



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_GPRS8_Right Cheek_Ch189_Ant1_Reduction_w_o

DUT: 171102C30

Communication System: GPRS8; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: H07T10N2_1124 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.939$ S/m; $\epsilon_r = 42.57$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.91, 9.91, 9.91); Calibrated: 2017/07/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2017/07/20
- 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) = 1.28 W/kg

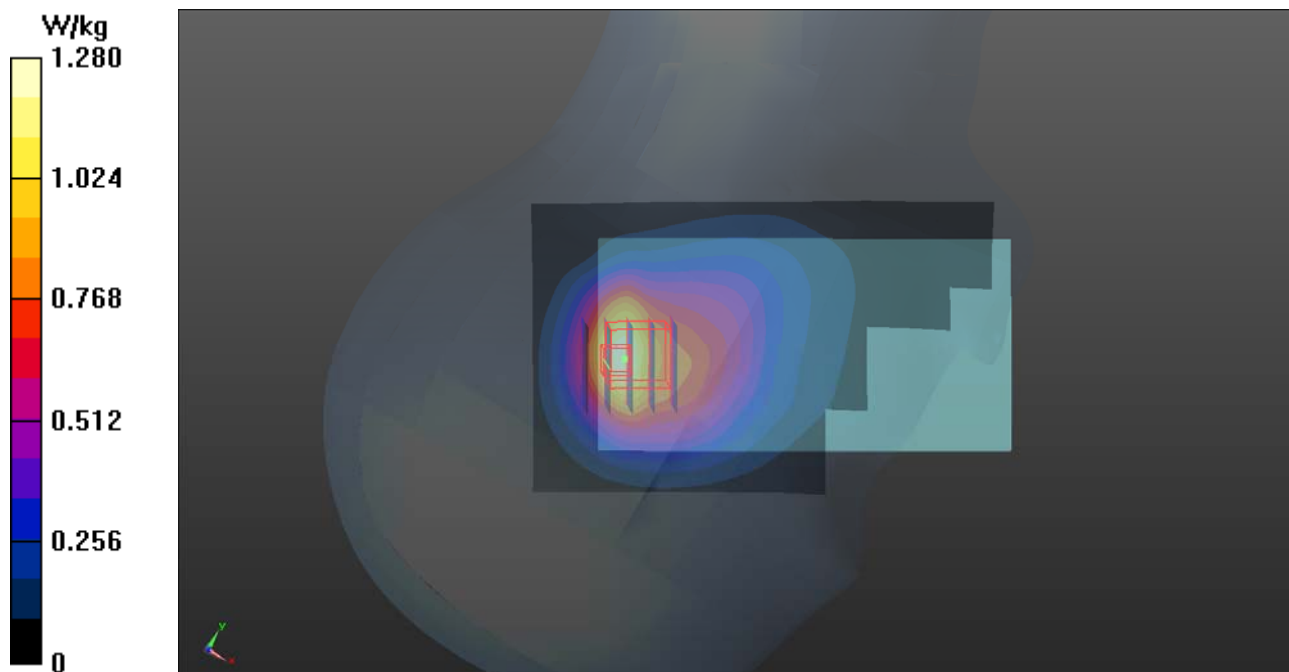
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.03 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 0.845 W/kg; SAR(10 g) = 0.547 W/kg

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



P02 GSM1900_GPRS8_Left Cheek_Ch661_Ant0_Reduction_w_o

DUT: 171102C30

Communication System: GPRS8; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: H16T20N1_1118 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.446$ S/m; $\epsilon_r = 38.304$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.59, 8.59, 8.59); Calibrated: 2017/03/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2017/05/22
- 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) = 0.0893 W/kg

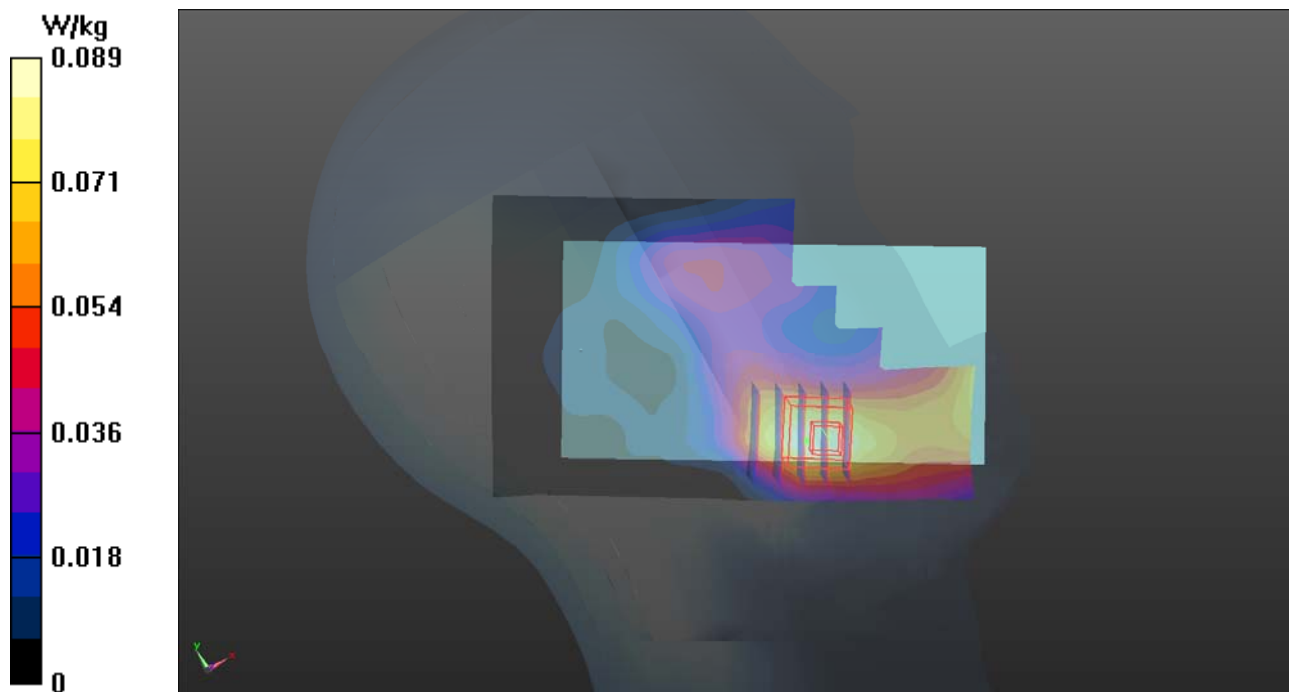
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.591 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.109 W/kg

SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.049 W/kg

Maximum value of SAR (measured) = 0.0993 W/kg



P03 WCDMA II_RMC12.2K_Right Cheek_Ch9400_Ant0_Reduction_w_o

DUT: 171102C30

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

Medium: H16T20N1_1118 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.446$ S/m; $\epsilon_r = 38.304$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.59, 8.59, 8.59); Calibrated: 2017/03/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2017/05/22
- 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) = 0.239 W/kg

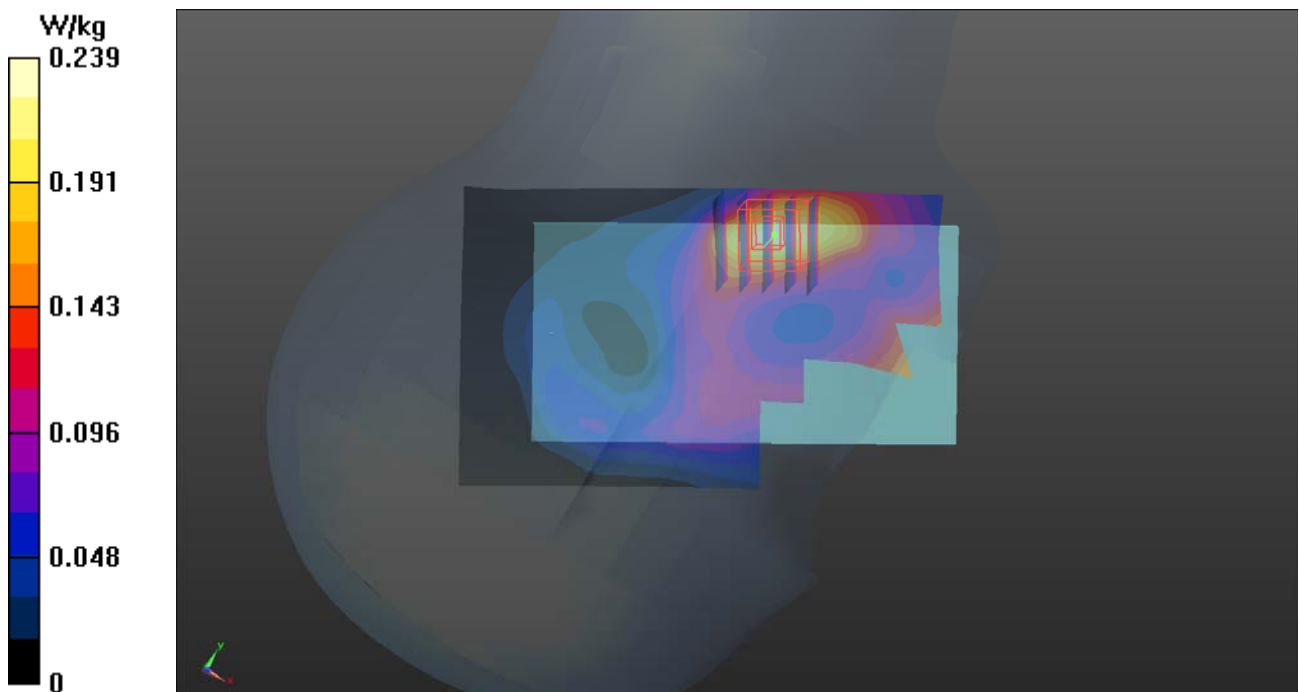
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.62 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.267 W/kg

SAR(1 g) = 0.176 W/kg; SAR(10 g) = 0.117 W/kg

Maximum value of SAR (measured) = 0.234 W/kg



P04 WCDMA IV_RMC12.2K_Right Cheek_Ch1413_Ant0_Reduction_w_o

DUT: 171102C30

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

Medium: H16T20N1_1118 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.318$ S/m; $\epsilon_r = 38.81$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.92, 8.92, 8.92); Calibrated: 2017/03/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2017/05/22
- 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) = 0.208 W/kg

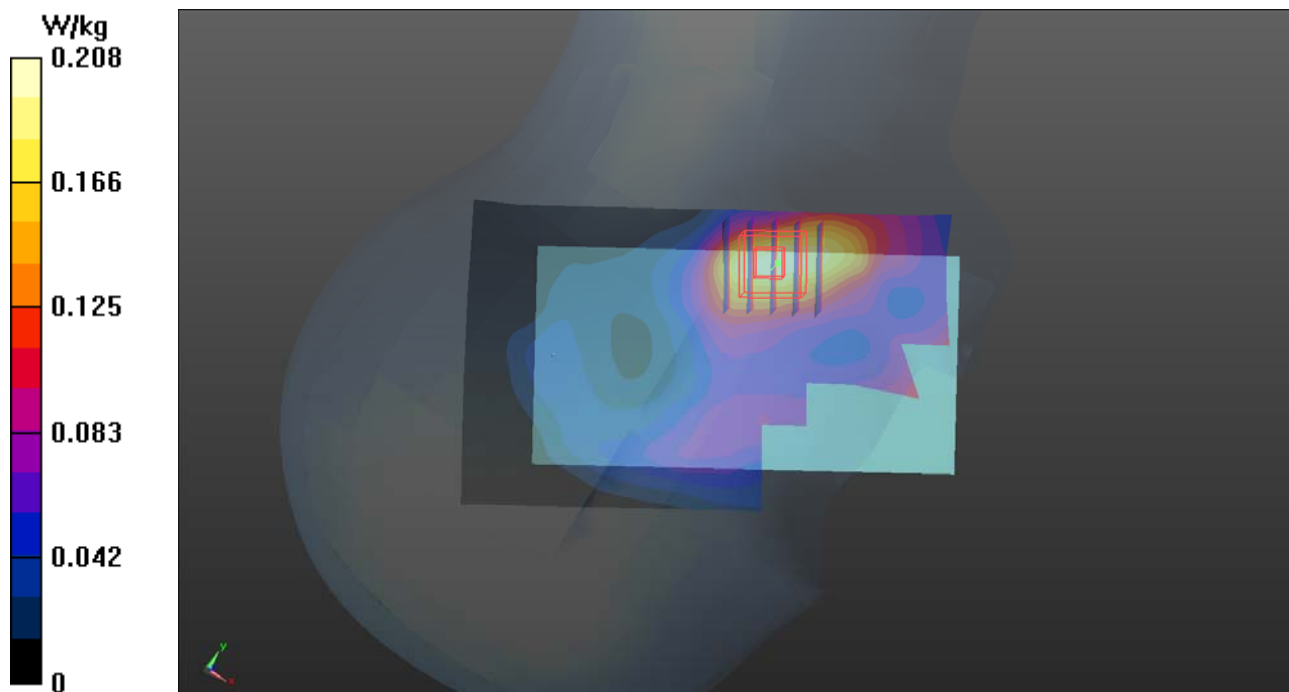
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.03 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.235 W/kg

SAR(1 g) = 0.168 W/kg; SAR(10 g) = 0.116 W/kg

Maximum value of SAR (measured) = 0.213 W/kg



P05 WCDMA V_RMC12.2K_Left Cheek_Ch4182_Ant1_Reduction_w_o

DUT: 171102C30

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: H07T10N2_1124 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.939$ S/m; $\epsilon_r = 42.57$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.91, 9.91, 9.91); Calibrated: 2017/07/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2017/07/20
- Phantom: Twin SAM Phantom_1822; 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) = 1.62 W/kg

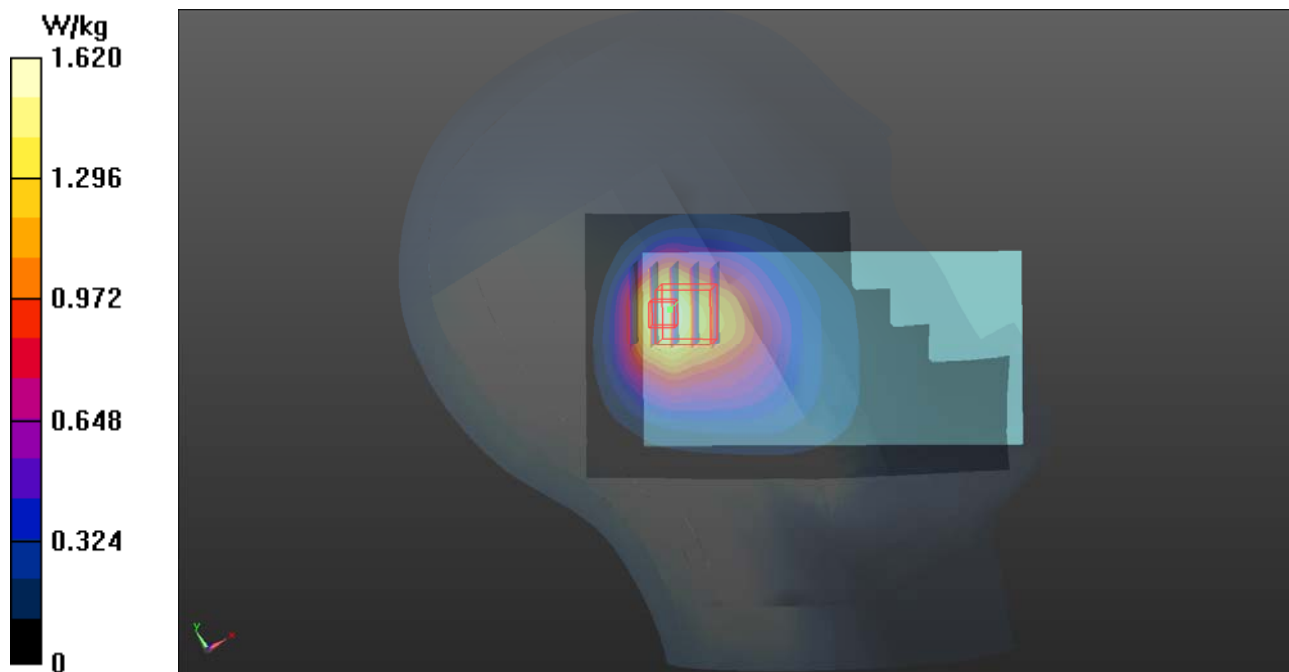
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 40.15 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.06 W/kg

SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.819 W/kg

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



P06 LTE 2_QPSK20M_Right Cheek_Ch18900_Ant0_Reduction_w_o_1RB_OS0

DUT: 171102C30

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

Medium: H16T20N1_1118 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.446$ S/m; $\epsilon_r = 38.304$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.59, 8.59, 8.59); Calibrated: 2017/03/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2017/05/22
- 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) = 0.160 W/kg

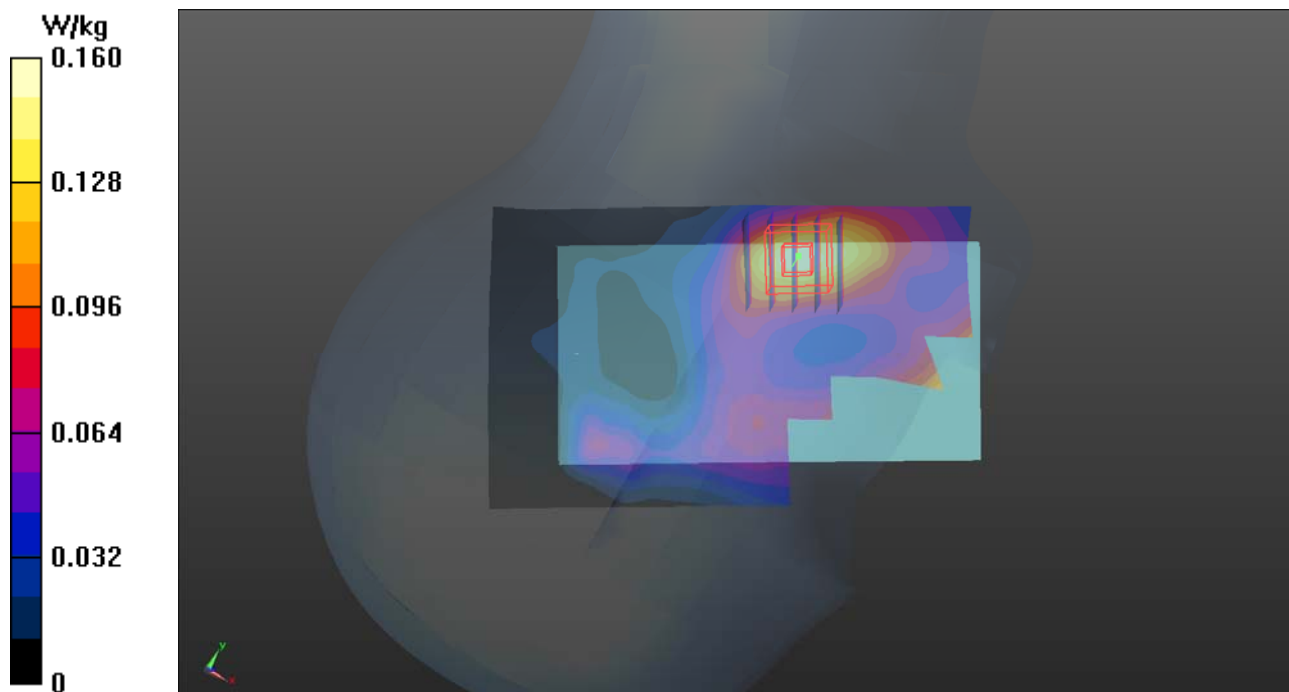
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.768 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.179 W/kg

SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.077 W/kg

Maximum value of SAR (measured) = 0.159 W/kg



P07 LTE 4_QPSK20M_Right Cheek_Ch20175_Ant0_Reduction_w_o_1RB_OS0

DUT: 171102C30

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

Medium: H16T20N1_1118 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.318$ S/m; $\epsilon_r = 38.812$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.92, 8.92, 8.92); Calibrated: 2017/03/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2017/05/22
- 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) = 0.153 W/kg

