



Appendix B. SAR Plots of SAR Measurement

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

P01 CDMA2000 BC0_RC3+SO55_Left Cheek_Ch1013_Sample2

DUT: 150324C18

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

Medium: H08T09N3_0430 Medium parameters used: $f = 825 \text{ MHz}$; $\sigma = 0.888 \text{ S/m}$; $\epsilon_r = 42.267$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.1 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(10.03, 10.03, 10.03); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

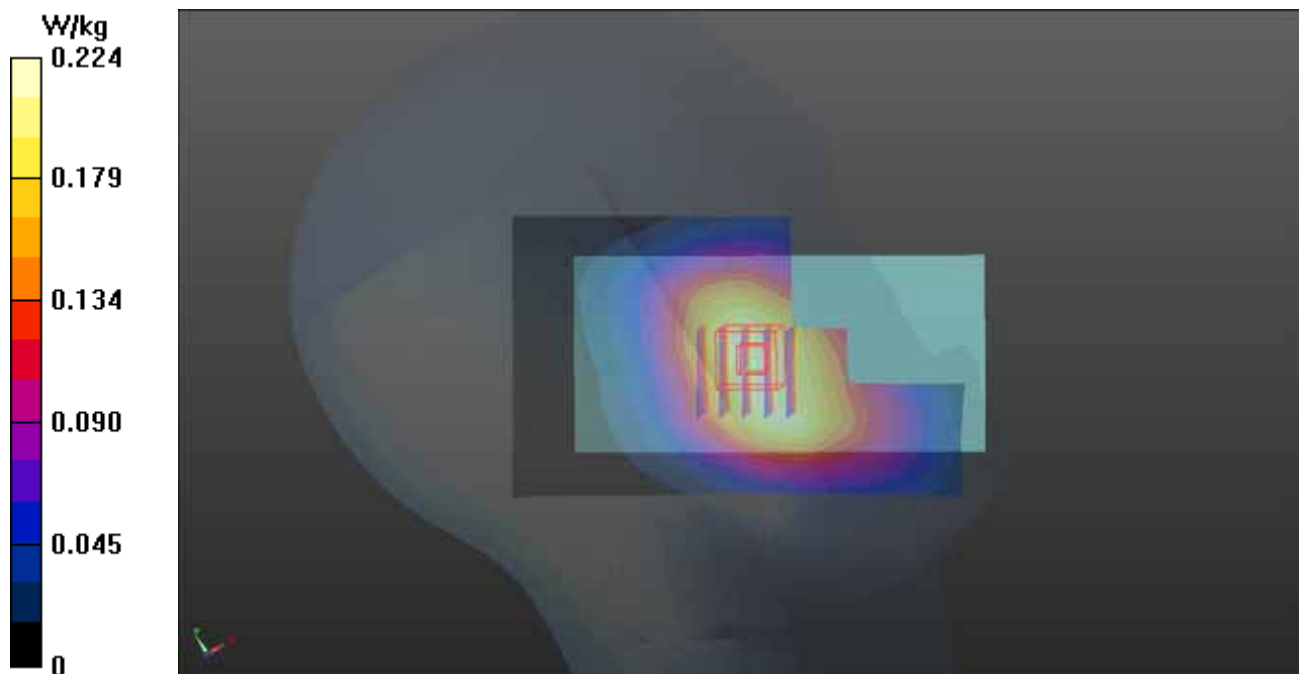
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.915 V/m ; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.252 W/kg

SAR(1 g) = 0.206 W/kg ; SAR(10 g) = 0.163 W/kg

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



P02 CDMA2000 BC1_RC3+SO55_Left Cheek_Ch25_Sample1

DUT: 150324C18

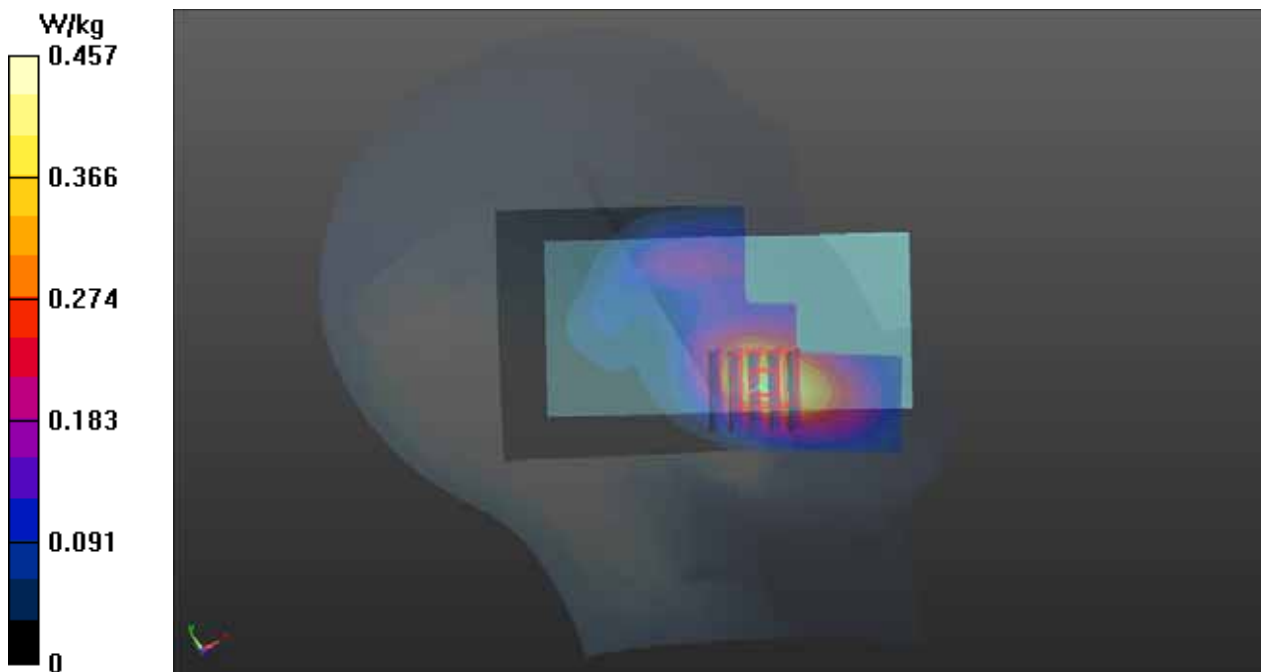
Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium: H18T19N1_0422 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.389$ S/m; $\epsilon_r = 39.413$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 22.4 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.11, 8.11, 8.11); Calibrated: 2015/03/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.457 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.599 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.560 W/kg
SAR(1 g) = 0.358 W/kg; SAR(10 g) = 0.222 W/kg
Maximum value of SAR (measured) = 0.464 W/kg



P26 CDMA2000 BC10_RC3+SO55_Right Cheek_Ch684_Sample2

DUT: 150324C18

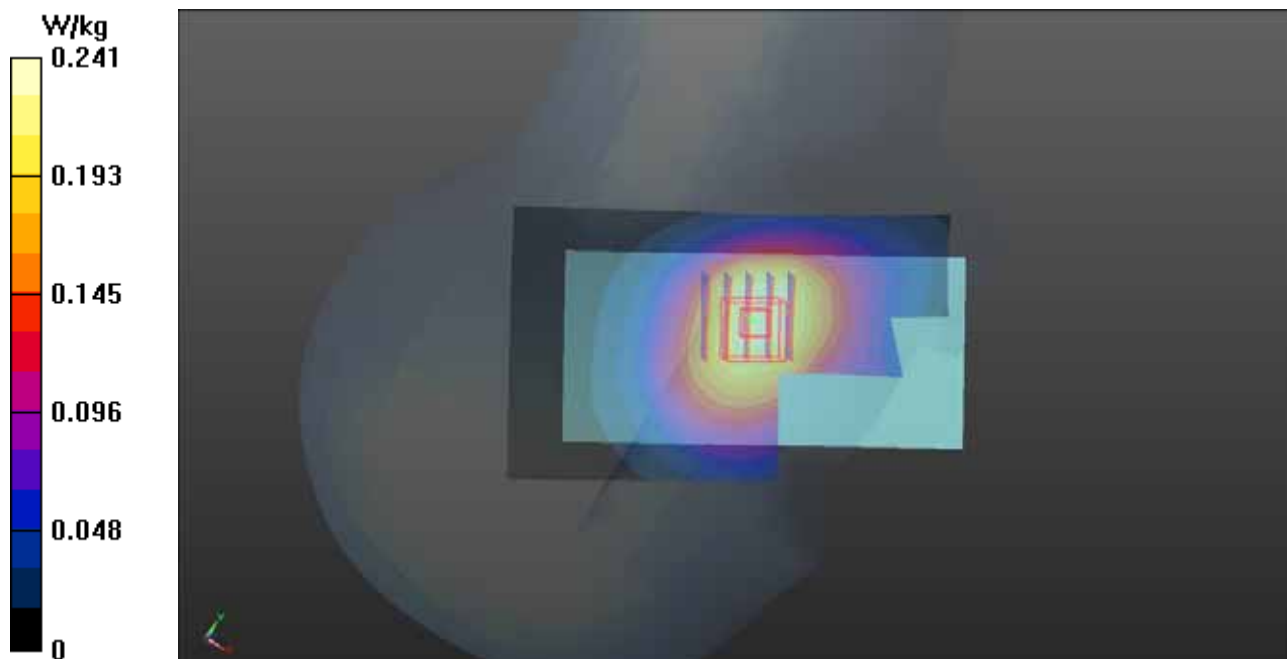
Communication System: CDMA2000; Frequency: 823.1 MHz; Duty Cycle: 1:1
Medium: H08T09N3_0515 Medium parameters used: $f = 823.1$ MHz; $\sigma = 0.902$ S/m; $\epsilon_r = 42.961$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.2 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.17, 10.17, 10.17); Calibrated: 2015/02/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2015/04/28
- Phantom: Twin SAM Phantom_1202; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.241 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.523 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.261 W/kg
SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.174 W/kg
Maximum value of SAR (measured) = 0.243 W/kg



