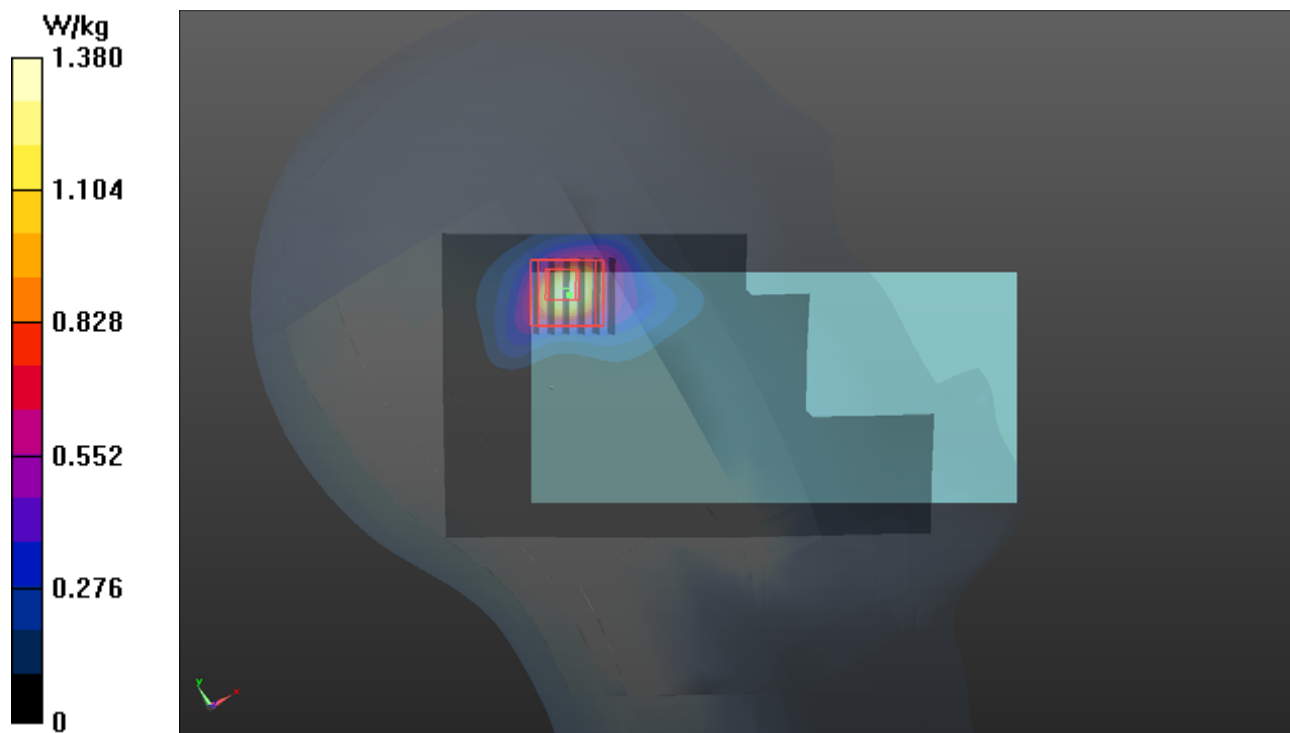
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 17.93 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 3.10 W/kg

SAR(1 g) = 0.694 W/kg; SAR(10 g) = 0.228 W/kg

Maximum value of SAR (measured) = 1.73 W/kg



P21 BT_BDR_Left Cheek_Ch39_Smapple1_Ant0

DUT: 181001C06

Communication System: BT; Frequency: 2441 MHz; Duty Cycle: 1:1.31

Medium: H19T27N3_1115 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.86$ S/m; $\epsilon_r = 39.085$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.59, 7.59, 7.59); Calibrated: 2018/06/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2018/01/18
- Phantom: Twin SAM Phantom_1496; Type: QD000P40CA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

- **Area Scan (91x171x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.849 W/kg

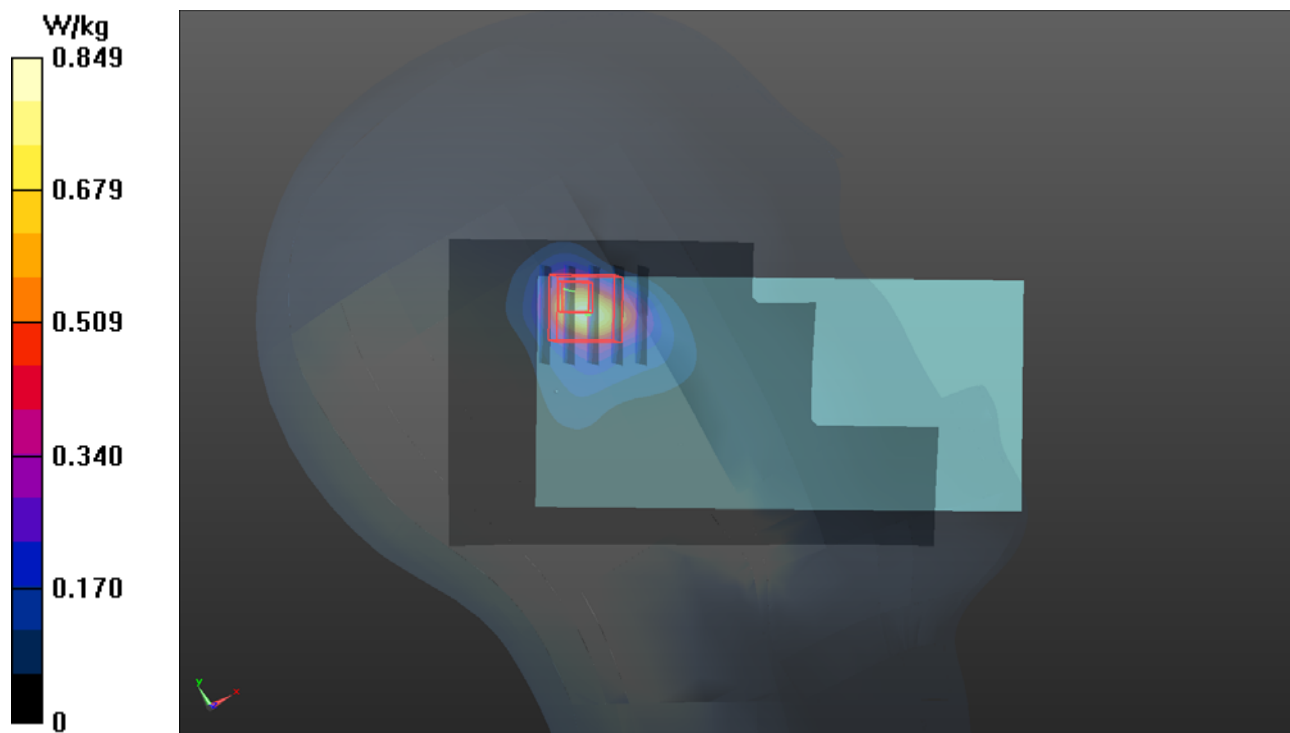
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.92 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.955 W/kg

SAR(1 g) = 0.178 W/kg; SAR(10 g) = 0.063 W/kg

Maximum value of SAR (measured) = 0.700 W/kg



P22 GSM850_GPRS12_Rear Face_10mm_Ch251_Smample1_Ant0

DUT: 181001C06

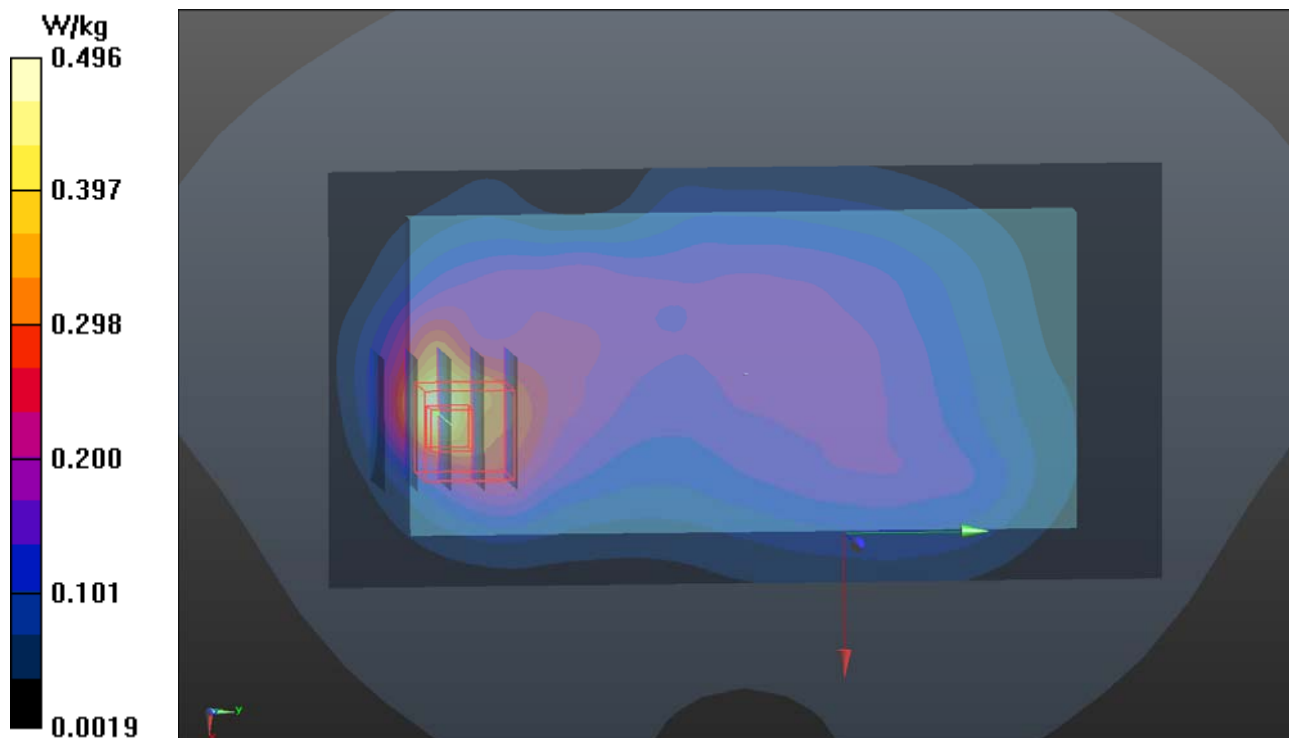
Communication System: GPRS12; Frequency: 848.8 MHz; Duty Cycle: 1:2
Medium: B07T10N1_1122 Medium parameters used: $f = 849$ MHz; $\sigma = 1$ S/m; $\epsilon_r = 53.676$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.74, 9.74, 9.74); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2018/08/27
- Phantom: Twin SAM Phantom_1822; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

- **Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.496 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.22 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.514 W/kg
SAR(1 g) = 0.269 W/kg; SAR(10 g) = 0.151 W/kg
Maximum value of SAR (measured) = 0.401 W/kg



P23 GSM1900_GPRS12_Rear Face_10mm_Ch512_Smaple1_Ant0

DUT: 181001C06

Communication System: GPRS12; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: B16T20N2_1206 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.546$ S/m; $\epsilon_r = 51.78$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.89, 7.89, 7.89); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2018/08/27
- Phantom: Twin SAM Phantom_1822; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

- **Area Scan (71x141x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.299 W/kg

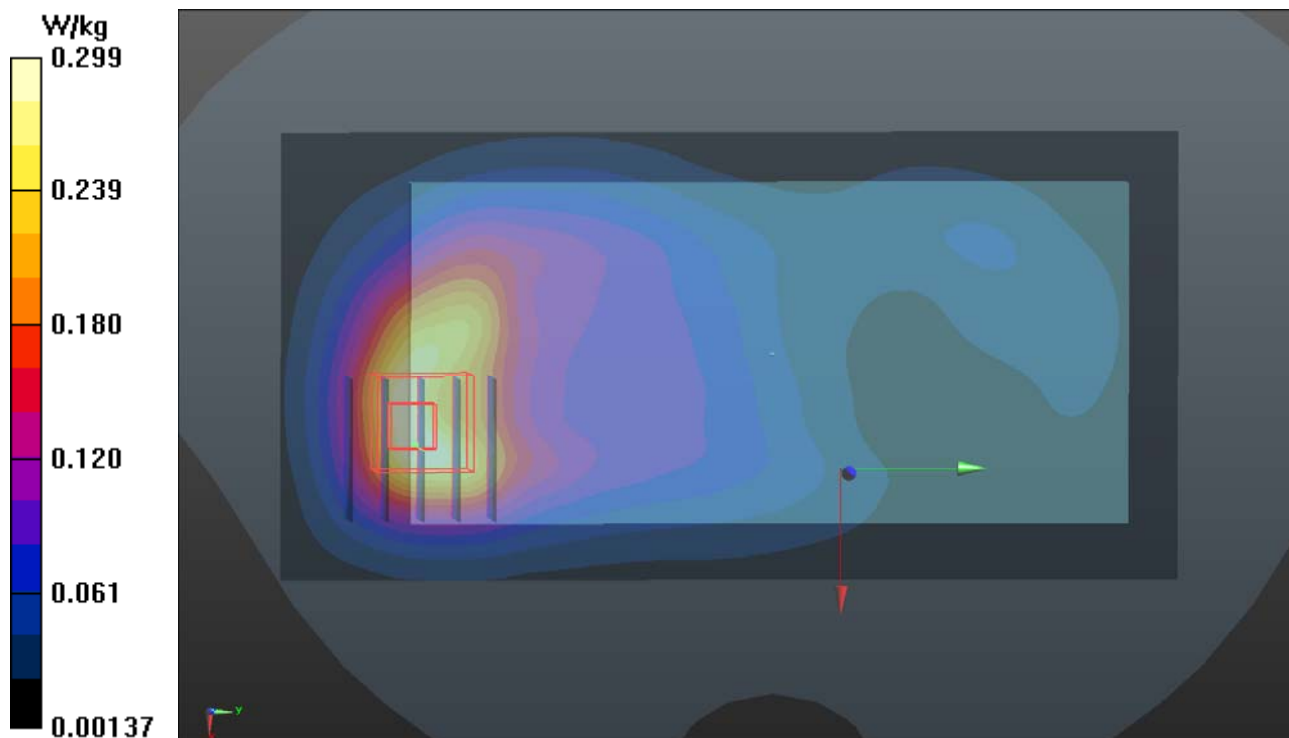
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.65 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.452 W/kg