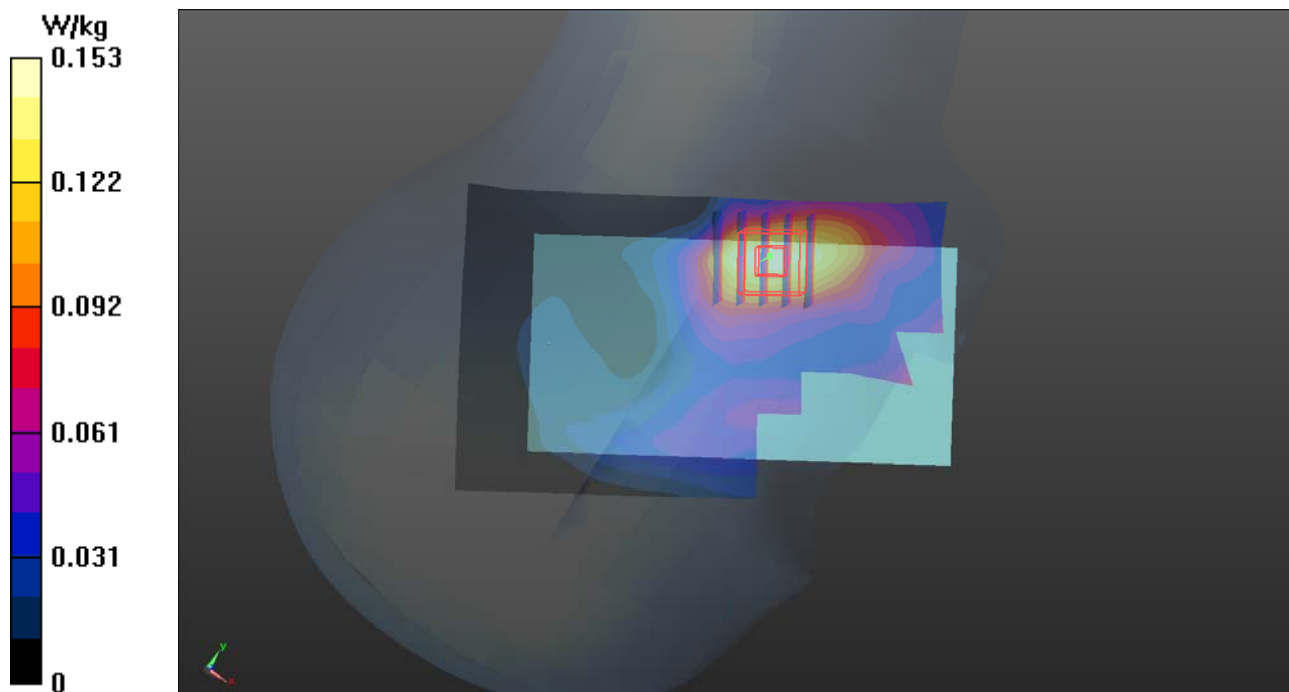
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.11 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.168 W/kg

SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.079 W/kg

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



P08 LTE 5_QPSK10M_Left Cheek_Ch20600_Ant1_Reduction_w_o_1RB_OS0

DUT: 171102C30

Communication System: LTE; Frequency: 844 MHz; Duty Cycle: 1:1

Medium: H07T10N2_1121 Medium parameters used: $f = 844 \text{ MHz}$; $\sigma = 0.928 \text{ S/m}$; $\epsilon_r = 41.359$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7375; ConvF(9.73, 9.73, 9.73); Calibrated: 2016/12/08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2017/08/17
- 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) = 1.51 W/kg

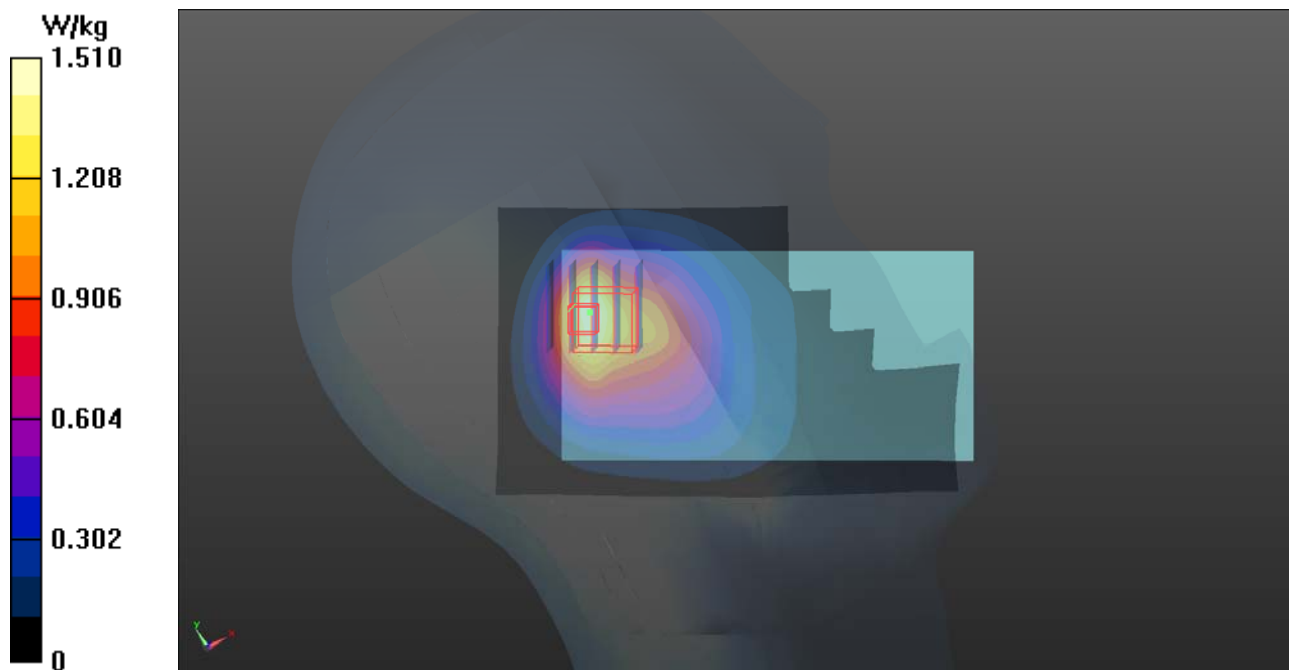
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 39.42 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 2.08 W/kg

SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.670 W/kg

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



P09 LTE 7_QPSK20M_Right Cheek_Ch21100_Ant0_Reduction_w_o_1RB_OS0

DUT: 171102C30

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

Medium: H19T27N1_1121 Medium parameters used: $f = 2535$ MHz; $\sigma = 1.942$ S/m; $\epsilon_r = 38.422$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7375; ConvF(7.27, 7.27, 7.27); Calibrated: 2016/12/08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2017/08/17
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

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

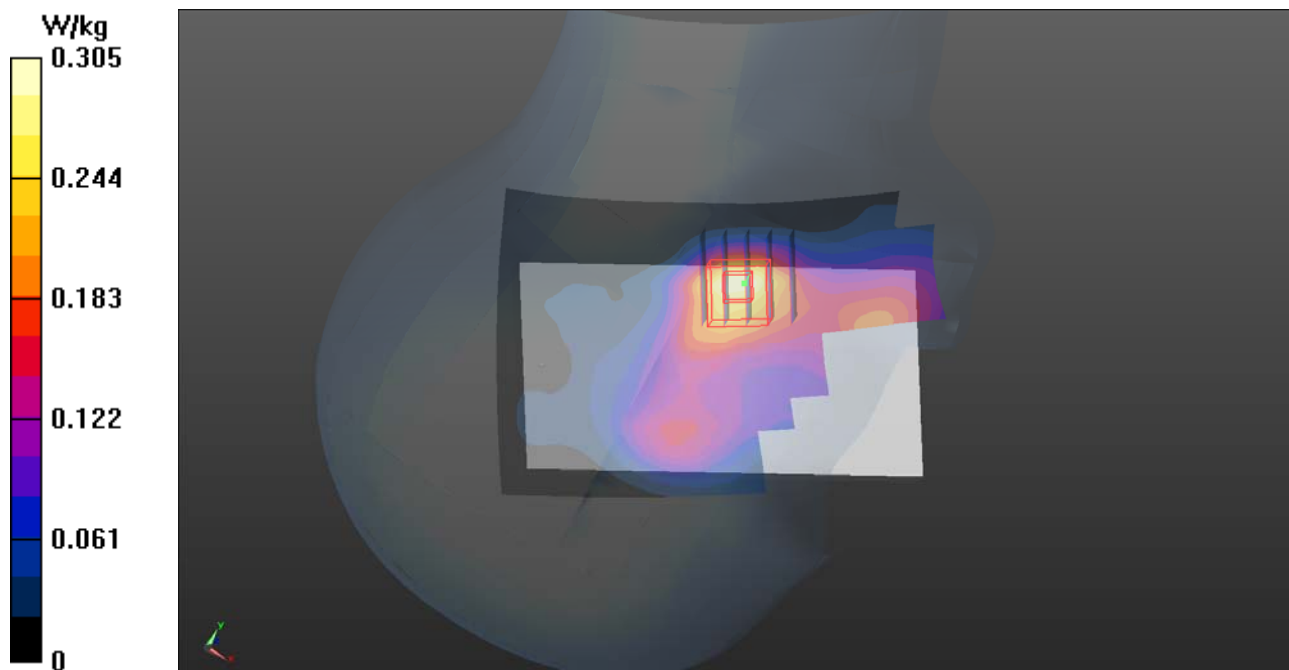
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.31 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.326 W/kg

SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.112 W/kg

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



P10 LTE 12_QPSK10M_Left Tilted_Ch23130_Ant1_Reduction_w_o_1RB_OS0

DUT: 171102C30

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

Medium: H06T09N1_1121 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.859 \text{ S/m}$; $\epsilon_r = 41.807$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.6 \text{ }^\circ\text{C}$; Liquid Temperature : $23.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN7375; ConvF(9.9, 9.9, 9.9); Calibrated: 2016/12/08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2017/08/17
- 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) = 0.842 W/kg

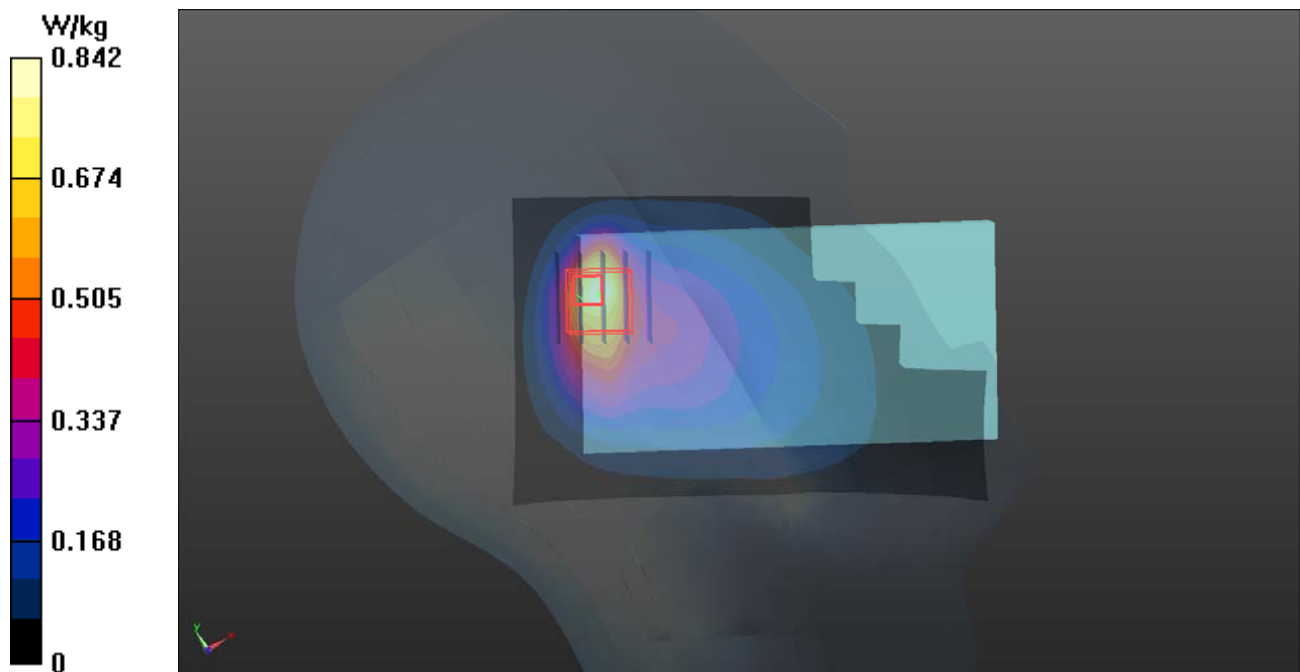
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 30.87 V/m ; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.04 W/kg

SAR(1 g) = 0.636 W/kg ; SAR(10 g) = 0.318 W/kg

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



P11 LTE 17_QPSK10M_Left Tilted_Ch23780_Ant1_Reduction_w_o_1RB_OS0

DUT: 171102C30

Communication System: LTE; Frequency: 709 MHz; Duty Cycle: 1:1

Medium: H06T09N1_1121 Medium parameters used: $f = 709 \text{ MHz}$; $\sigma = 0.857 \text{ S/m}$; $\epsilon_r = 41.832$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7375; ConvF(9.9, 9.9, 9.9); Calibrated: 2016/12/08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2017/08/17
- 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) = 0.947 W/kg

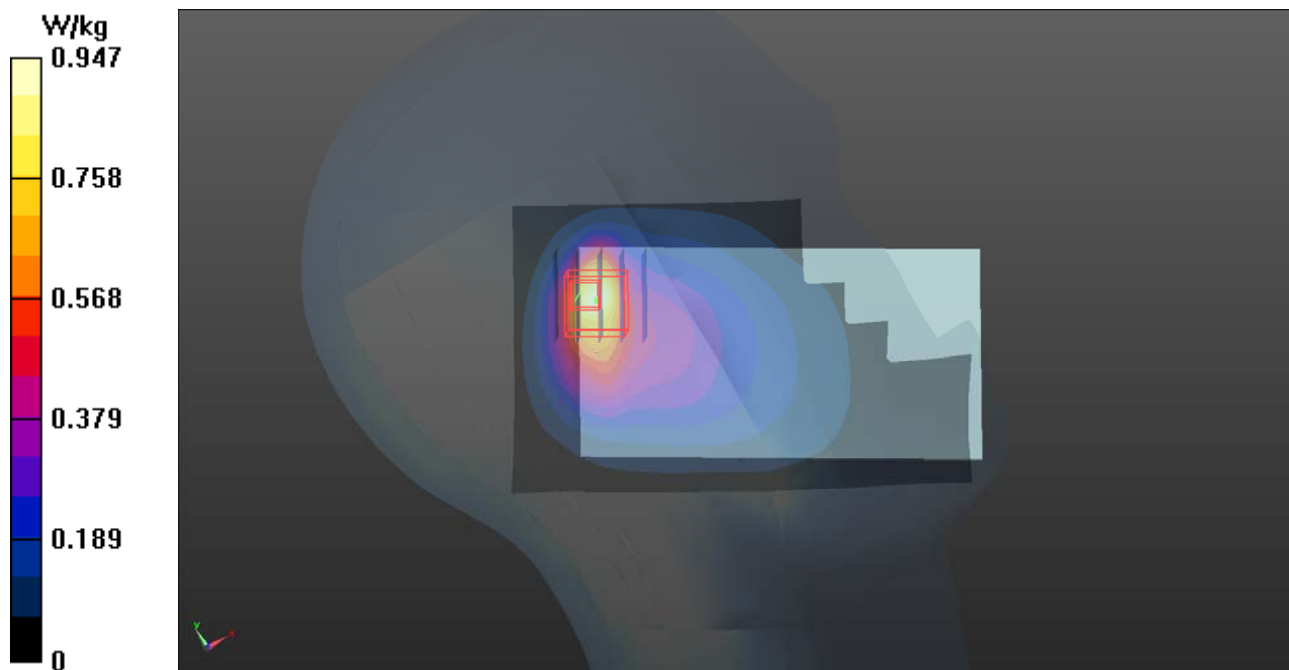
- **Zoom Scan (5x5x7)/Cube 0**: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 32.46 V/m ; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.24 W/kg

SAR(1 g) = 0.703 W/kg ; SAR(10 g) = 0.353 W/kg

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



P12 WLAN2.4G_802.11b_Right Cheek_Ch11

DUT: 171102C30

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

Medium: H19T27N2_1126 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.884$ S/m; $\epsilon_r = 37.913$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.58, 7.58, 7.58); Calibrated: 2017/07/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2017/07/20
- Phantom: Twin SAM Phantom_1822; 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) = 0.890 W/kg

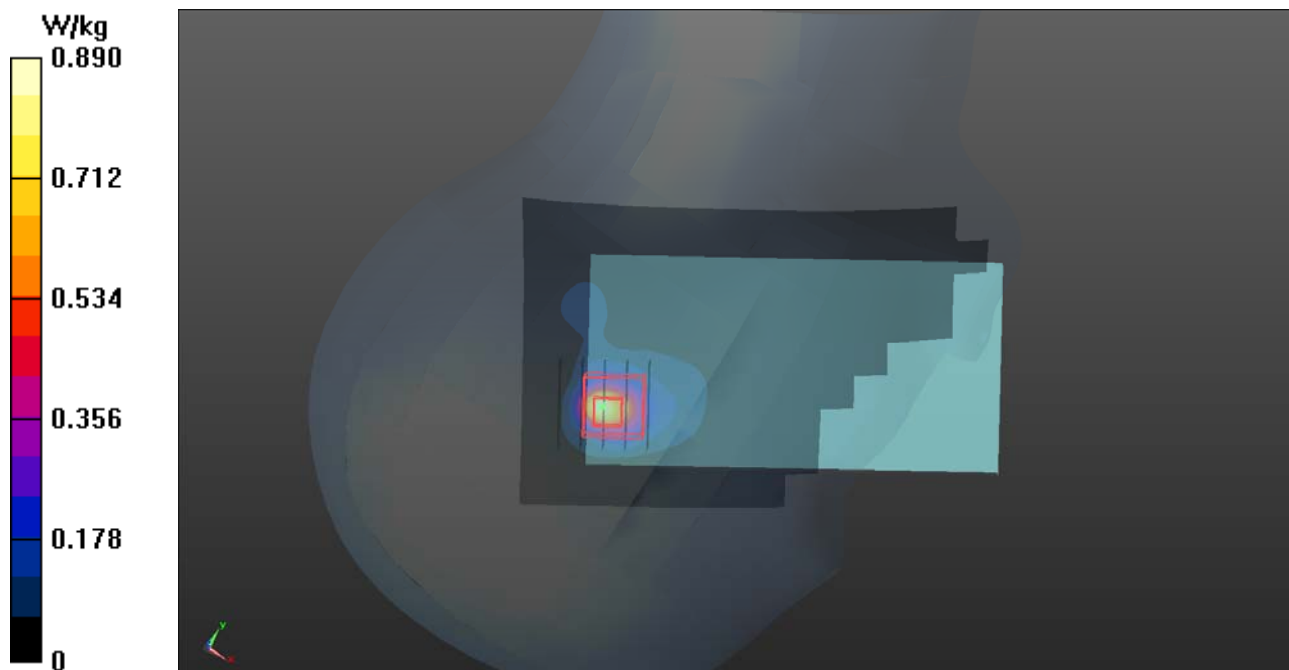
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.42 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.491 W/kg; SAR(10 g) = 0.179 W/kg