P03 LTE 2_QPSK20M_Left Cheek_Ch18700_Sample1_1RB_OS0**DUT: 150324C18**

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

Medium: H18T19N1_0422 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.398$ S/m; $\epsilon_r = 39.369$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.11, 8.11, 8.11); Calibrated: 2015/03/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.430 W/kg

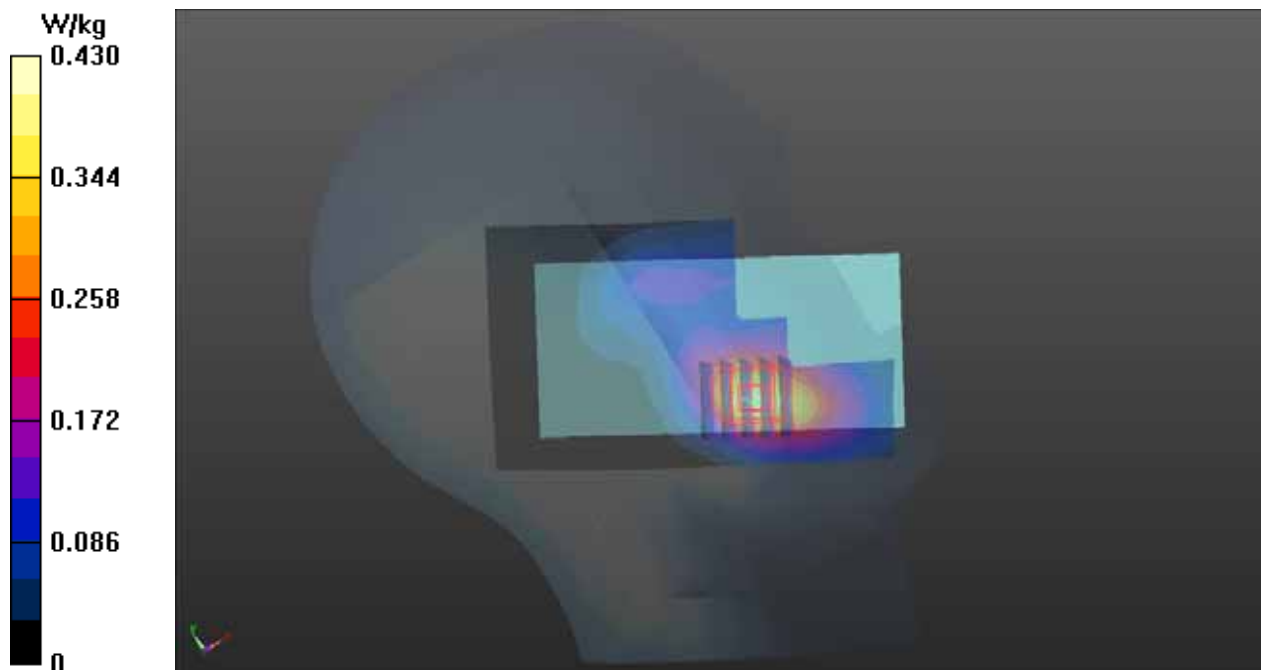
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.797 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.520 W/kg

SAR(1 g) = 0.325 W/kg; SAR(10 g) = 0.197 W/kg

Maximum value of SAR (measured) = 0.429 W/kg



P04 LTE 4_QPSK20M_Left Cheek_Ch20050_Sample1_1RB_OS0

DUT: 150324C18

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

Medium: H17T18N1_0423 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.353$ S/m; $\epsilon_r = 41.505$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.39, 8.39, 8.39); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.223 W/kg

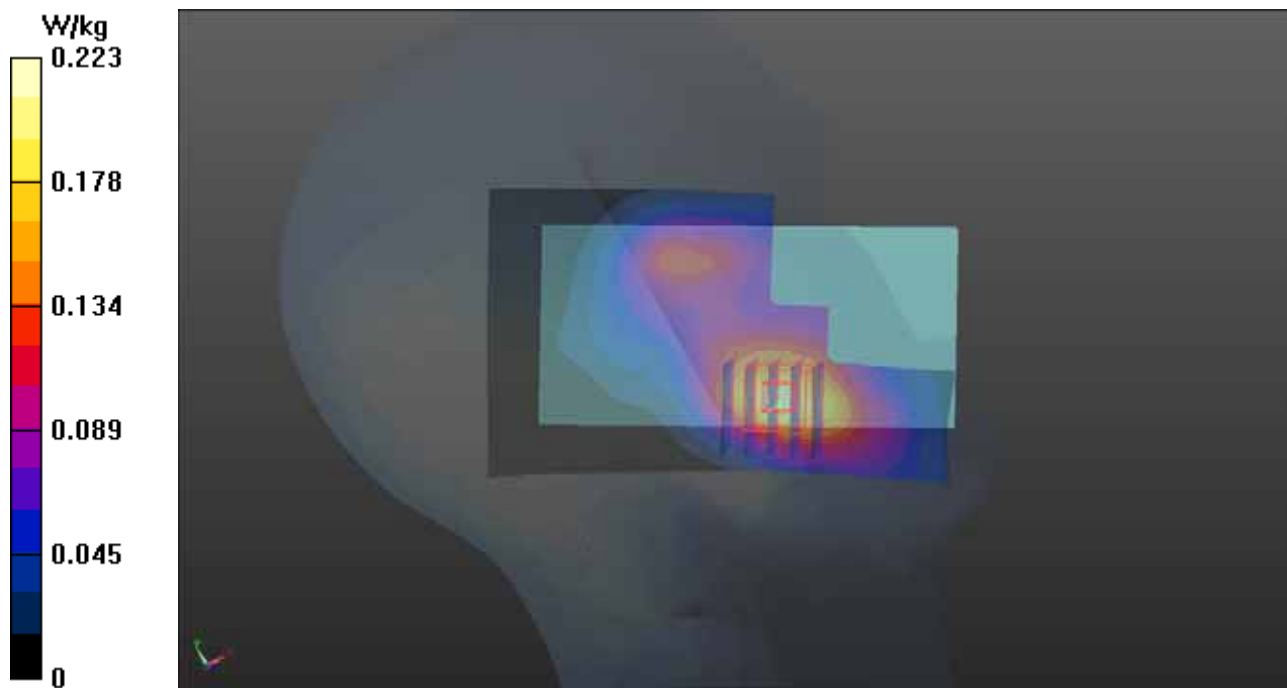
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.536 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.247 W/kg

SAR(1 g) = 0.165 W/kg; SAR(10 g) = 0.107 W/kg

Maximum value of SAR (measured) = 0.208 W/kg



P05 LTE 5_QPSK10M_Right Cheek_Ch20600_Sample2_1RB_OS0

DUT: 150324C18

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

Medium: H08T09N3_0430 Medium parameters used: $f = 844$ MHz; $\sigma = 0.907$ S/m; $\epsilon_r = 42.077$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(10.03, 10.03, 10.03); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.164 W/kg

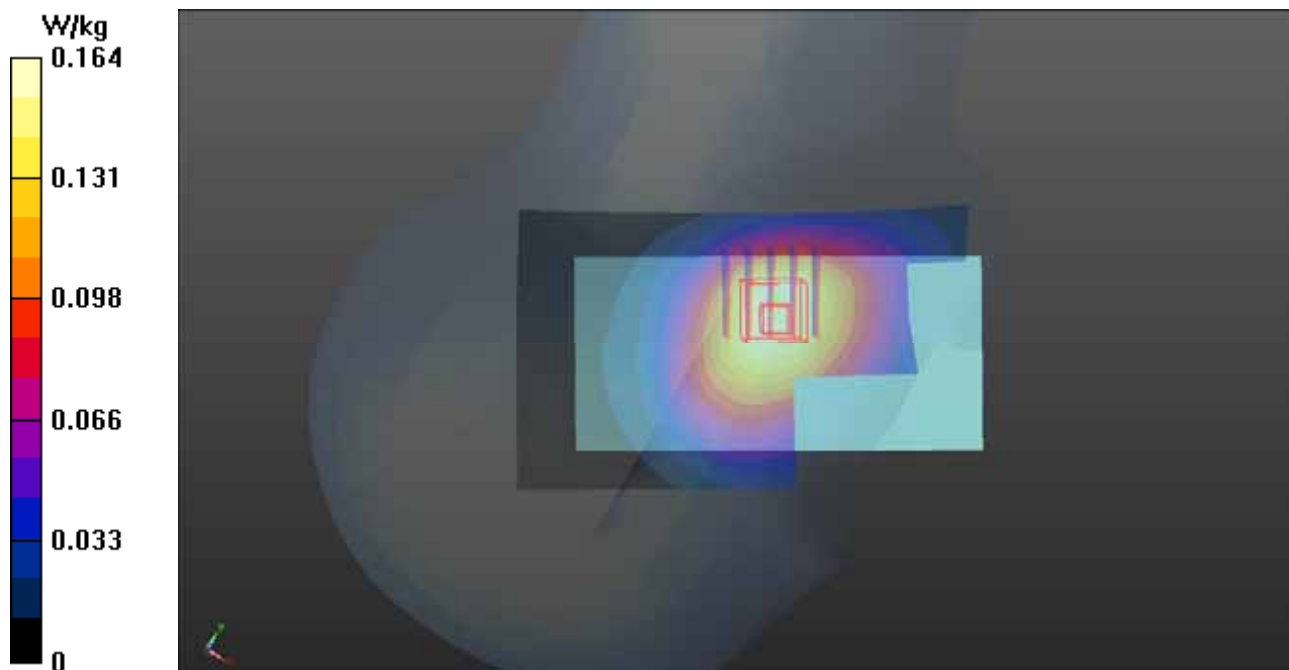
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.026 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.184 W/kg

SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.114 W/kg

Maximum value of SAR (measured) = 0.165 W/kg



P06 LTE 12_QPSK10M_Right Cheek_Ch23060_Sample1_1RB_OS24

DUT: 150324C18

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

Medium: H07T08N1_0426 Medium parameters used: $f = 704 \text{ MHz}$; $\sigma = 0.874 \text{ S/m}$; $\epsilon_r = 41.286$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $21.7 \text{ }^\circ\text{C}$; Liquid Temperature : $21.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(10.44, 10.44, 10.44); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

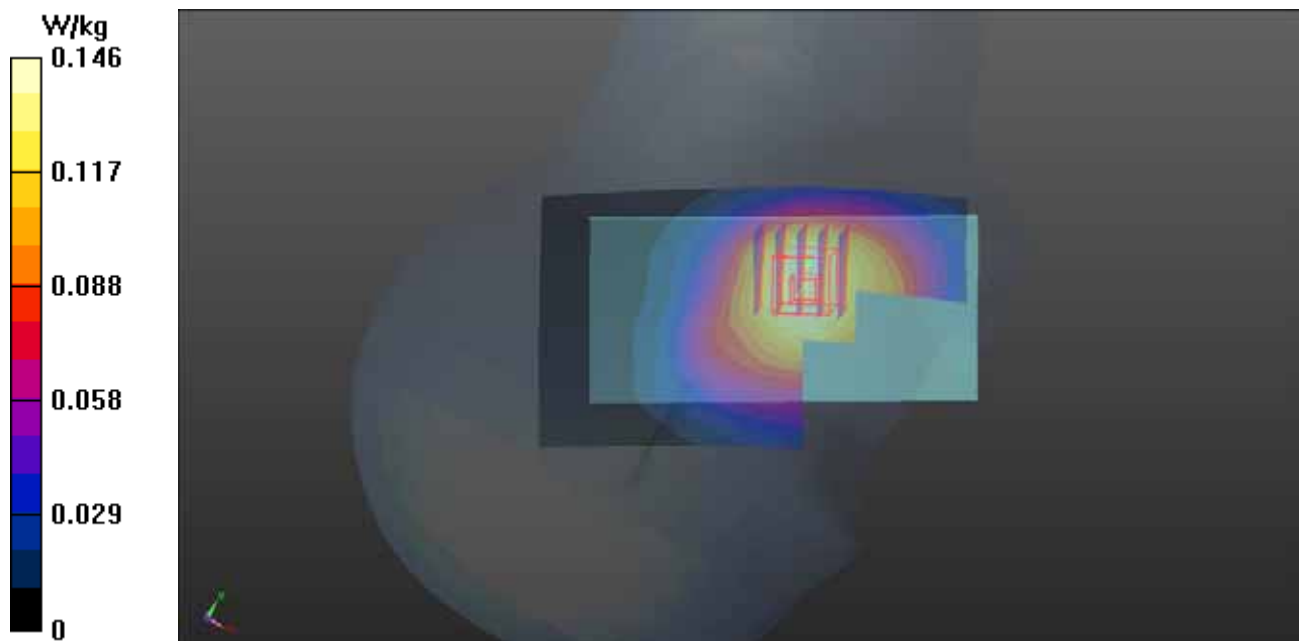
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.660 V/m ; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.155 W/kg

SAR(1 g) = 0.131 W/kg ; SAR(10 g) = 0.104 W/kg

Maximum value of SAR (measured) = 0.145 W/kg



P07 LTE 25_QPSK20M_Left Cheek_Ch26590_Sample1_1RB_OS0

DUT: 150324C18

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

Medium: H18T19N1_0423 Medium parameters used: $f = 1905$ MHz; $\sigma = 1.445$ S/m; $\epsilon_r = 39.264$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.1, 8.1, 8.1); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.315 W/kg

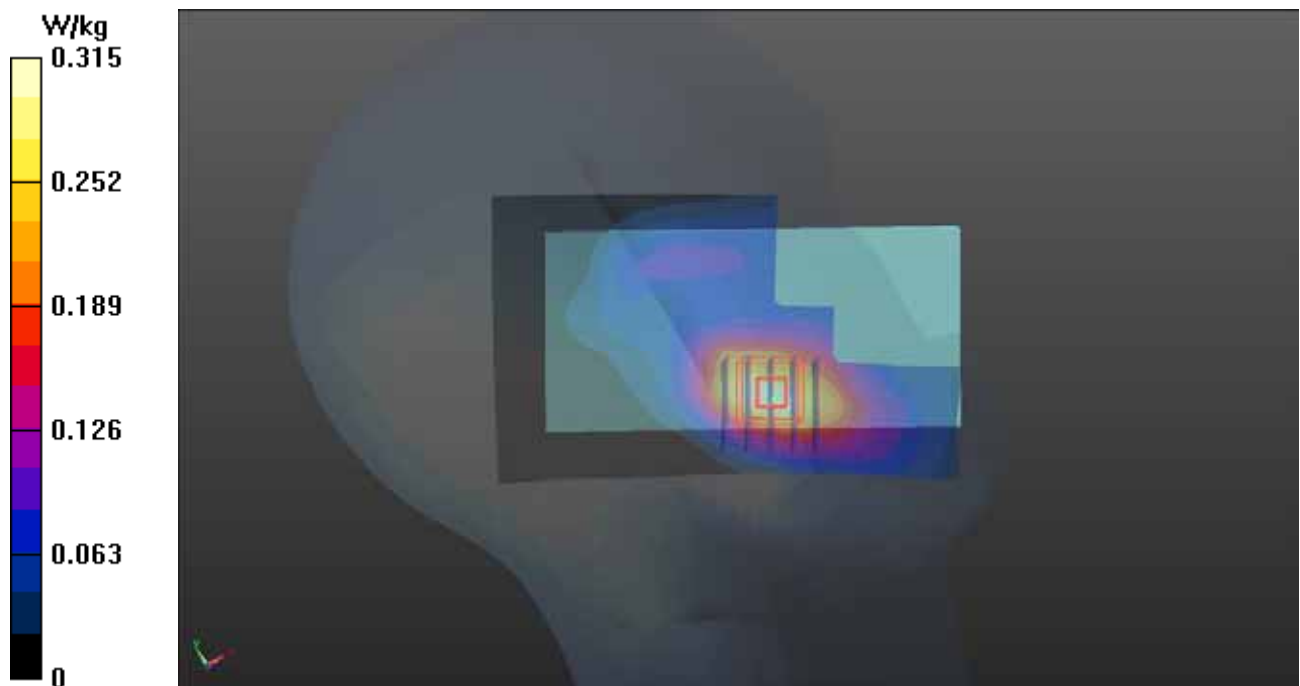
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.018 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.396 W/kg

SAR(1 g) = 0.246 W/kg; SAR(10 g) = 0.147 W/kg

Maximum value of SAR (measured) = 0.319 W/kg



P08 LTE 26_QPSK15M_Right Cheek_Ch26965_Sample2_1RB_OS37

DUT: 150324C18

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

Medium: H08T09N3_0430 Medium parameters used: $f = 841.5$ MHz; $\sigma = 0.905$ S/m; $\epsilon_r = 42.104$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(10.03, 10.03, 10.03); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=15000 mm

Maximum value of SAR (interpolated) = 0.176 W/kg

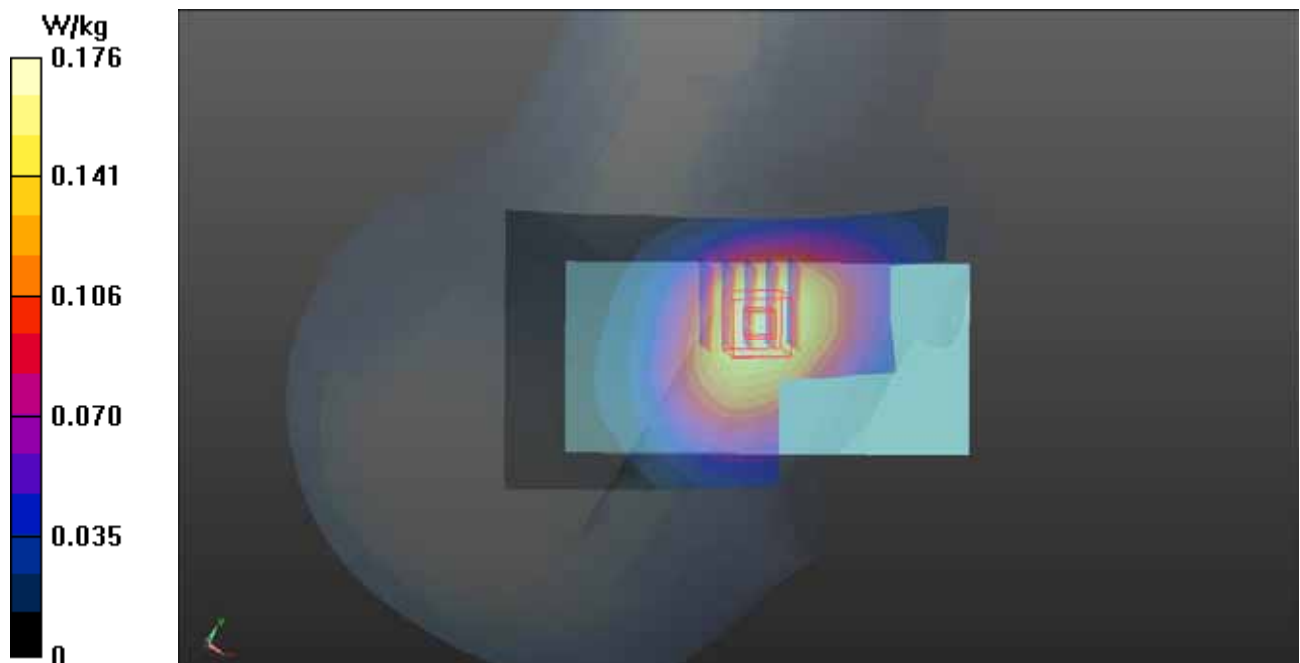
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.009 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.194 W/kg