SAR(1 g) = 0.250 W/kg; SAR(10 g) = 0.142 W/kg

Maximum value of SAR (measured) = 0.376 W/kg



P24 WCDMA II_RMC12.2K_Rear Face_10mm_Ch9538_Smaple1_Ant0

DUT: 181001C06

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

Medium: B16T20N2_1206 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.585$ S/m; $\epsilon_r = 51.735$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.89, 7.89, 7.89); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2018/08/27
- Phantom: Twin SAM Phantom_1822; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

- **Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.769 W/kg

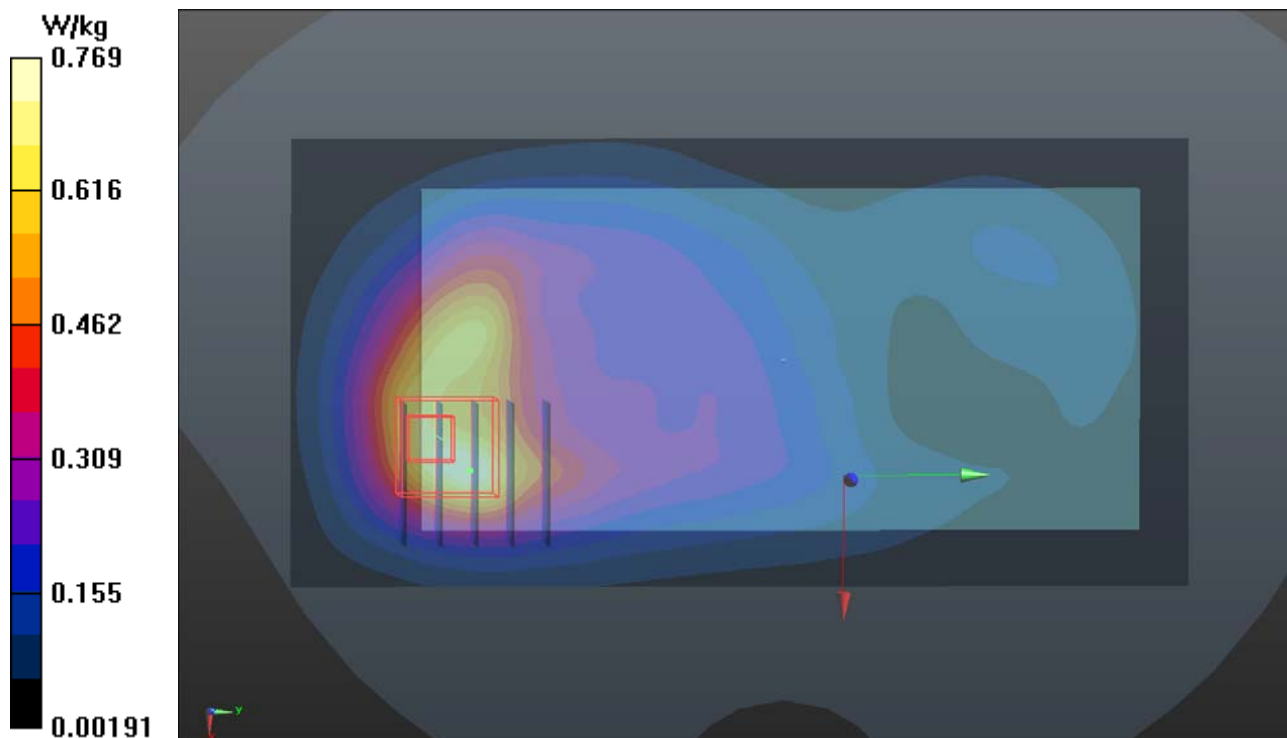
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.11 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.566 W/kg; SAR(10 g) = 0.301 W/kg

Maximum value of SAR (measured) = 0.910 W/kg



P25 WCDMA IV_RMC12.2K_Rear Face_10mm_Ch1413_Smample1_Ant0

DUT: 181001C06

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

Medium: B16T20N2_1206 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.447$ S/m; $\epsilon_r = 52.042$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.2, 8.2, 8.2); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2018/08/27
- Phantom: Twin SAM Phantom_1822; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

- **Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.543 W/kg

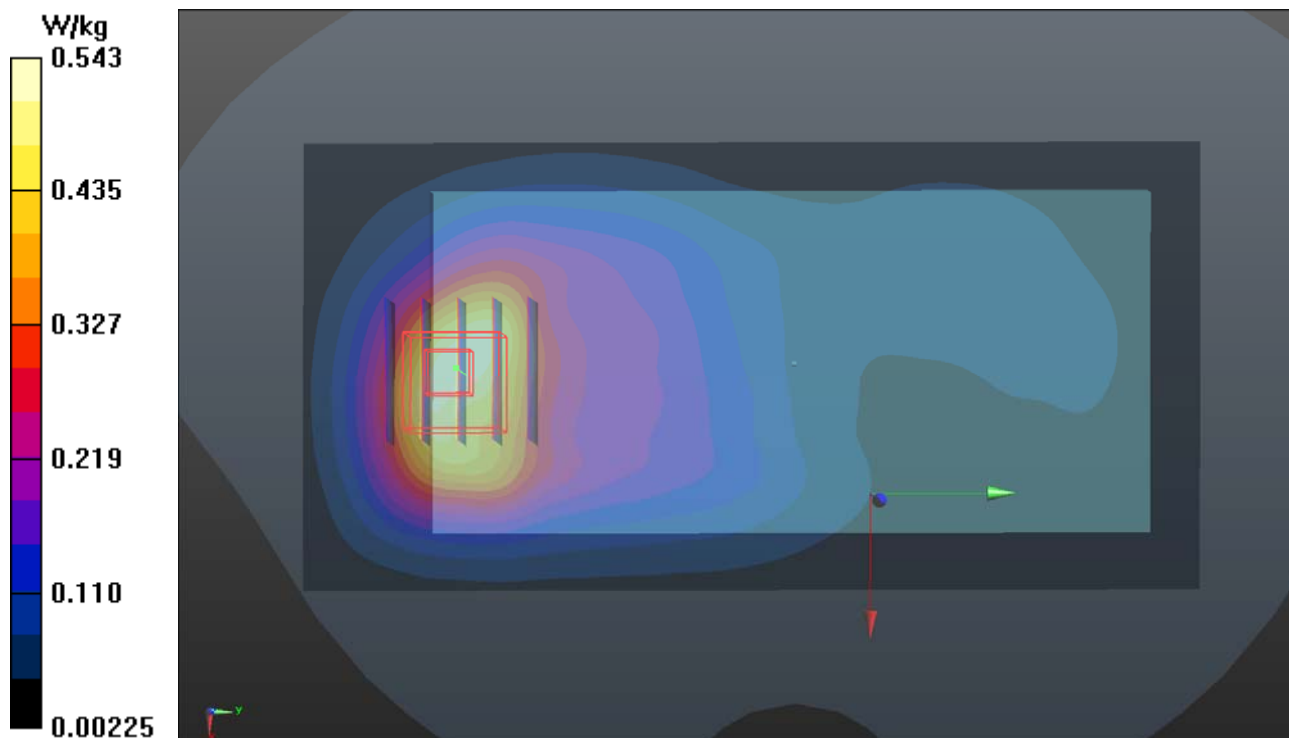
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.10 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.837 W/kg

SAR(1 g) = 0.511 W/kg; SAR(10 g) = 0.289 W/kg

Maximum value of SAR (measured) = 0.710 W/kg



P26 WCDMA V_RMC12.2K_Rear Face_10mm_Ch4132_Smample1_Ant0

DUT: 181001C06

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: B07T10N1_1122 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.976$ S/m; $\epsilon_r = 53.857$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.74, 9.74, 9.74); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2018/08/27
- Phantom: Twin SAM Phantom_1822; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

- **Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.340 W/kg

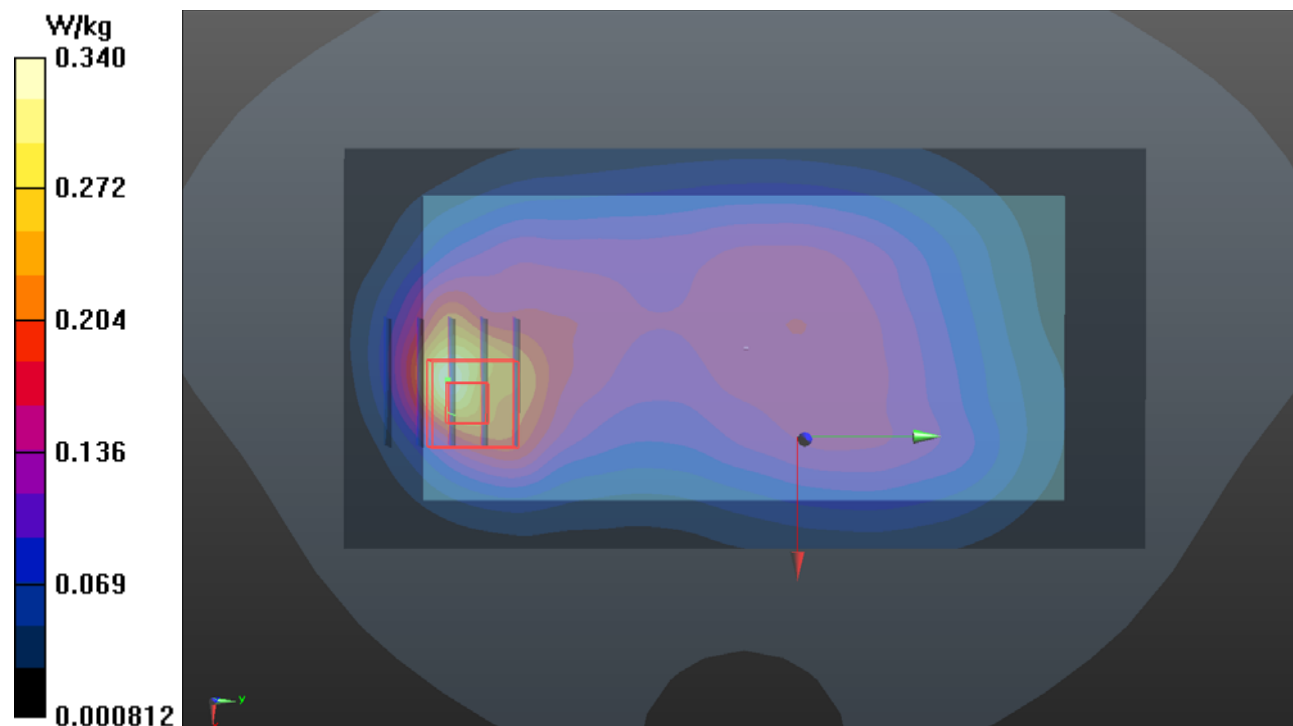
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.29 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.370 W/kg

SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.123 W/kg

Maximum value of SAR (measured) = 0.283 W/kg



P27 CDMA BC0_RTAP153.6_Rear Face_10mm_Ch777_Smample1_Ant0

DUT: 181001C06

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

Medium: B07T10N1_1122 Medium parameters used: $f = 848.31$ MHz; $\sigma = 1$ S/m; $\epsilon_r = 53.677$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.74, 9.74, 9.74); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2018/08/27
- Phantom: Twin SAM Phantom_1822; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

- **Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.458 W/kg

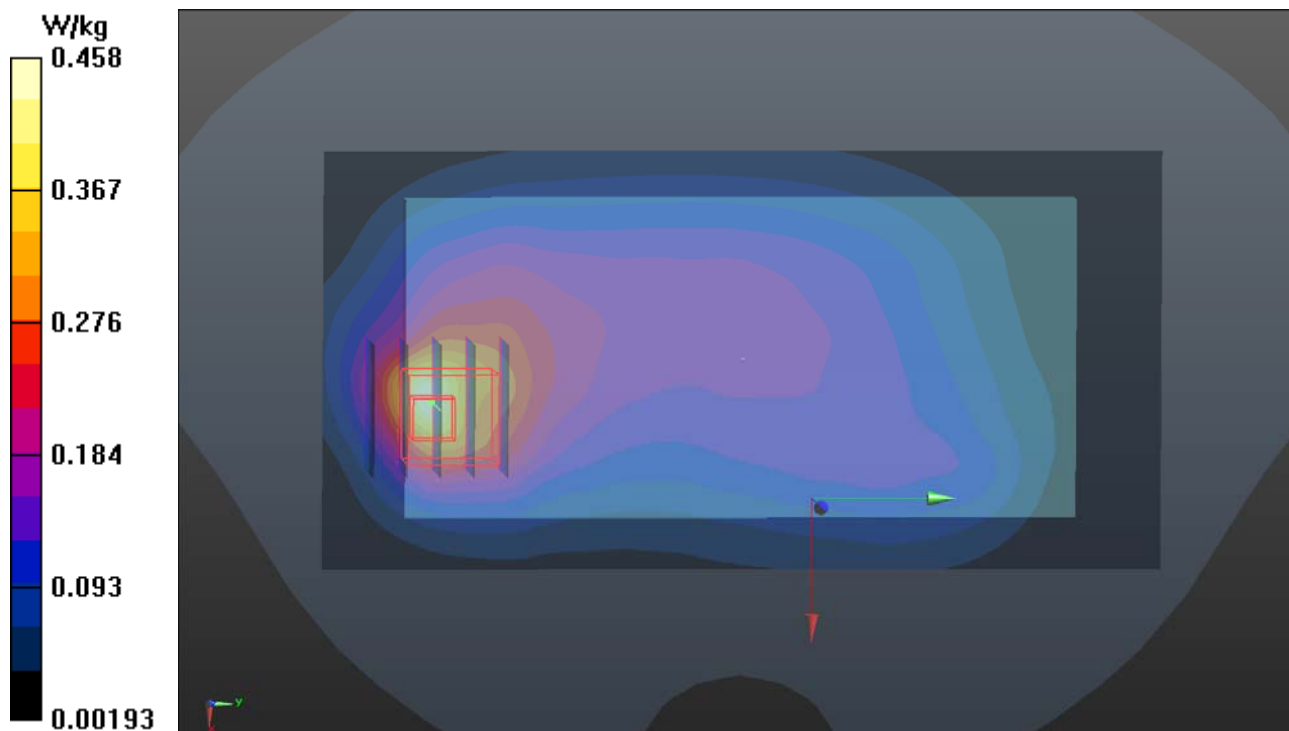
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.21 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.475 W/kg