Maximum value of SAR (measured) = 0.982 W/kg



P13 WLAN5G_802.11ac VH80_Right Cheek_Ch58

DUT: 171102C30

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

Medium: H34T60N2_1126 Medium parameters used: $f = 5290$ MHz; $\sigma = 4.878$ S/m; $\epsilon_r = 35.626$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(5.6, 5.6, 5.6); Calibrated: 2017/07/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2017/07/20
- Phantom: Twin SAM Phantom_1822; Type: QD000P40;
- 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) = 0.416 W/kg

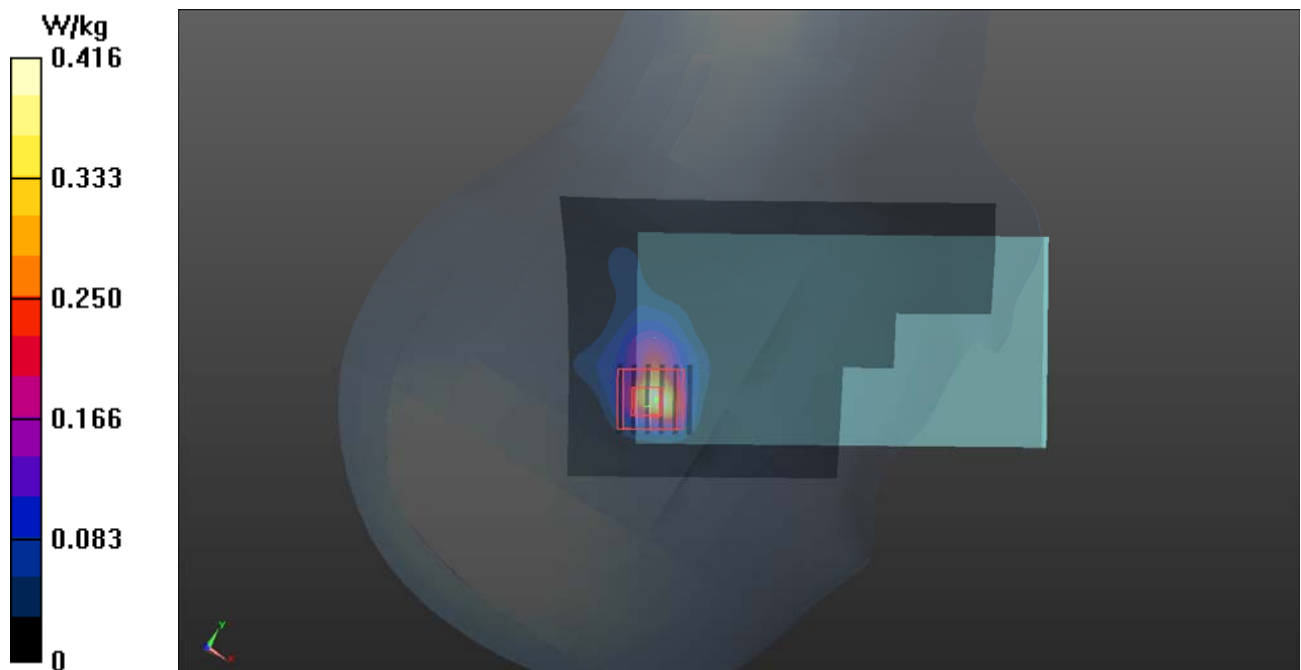
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 5.929 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 5.14 W/kg

SAR(1 g) = 0.794 W/kg; SAR(10 g) = 0.152 W/kg

Maximum value of SAR (measured) = 2.44 W/kg



P14 WLAN5G_802.11ac VH80_Right Cheek_Ch106

DUT: 171102C30

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

Medium: H34T60N2_1126 Medium parameters used: $f = 5530$ MHz; $\sigma = 5.105$ S/m; $\epsilon_r = 35.253$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(4.9, 4.9, 4.9); Calibrated: 2017/07/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2017/07/20
- Phantom: Twin SAM Phantom_1822; Type: QD000P40;
- 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) = 0.186 W/kg

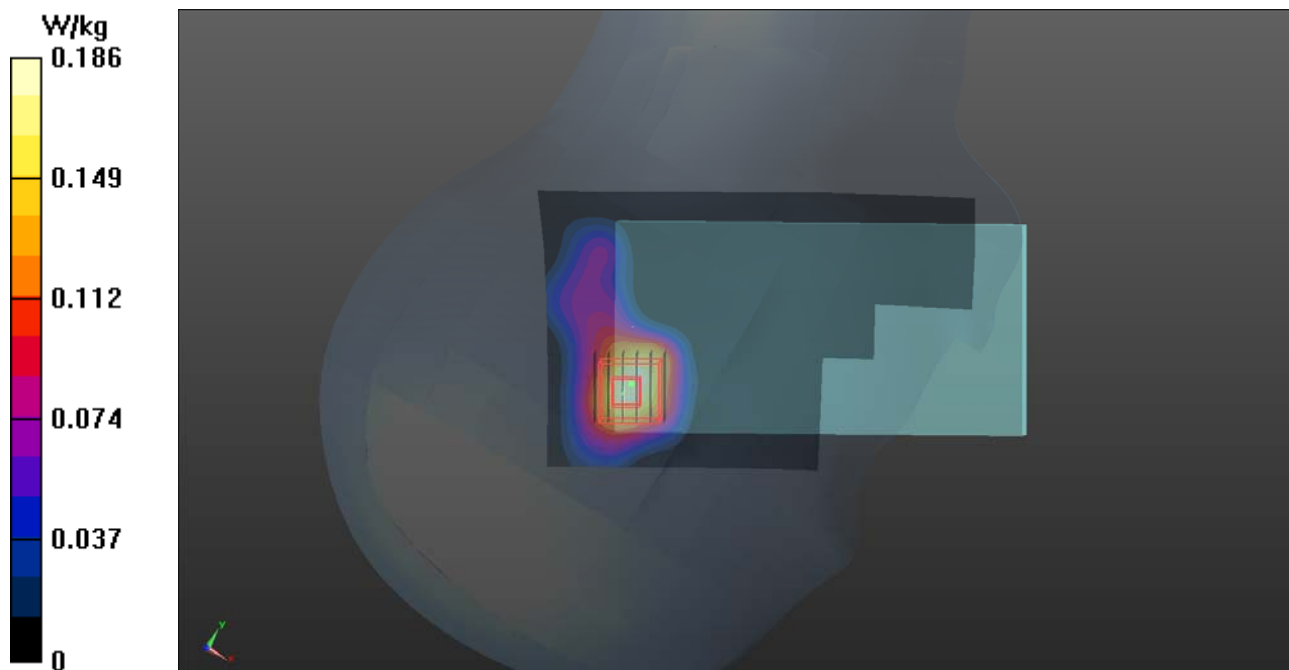
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 5.950 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 4.10 W/kg

SAR(1 g) = 0.702 W/kg; SAR(10 g) = 0.143 W/kg

Maximum value of SAR (measured) = 2.41 W/kg



P15 WLAN5G_802.11ac VH80_Right Cheek_Ch155

DUT: 171102C30

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

Medium: H34T60N2_1126 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.339$ S/m; $\epsilon_r = 34.891$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(4.94, 4.94, 4.94); Calibrated: 2017/07/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2017/07/20
- Phantom: Twin SAM Phantom_1822; Type: QD000P40;
- 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) = 0.367 W/kg

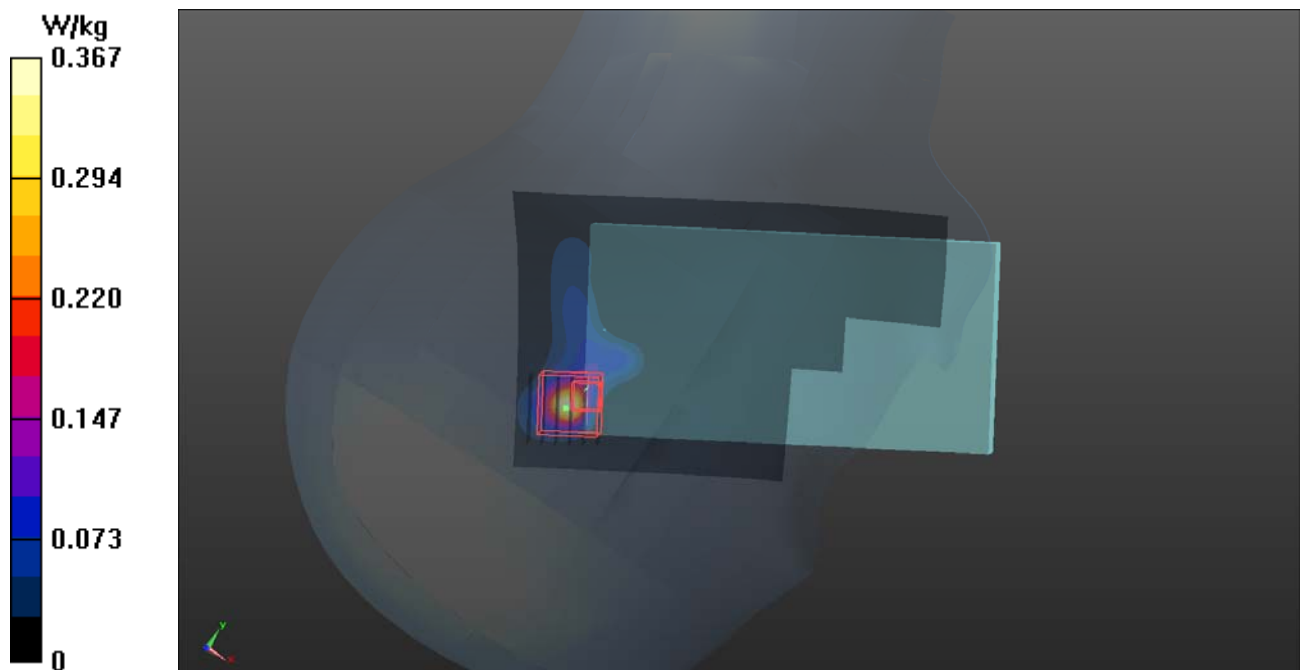
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 9.764 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 3.59 W/kg

SAR(1 g) = 0.555 W/kg; SAR(10 g) = 0.097 W/kg

Maximum value of SAR (measured) = 1.62 W/kg



P16 GSM850_GPRS8_Front Face_1.5cm_Ch189_Ant0_Reduction_w_o

DUT: 171102C30

Communication System: GPRS8; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: B07T10N1_1118 Medium parameters used: $f = 836.4$ MHz; $\sigma = 1.018$ S/m; $\epsilon_r = 57.255$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7375; ConvF(9.94, 9.94, 9.94); Calibrated: 2016/12/08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2017/08/17
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- 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) = 0.306 W/kg

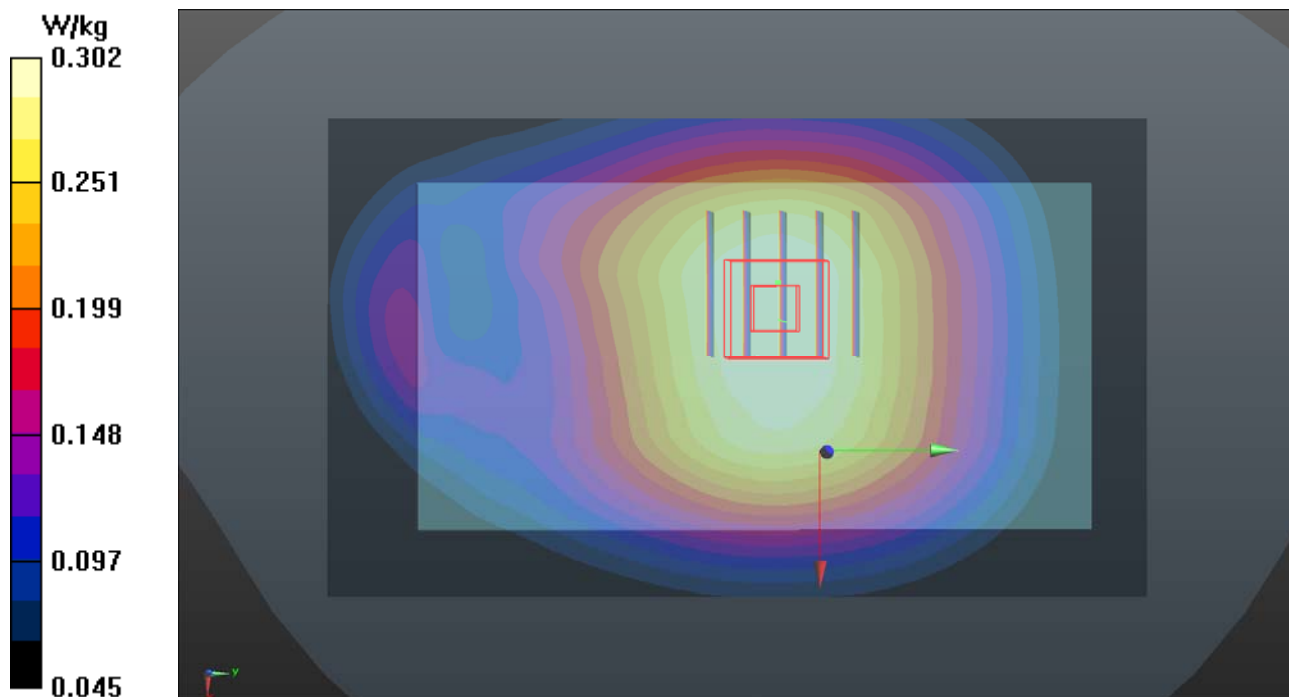
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.59 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.337 W/kg

SAR(1 g) = 0.244 W/kg; SAR(10 g) = 0.188 W/kg

Maximum value of SAR (measured) = 0.302 W/kg



P17 GSM1900_GPRS8_Front Face_1.5cm_Ch661_Ant0_Reduction_w_o

DUT: 171102C30

Communication System: GPRS8; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: B16T20N1_1118 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.562$ S/m; $\epsilon_r = 51.652$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7375; ConvF(7.62, 7.62, 7.62); Calibrated: 2016/12/08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2017/08/17
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- 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) = 0.721 W/kg

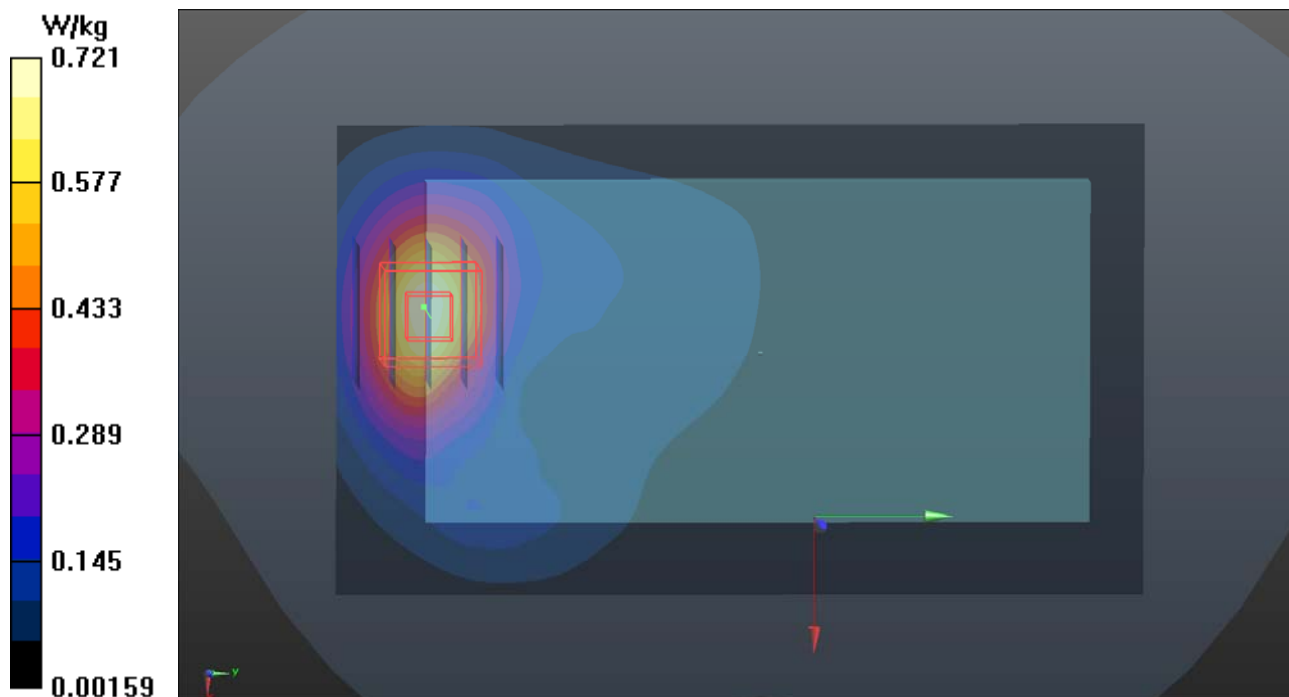
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.71 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.875 W/kg

SAR(1 g) = 0.518 W/kg; SAR(10 g) = 0.298 W/kg

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



P18 WCDMA II_RMC12.2K_Front Face_1.5cm_Ch9538_Ant0_Reduction_w_o

DUT: 171102C30

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

Medium: B16T20N1_1118 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.591$ S/m; $\epsilon_r = 51.587$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7375; ConvF(7.62, 7.62, 7.62); Calibrated: 2016/12/08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2017/08/17
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- 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) = 1.69 W/kg

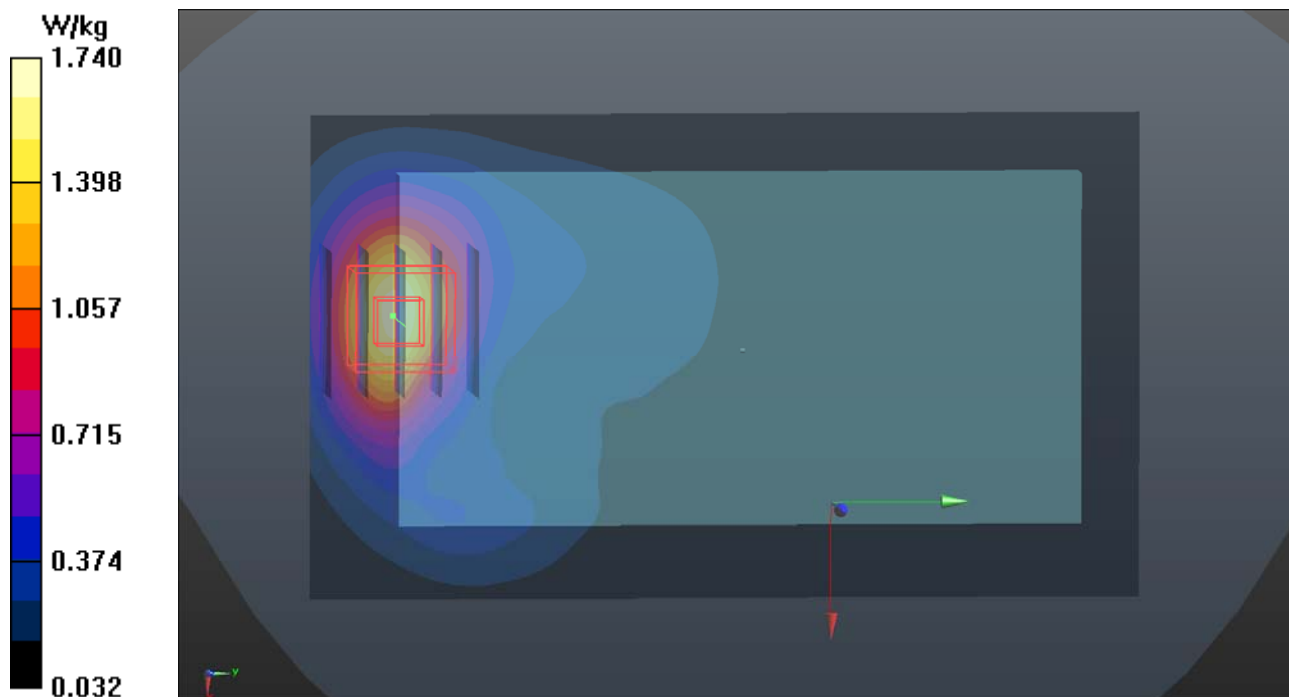
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.80 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.04 W/kg

SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.694 W/kg

Maximum value of SAR (measured) = 1.74 W/kg



P19 WCDMA IV_RMC12.2K_Front Face_1.5cm_Ch1312_Ant0_Reduction_w_o

DUT: 171102C30

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

Medium: B16T20N1_1118 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.397$ S/m; $\epsilon_r = 52.149$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7375; ConvF(8.22, 8.22, 8.22); Calibrated: 2016/12/08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2017/08/17
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- 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) = 1.52 W/kg

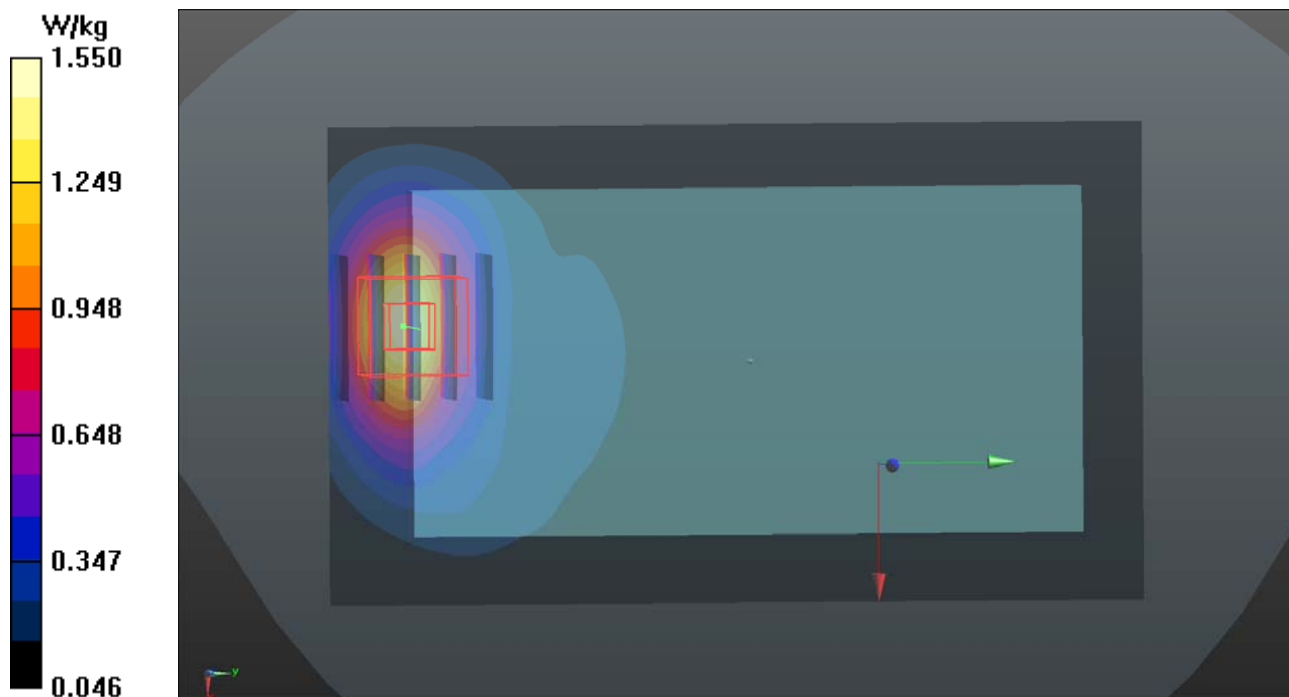
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.81 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.80 W/kg

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.646 W/kg

Maximum value of SAR (measured) = 1.55 W/kg



P20 WCDMA V_RMC12.2K_Front Face_1.5cm_Ch4182_Ant0_Reduction_w_o

DUT: 171102C30

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: B07T10N1_1120 Medium parameters used: $f = 836.4$ MHz; $\sigma = 1.02$ S/m; $\epsilon_r = 54.598$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7375; ConvF(9.94, 9.94, 9.94); Calibrated: 2016/12/08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2017/08/17
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

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

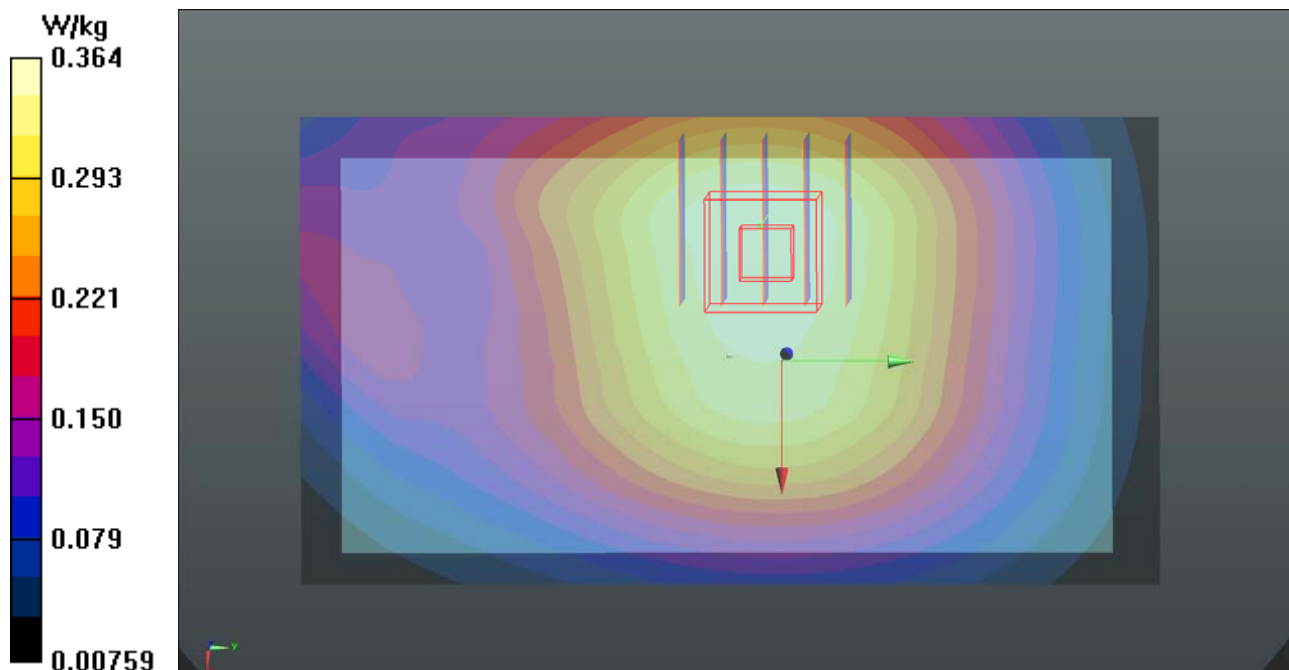
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.33 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.400 W/kg

SAR(1 g) = 0.292 W/kg; SAR(10 g) = 0.225 W/kg

Maximum value of SAR (measured) = 0.358 W/kg



P21 LTE 2_QPSK20M_Front Face_1.5cm_Ch18900_Ant0_Reduction_w_o_1RB_OS0

DUT: 171102C30

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

Medium: B16T20N1_1118 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.562$ S/m; $\epsilon_r = 51.652$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7375; ConvF(7.62, 7.62, 7.62); Calibrated: 2016/12/08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2017/08/17
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- 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) = 1.24 W/kg

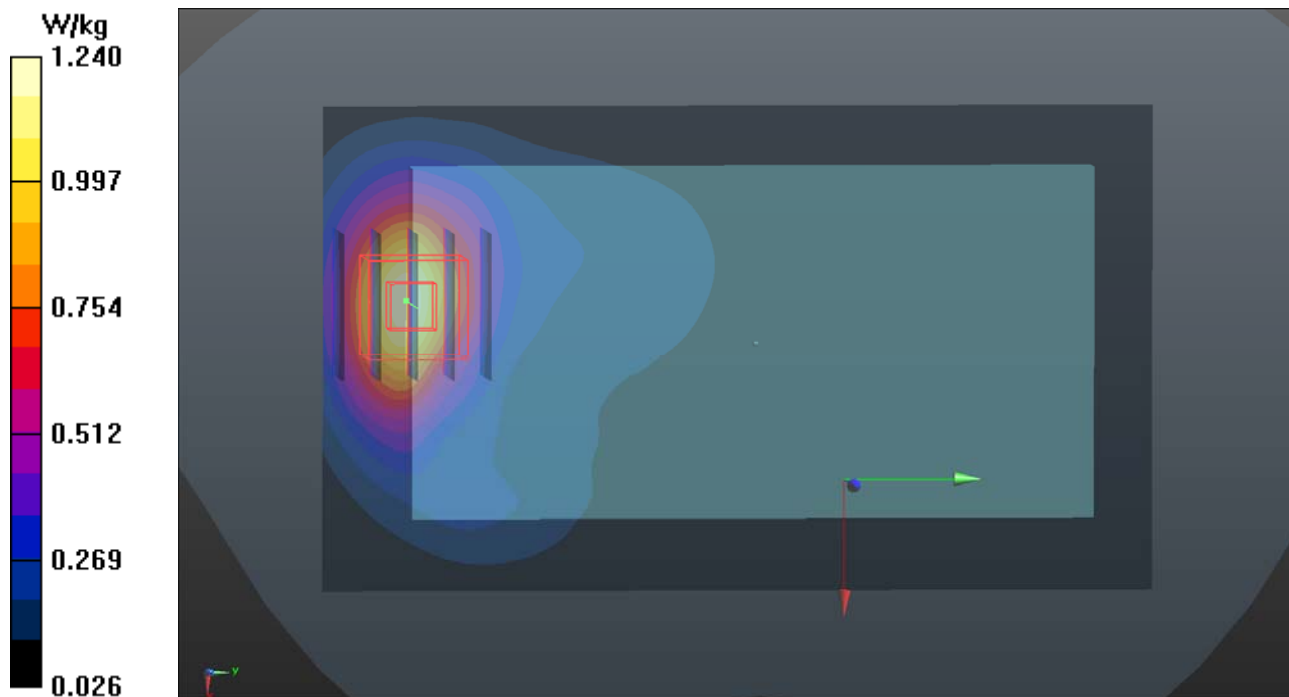
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.08 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.872 W/kg; SAR(10 g) = 0.504 W/kg

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



P22 LTE 4_QPSK20M_Front Face_1.5cm_Ch20175_Ant0_Reduction_w_o_1RB_OS0

DUT: 171102C30

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

Medium: B16T20N1_1118 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.416$ S/m; $\epsilon_r = 52.079$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7375; ConvF(8.22, 8.22, 8.22); Calibrated: 2016/12/08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2017/08/17
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- 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) = 1.06 W/kg

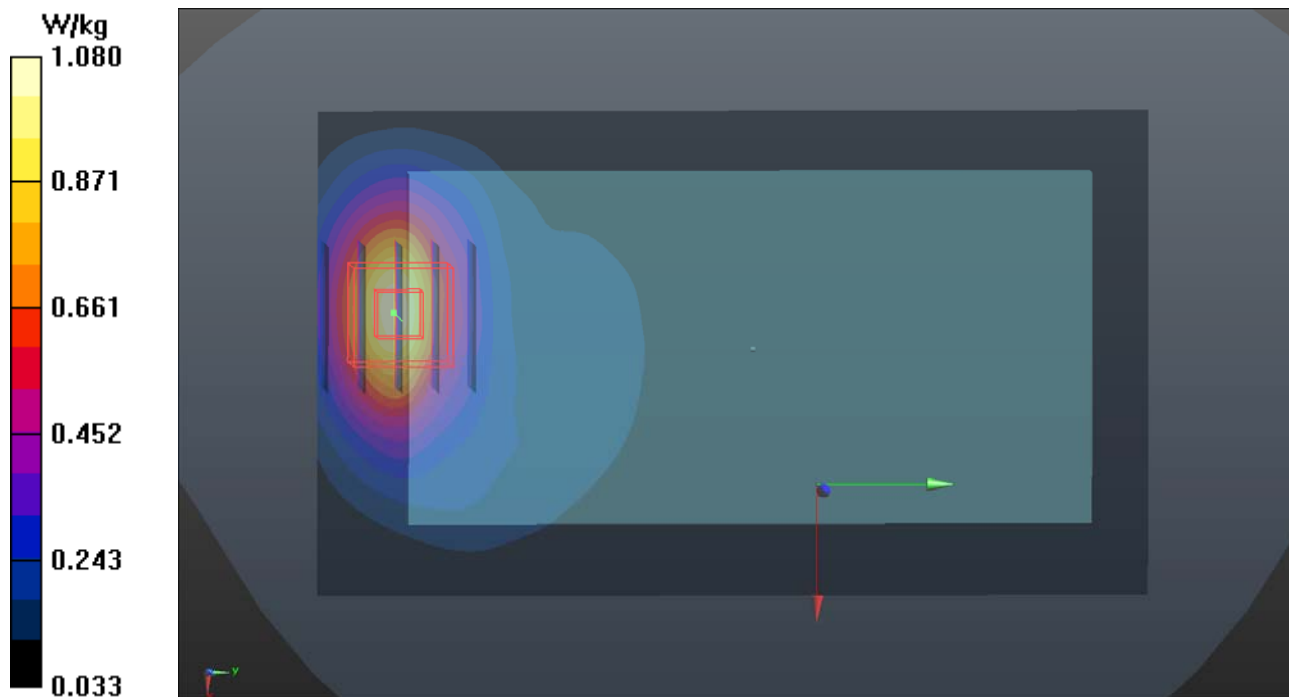
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.98 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.776 W/kg; SAR(10 g) = 0.455 W/kg

Maximum value of SAR (measured) = 1.08 W/kg



P23 LTE 5_QPSK10M_Front Face_1.5cm_Ch20600_Ant0_Reduction_w_o_1RB_OS0

DUT: 171102C30

Communication System: LTE; Frequency: 844 MHz; Duty Cycle: 1:1

Medium: B07T10N1_1120 Medium parameters used: $f = 844 \text{ MHz}$; $\sigma = 1.028 \text{ S/m}$; $\epsilon_r = 54.528$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7375; ConvF(9.94, 9.94, 9.94); Calibrated: 2016/12/08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2017/08/17
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.200 W/kg

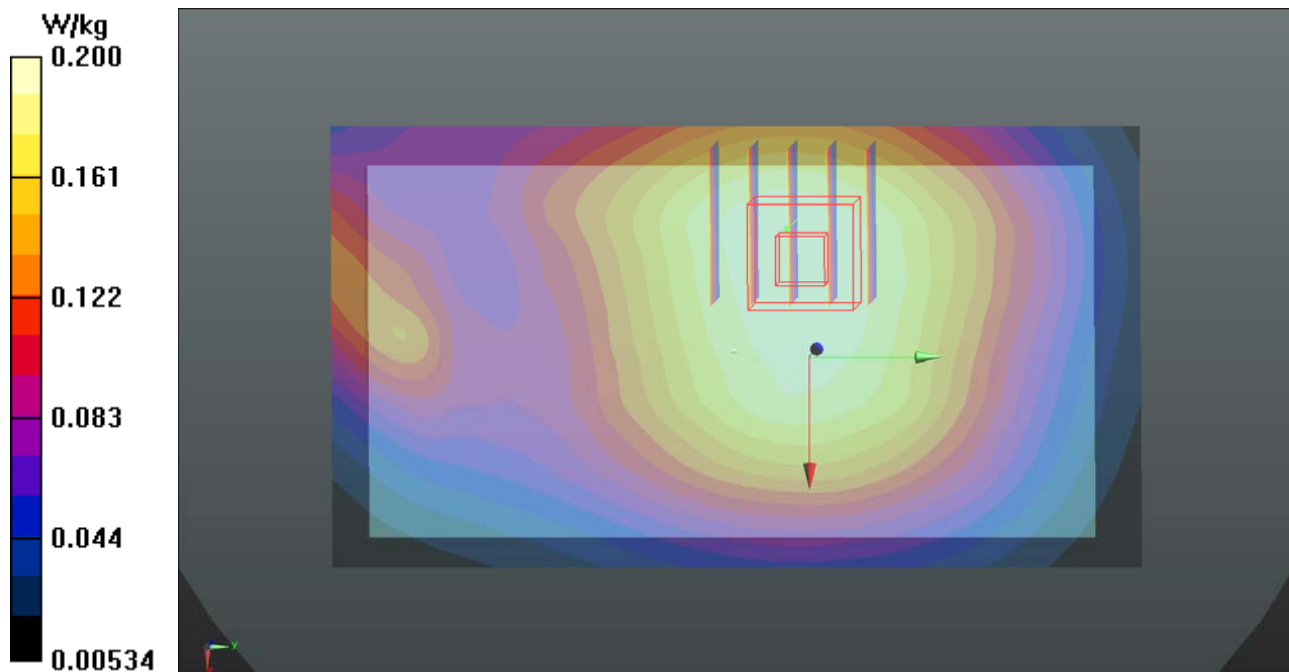
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.32 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.224 W/kg

SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.125 W/kg

Maximum value of SAR (measured) = 0.200 W/kg



P24 LTE 7_QPSK20M_Front Face_1.5cm_Ch21100_Ant0_Reduction_w_o_1RB_OS0

DUT: 171102C30

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

Medium: B19T27N5_1118 Medium parameters used: $f = 2535$ MHz; $\sigma = 2.094$ S/m; $\epsilon_r = 51.052$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7375; ConvF(7.33, 7.33, 7.33); Calibrated: 2016/12/08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2017/08/17
- 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) = 0.558 W/kg

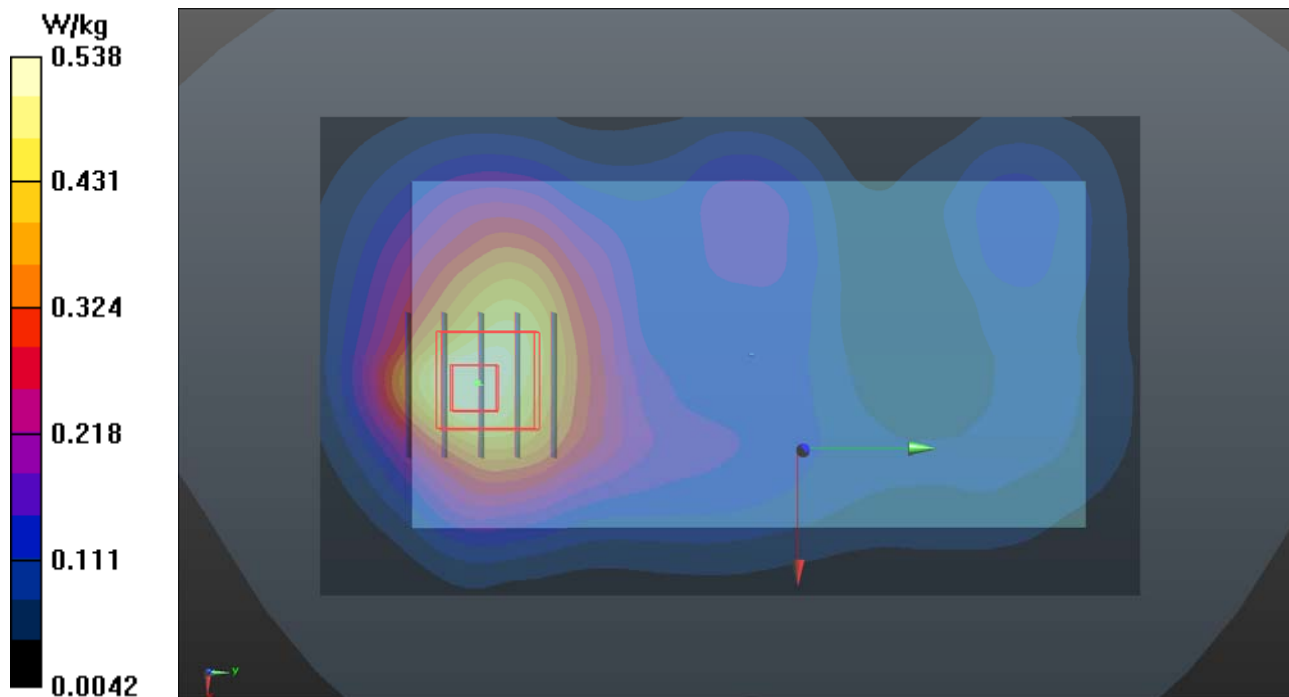
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.86 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.647 W/kg