SAR(1 g) = 0.156 W/kg; SAR(10 g) = 0.123 W/kg

Maximum value of SAR (measured) = 0.176 W/kg



P09 LTE 41_QPSK20M_Left Cheek_Ch40185_Sample1_1RB_OS50**DUT: 150324C18**

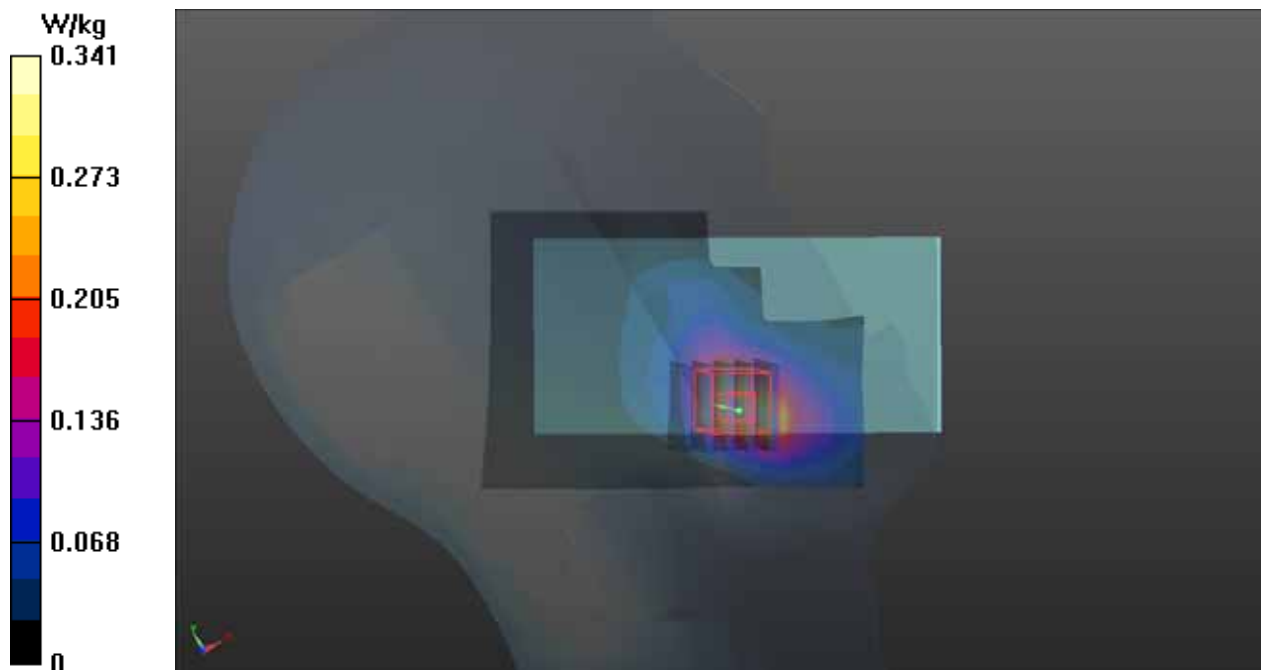
Communication System: LTE TDD CF0; Frequency: 2549.5 MHz; Duty Cycle: 1:1.58
Medium: H25T27N2_0429 Medium parameters used: $f = 2549.5$ MHz; $\sigma = 1.997$ S/m; $\epsilon_r = 37.819$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 22.0 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.24, 7.24, 7.24); Calibrated: 2015/03/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (91x151x1)**: Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.341 W/kg

- **Zoom Scan (5x5x7)/Cube 0**: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.9820 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.415 W/kg
SAR(1 g) = 0.224 W/kg; SAR(10 g) = 0.119 W/kg
Maximum value of SAR (measured) = 0.319 W/kg



P10 2.4G WLAN_802.11b_Left Cheek_Ch6_Sample2

DUT: 150324C18

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

Medium: H24T25N2_0501 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.863$ S/m; $\epsilon_r = 38.726$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.39, 7.39, 7.39); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.523 W/kg

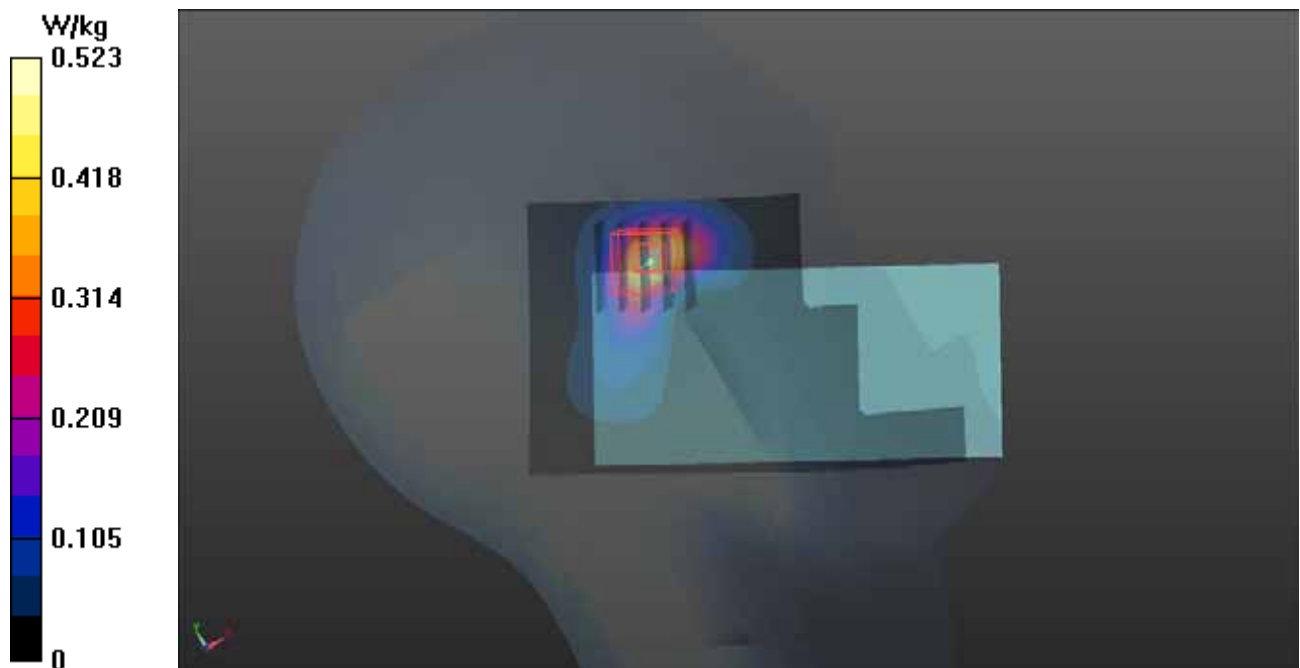
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.652 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.734 W/kg

SAR(1 g) = 0.356 W/kg; SAR(10 g) = 0.169 W/kg

Maximum value of SAR (measured) = 0.540 W/kg



P11 CDMA2000 BC0_RTAP153.6_Front Face_1m_Ch1013_Sample1

DUT: 150324C18

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

Medium: B08T09N1_0426 Medium parameters used: $f = 825$ MHz; $\sigma = 0.98$ S/m; $\epsilon_r = 55.277$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.9 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(10.04, 10.04, 10.04); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

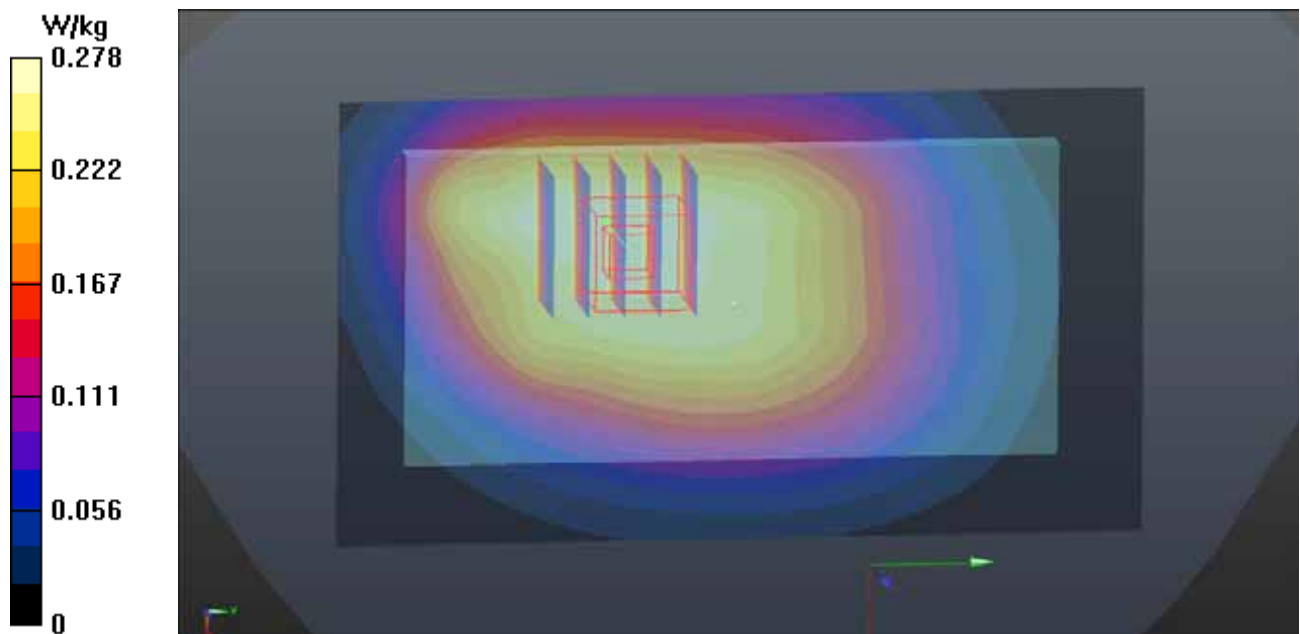
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.17 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.301 W/kg