SAR(1 g) = 0.264 W/kg; SAR(10 g) = 0.157 W/kg

Maximum value of SAR (measured) = 0.371 W/kg



P28 CDMA BC1_RTAP153.6_Rear Face_10mm_Ch1175_Smapple1_Ant1

DUT: 181001C06

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

Medium: B16T20N2_1206 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.586$ S/m; $\epsilon_r = 51.731$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.89, 7.89, 7.89); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2018/08/27
- Phantom: Twin SAM Phantom_1822; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

- **Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

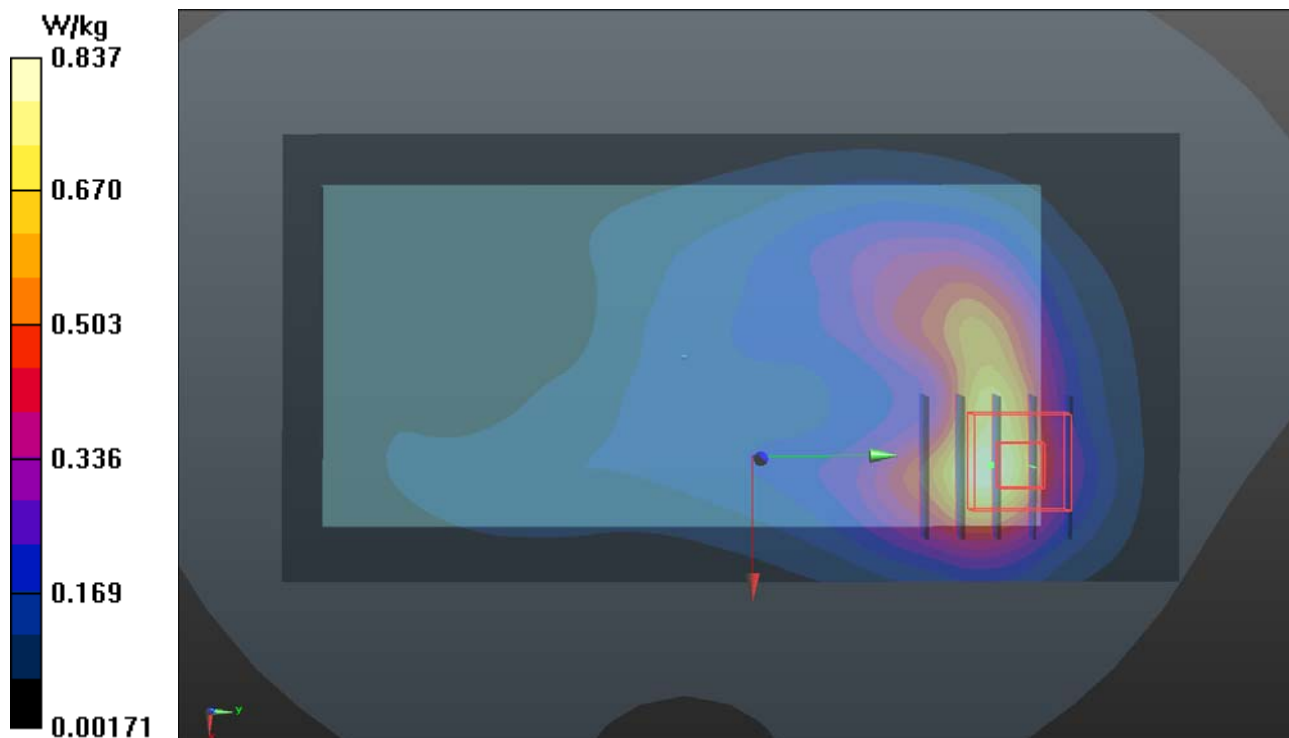
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.27 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.994 W/kg

SAR(1 g) = 0.496 W/kg; SAR(10 g) = 0.261 W/kg

Maximum value of SAR (measured) = 0.823 W/kg



P29 CDMA BC10_RTAP153.6_Rear Face_10mm_Ch580_Smample1_Ant0

DUT: 181001C06

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

Medium: B07T10N1_1122 Medium parameters used: $f = 820.5$ MHz; $\sigma = 0.97$ S/m; $\epsilon_r = 53.902$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.74, 9.74, 9.74); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2018/08/27
- Phantom: Twin SAM Phantom_1822; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

- **Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

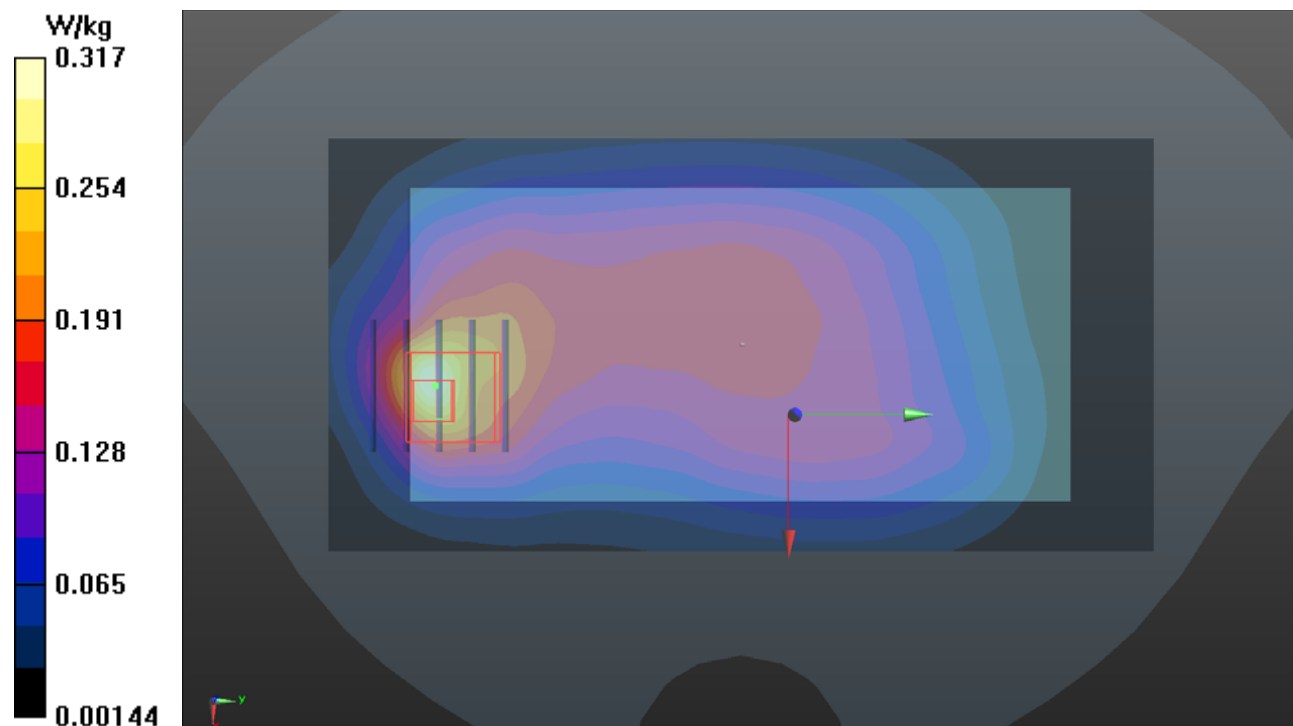
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.20 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.336 W/kg

SAR(1 g) = 0.183 W/kg; SAR(10 g) = 0.108 W/kg

Maximum value of SAR (measured) = 0.258 W/kg



P30 LTE 7_QPSK20M_Rear Face_10mm_Ch20850_1RB_SO99_Smample1_Ant2

DUT: 181001C06

Communication System: LTE; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: B19T27N3_1121 Medium parameters used: $f = 2510$ MHz; $\sigma = 2.117$ S/m; $\epsilon_r = 53.54$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.48, 7.48, 7.48); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2018/08/27
- Phantom: Twin SAM Phantom_1822; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

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

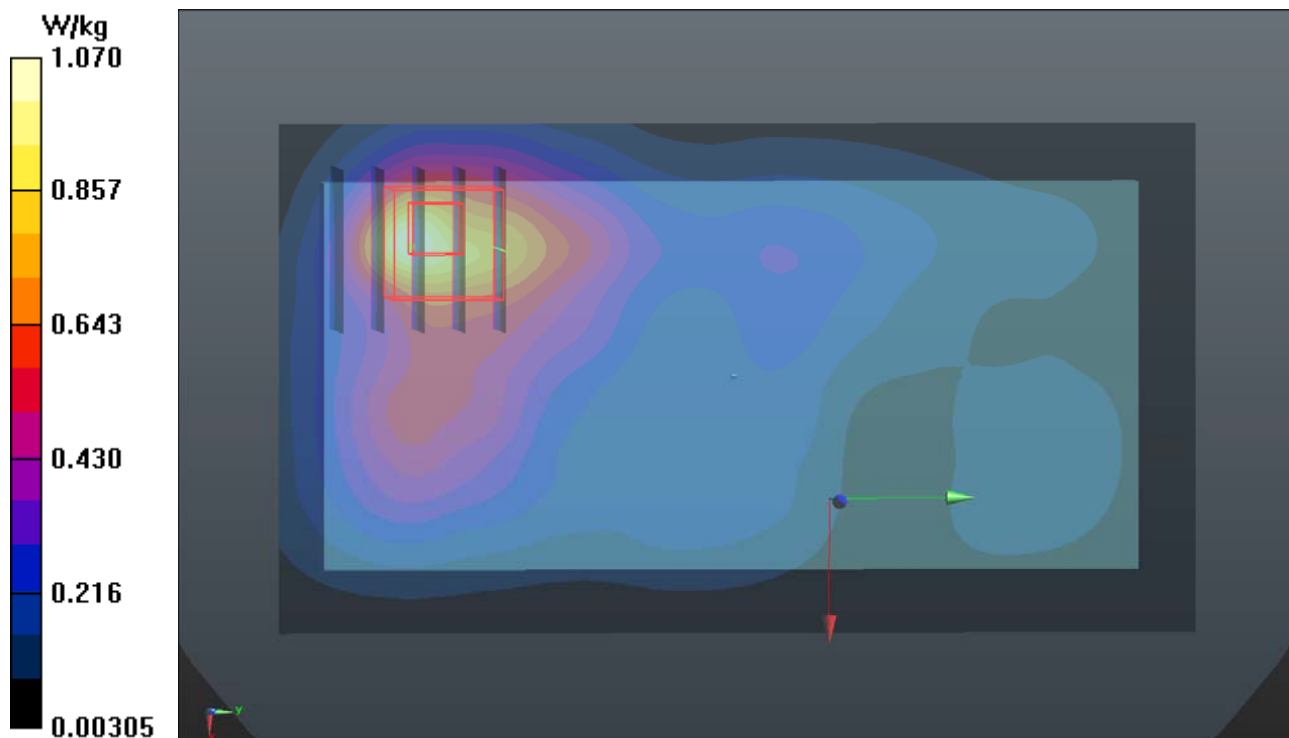
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.42 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.504 W/kg; SAR(10 g) = 0.278 W/kg

Maximum value of SAR (measured) = 0.758 W/kg



P31 LTE 12_QPSK10M_Rear Face_10mm_Ch23060_1RB_OS24_Smample1_Ant0

DUT: 181001C06

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

Medium: B06T09N1_1122 Medium parameters used: $f = 704 \text{ MHz}$; $\sigma = 0.92 \text{ S/m}$; $\epsilon_r = 54.412$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.7 \text{ }^\circ\text{C}$; Liquid Temperature : $23.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.91, 9.91, 9.91); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2018/08/27
- Phantom: Twin SAM Phantom_1822; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

- **Area Scan (71x141x1):** Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.252 W/kg

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

Reference Value = 16.70 V/m ; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.262 W/kg

SAR(1 g) = 0.195 W/kg ; SAR(10 g) = 0.150 W/kg

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

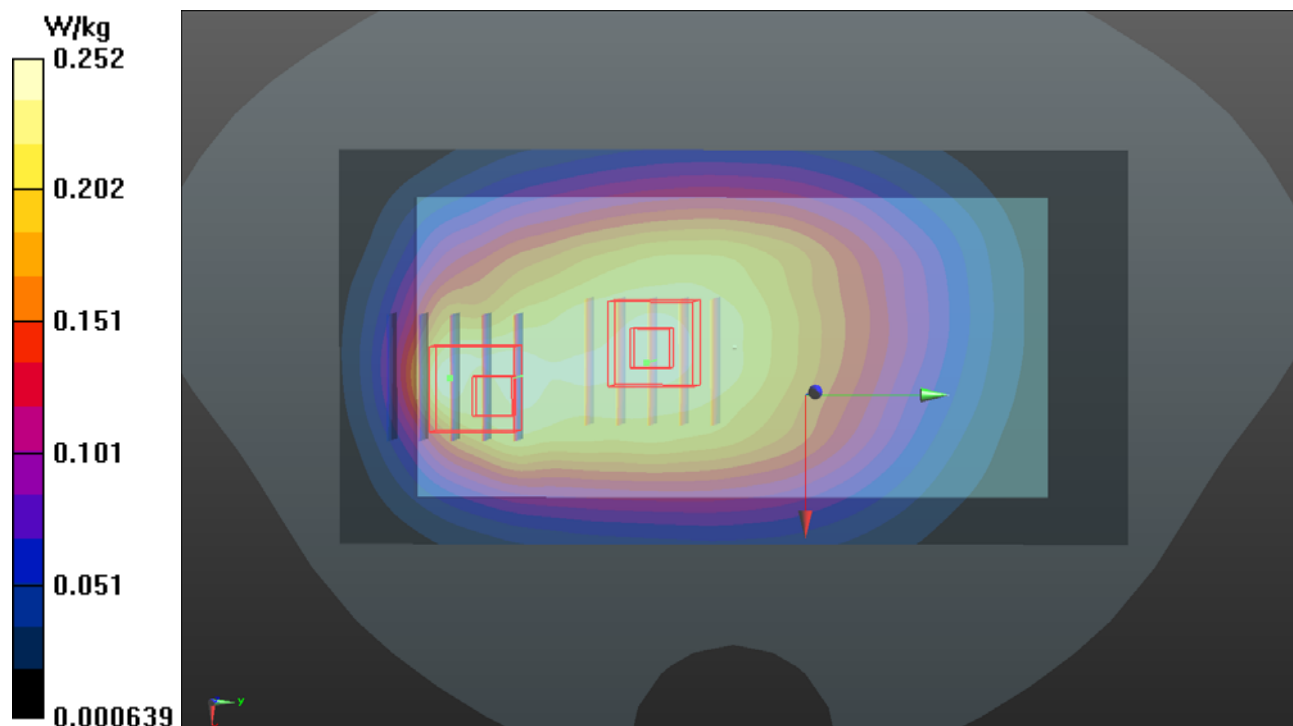
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 16.70 V/m ; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.287 W/kg