SAR(1 g) = 0.369 W/kg; SAR(10 g) = 0.216 W/kg

Maximum value of SAR (measured) = 0.538 W/kg



P25 LTE 12_QPSK10M_Front Face_1.5cm_Ch23130_Ant0_Reduction_w_o_1RB_OS0

DUT: 171102C30

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

Medium: B06T09N1_1120 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.922 \text{ S/m}$; $\epsilon_r = 53.502$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7375; ConvF(9.94, 9.94, 9.94); Calibrated: 2016/12/08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2017/08/17
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.295 W/kg

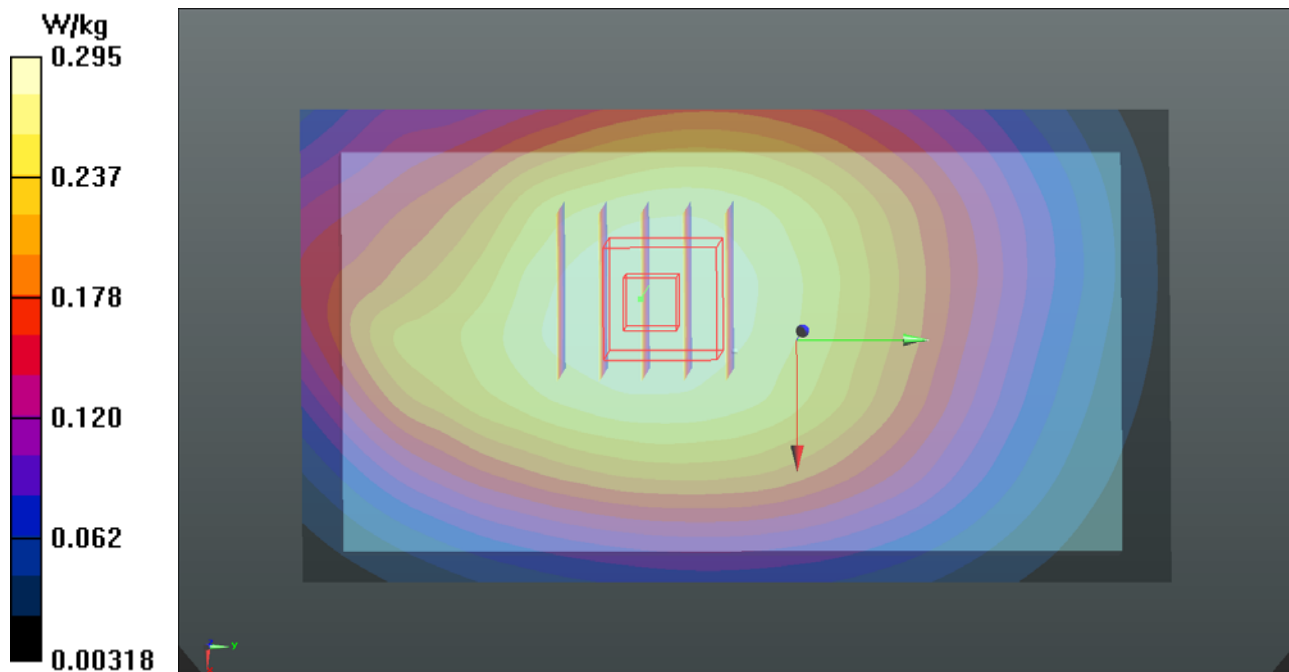
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 18.28 V/m ; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.322 W/kg

SAR(1 g) = 0.245 W/kg ; SAR(10 g) = 0.195 W/kg

Maximum value of SAR (measured) = 0.291 W/kg



P26 LTE 17_QPSK10M_Front Face_1.5cm_Ch23780_Ant0_Reduction_w_o_1RB_OS0

DUT: 171102C30

Communication System: LTE; Frequency: 709 MHz; Duty Cycle: 1:1

Medium: B06T09N1_1120 Medium parameters used: $f = 709 \text{ MHz}$; $\sigma = 0.92 \text{ S/m}$; $\epsilon_r = 53.515$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7375; ConvF(9.94, 9.94, 9.94); Calibrated: 2016/12/08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2017/08/17
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.286 W/kg

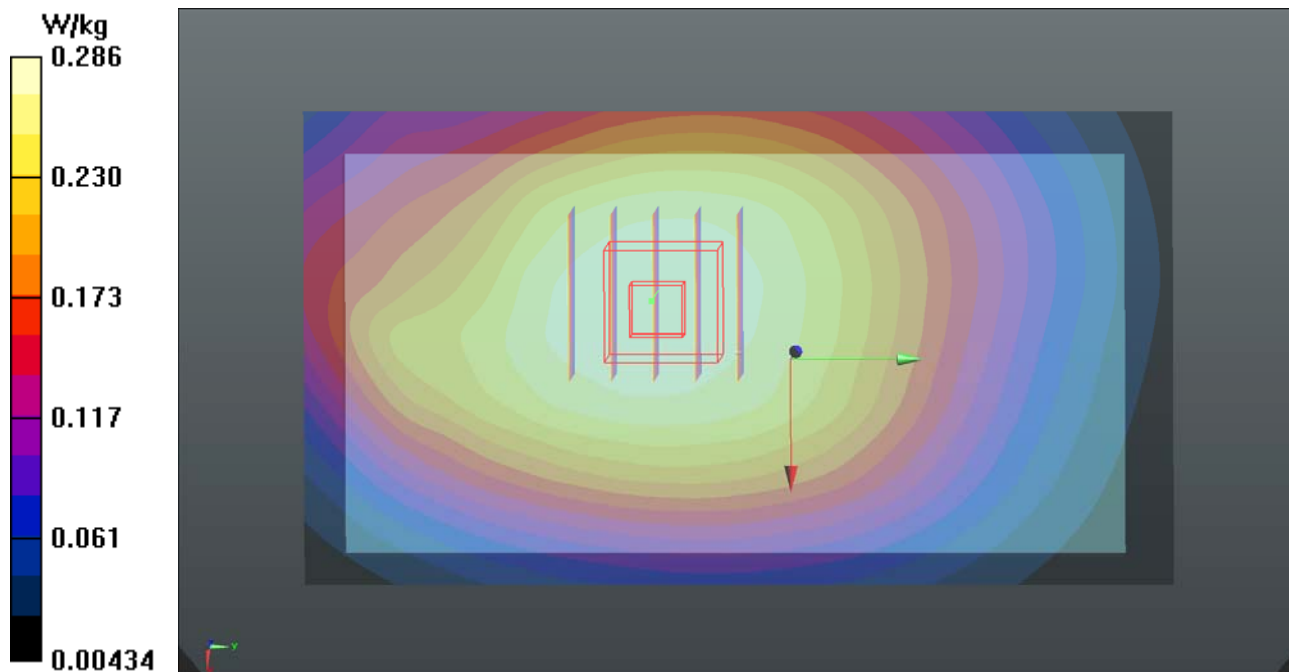
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.90 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.318 W/kg

SAR(1 g) = 0.240 W/kg ; SAR(10 g) = 0.191 W/kg

Maximum value of SAR (measured) = 0.287 W/kg



P27 WLAN2.4G_802.11b_Front Face_1.5cm_Ch11

DUT: 171102C30

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

Medium: B19T27N2_1128 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.034$ S/m; $\epsilon_r = 50.526$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7375; ConvF(7.33, 7.33, 7.33); Calibrated: 2016/12/08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2017/08/17
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.0430 W/kg

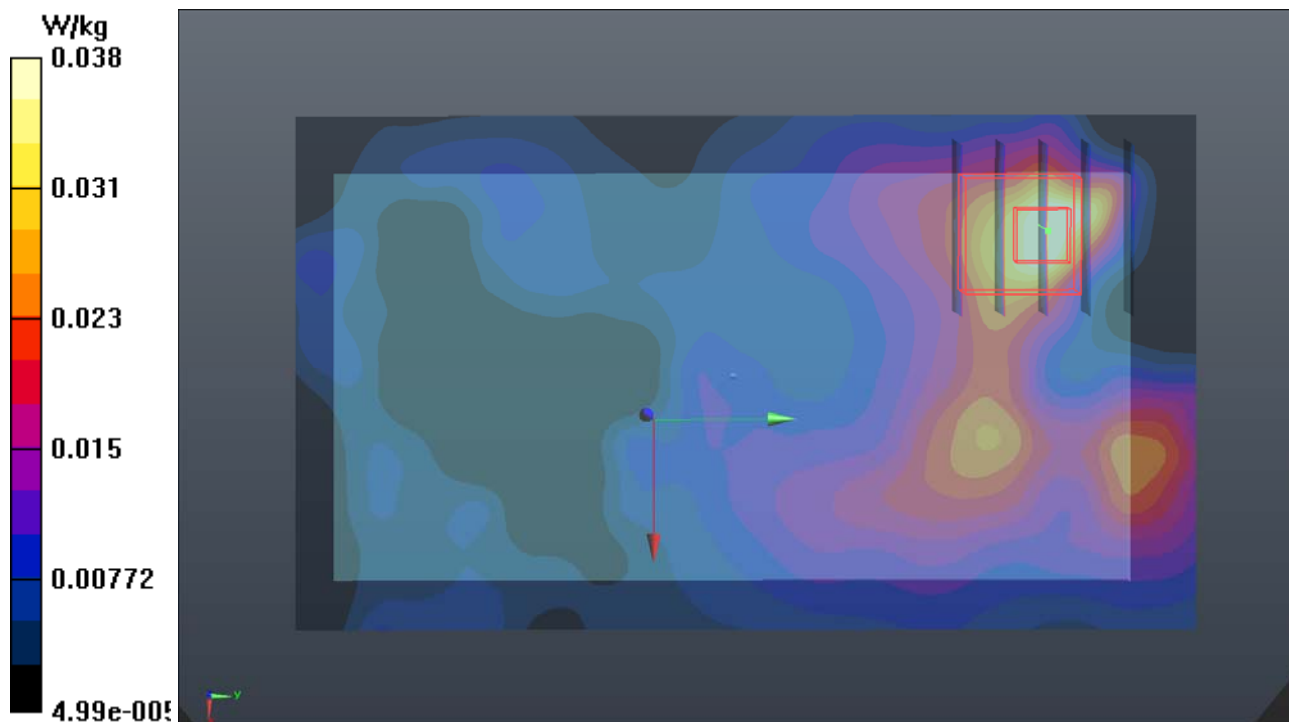
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.096 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.0480 W/kg

SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.013 W/kg

Maximum value of SAR (measured) = 0.0384 W/kg



P28 WLAN5G_802.11ac VH80_Front Face_1.5cm_Ch58

DUT: 171102C30

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

Medium: B34T60N1_1128 Medium parameters used: $f = 5290$ MHz; $\sigma = 5.379$ S/m; $\epsilon_r = 49.359$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7375; ConvF(4.57, 4.57, 4.57); Calibrated: 2016/12/08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2017/08/17
- 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) = 0.0558 W/kg

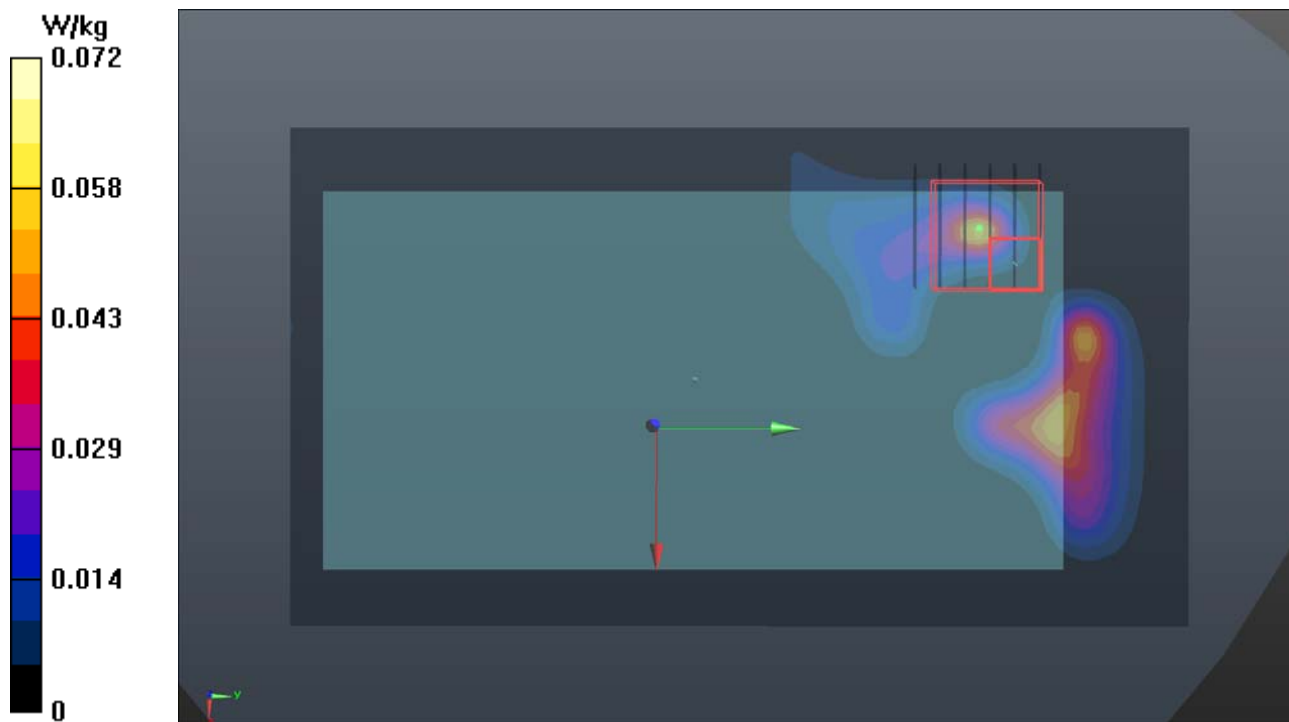
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 3.430 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.136 W/kg

SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.00762 W/kg

Maximum value of SAR (measured) = 0.0723 W/kg



P29 WLAN5G_802.11ac VH80_Front Face_1.5cm_Ch106

DUT: 171102C30

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

Medium: B34T60N1_1128 Medium parameters used: $f = 5530$ MHz; $\sigma = 5.689$ S/m; $\epsilon_r = 48.865$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7375; ConvF(4.2, 4.2, 4.2); Calibrated: 2016/12/08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2017/08/17
- 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) = 0.103 W/kg

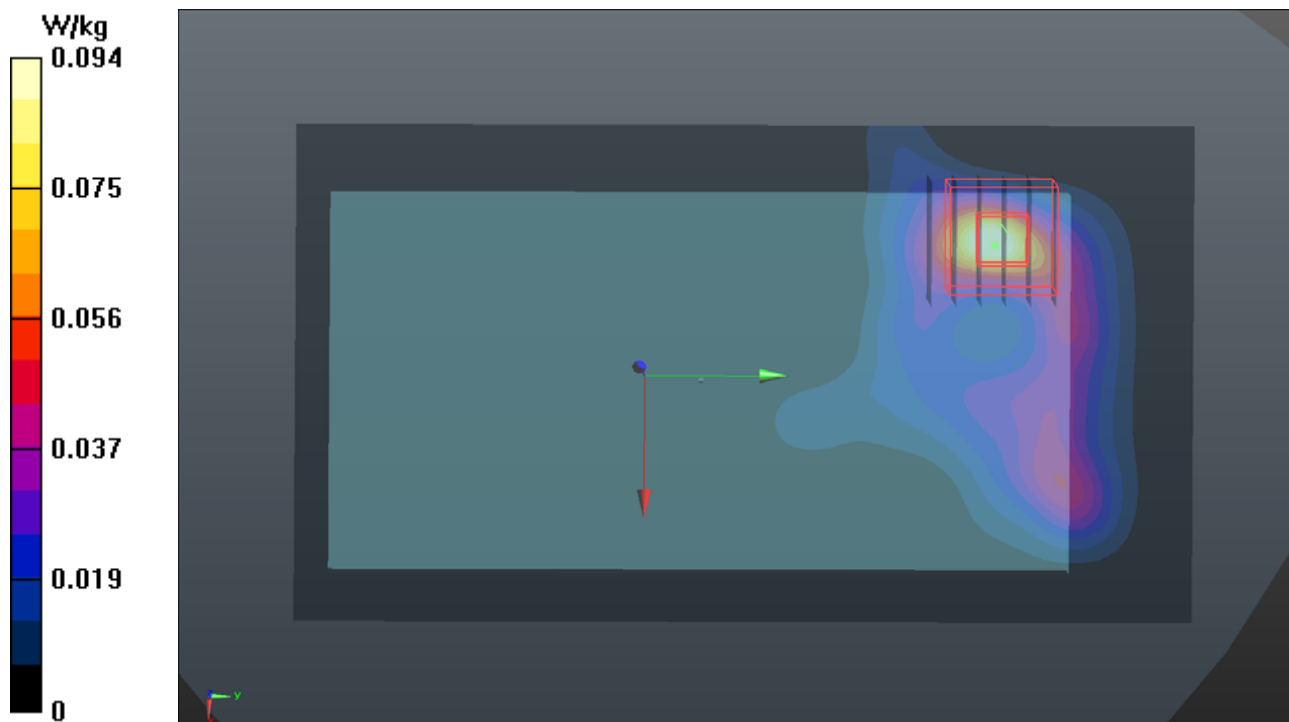
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 3.964 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.177 W/kg

SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.00949 W/kg

Maximum value of SAR (measured) = 0.0936 W/kg



P30 WLAN5G_802.11ac VH80_Front Face_1.5cm_Ch155

DUT: 171102C30

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

Medium: B34T60N1_1128 Medium parameters used: $f = 5775$ MHz; $\sigma = 6.034$ S/m; $\epsilon_r = 48.389$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7375; ConvF(4.08, 4.08, 4.08); Calibrated: 2016/12/08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2017/08/17
- 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) = 0.0566 W/kg

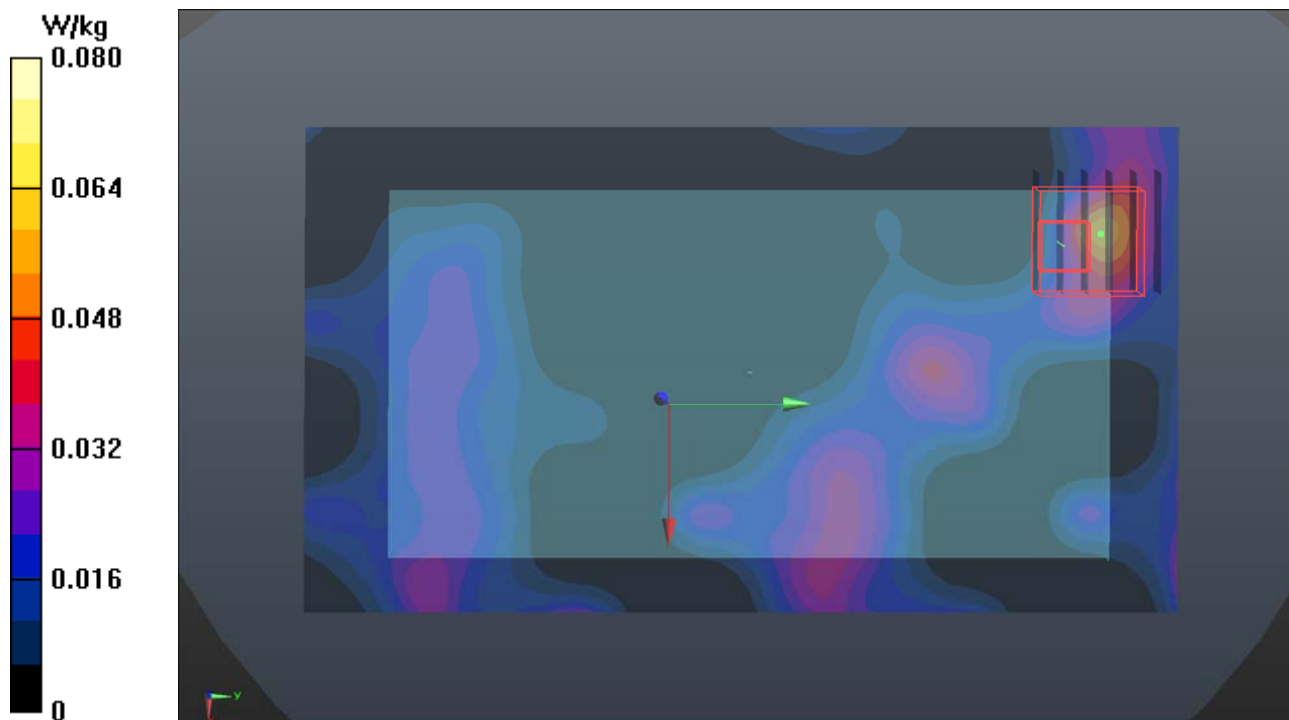
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 3.671 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.153 W/kg

SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.00728 W/kg

Maximum value of SAR (measured) = 0.0797 W/kg



P31 BT_BR_Front Face_1.5cm_Ch0

DUT: 171102C30

Communication System: BT; Frequency: 2402 MHz; Duty Cycle: 1:1

Medium: B19T27N2_1128 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.966$ S/m; $\epsilon_r = 50.678$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7375; ConvF(7.33, 7.33, 7.33); Calibrated: 2016/12/08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2017/08/17
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.000336 W/kg

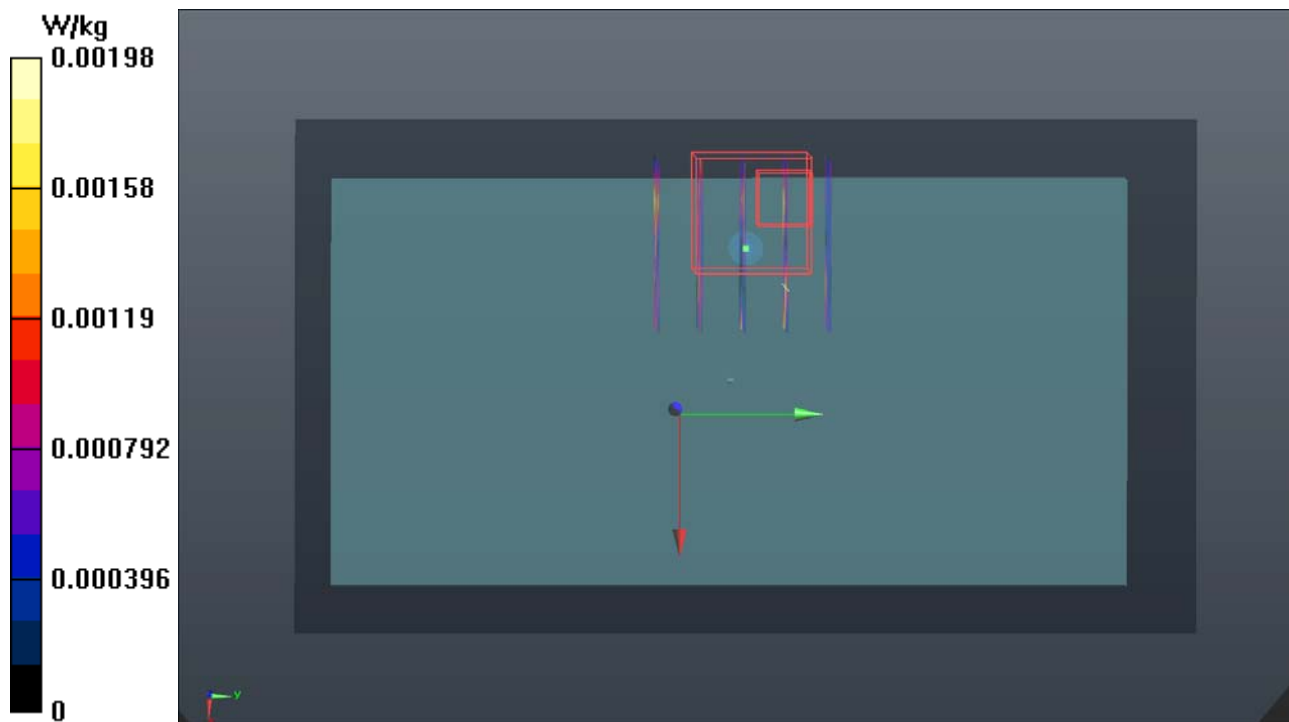
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.5640 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.00165 W/kg

SAR(1 g) = 0.000201 W/kg; SAR(10 g) = 2.65e-005 W/kg

Maximum value of SAR (measured) = 0.00198 W/kg



P32 GSM850_GPRS8_Front Face_1cm_Ch189_Ant1_Reduction_w_o

DUT: 171102C30

Communication System: GPRS8; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: B07T10N1_1118 Medium parameters used: $f = 836.4$ MHz; $\sigma = 1.018$ S/m; $\epsilon_r = 57.255$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7375; ConvF(9.94, 9.94, 9.94); Calibrated: 2016/12/08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2017/08/17
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- 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) = 0.263 W/kg

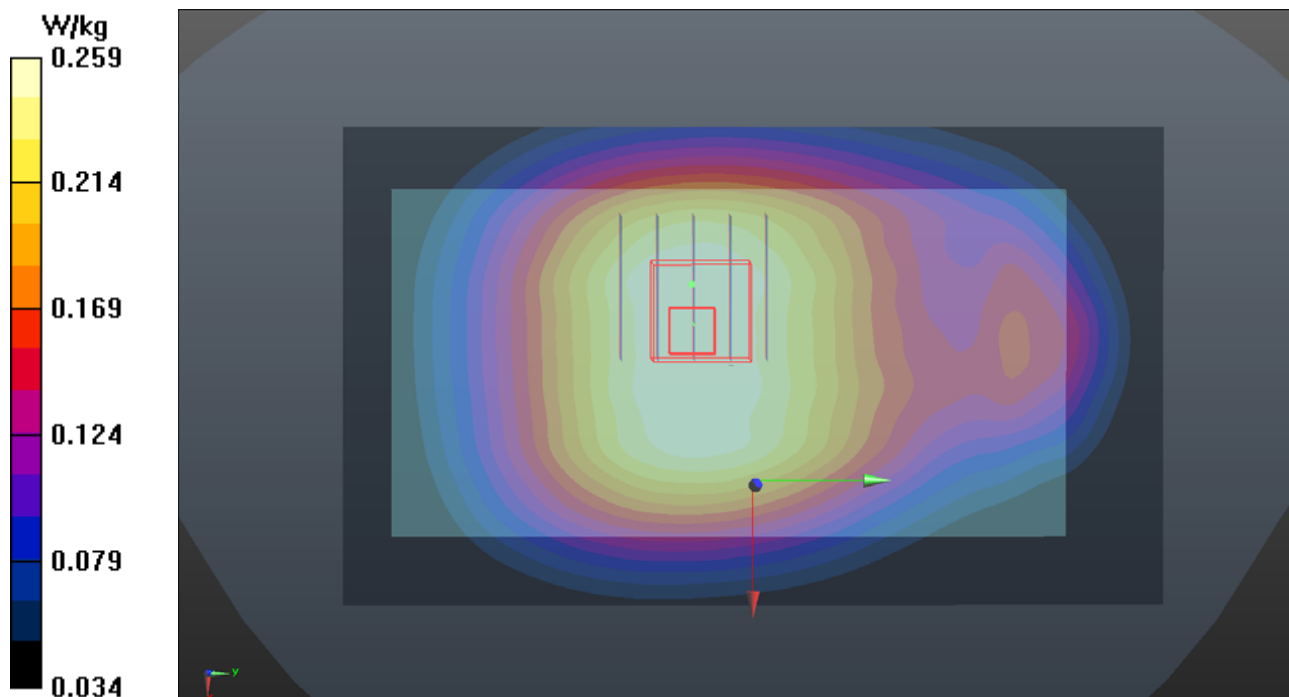
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.41 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.289 W/kg

SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.163 W/kg

Maximum value of SAR (measured) = 0.259 W/kg



P33 GSM1900_GPRS8_Bottom Side_1cm_Ch810_Ant0_Reduction_w

DUT: 171102C30

Communication System: GPRS8; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: B16T20N1_1124 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.564$ S/m; $\epsilon_r = 51.441$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8, 8, 8); Calibrated: 2017/07/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2017/07/20
- Phantom: Twin SAM Phantom_1822; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 1.76 W/kg

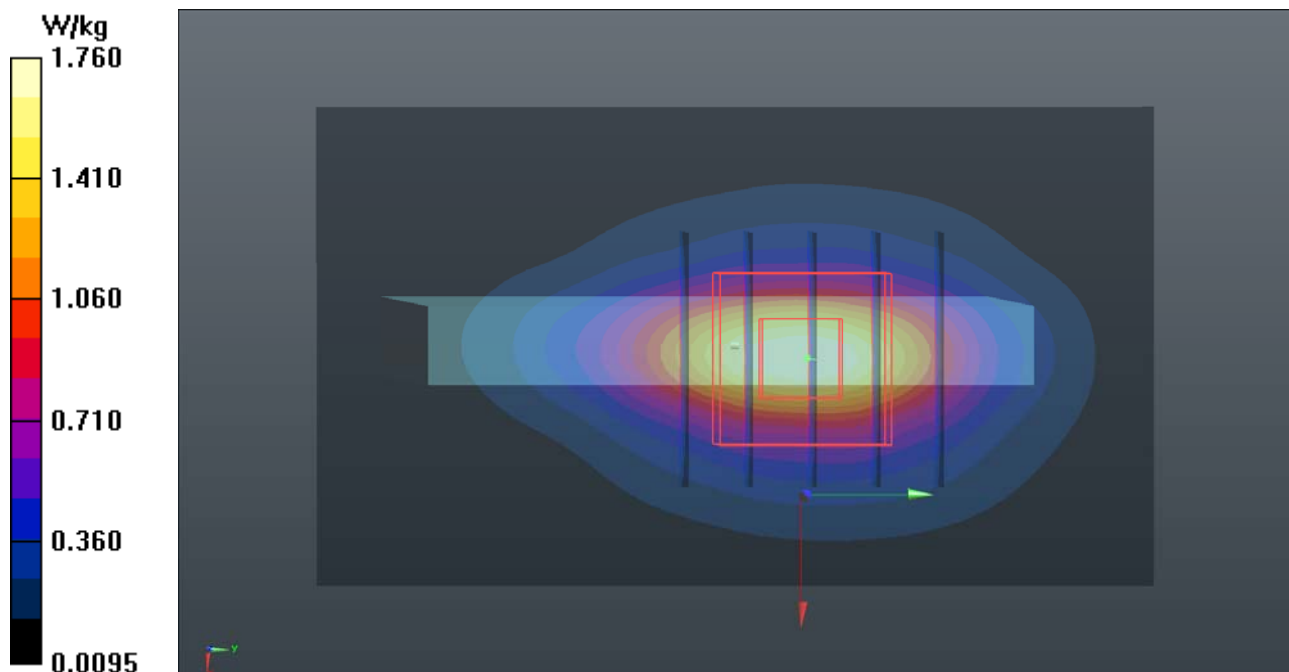
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.48 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.00 W/kg

SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.621 W/kg

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



P34 WCDMA II_RMC12.2K_Bottom Side_1cm_Ch9538_Ant0_Reduction_w

DUT: 171102C30

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

Medium: B16T20N1_1124 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.562$ S/m; $\epsilon_r = 51.45$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8, 8, 8); Calibrated: 2017/07/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2017/07/20
- Phantom: Twin SAM Phantom_1822; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 1.81 W/kg

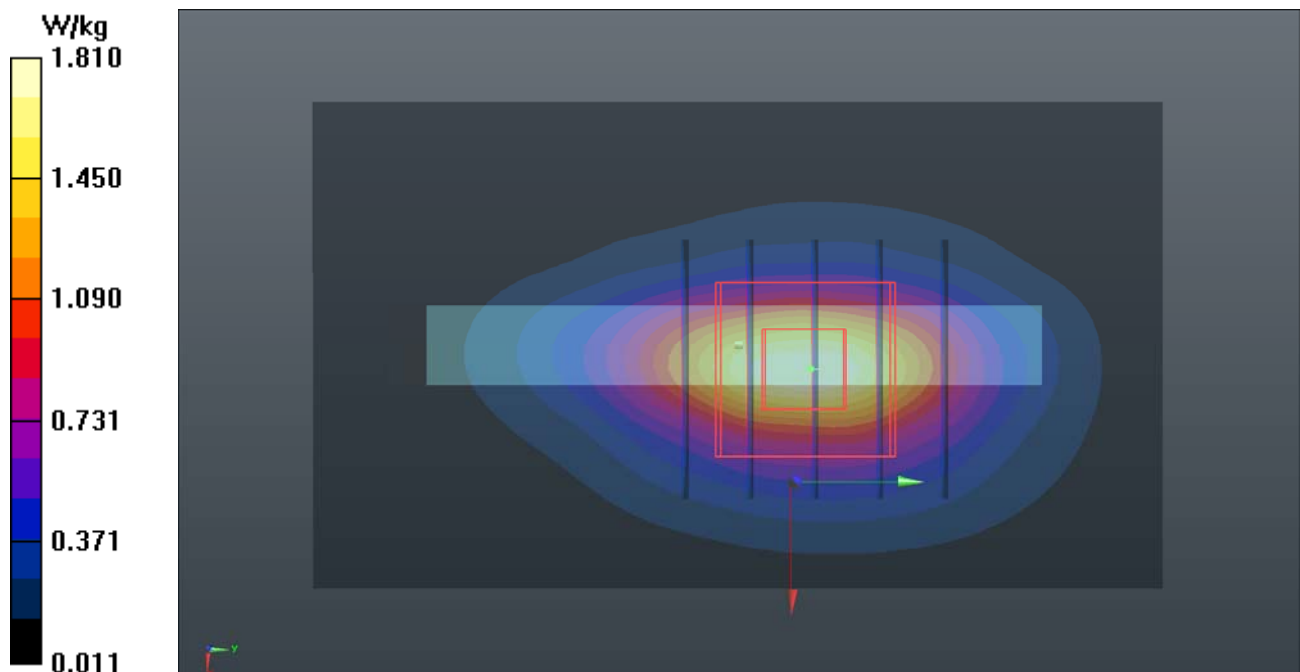
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.56 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.05 W/kg

SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.626 W/kg

Maximum value of SAR (measured) = 1.76 W/kg



P35 WCDMA IV_RMC12.2K_Bottom Side_1cm_Ch1312_Ant0_Reduction_w

DUT: 171102C30

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

Medium: B16T20N1_1124 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 51.759$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.27, 8.27, 8.27); Calibrated: 2017/07/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2017/07/20
- Phantom: Twin SAM Phantom_1822; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 1.69 W/kg

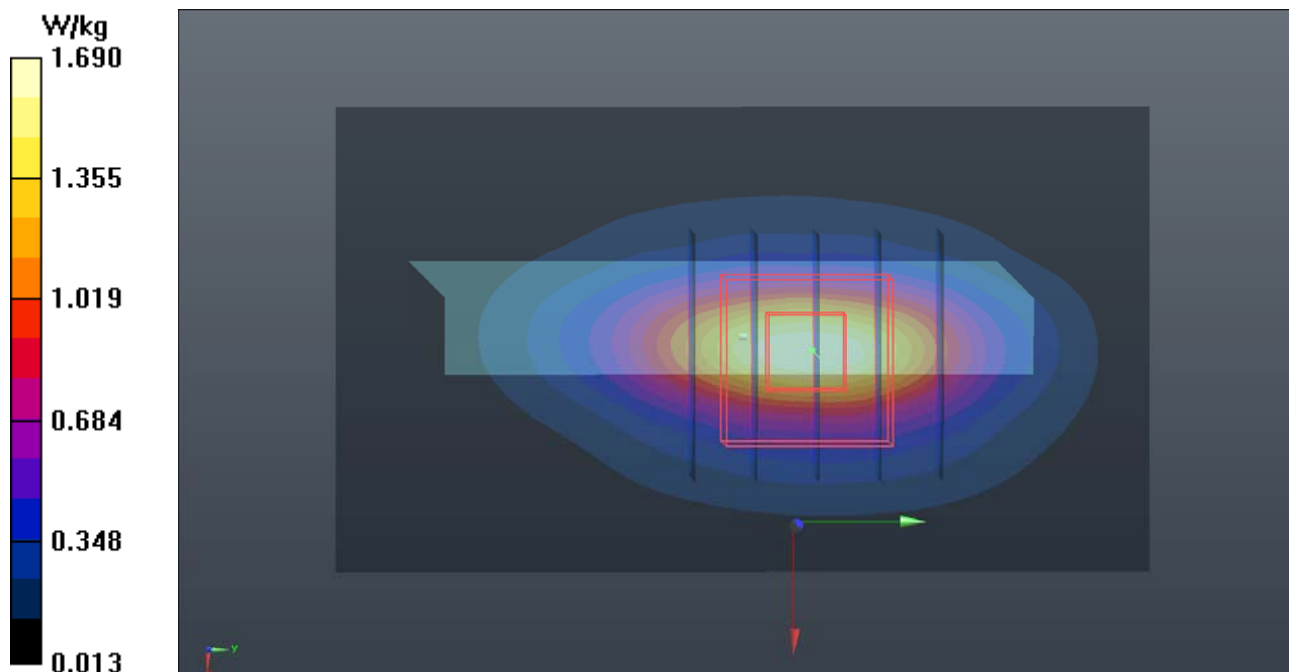
- **Zoom Scan (5x5x7)/Cube 0**: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.96 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.87 W/kg

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.602 W/kg

Maximum value of SAR (measured) = 1.63 W/kg



P36 WCDMA V_RMC12.2K_Bottom Side_1cm_Ch4182_Ant0_Reduction_w_o

DUT: 171102C30

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: B07T10N1_1120 Medium parameters used: $f = 836.4$ MHz; $\sigma = 1.02$ S/m; $\epsilon_r = 54.598$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7375; ConvF(9.94, 9.94, 9.94); Calibrated: 2016/12/08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2017/08/17
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.361 W/kg

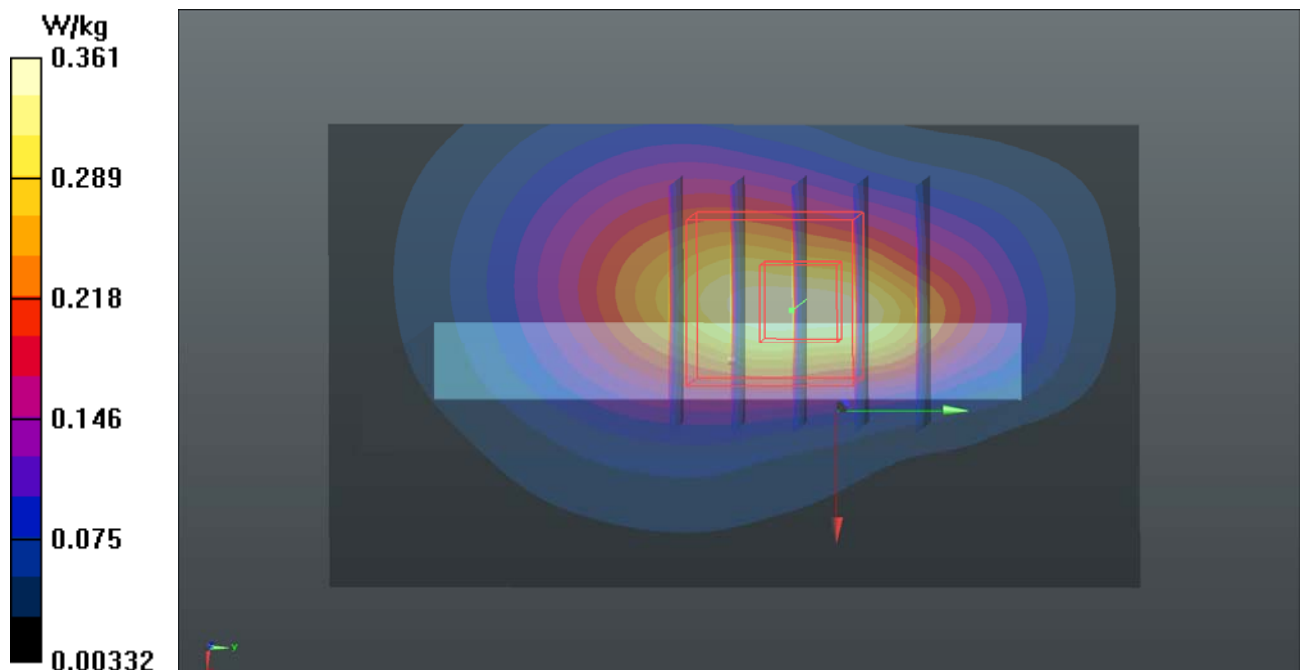
- **Zoom Scan (5x5x7)/Cube 0**: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.95 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.541 W/kg