SAR(1 g) = 0.236 W/kg; SAR(10 g) = 0.183 W/kg

Maximum value of SAR (measured) = 0.271 W/kg



P12 CDMA2000 BC1_RTAP153.6_Front Face_1cm_Ch1175_Sample2

DUT: 150324C18

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

Medium: B18T19N1_0501 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.555$ S/m; $\epsilon_r = 51.848$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.72, 7.72, 7.72); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

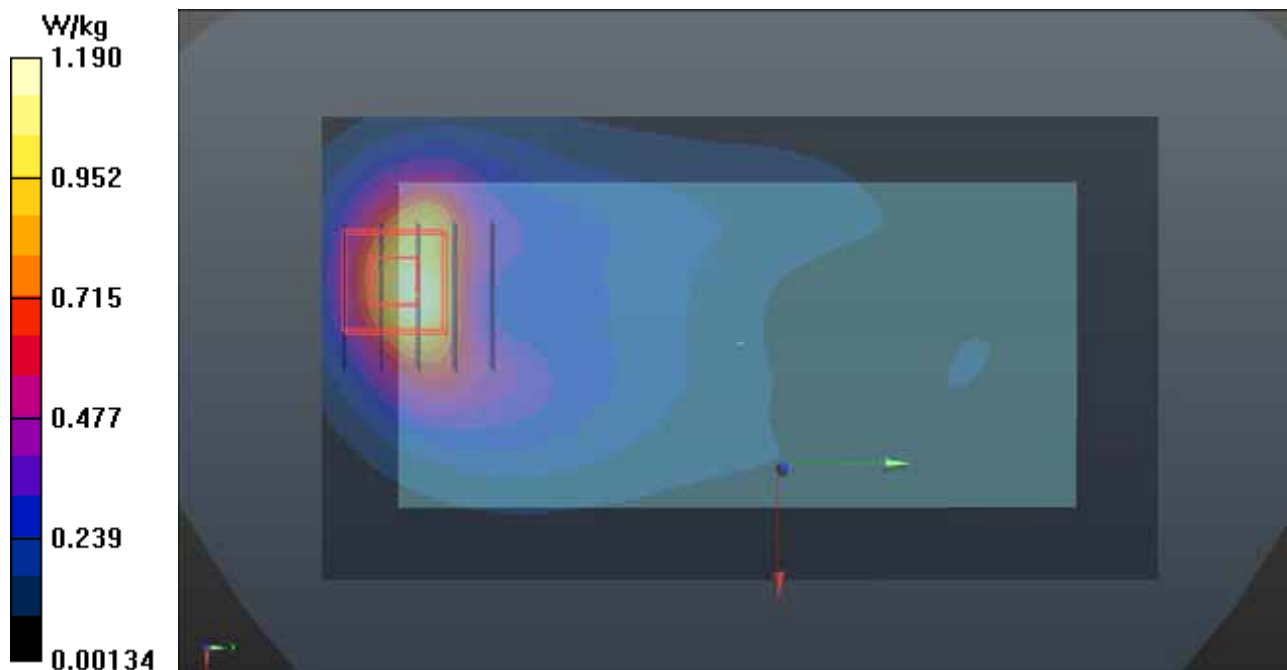
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.396 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.70 W/kg

SAR(1 g) = 0.949 W/kg; SAR(10 g) = 0.472 W/kg

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



P27 CDMA2000 BC10_RTAP153.6_Front Face_1cm_Ch684_Sample1

DUT: 150324C18

Communication System: CDMA2000; Frequency: 823.1 MHz; Duty Cycle: 1:1

Medium: B08T09N3_0515 Medium parameters used: $f = 823.1$ MHz; $\sigma = 0.981$ S/m; $\epsilon_r = 55.733$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.3, 10.3, 10.3); Calibrated: 2015/02/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2015/04/28
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

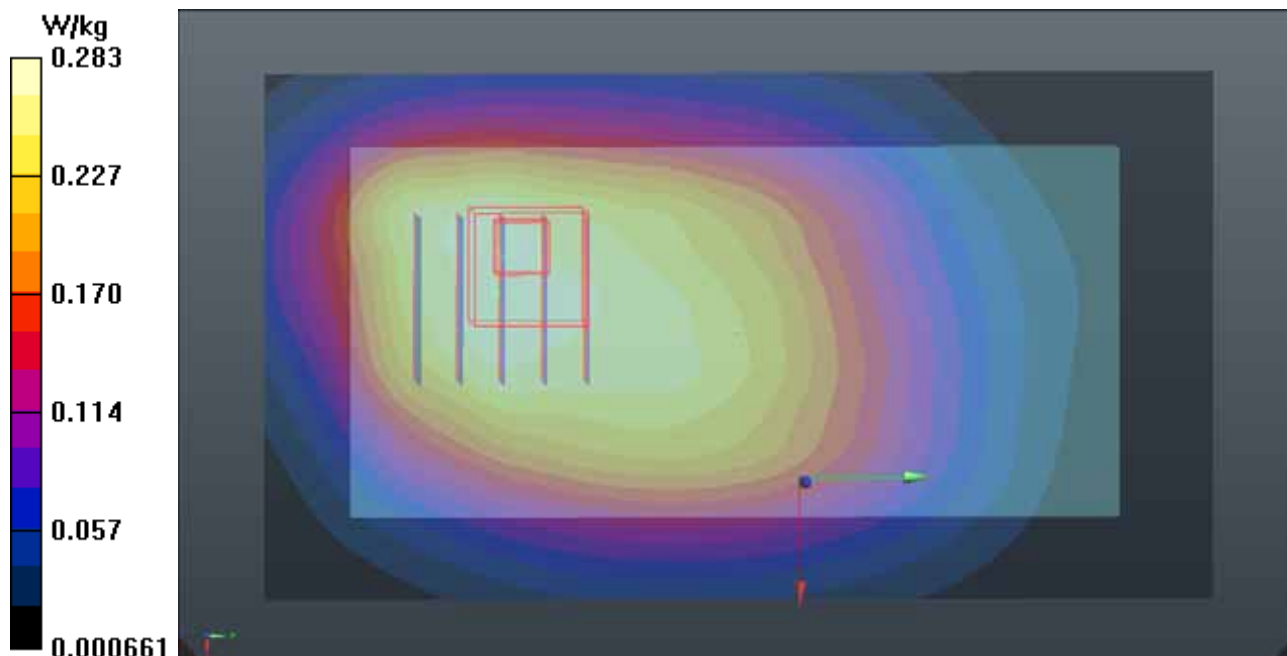
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.55 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.356 W/kg

SAR(1 g) = 0.262 W/kg; SAR(10 g) = 0.188 W/kg

Maximum value of SAR (measured) = 0.315 W/kg



P13 LTE 2_QPSK20M_Front Face_1cm_Ch18700_Sample1_1RB_OS0

DUT: 150324C18

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

Medium: B18T19N1_0427 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.504$ S/m; $\epsilon_r = 53.084$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.72, 7.72, 7.72); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.835 W/kg

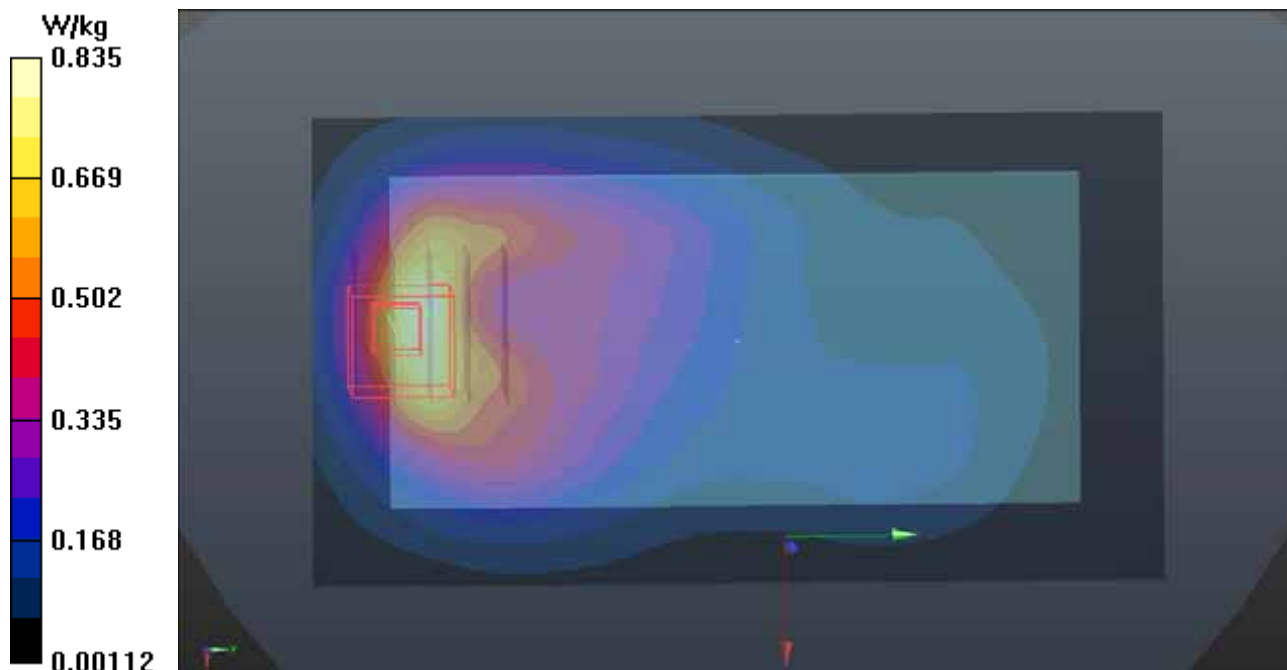
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.86 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.949 W/kg

SAR(1 g) = 0.572 W/kg; SAR(10 g) = 0.318 W/kg

Maximum value of SAR (measured) = 0.767 W/kg



P14 LTE 4_QPSK20M_Rear Face_1cm_Ch20050_Sample1_1RB_OS0

DUT: 150324C18

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

Medium: B17T18N1_0427 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.459$ S/m; $\epsilon_r = 51.337$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.02, 8.02, 8.02); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.422 W/kg