SAR(1 g) = 0.174 W/kg ; SAR(10 g) = 0.105 W/kg

Maximum value of SAR (measured) = 0.236 W/kg



P32 LTE 13_QPSK10M_Rear Face_10mm_Ch23230_1RB_OS0_Smaple1_Ant0

DUT: 181001C06

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

Medium: B06T09N1_1122 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.994 \text{ S/m}$; $\epsilon_r = 53.63$; $\rho = 1000 \text{ kg/m}^3$

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

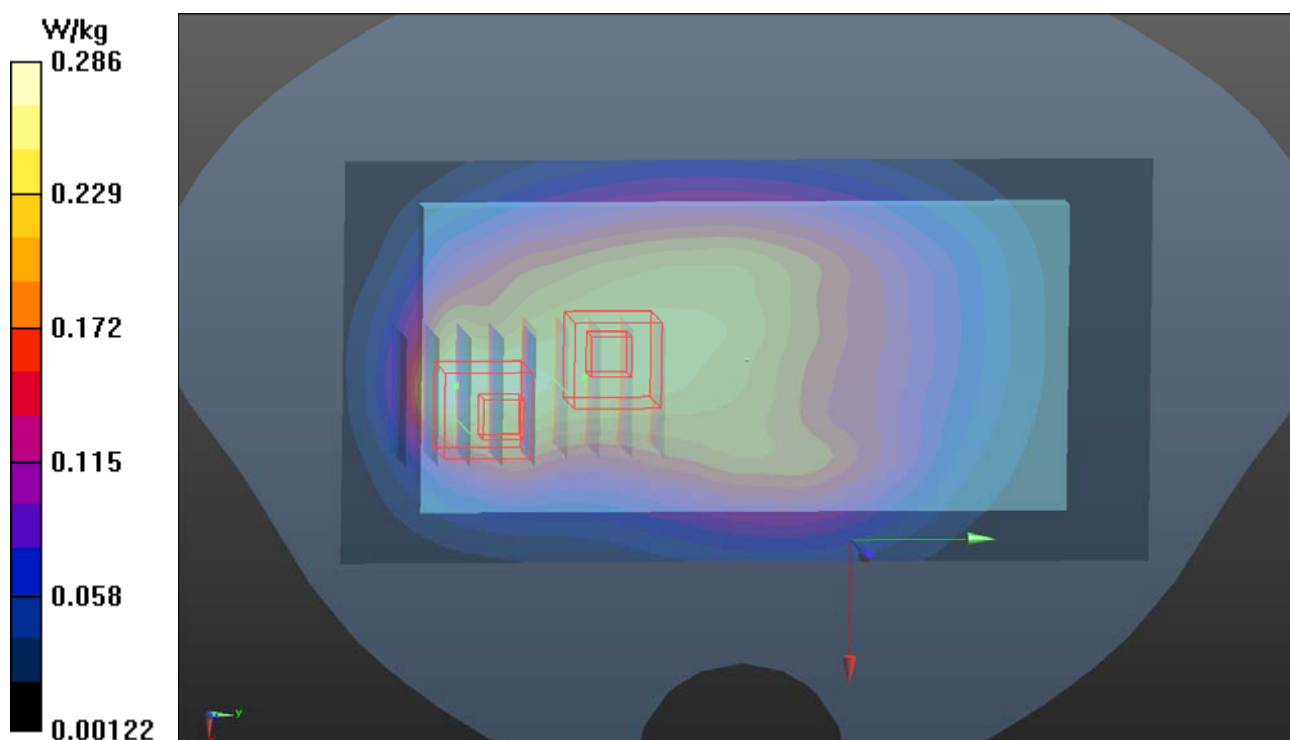
DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.91, 9.91, 9.91); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2018/08/27
- Phantom: Twin SAM Phantom_1822; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

- **Area Scan (71x141x1):** Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 0.286 W/kg

- **Zoom Scan (5x5x7)/Cube 1:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 16.18 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.274 W/kg
SAR(1 g) = 0.199 W/kg; SAR(10 g) = 0.151 W/kg
Maximum value of SAR (measured) = 0.242 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 16.18 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.308 W/kg
SAR(1 g) = 0.199 W/kg; SAR(10 g) = 0.107 W/kg
Maximum value of SAR (measured) = 0.249 W/kg



P33 LTE 25_QPSK20M_Rear Face_10mm_Ch26590_1RB_OS50_Smample1_Ant0

DUT: 181001C06

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

Medium: B16T20N2_1206 Medium parameters used: $f = 1905 \text{ MHz}$; $\sigma = 1.582 \text{ S/m}$; $\epsilon_r = 51.745$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.4 \text{ }^\circ\text{C}$; Liquid Temperature : $23.1 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.89, 7.89, 7.89); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2018/08/27
- Phantom: Twin SAM Phantom_1822; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

- **Area Scan (71x141x1):** Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.728 W/kg

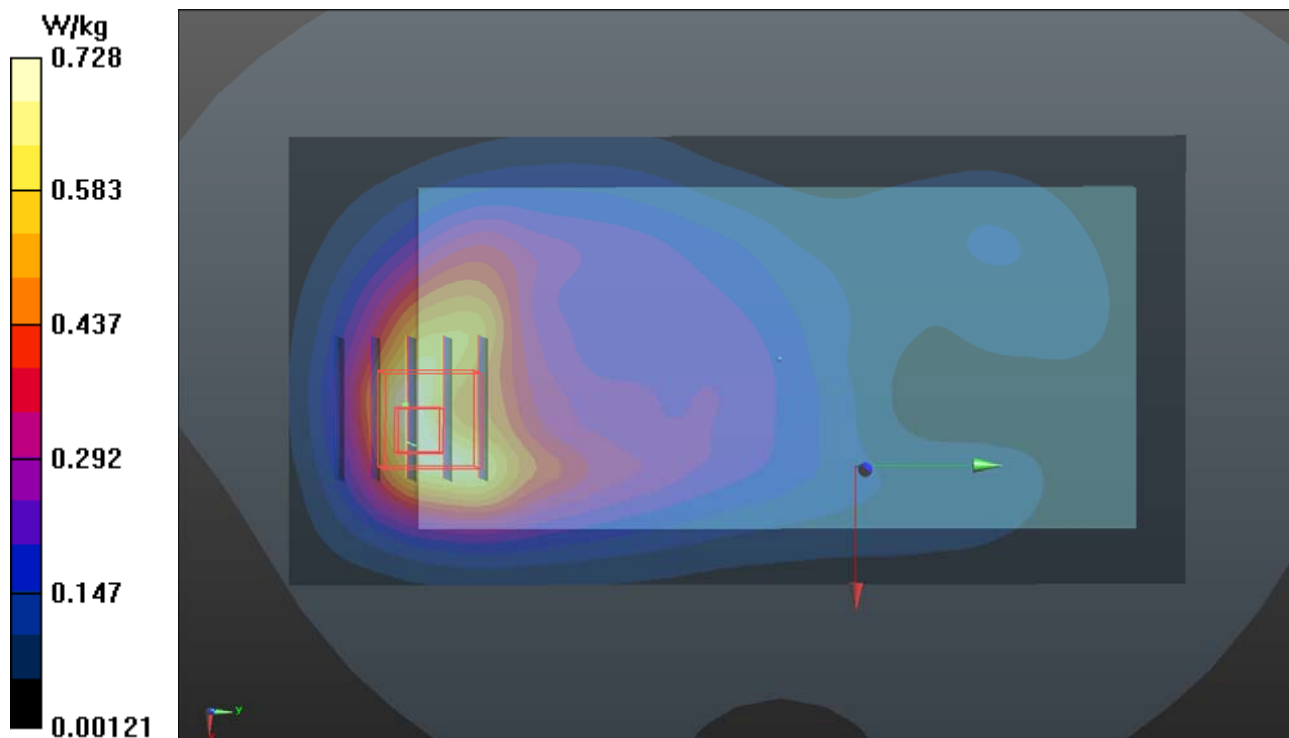
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 19.41 V/m ; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.522 W/kg ; SAR(10 g) = 0.296 W/kg

Maximum value of SAR (measured) = 0.868 W/kg



P34 LTE 26_QPSK15M_Rear Face_10mm_Ch26865_1RB_OS0_Smample1_Ant0

DUT: 181001C06

Communication System: LTE; Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: B07T10N1_1122 Medium parameters used: $f = 831.5 \text{ MHz}$; $\sigma = 0.981 \text{ S/m}$; $\epsilon_r = 53.823$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.7 \text{ }^\circ\text{C}$; Liquid Temperature : $23.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.74, 9.74, 9.74); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2018/08/27
- Phantom: Twin SAM Phantom_1822; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

- **Area Scan (71x141x1):** Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.395 W/kg

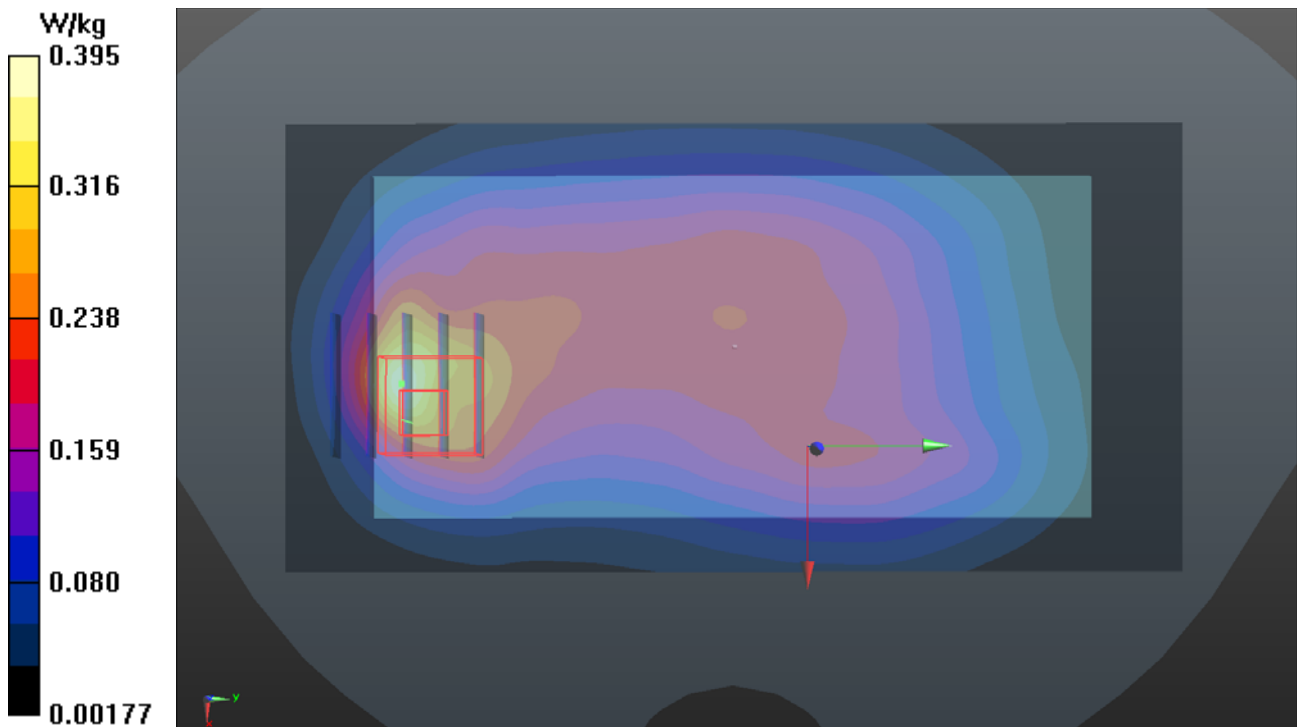
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.71 V/m ; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.420 W/kg

SAR(1 g) = 0.245 W/kg ; SAR(10 g) = 0.132 W/kg

Maximum value of SAR (measured) = 0.327 W/kg



P35 LTE 38_QPSK20M_Rear Face_10mm_Ch37850_1RB_SO99_Smapple1_Ant2

DUT: 181001C06

Communication System: LTE TDD CF0; Frequency: 2580 MHz; Duty Cycle: 1:1.58

Medium: B19T27N3_1121 Medium parameters used: $f = 2580$ MHz; $\sigma = 2.202$ S/m; $\epsilon_r = 53.337$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.48, 7.48, 7.48); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2018/08/27
- Phantom: Twin SAM Phantom_1822; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

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

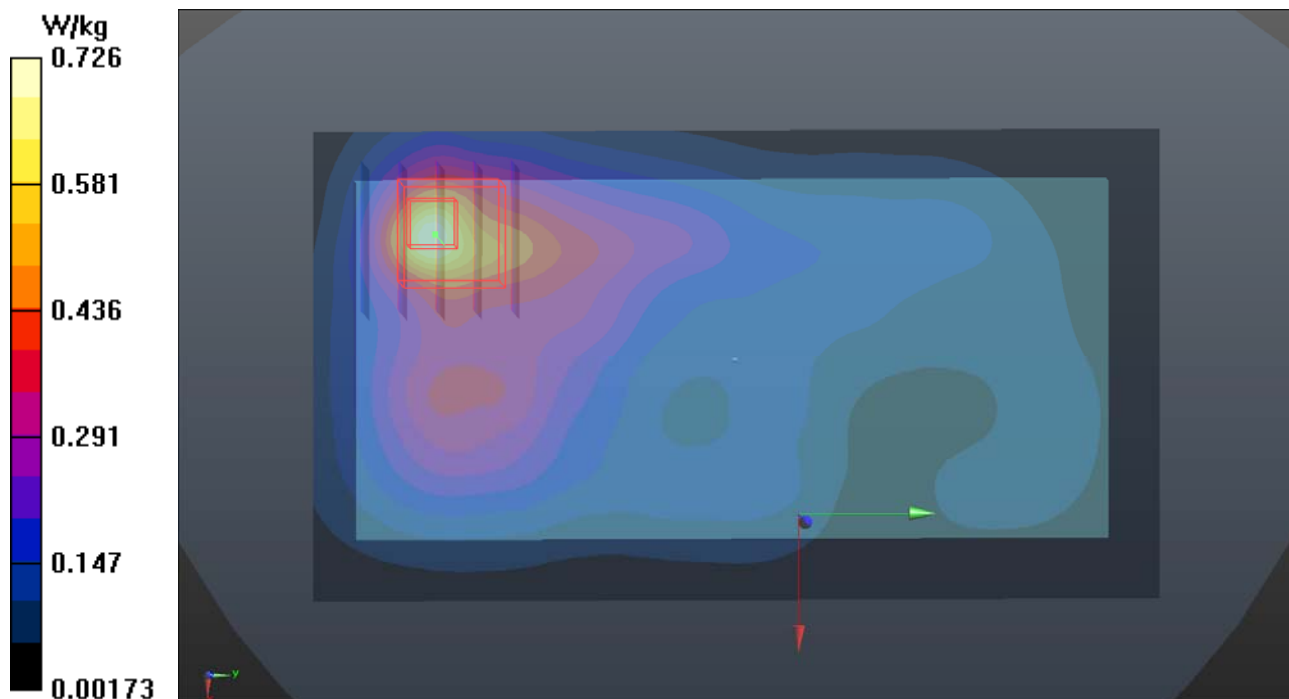
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.41 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.754 W/kg