SAR(1 g) = 0.261 W/kg; SAR(10 g) = 0.141 W/kg

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



P37 LTE 2_QPSK20M_Bottom Side_1cm_Ch18700_Ant0_Reduction_w_1RB_OS0

DUT: 171102C30

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

Medium: B16T20N1_1118 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.543$ S/m; $\epsilon_r = 51.706$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7375; ConvF(7.62, 7.62, 7.62); Calibrated: 2016/12/08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2017/08/17
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 1.69 W/kg

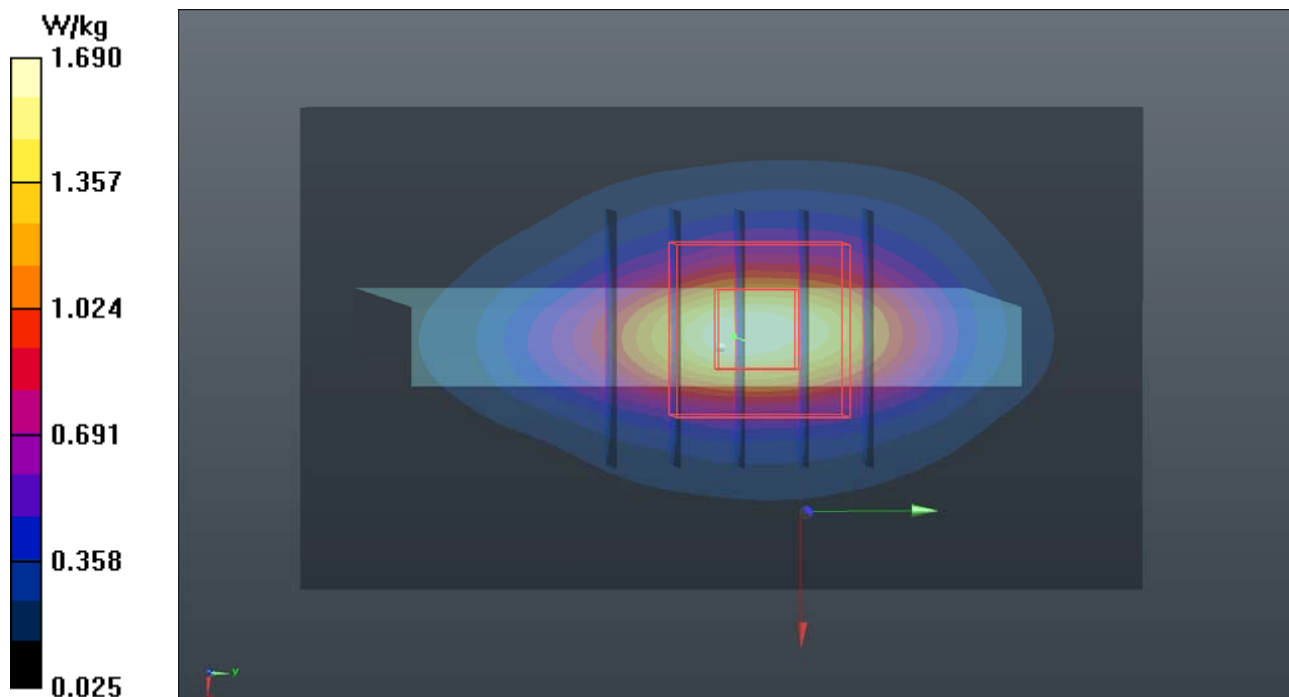
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.94 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 2.03 W/kg

SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.594 W/kg

Maximum value of SAR (measured) = 1.69 W/kg



P38 LTE 4_QPSK20M_Bottom Side_1cm_Ch20050_Ant0_Reduction_w_1RB_OS0

DUT: 171102C30

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

Medium: B16T20N1_1118 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.404$ S/m; $\epsilon_r = 52.124$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7375; ConvF(8.22, 8.22, 8.22); Calibrated: 2016/12/08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2017/08/17
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 1.44 W/kg

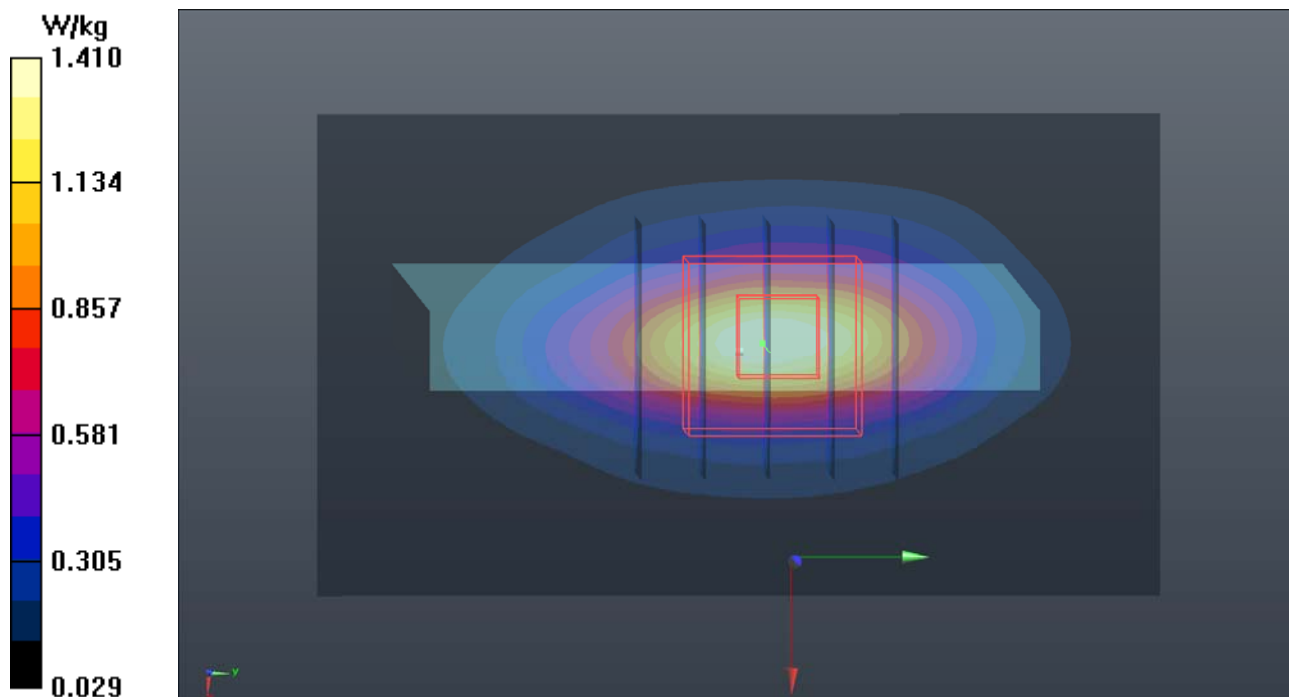
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.91 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 0.950 W/kg; SAR(10 g) = 0.506 W/kg

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



P39 LTE 5_QPSK10M_Bottom Side_1cm_Ch20600_Ant0_Reduction_w_o_1RB_OS0

DUT: 171102C30

Communication System: LTE; Frequency: 844 MHz; Duty Cycle: 1:1

Medium: B07T10N1_1120 Medium parameters used: $f = 844 \text{ MHz}$; $\sigma = 1.028 \text{ S/m}$; $\epsilon_r = 54.528$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7375; ConvF(9.94, 9.94, 9.94); Calibrated: 2016/12/08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2017/08/17
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.288 W/kg

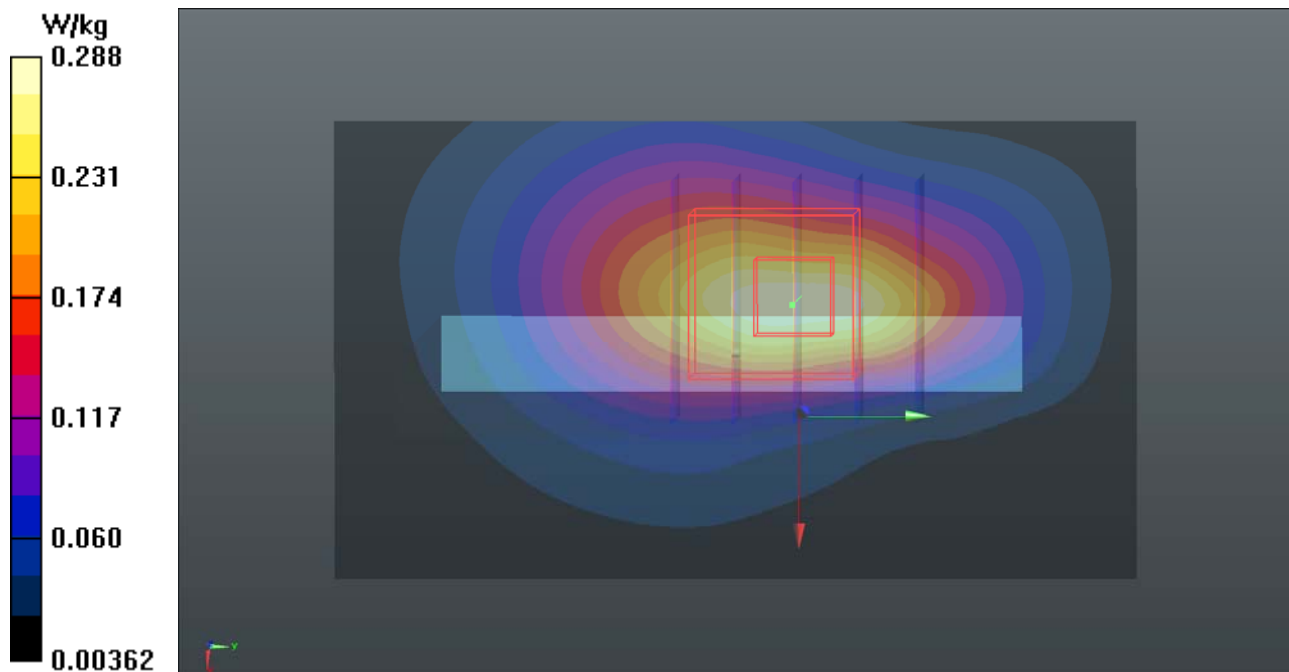
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.13 V/m ; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.425 W/kg

SAR(1 g) = 0.207 W/kg ; SAR(10 g) = 0.112 W/kg

Maximum value of SAR (measured) = 0.335 W/kg



P40 LTE 7_QPSK20M_Front Face_1cm_Ch21100_Ant0_Reduction_w_o_1RB_OS0

DUT: 171102C30

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

Medium: B19T27N5_1118 Medium parameters used: $f = 2535$ MHz; $\sigma = 2.094$ S/m; $\epsilon_r = 51.052$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7375; ConvF(7.33, 7.33, 7.33); Calibrated: 2016/12/08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2017/08/17
- 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) = 1.26 W/kg

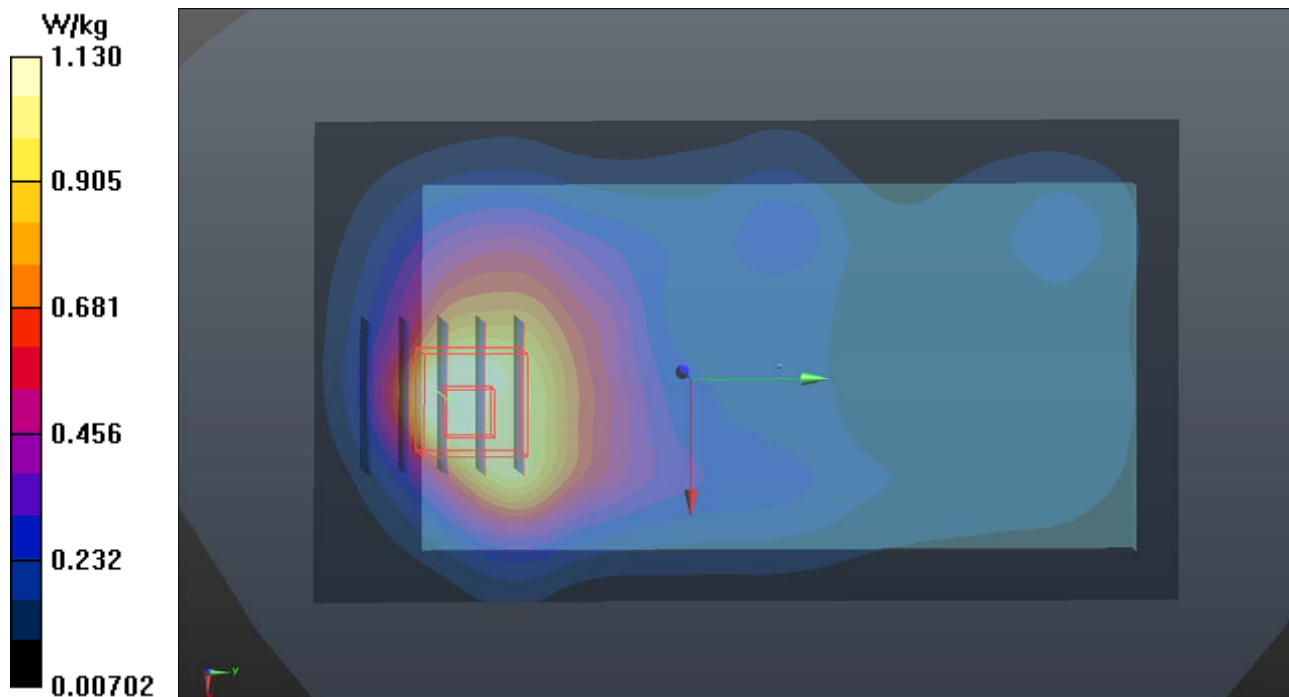
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.26 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.787 W/kg; SAR(10 g) = 0.448 W/kg

Maximum value of SAR (measured) = 1.13 W/kg



P41 LTE 12_QPSK10M_Front Face_1cm_Ch23130_Ant0_Reduction_w_o_1RB_OS0

DUT: 171102C30

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

Medium: B06T09N1_1120 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.922 \text{ S/m}$; $\epsilon_r = 53.502$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7375; ConvF(9.94, 9.94, 9.94); Calibrated: 2016/12/08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2017/08/17
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.355 W/kg

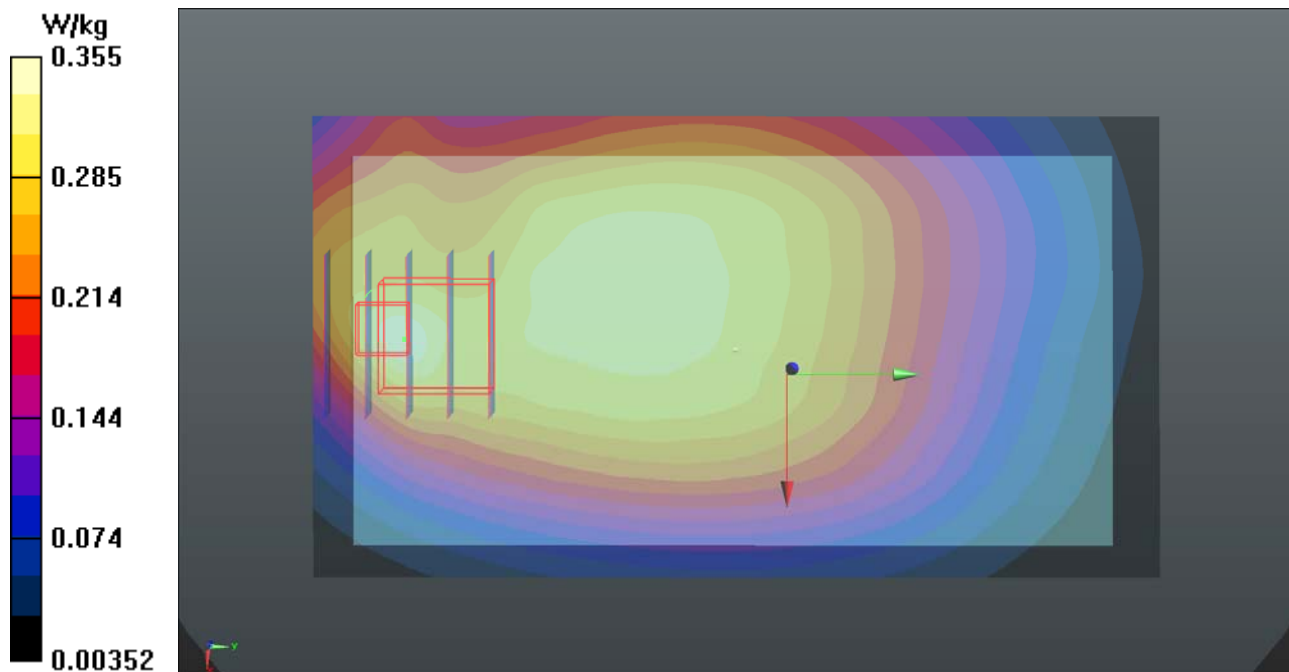
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 19.86 V/m ; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.429 W/kg

SAR(1 g) = 0.234 W/kg ; SAR(10 g) = 0.158 W/kg

Maximum value of SAR (measured) = 0.350 W/kg



P42 LTE 17_QPSK10M_Front Face_1cm_Ch23780_Ant0_Reduction_w_o_1RB_OS0

DUT: 171102C30

Communication System: LTE; Frequency: 709 MHz; Duty Cycle: 1:1

Medium: B06T09N1_1120 Medium parameters used: $f = 709 \text{ MHz}$; $\sigma = 0.92 \text{ S/m}$; $\epsilon_r = 53.515$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7375; ConvF(9.94, 9.94, 9.94); Calibrated: 2016/12/08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2017/08/17
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.348 W/kg