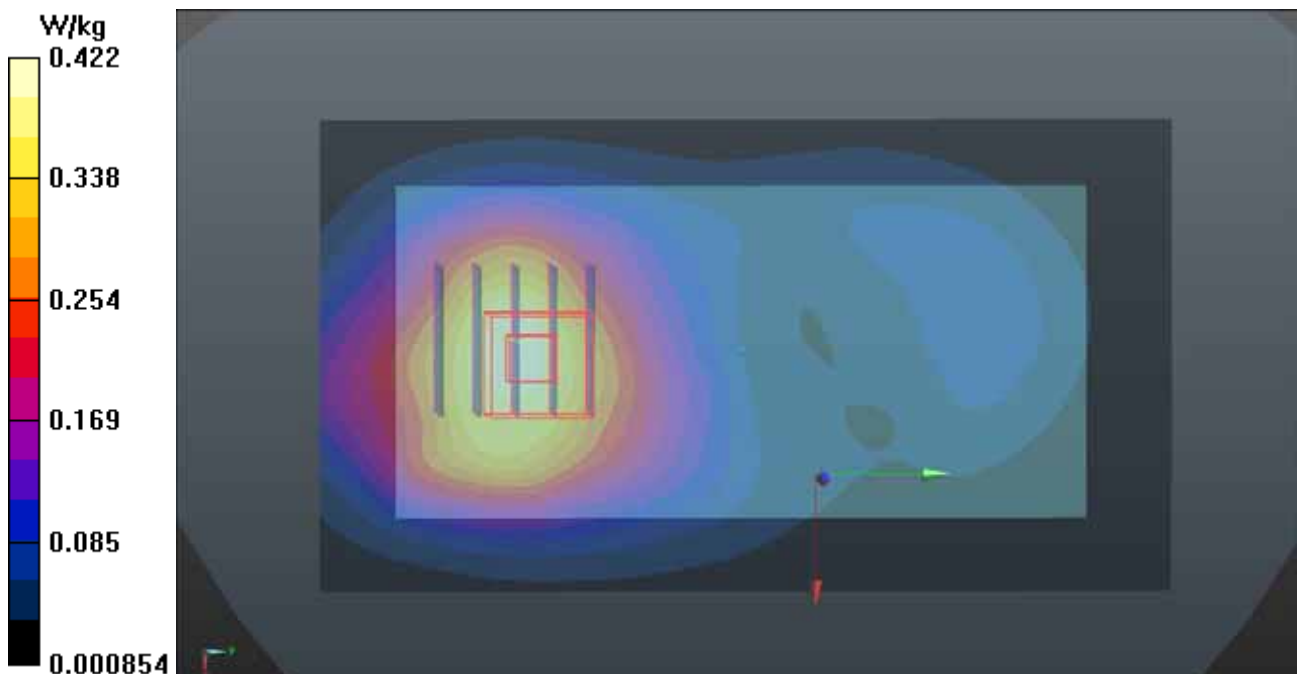
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.595 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.487 W/kg

SAR(1 g) = 0.322 W/kg; SAR(10 g) = 0.206 W/kg

Maximum value of SAR (measured) = 0.404 W/kg



P15 LTE 5_QPSK10M_Front Face_1cm_Ch20600_Sample1_1RB_OS0

DUT: 150324C18

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

Medium: B08T09N1_0428 Medium parameters used: $f = 844 \text{ MHz}$; $\sigma = 1.002 \text{ S/m}$; $\epsilon_r = 55.433$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $21.8 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(10.04, 10.04, 10.04); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.209 W/kg

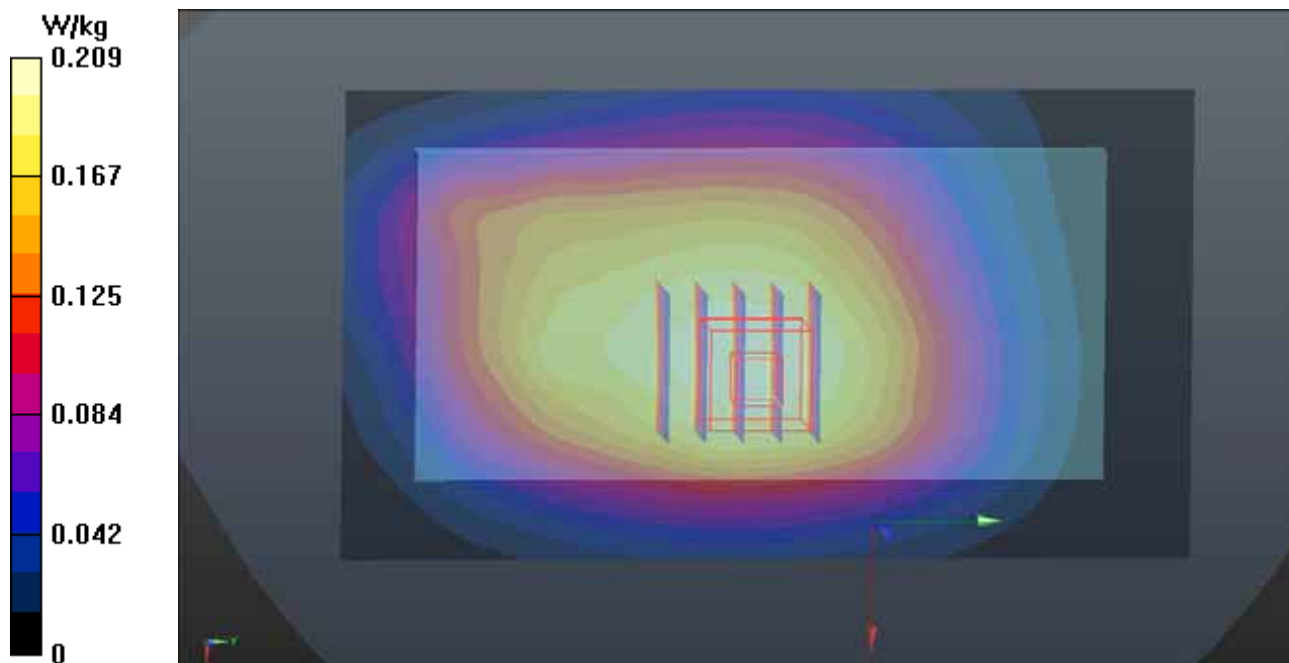
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.72 V/m ; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.244 W/kg

SAR(1 g) = 0.186 W/kg ; SAR(10 g) = 0.139 W/kg

Maximum value of SAR (measured) = 0.218 W/kg



P16 LTE 12_QPSK10M_Rear Face_1cm_Ch23060_Sample1_1RB_OS24**DUT: 150324C18**

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

Medium: B07T08N1_0428 Medium parameters used: $f = 704$ MHz; $\sigma = 0.927$ S/m; $\epsilon_r = 55.554$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.9 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(9.82, 9.82, 9.82); Calibrated: 2015/03/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

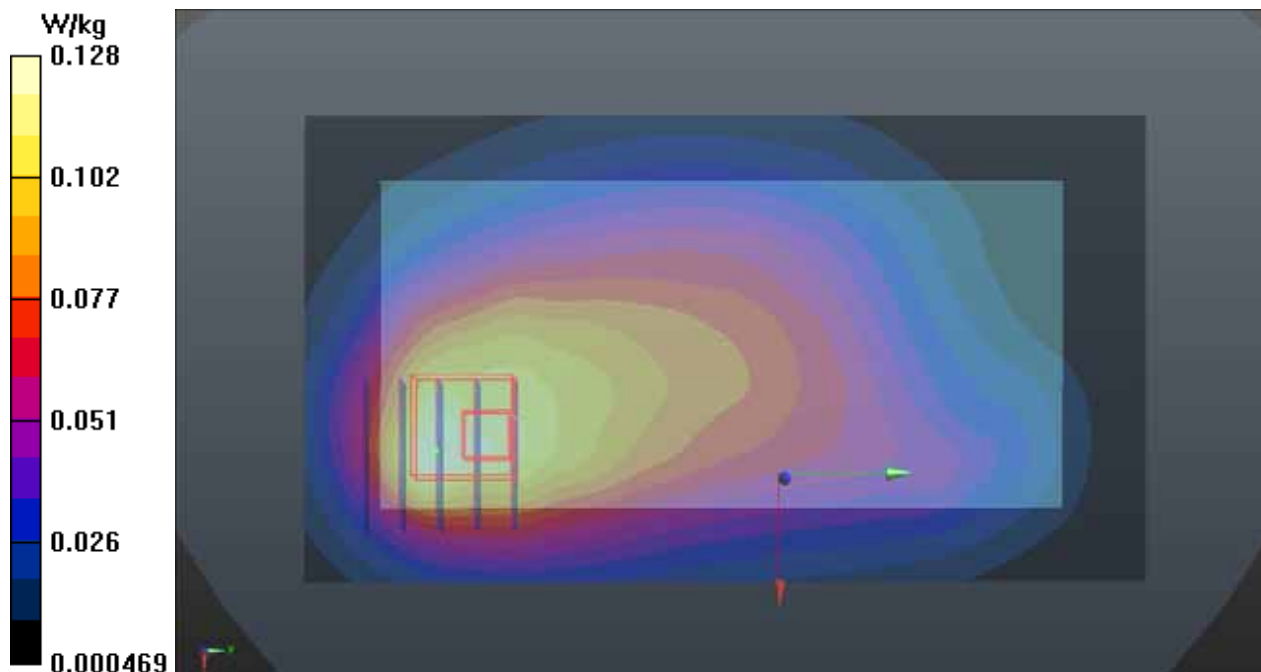
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.352 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.133 W/kg

SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.055 W/kg

Maximum value of SAR (measured) = 0.113 W/kg



P17 LTE 25_QPSK20M_Front Face_1cm_Ch26590_Sample1_1RB_OS0

DUT: 150324C18

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

Medium: B18T19N1_0427 Medium parameters used: $f = 1905$ MHz; $\sigma = 1.529$ S/m; $\epsilon_r = 51.494$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.72, 7.72, 7.72); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.641 W/kg

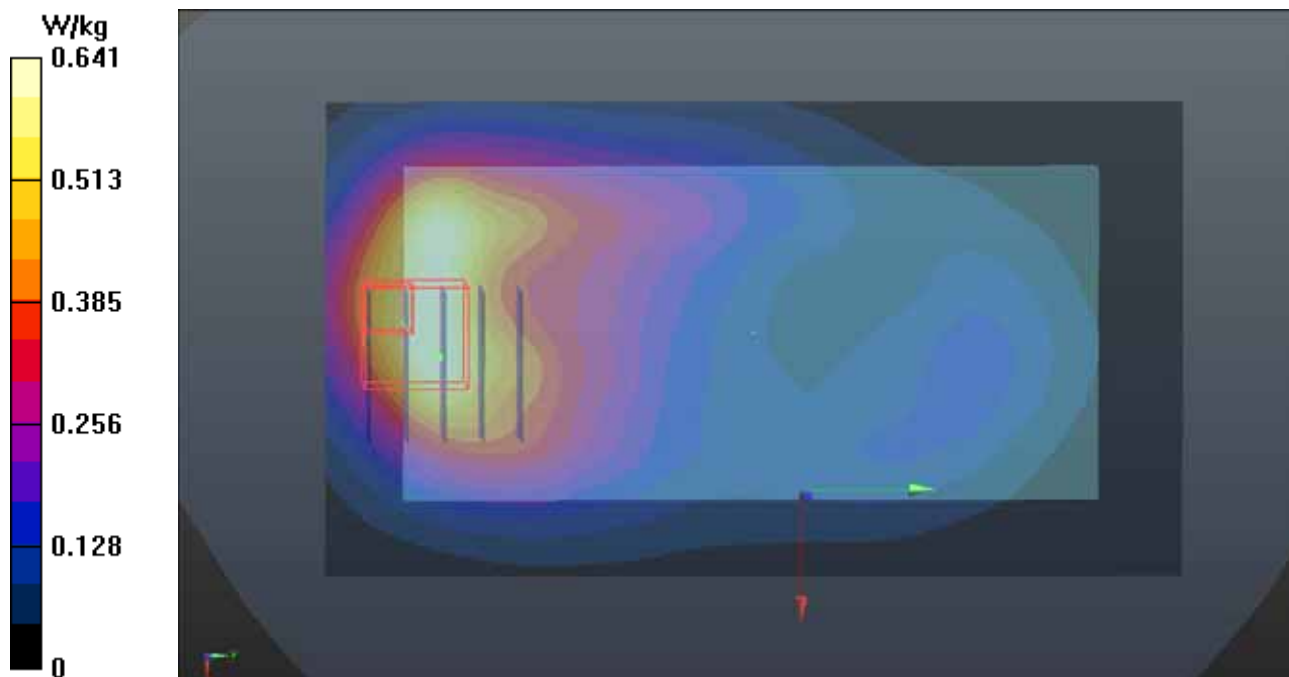
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.636 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.949 W/kg

SAR(1 g) = 0.572 W/kg; SAR(10 g) = 0.294 W/kg

Maximum value of SAR (measured) = 0.765 W/kg



P18 LTE 26_QPSK15M_Front Face_1cm_Ch26965_Sample1_1RB_OS37

DUT: 150324C18

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

Medium: B08T09N1_0428 Medium parameters used: $f = 841.5$ MHz; $\sigma = 0.98$ S/m; $\epsilon_r = 54.001$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.9 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(9.73, 9.73, 9.73); Calibrated: 2015/03/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

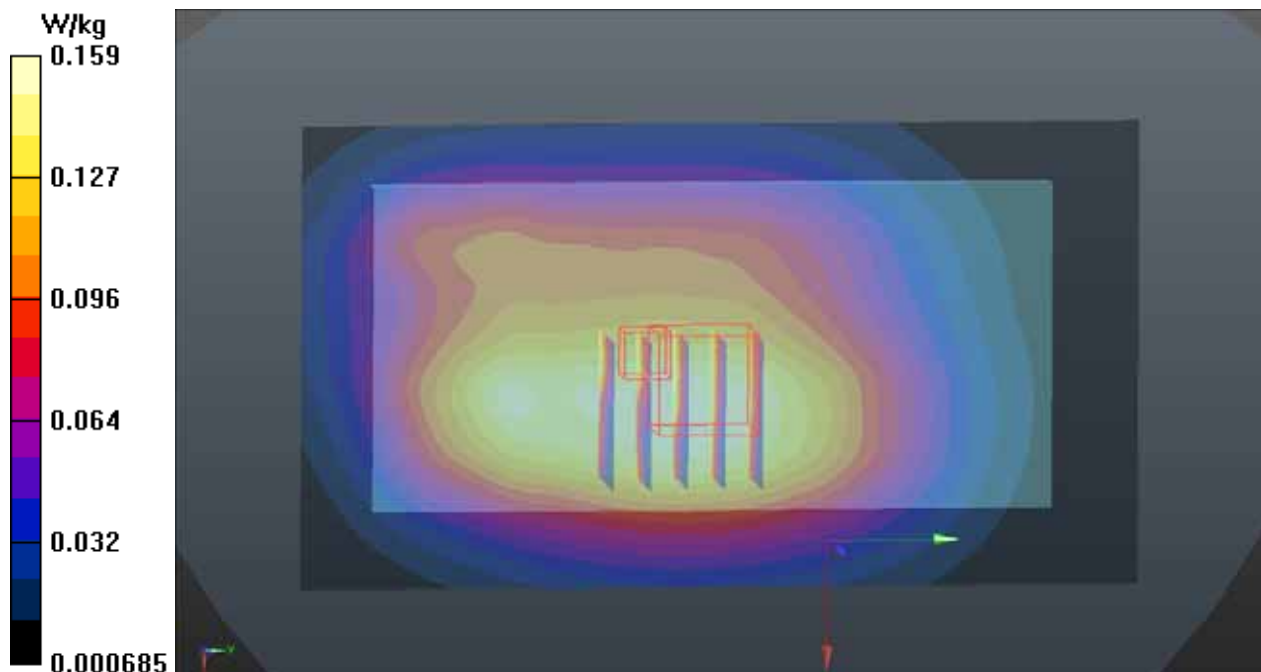
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.64 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.186 W/kg

SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.110 W/kg

Maximum value of SAR (measured) = 0.166 W/kg



P19 LTE 41_QPSK20M_Rear Face_1cm_Ch40185_Sample1_1RB_OS50

DUT: 150324C18

Communication System: LTE TDD CF0; Frequency: 2549.5 MHz; Duty Cycle: 1:1.58
 Medium: B25T27N2_0429 Medium parameters used: $f = 2549.5$ MHz; $\sigma = 2.13$ S/m; $\epsilon_r = 52.537$; $\rho = 1000$ kg/m³

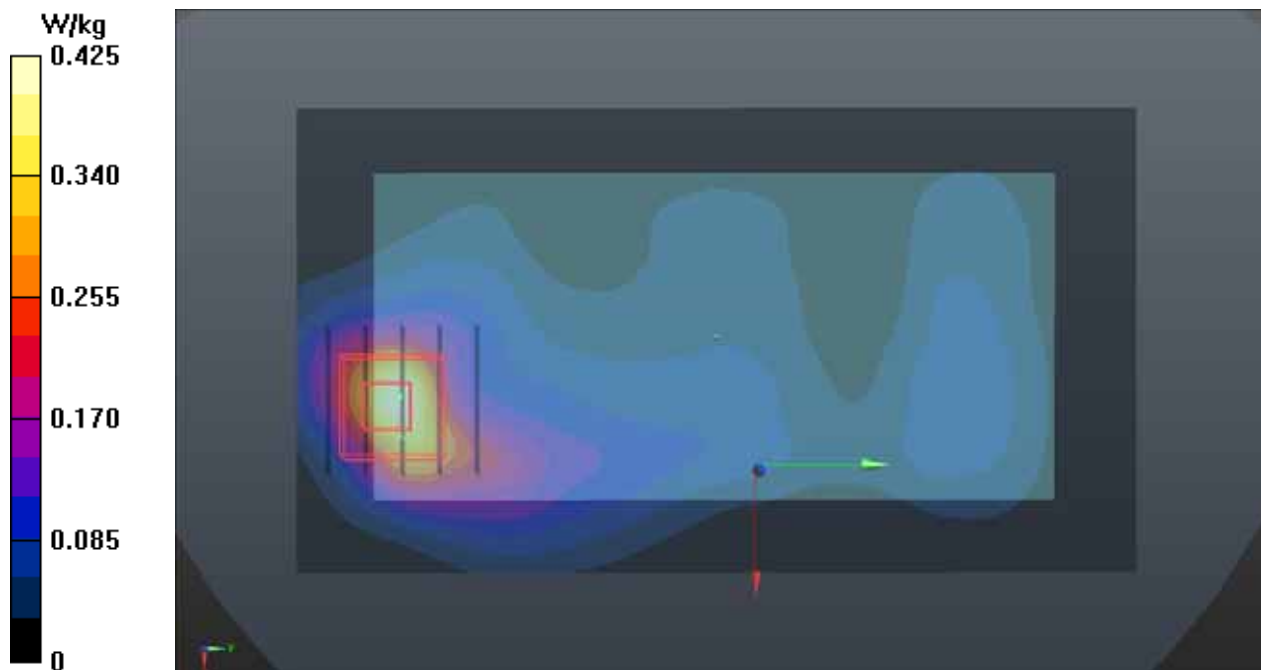
Ambient Temperature : 22.0 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(6.77, 6.77, 6.77); Calibrated: 2015/03/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 0.425 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 5.968 V/m; Power Drift = -0.15 dB
 Peak SAR (extrapolated) = 0.593 W/kg
SAR(1 g) = 0.285 W/kg; SAR(10 g) = 0.132 W/kg
 Maximum value of SAR (measured) = 0.417 W/kg