SAR(1 g) = 0.360 W/kg; SAR(10 g) = 0.178 W/kg

Maximum value of SAR (measured) = 0.551 W/kg



P36 LTE 41_QPSK20M_Rear Face_10mm_Ch40185_1RB_SO0_Smample1_Ant2

DUT: 181001C06

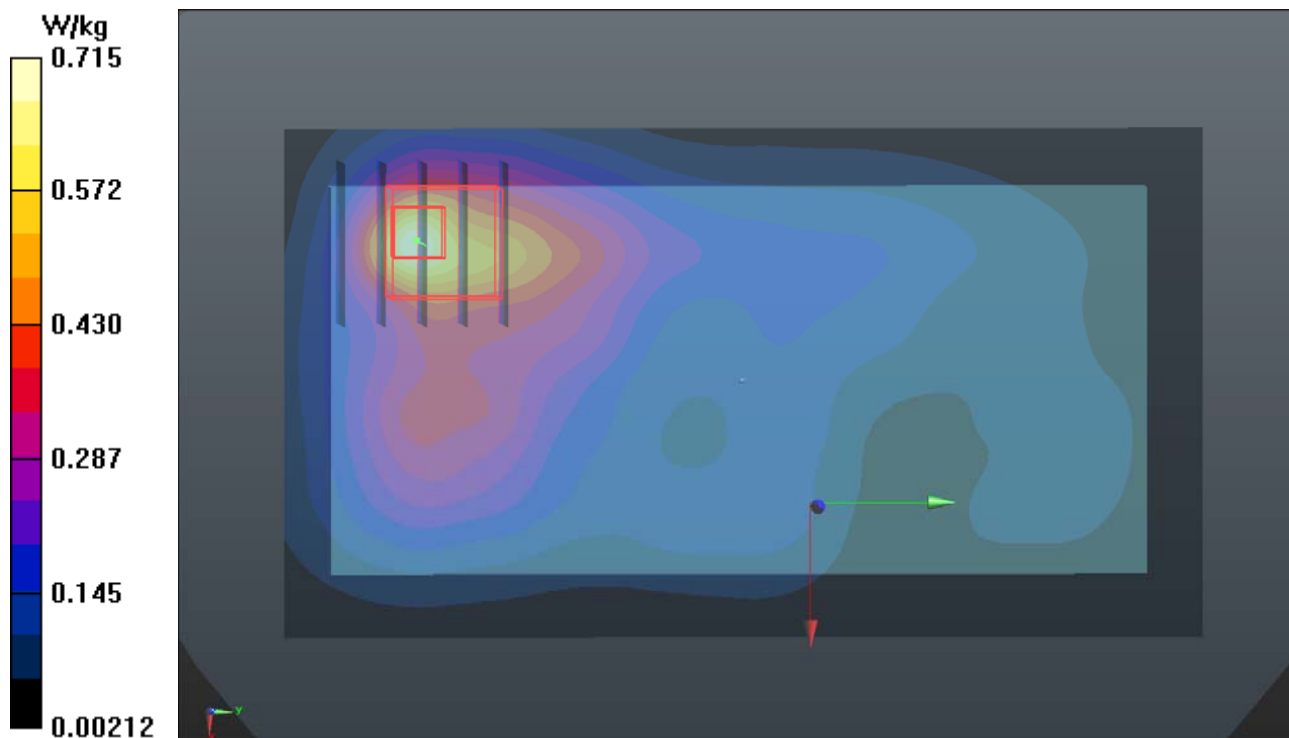
Communication System: LTE TDD CF0; Frequency: 2549.5 MHz; Duty Cycle: 1:1.58
Medium: B19T27N3_1121 Medium parameters used: $f = 2550$ MHz; $\sigma = 2.165$ S/m; $\epsilon_r = 53.415$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.48, 7.48, 7.48); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2018/08/27
- Phantom: Twin SAM Phantom_1822; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

- **Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.715 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.27 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.723 W/kg
SAR(1 g) = 0.345 W/kg; SAR(10 g) = 0.183 W/kg
Maximum value of SAR (measured) = 0.548 W/kg



P37 LTE 66_QPSK20M_Rear Face_10mm_Ch132322_1RB_OS0_Smample1_Ant0

DUT: 181001C06

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

Medium: B16T20N2_1206 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.457$ S/m; $\epsilon_r = 52.036$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.2, 8.2, 8.2); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2018/08/27
- Phantom: Twin SAM Phantom_1822; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

- **Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.573 W/kg

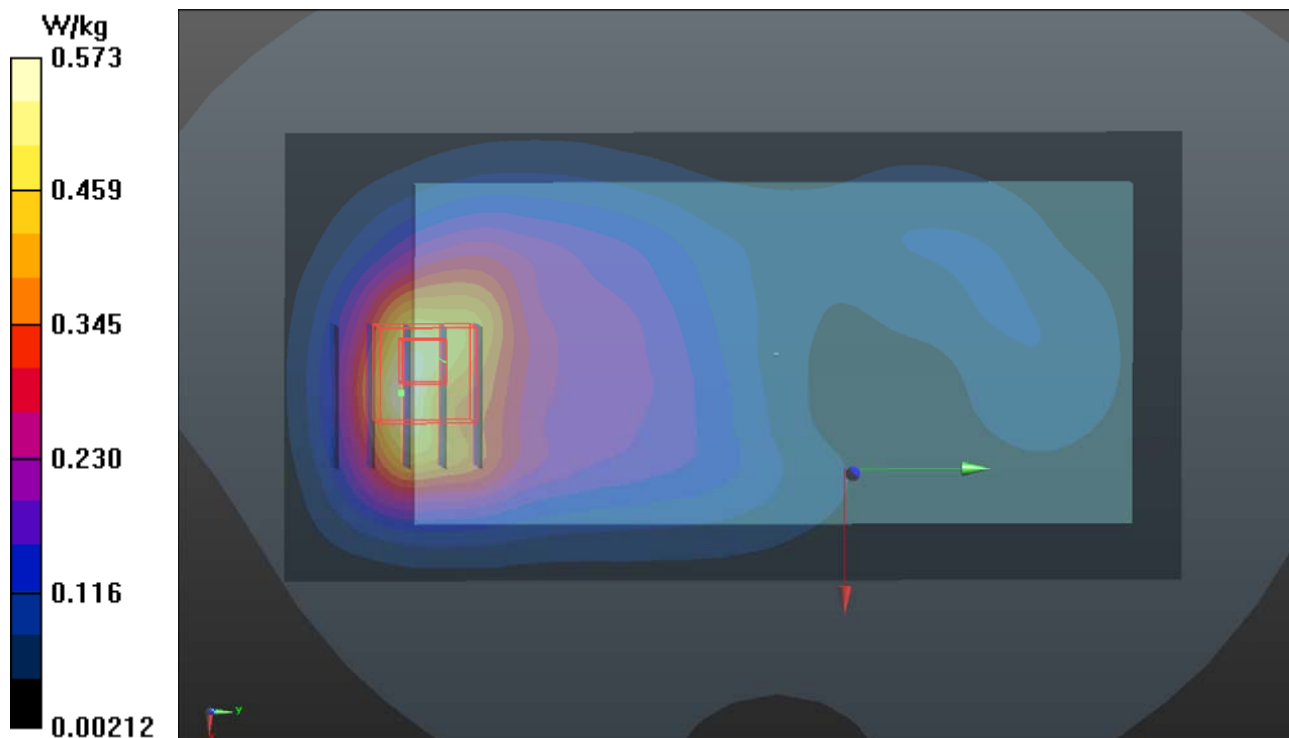
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.77 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.800 W/kg

SAR(1 g) = 0.455 W/kg; SAR(10 g) = 0.253 W/kg

Maximum value of SAR (measured) = 0.642 W/kg



P38 WLAN2.4G_802.11b_Rear Face_10mm_Ch6_Sample1_Ant0+1

DUT: 181001C06

Communication System: WLAN_2.4G; Frequency: 2437 MHz; Duty Cycle: 1:1.02

Medium: B19T27N4_1126 Medium parameters used: $f = 2437$ MHz; $\sigma = 2.003$ S/m; $\epsilon_r = 51.43$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.61, 7.61, 7.61); Calibrated: 2018/06/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2018/01/18
- Phantom: Twin SAM Phantom_1496; Type: QD000P40CA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

- **Area Scan (91x171x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.443 W/kg

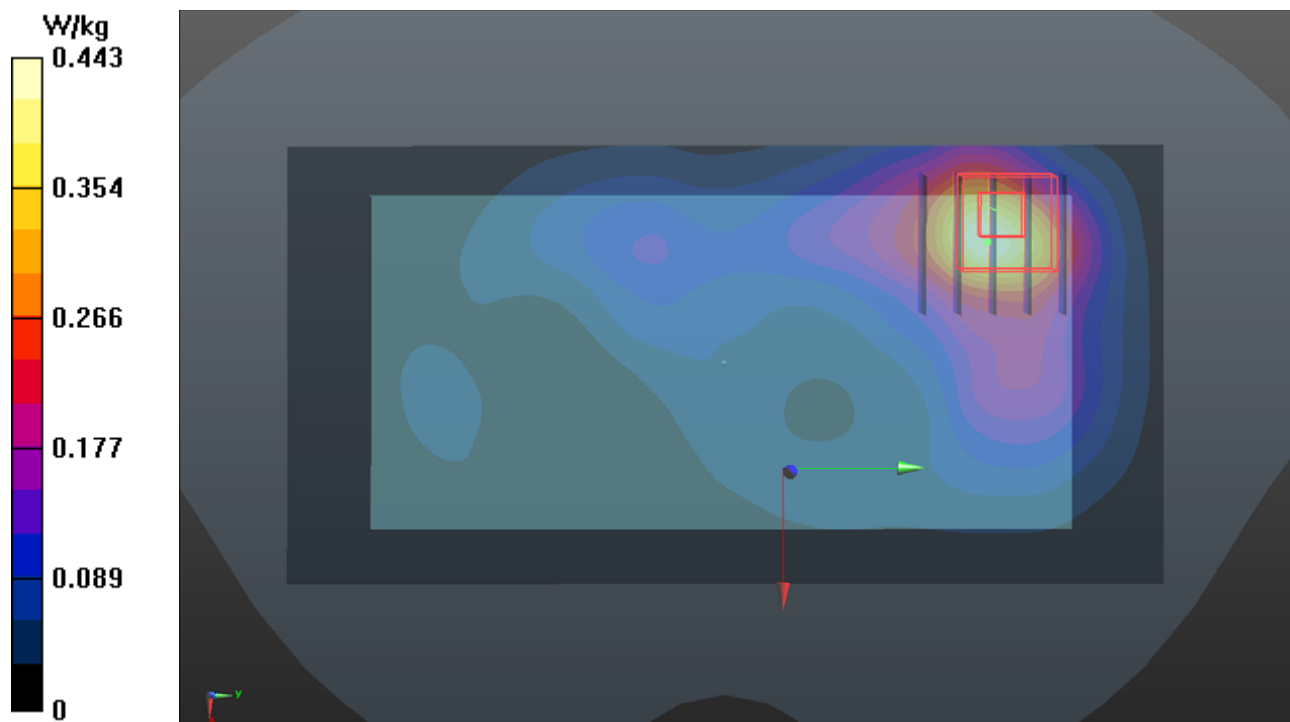
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.51 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.610 W/kg

SAR(1 g) = 0.308 W/kg; SAR(10 g) = 0.154 W/kg

Maximum value of SAR (measured) = 0.487 W/kg



P40 WLAN5.3G_802.11n HT40_Rear Face_10mm_Ch54_Sample1_Ant0+1

DUT: 181001C06

Communication System: WLAN_5G; Frequency: 5270 MHz; Duty Cycle: 1:1.05

Medium: B34T60N1_1126 Medium parameters used: $f = 5270$ MHz; $\sigma = 5.427$ S/m; $\epsilon_r = 47.347$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3898; ConvF(4.95, 4.95, 4.95); Calibrated: 2018/06/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2018/01/18
- Phantom: Twin SAM Phantom_1496; Type: QD000P40CA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