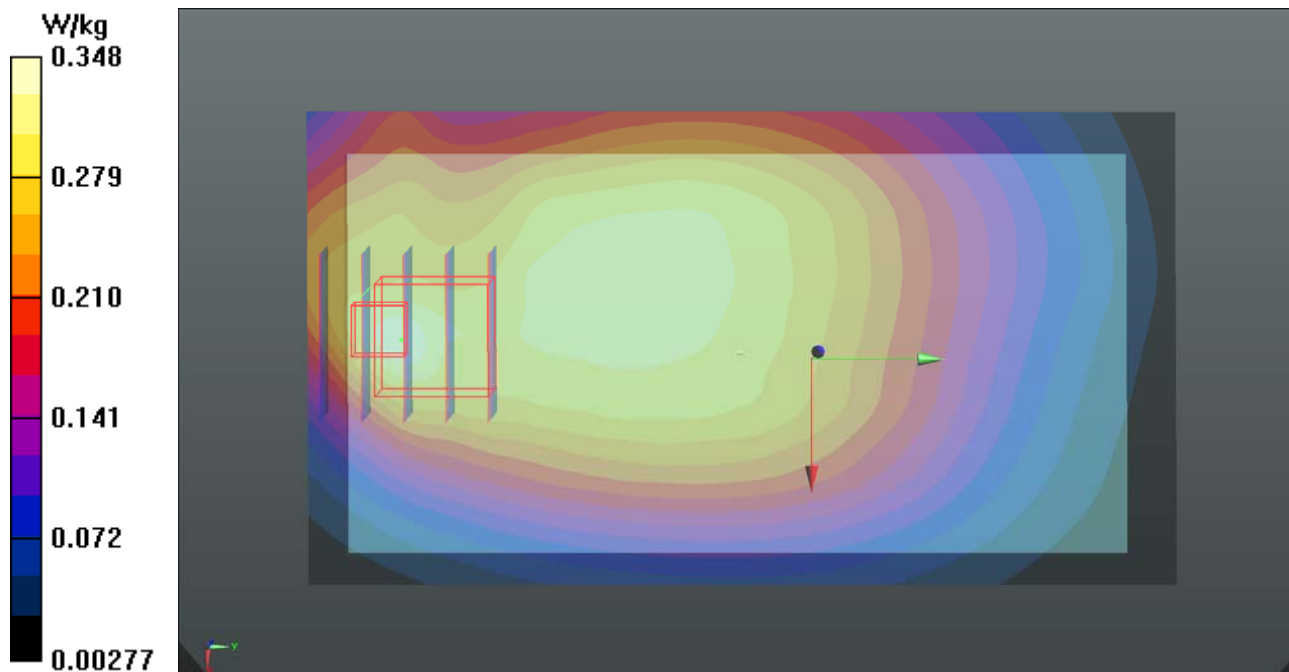
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 19.60 V/m ; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.426 W/kg

SAR(1 g) = 0.230 W/kg ; SAR(10 g) = 0.155 W/kg

Maximum value of SAR (measured) = 0.345 W/kg



P43 WLAN2.4G_802.11b_Front Face_1cm_Ch11

DUT: 171102C30

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

Medium: B19T27N2_1128 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.034$ S/m; $\epsilon_r = 50.526$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7375; ConvF(7.33, 7.33, 7.33); Calibrated: 2016/12/08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2017/08/17
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.0965 W/kg

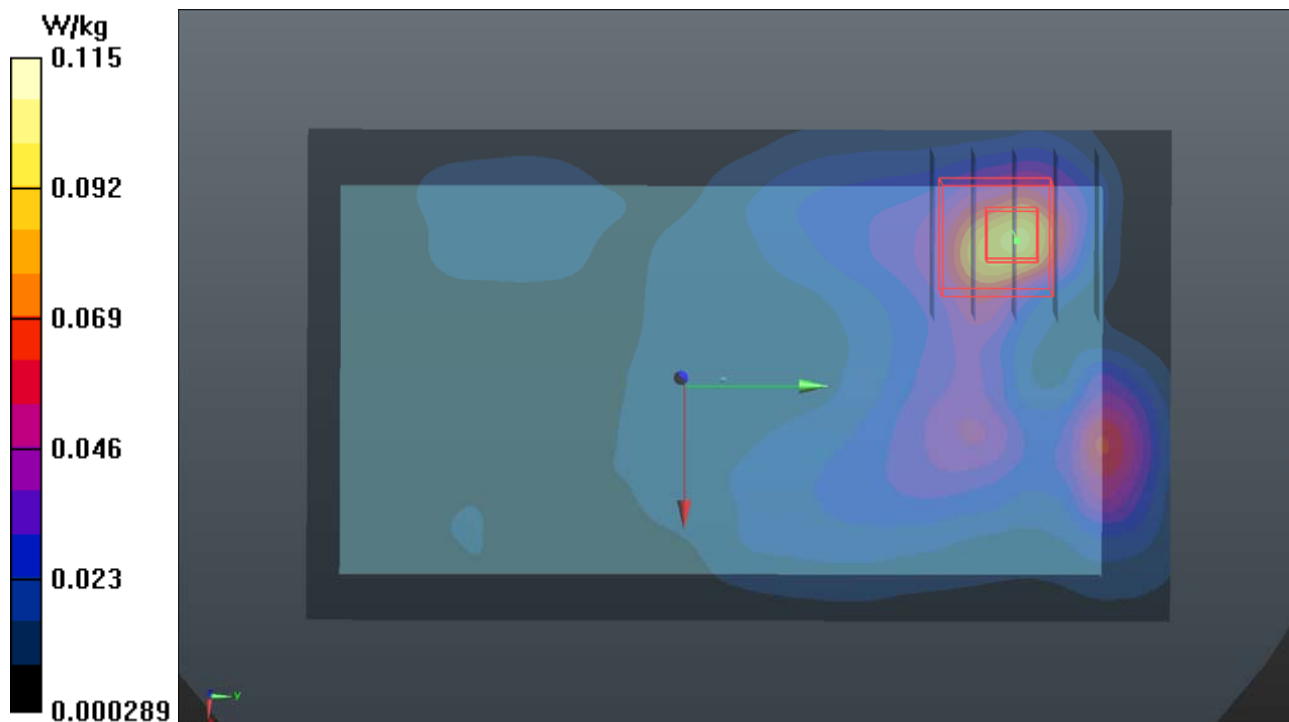
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.029 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.143 W/kg

SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.031 W/kg

Maximum value of SAR (measured) = 0.115 W/kg



P44 WLAN5G_802.11ac VH80_Front Face_1cm_Ch42

DUT: 171102C30

Communication System: WLAN_5G; Frequency: 5210 MHz; Duty Cycle: 1:1

Medium: B34T60N1_1128 Medium parameters used: $f = 5210$ MHz; $\sigma = 5.261$ S/m; $\epsilon_r = 49.429$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7375; ConvF(4.82, 4.82, 4.82); Calibrated: 2016/11/16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2017/08/17
- 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) = 0.151 W/kg

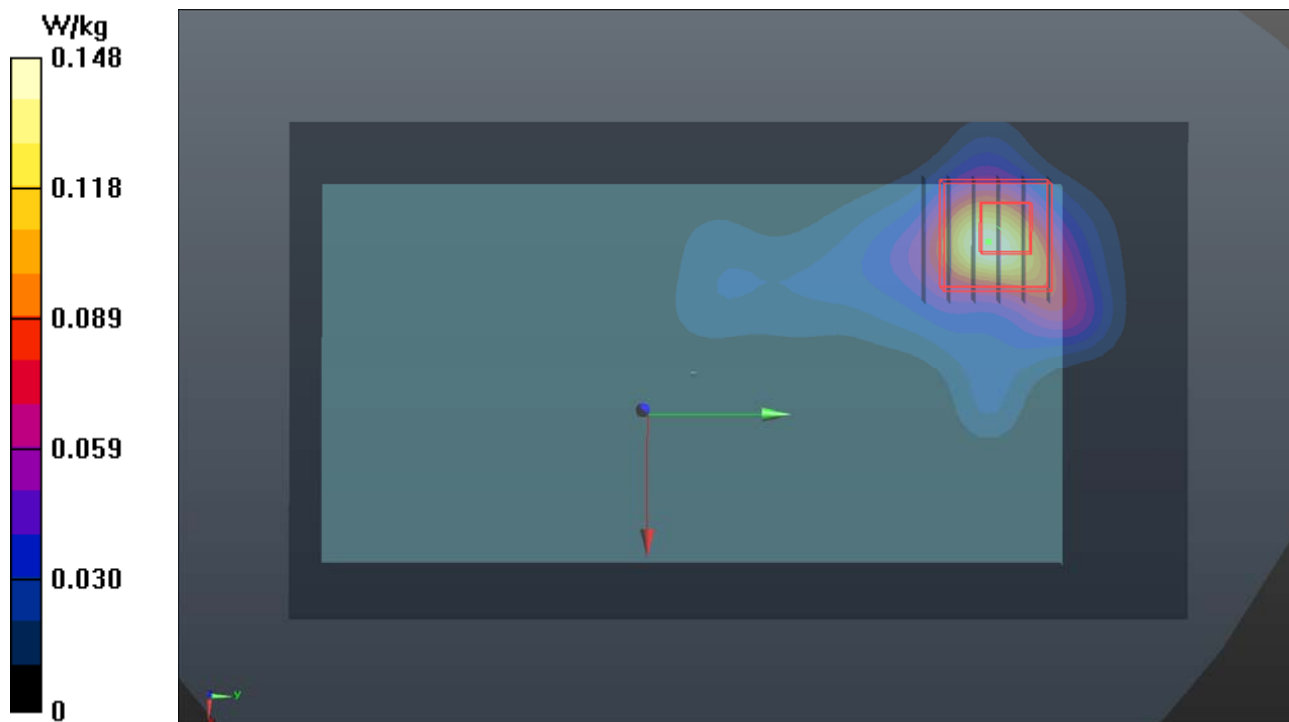
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 5.500 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.540 W/kg

SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.015 W/kg

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



P45 WLAN5G_802.11ac VH80_Front Face_1cm_Ch155

DUT: 171102C30

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

Medium: B34T60N1_1128 Medium parameters used: $f = 5775$ MHz; $\sigma = 6.034$ S/m; $\epsilon_r = 48.389$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7375; ConvF(4.08, 4.08, 4.08); Calibrated: 2016/12/08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2017/08/17
- 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) = 0.107 W/kg

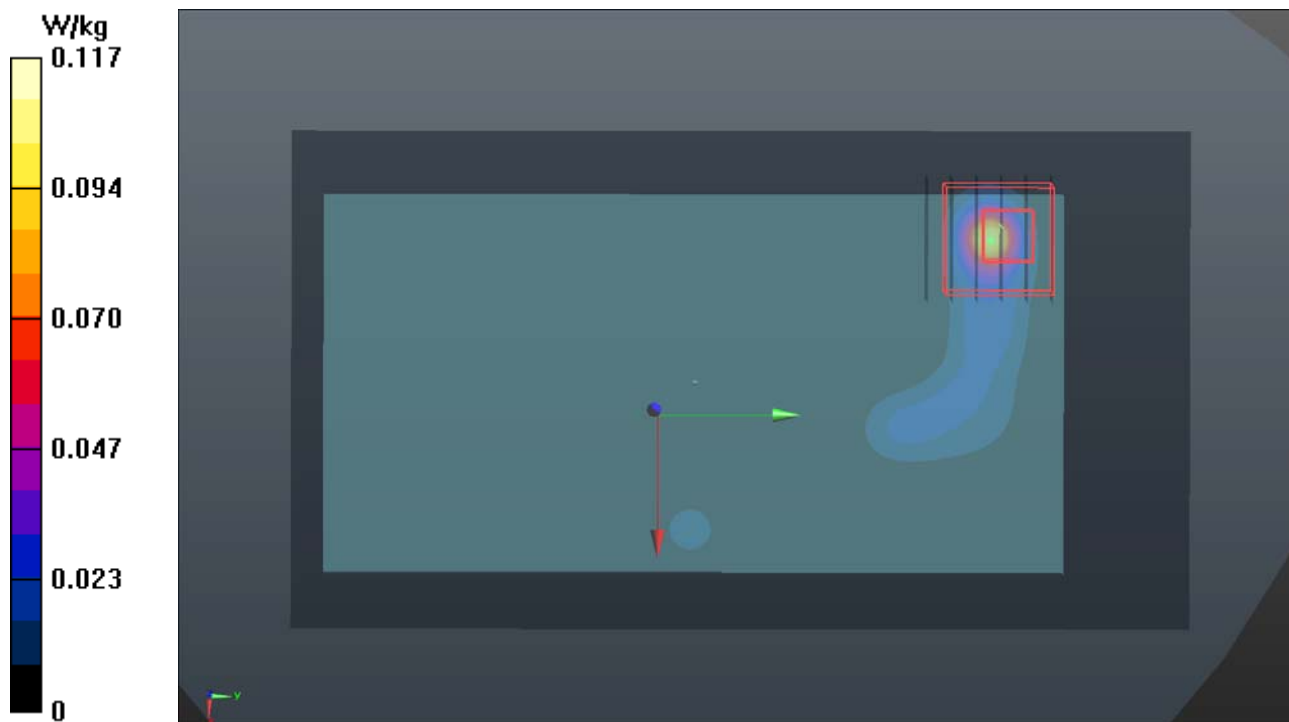
- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 4.773 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.309 W/kg

SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.00924 W/kg

Maximum value of SAR (measured) = 0.117 W/kg



P46 WLAN5G_802.11ac VH80_Front Face_0cm_Ch58

DUT: 171102C30

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

Medium: B34T60N1_1128 Medium parameters used: $f = 5290$ MHz; $\sigma = 5.379$ S/m; $\epsilon_r = 49.359$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7375; ConvF(4.57, 4.57, 4.57); Calibrated: 2016/12/08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2017/08/17
- 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) = 0.721 W/kg

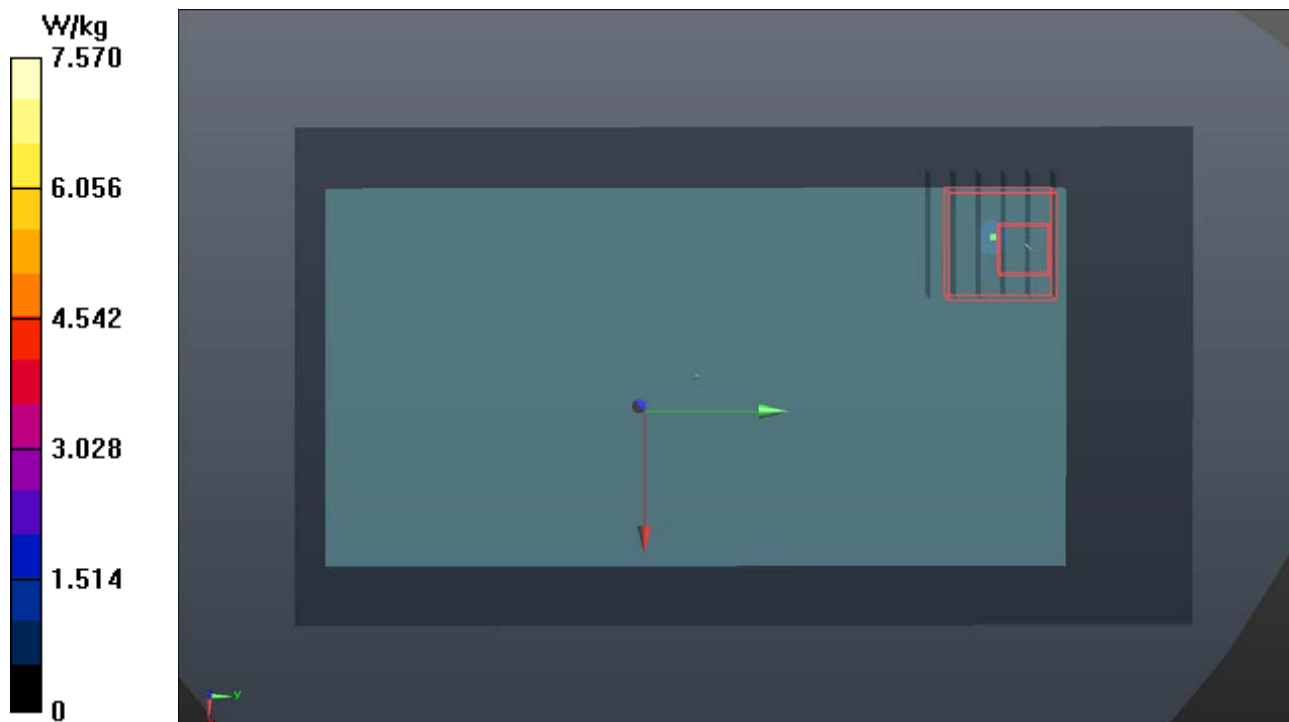
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 12.30 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 15.3 W/kg

SAR(1 g) = 1.73 W/kg; SAR(10 g) = 0.292 W/kg

Maximum value of SAR (measured) = 7.57 W/kg



P47 WLAN5G_802.11ac VH80_Front Face_0cm_Ch106

DUT: 171102C30

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

Medium: B34T60N1_1128 Medium parameters used: $f = 5530$ MHz; $\sigma = 5.689$ S/m; $\epsilon_r = 48.865$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7375; ConvF(4.2, 4.2, 4.2); Calibrated: 2016/12/08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2017/08/17
- 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) = 0.964 W/kg

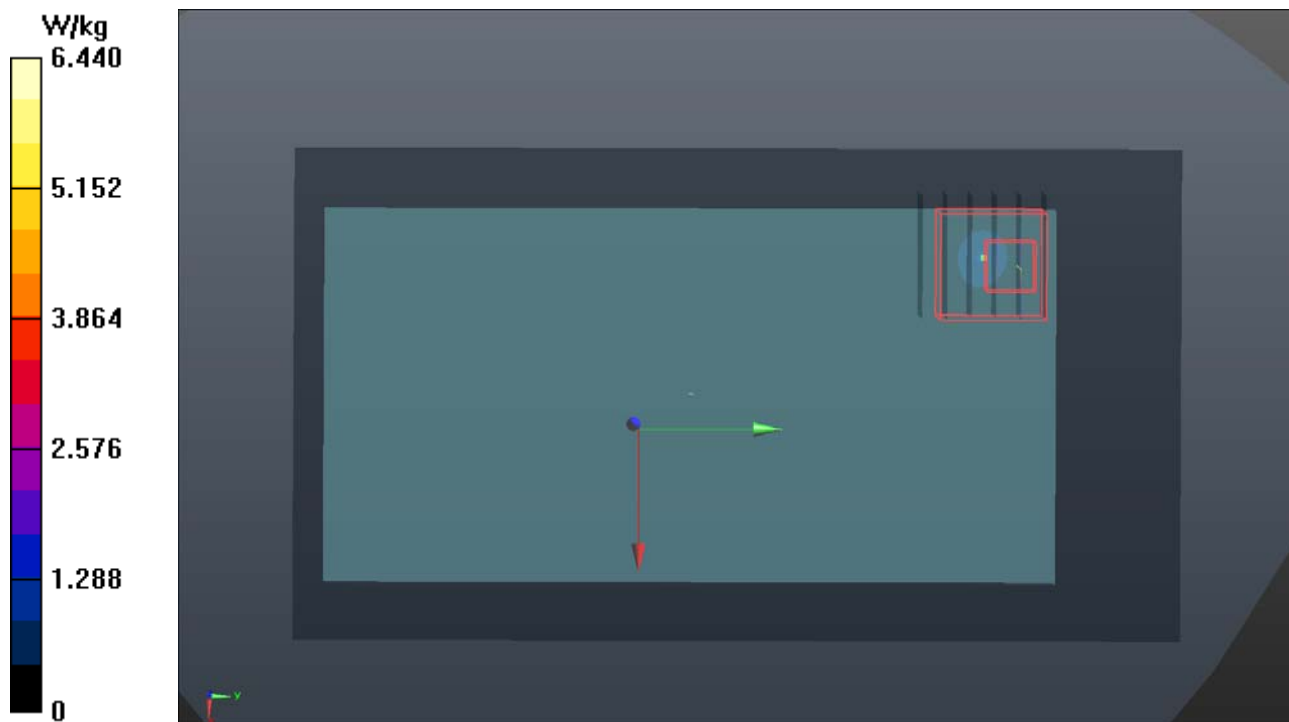
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 14.06 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 15.6 W/kg

SAR(1 g) = 1.71 W/kg; SAR(10 g) = 0.291 W/kg

Maximum value of SAR (measured) = 6.44 W/kg



P48 BT_BR_Front Face_0cm_Ch0

DUT: 171102C30

Communication System: BT; Frequency: 2402 MHz; Duty Cycle: 1:1

Medium: B19T27N2_1128 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.966$ S/m; $\epsilon_r = 50.678$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7375; ConvF(7.33, 7.33, 7.33); Calibrated: 2016/12/08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2017/08/17
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.00299 W/kg

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

Reference Value = 0.4560 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.00205 W/kg

SAR(1 g) = 0.000276 W/kg; SAR(10 g) = 6.17e-005 W/kg

Maximum value of SAR (measured) = 0.00198 W/kg