Maximum value of SAR (interpolated) = 0.893 W/kg

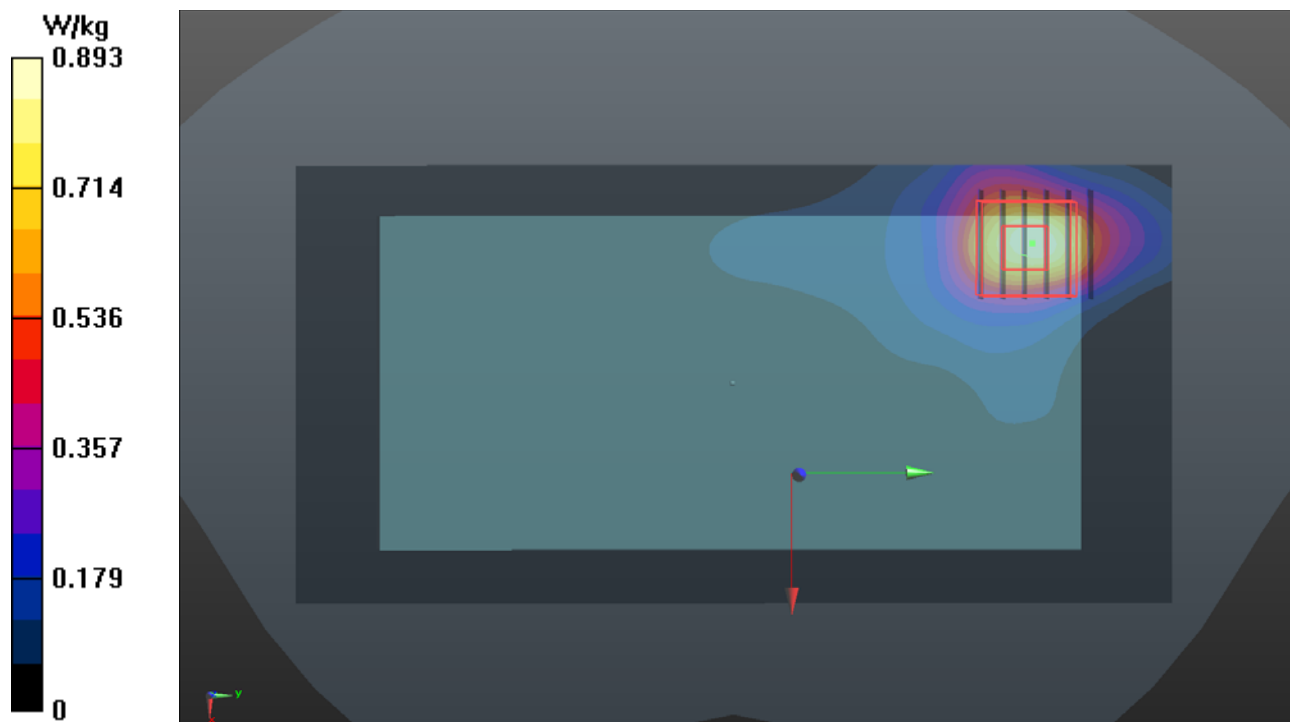
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 13.78 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.433 W/kg; SAR(10 g) = 0.178 W/kg

Maximum value of SAR (measured) = 0.881 W/kg



P41 WLAN5.6G_802.11ac VHT80_Rear Face_10mm_Ch138_Sample1_Ant0+1

DUT: 181001C06

Communication System: WLAN_5G; Frequency: 5690 MHz; Duty Cycle: 1:1.1

Medium: B34T60N1_1126 Medium parameters used: $f = 5690$ MHz; $\sigma = 6.006$ S/m; $\epsilon_r = 46.545$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3898; ConvF(4.45, 4.45, 4.45); Calibrated: 2018/06/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2018/01/18
- Phantom: Twin SAM Phantom_1496; Type: QD000P40CA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

Maximum value of SAR (interpolated) = 0.516 W/kg

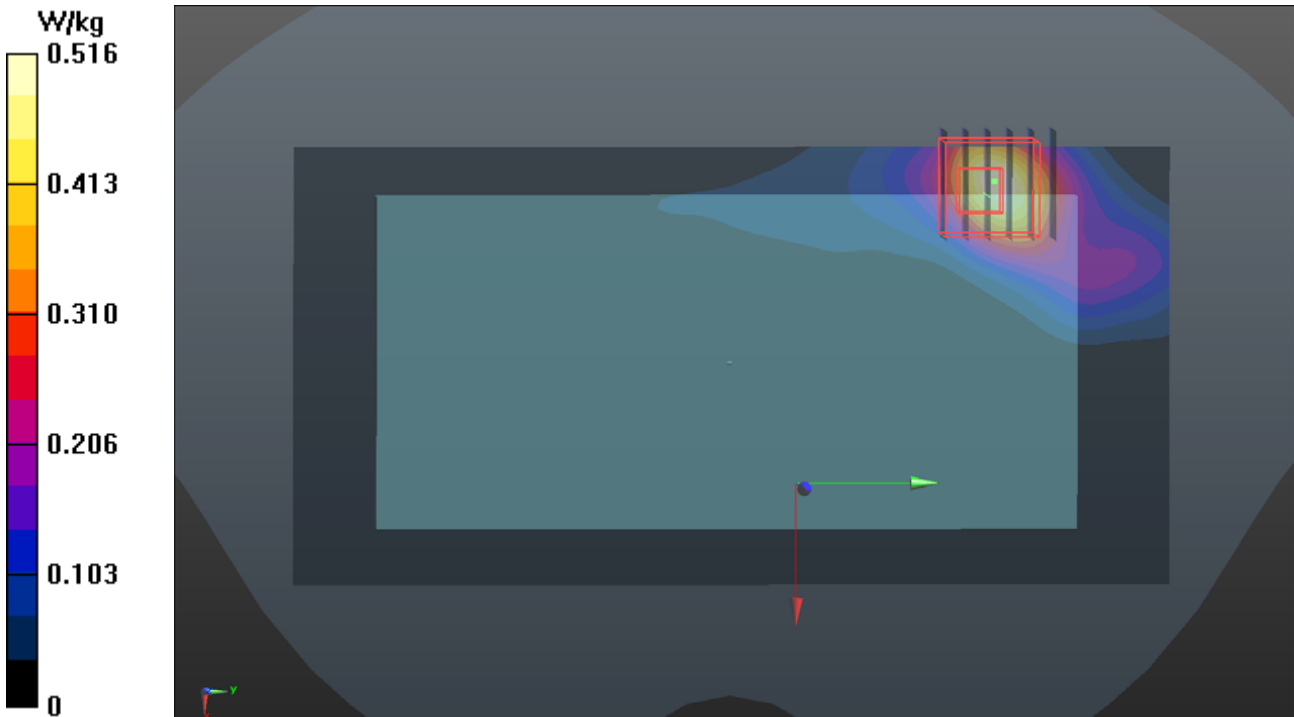
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 8.840 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.291 W/kg; SAR(10 g) = 0.091 W/kg

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



P42 WLAN5.8G_802.11ac VHT80_Rear Face_10mm_Ch155_Sample1_Ant1

DUT: 181001C06

Communication System: WLAN_5G; Frequency: 5775 MHz; Duty Cycle: 1:1.09

Medium: B34T60N1_1126 Medium parameters used: $f = 5775$ MHz; $\sigma = 6.141$ S/m; $\epsilon_r = 46.42$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3898; ConvF(4.45, 4.45, 4.45); Calibrated: 2018/06/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2018/01/18
- Phantom: Twin SAM Phantom_1496; Type: QD000P40CA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

Maximum value of SAR (interpolated) = 0.622 W/kg

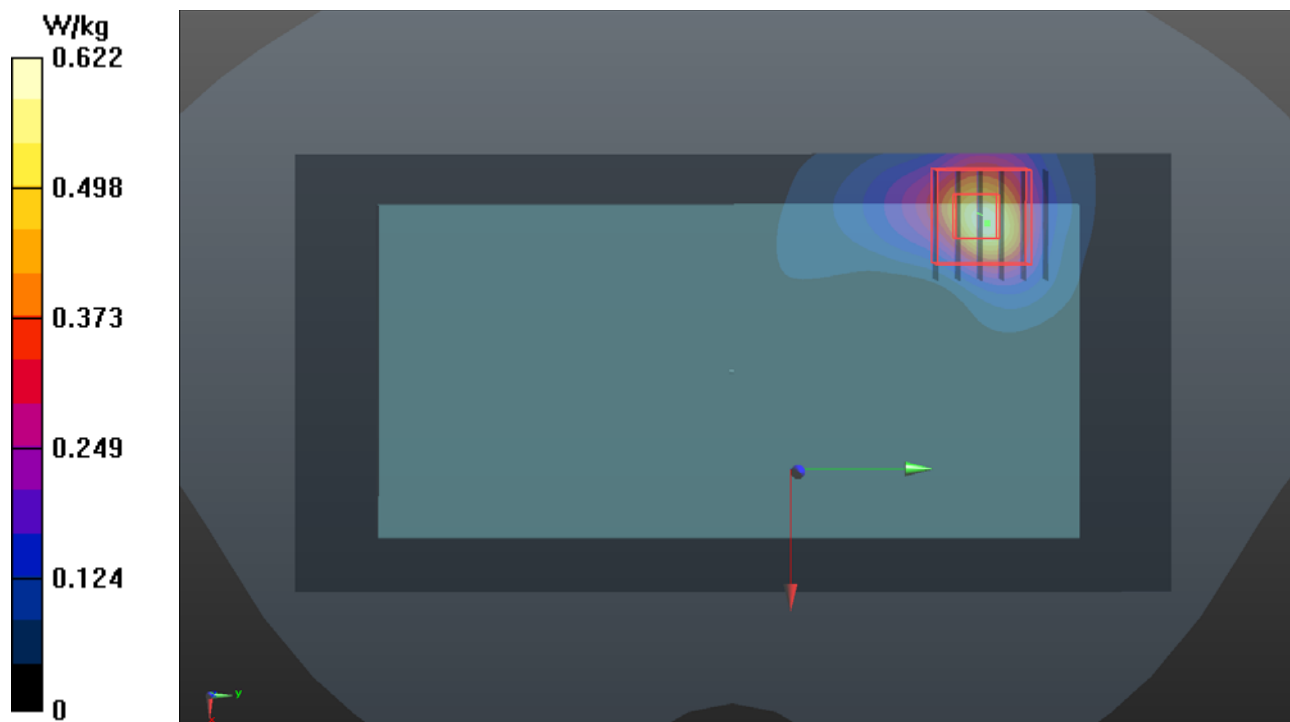
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 10.77 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.325 W/kg; SAR(10 g) = 0.102 W/kg

Maximum value of SAR (measured) = 0.777 W/kg



P43 BT_BDR_Rear Face_10mm_Ch39_Sample1_Ant0

DUT: 181001C06

Communication System: BT; Frequency: 2441 MHz; Duty Cycle: 1:1.31

Medium: B19T27N4_1126 Medium parameters used: $f = 2441$ MHz; $\sigma = 2.01$ S/m; $\epsilon_r = 51.419$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.61, 7.61, 7.61); Calibrated: 2018/06/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2018/01/18
- Phantom: Twin SAM Phantom_1496; Type: QD000P40CA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

- **Area Scan (91x171x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.199 W/kg

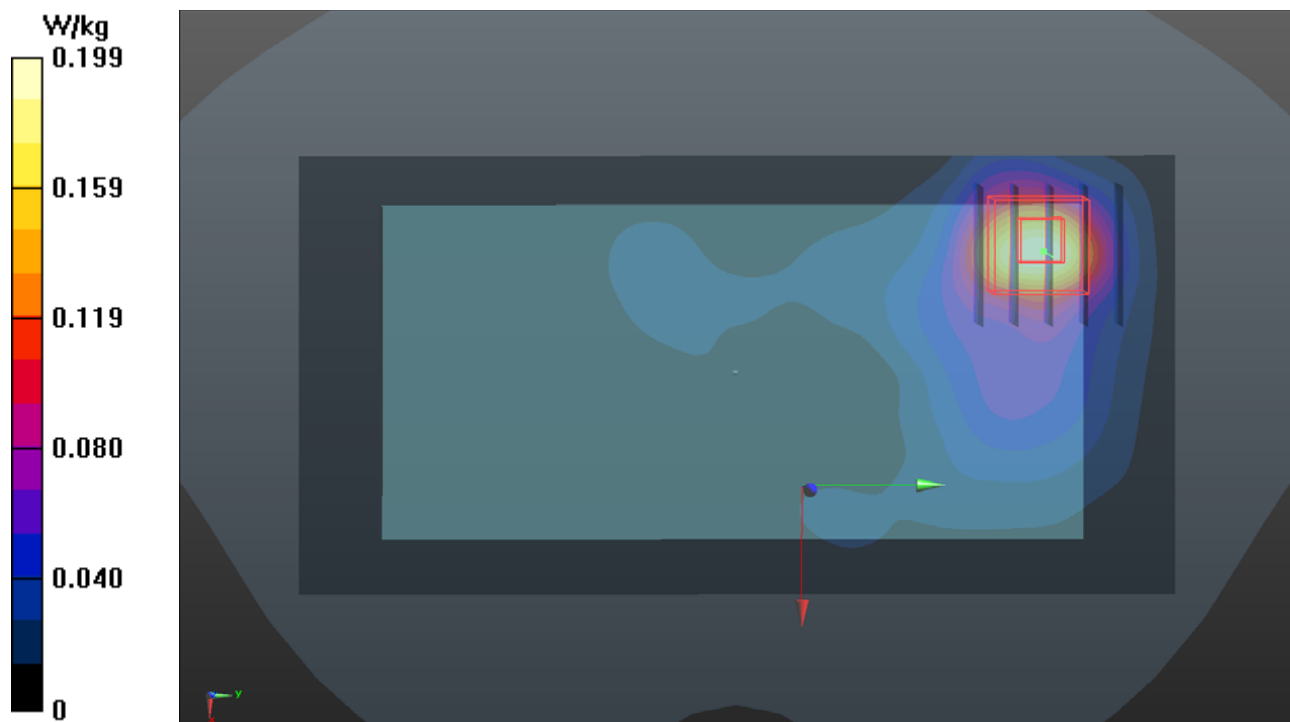
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.509 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.285 W/kg

SAR(1 g) = 0.141 W/kg; SAR(10 g) = 0.067 W/kg

Maximum value of SAR (measured) = 0.219 W/kg



P44 GSM1900_GPRS12_Bottom Side_10mm_Ch512_Smaple1_Ant0

DUT: 181001C06

Communication System: GPRS12; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: B16T20N1_1121 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.52$ S/m; $\epsilon_r = 52.012$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.89, 7.89, 7.89); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2018/08/27
- Phantom: Twin SAM Phantom_1822; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

Maximum value of SAR (interpolated) = 0.460 W/kg

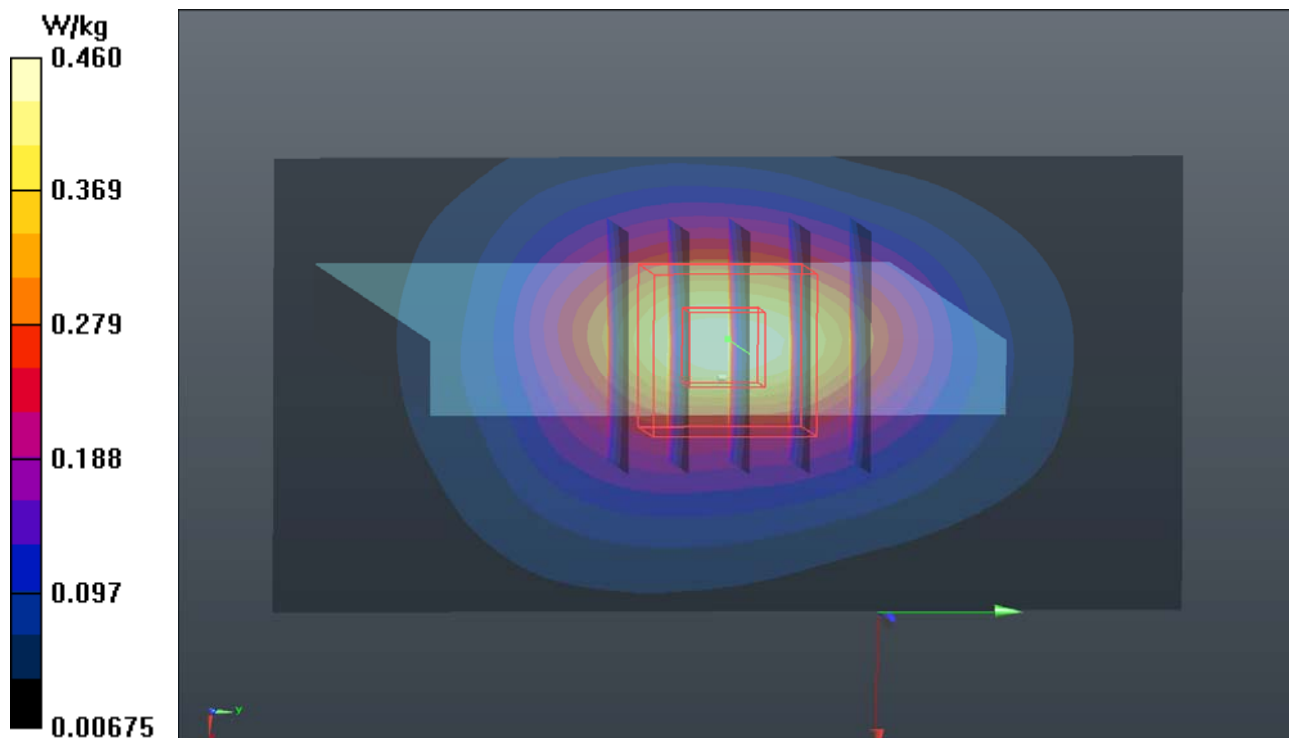
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.19 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.576 W/kg

SAR(1 g) = 0.327 W/kg; SAR(10 g) = 0.183 W/kg

Maximum value of SAR (measured) = 0.480 W/kg



P45 WCDMA II_RMC12.2K_Bottom Side_10mm_Ch9262_Smample1_Ant0

DUT: 181001C06

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

Medium: B16T20N1_1121 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.522$ S/m; $\epsilon_r = 52.011$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.89, 7.89, 7.89); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2018/08/27
- Phantom: Twin SAM Phantom_1822; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

Maximum value of SAR (interpolated) = 1.09 W/kg

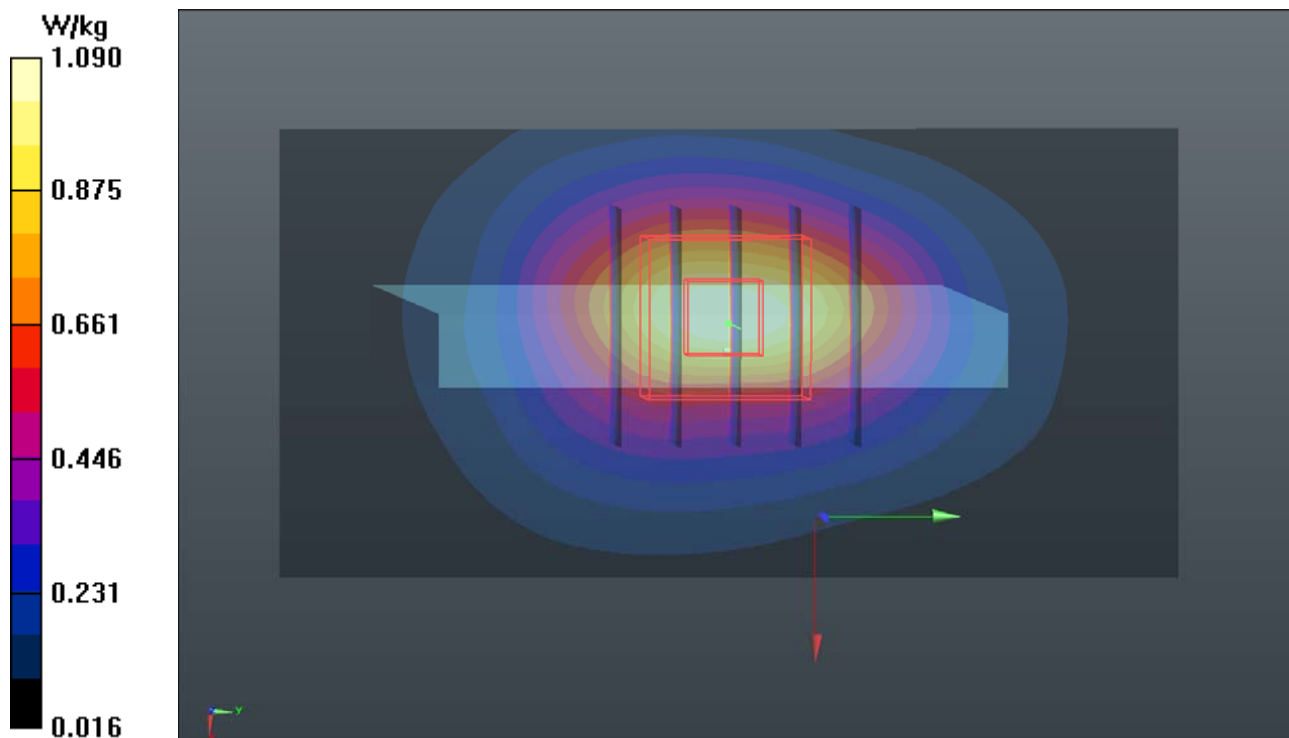
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.34 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.769 W/kg; SAR(10 g) = 0.430 W/kg

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



P46 WCDMA IV_RMC12.2K_Bottom Side_10mm_Ch1312_Smaple1_Ant0

DUT: 181001C06

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

Medium: B16T20N1_1121 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 52.391$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.2, 8.2, 8.2); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2018/08/27
- Phantom: Twin SAM Phantom_1822; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

Maximum value of SAR (interpolated) = 1.00 W/kg

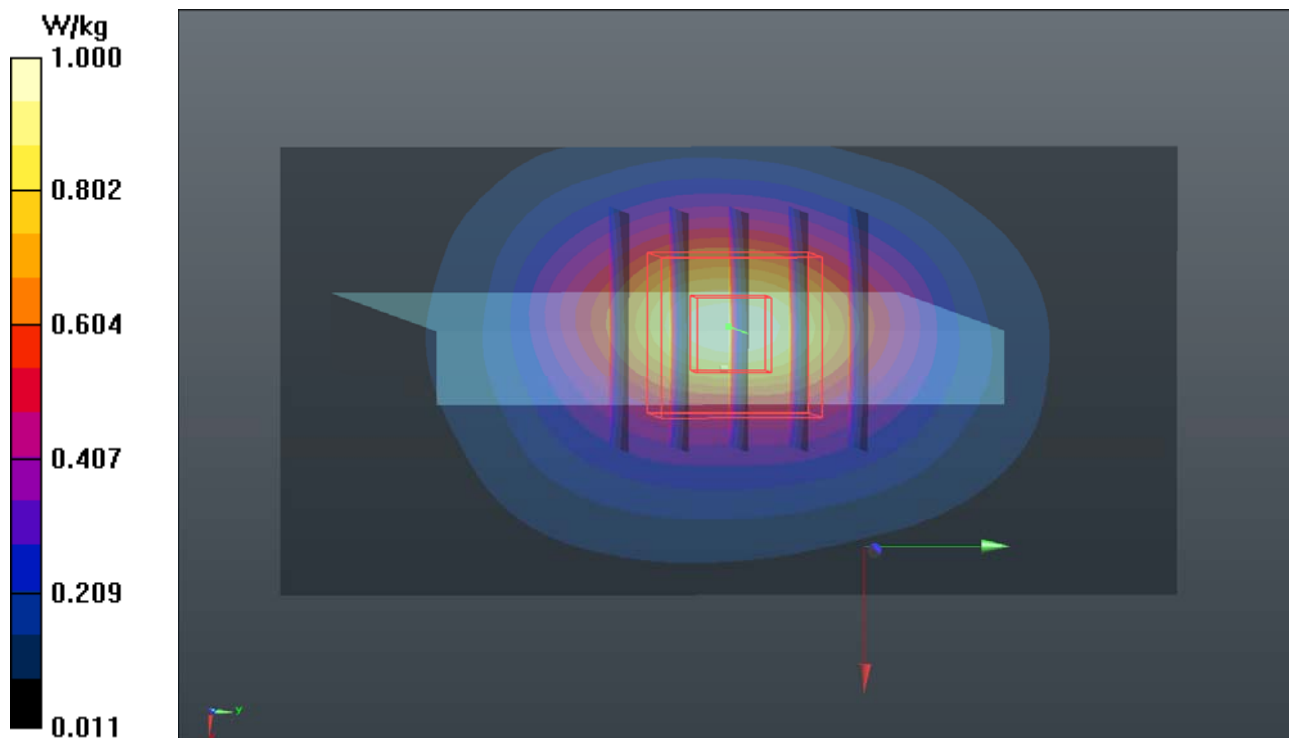
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.51 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.710 W/kg; SAR(10 g) = 0.397 W/kg

Maximum value of SAR (measured) = 1.04 W/kg



P47 CDMA BC1_RTAP153.6_Bottom Side_10mm_Ch25_Smample1_Ant0

DUT: 181001C06

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

Medium: B16T20N1_1121 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.521$ S/m; $\epsilon_r = 52.011$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.89, 7.89, 7.89); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2018/08/27
- Phantom: Twin SAM Phantom_1822; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

Maximum value of SAR (interpolated) = 0.994 W/kg

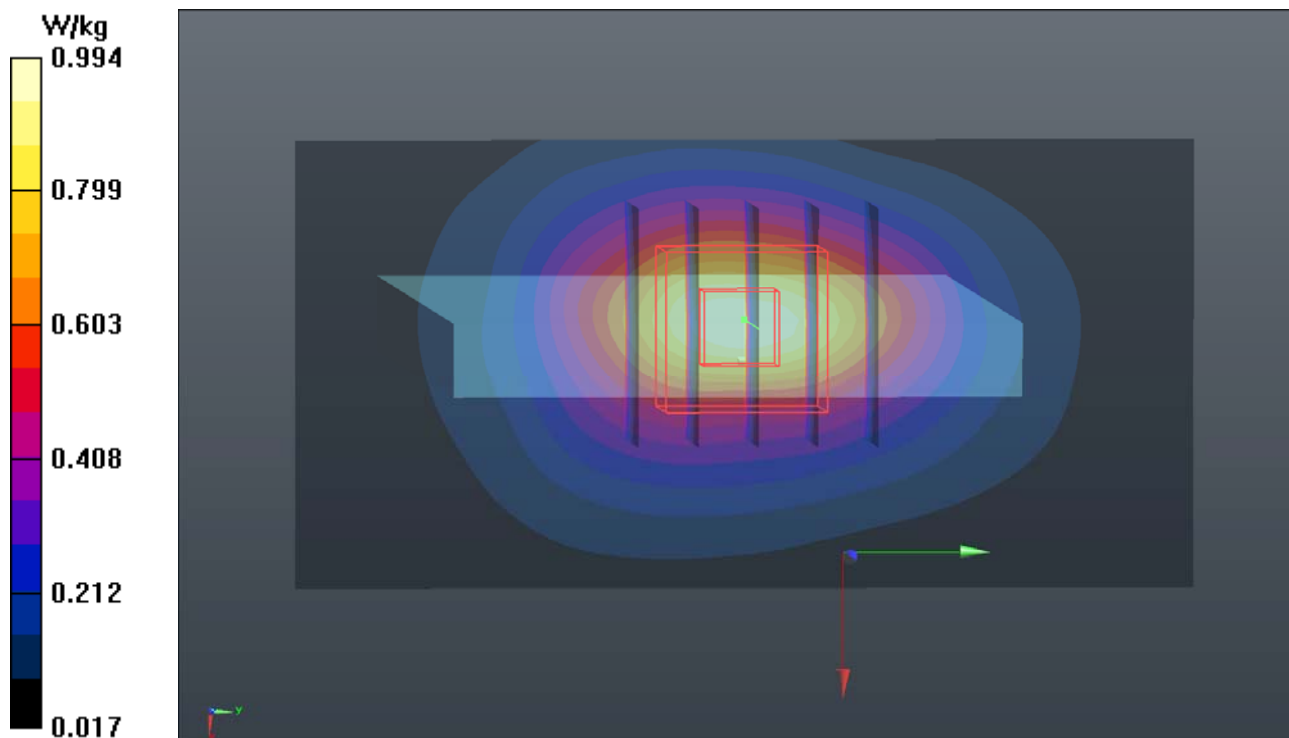
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.03 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.691 W/kg; SAR(10 g) = 0.384 W/kg

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



P48 LTE 25_QPSK20M_Bottom Side_10mm_Ch26410_1RB_SO50_Smapple1_Ant0

DUT: 181001C06

Communication System: LTE; Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: B16T20N1_1121 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.528$ S/m; $\epsilon_r = 52.016$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.89, 7.89, 7.89); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2018/08/27
- Phantom: Twin SAM Phantom_1822; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

Maximum value of SAR (interpolated) = 0.979 W/kg

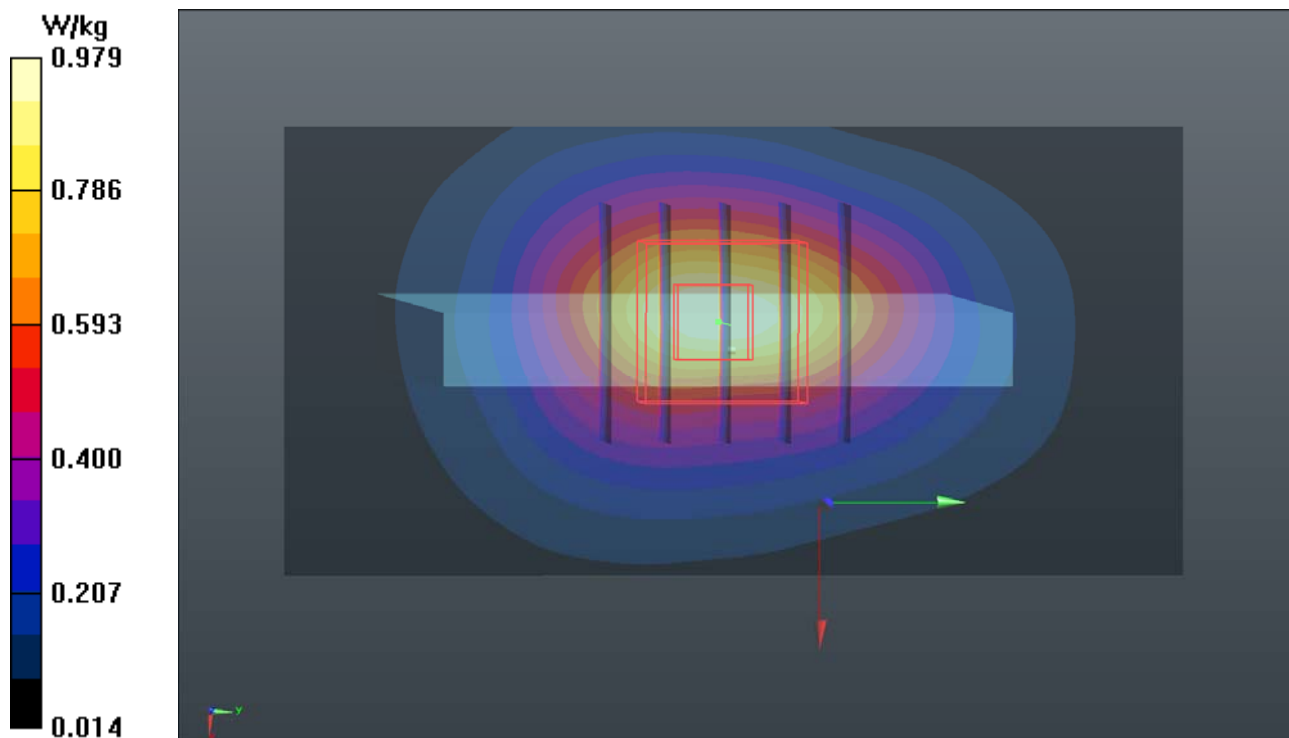
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.43 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.690 W/kg; SAR(10 g) = 0.386 W/kg

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



P49 LTE 66_QPSK20M_Bottom Side_10mm_Ch132072_1RB_SO0_Smapple1_Ant0

DUT: 181001C06

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

Medium: B16T20N1_1121 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.41$ S/m; $\epsilon_r = 52.374$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.2, 8.2, 8.2); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2018/08/27
- Phantom: Twin SAM Phantom_1822; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

Maximum value of SAR (interpolated) = 1.09 W/kg

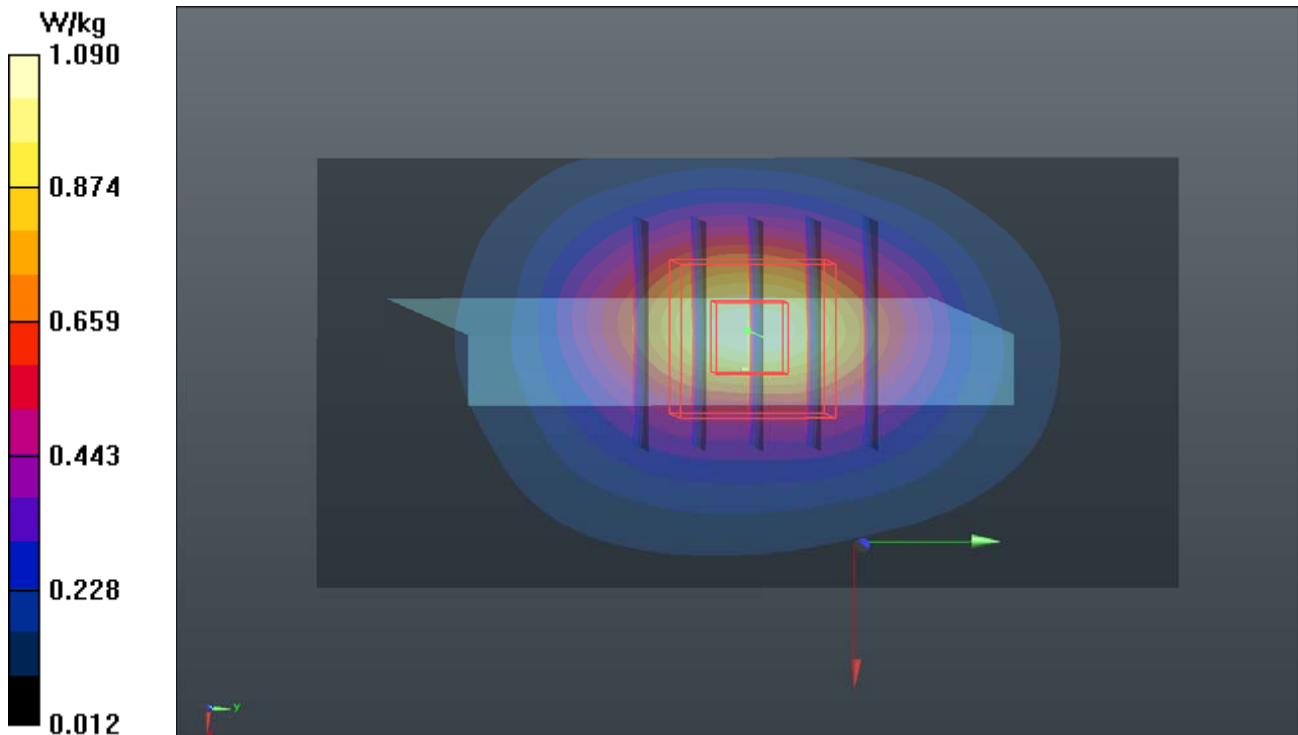
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.56 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.764 W/kg; SAR(10 g) = 0.427 W/kg

Maximum value of SAR (measured) = 1.12 W/kg



P39 WLAN5.2G_802.11n HT40_Rear Face_10mm_Ch46_Sample1_Ant0+1

DUT: 181001C06

Communication System: WLAN_5G; Frequency: 5230 MHz; Duty Cycle: 1:1.05

Medium: B34T60N1_1122 Medium parameters used: $f = 5230$ MHz; $\sigma = 5.324$ S/m; $\epsilon_r = 49.222$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3898; ConvF(4.95, 4.95, 4.95); Calibrated: 2018/06/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2018/01/18
- Phantom: Twin SAM Phantom_1496; Type: QD000P40CA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

Maximum value of SAR (interpolated) = 0.855 W/kg

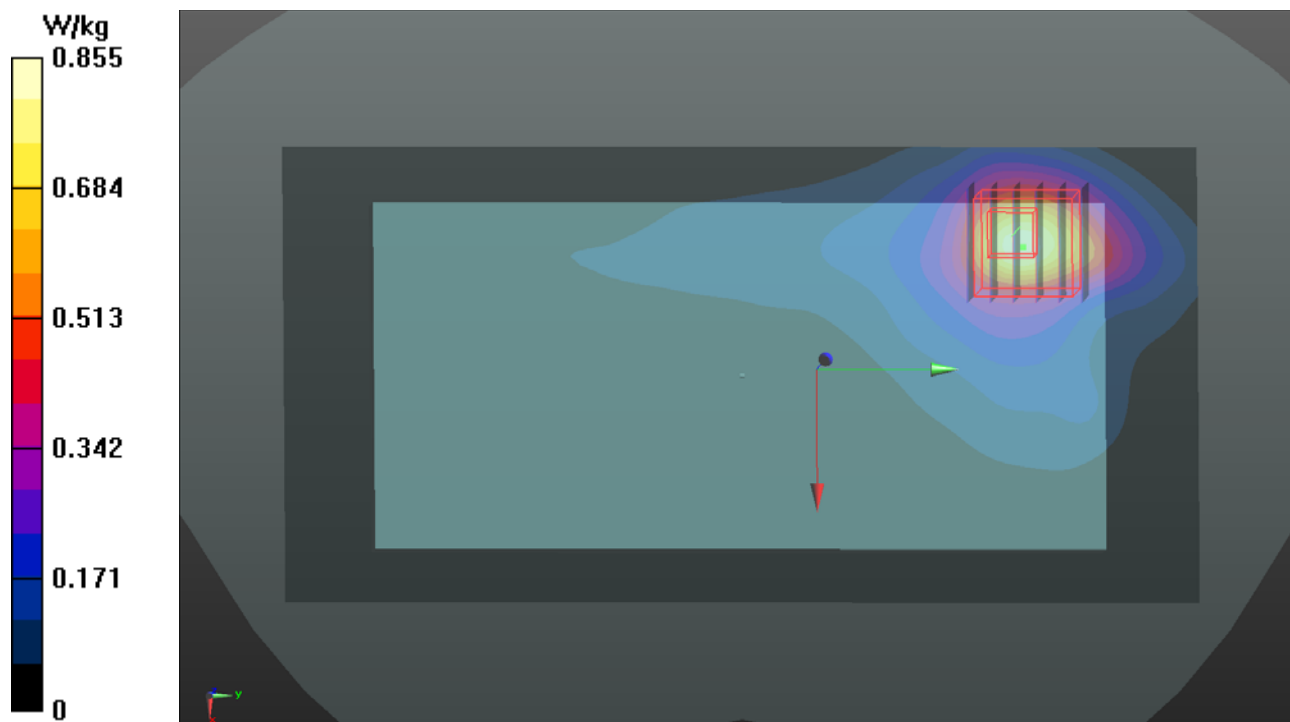
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 14.39 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.387 W/kg; SAR(10 g) = 0.163 W/kg

Maximum value of SAR (measured) = 0.805 W/kg



P50 WLAN5.3G_802.11n HT40_Rear Face_0mm_Ch54_Sample1_Ant0+1

DUT: 181001C06

Communication System: WLAN_5G; Frequency: 5270 MHz; Duty Cycle: 1:1.05

Medium: B34T60N1_1126 Medium parameters used: $f = 5270$ MHz; $\sigma = 5.427$ S/m; $\epsilon_r = 47.347$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3898; ConvF(4.95, 4.95, 4.95); Calibrated: 2018/06/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2018/01/18
- Phantom: Twin SAM Phantom_1496; Type: QD000P40CA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

Maximum value of SAR (interpolated) = 5.85 W/kg

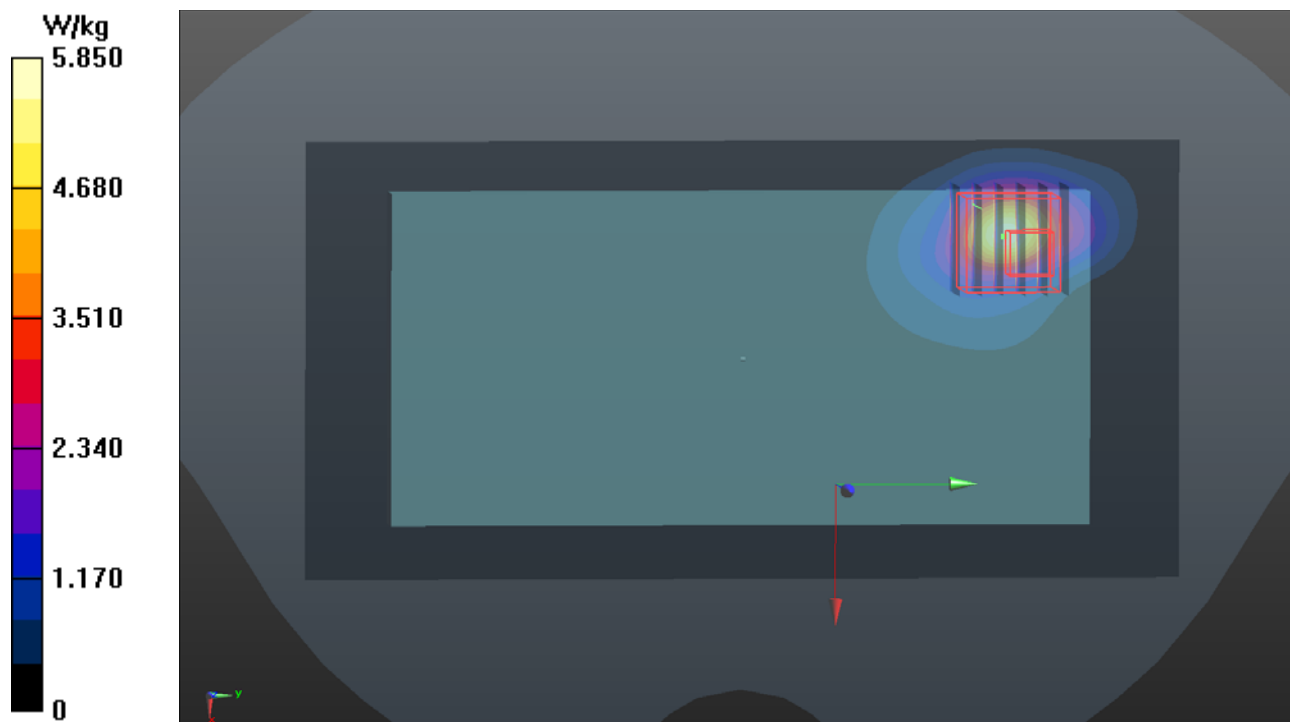
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 37.06 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 20.0 W/kg

SAR(1 g) = 4.02 W/kg; SAR(10 g) = 1.43 W/kg

Maximum value of SAR (measured) = 11.0 W/kg



P51 WLAN5.6G_802.11ac VHT80_Rear Face_0mm_Ch138_Sample1_Ant0+1

DUT: 181001C06

Communication System: WLAN_5G; Frequency: 5690 MHz; Duty Cycle: 1:1.1

Medium: B34T60N1_1126 Medium parameters used: $f = 5690$ MHz; $\sigma = 6.006$ S/m; $\epsilon_r = 46.545$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3898; ConvF(4.45, 4.45, 4.45); Calibrated: 2018/06/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2018/01/18
- Phantom: Twin SAM Phantom_1496; Type: QD000P40CA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

Maximum value of SAR (interpolated) = 11.7 W/kg

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

Reference Value = 50.41 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 31.5 W/kg

SAR(1 g) = 5.15 W/kg; SAR(10 g) = 1.23 W/kg

Maximum value of SAR (measured) = 16.7 W/kg