P20 2.4G WLAN_802.11b_Rear Face_1cm_Ch6_Sample2

DUT: 150324C18

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

Medium: B24T25N2_0501 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.966$ S/m; $\epsilon_r = 53.586$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.14, 7.14, 7.14); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.890 W/kg

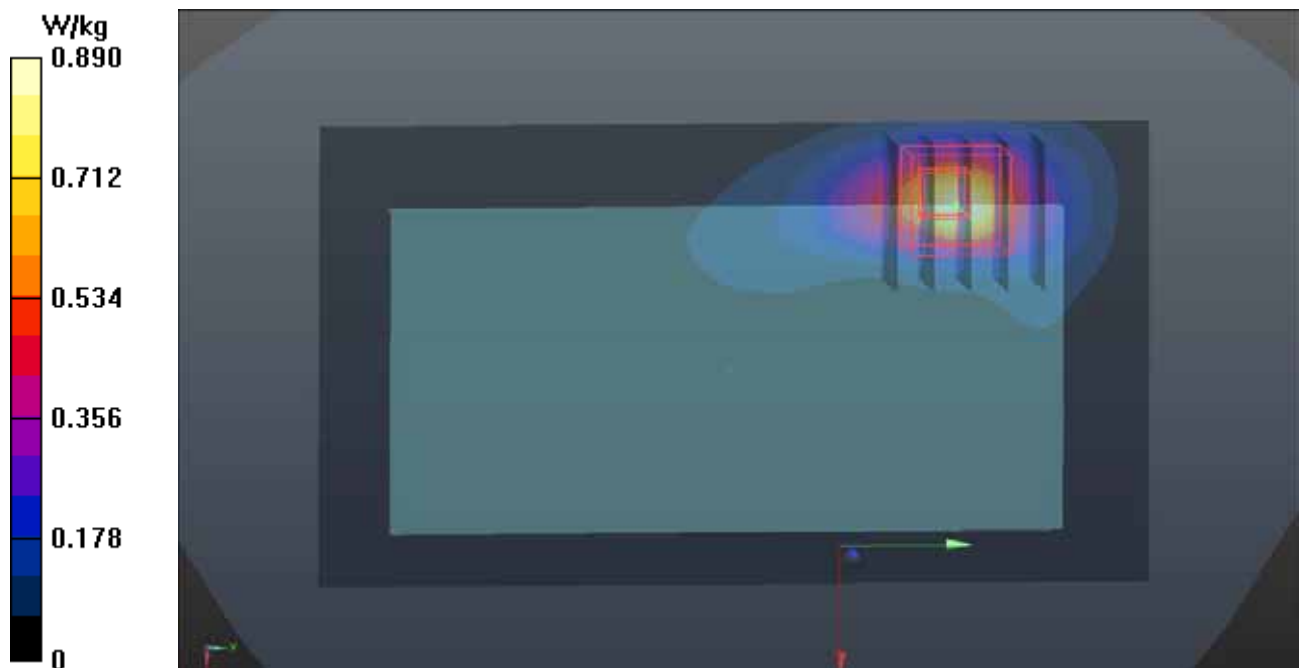
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.145 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.654 W/kg; SAR(10 g) = 0.291 W/kg

Maximum value of SAR (measured) = 0.977 W/kg



P21 LTE 2_QPSK20M_Bottom Side_1cm_Ch19100_Sample2_1RB_OS0

DUT: 150324C18

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

Medium: B18T19N1_0501 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.544$ S/m; $\epsilon_r = 51.872$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.72, 7.72, 7.72); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (61x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

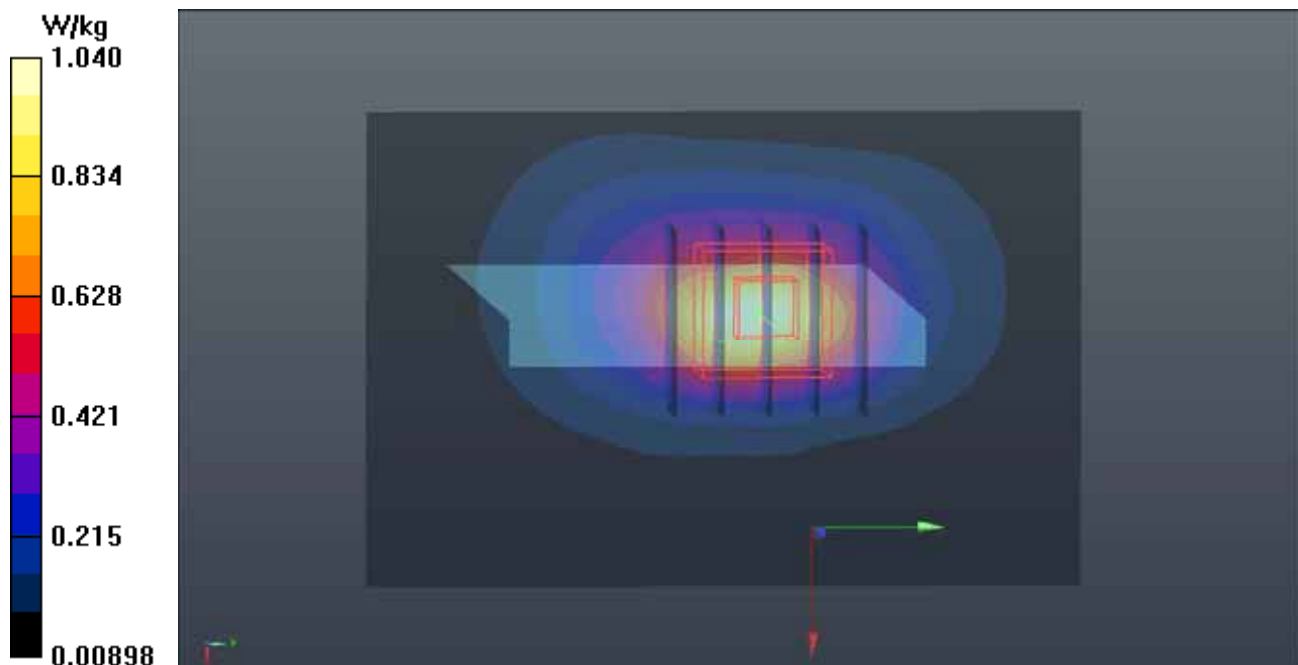
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.64 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.76 W/kg

SAR(1 g) = 0.964 W/kg; SAR(10 g) = 0.473 W/kg

Maximum value of SAR (measured) = 1.39 W/kg



P22 LTE 4_QPSK20M_Bottom Side_1cm_Ch20050_Sample2_1RB_OS0

DUT: 150324C18

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

Medium: B17T18N1_0501 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.446$ S/m; $\epsilon_r = 52.485$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.02, 8.02, 8.02); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (61x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.466 W/kg

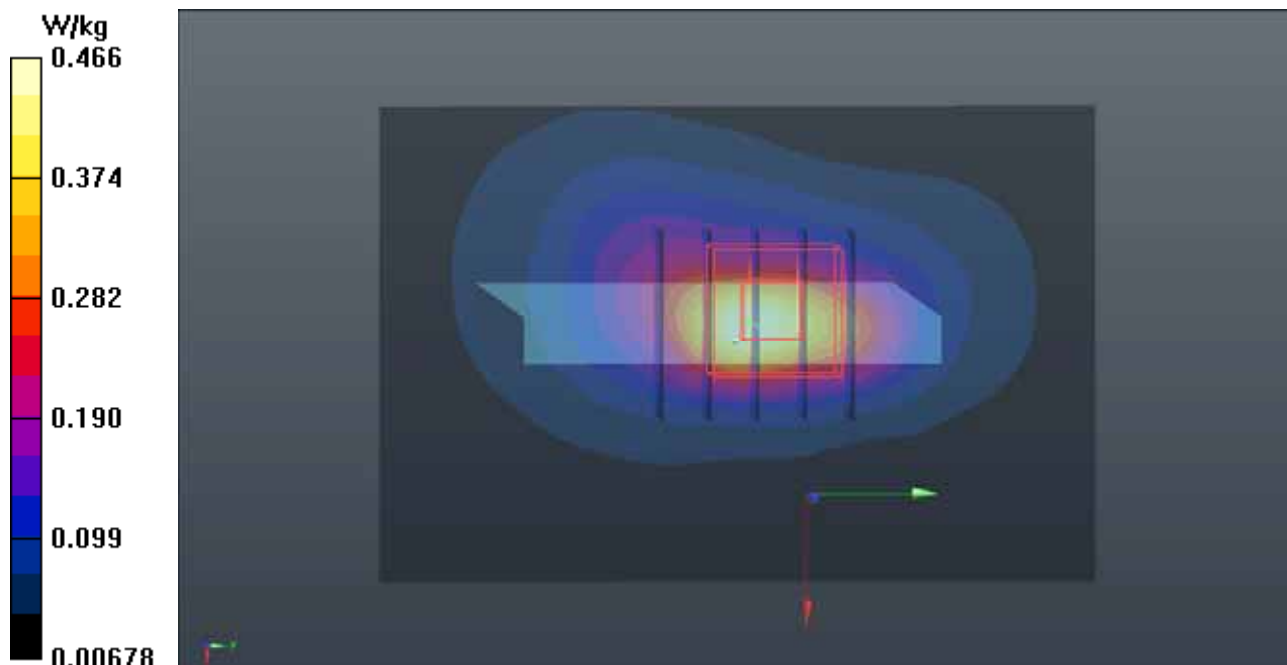
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.68 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.808 W/kg

SAR(1 g) = 0.456 W/kg; SAR(10 g) = 0.225 W/kg

Maximum value of SAR (measured) = 0.606 W/kg



P23 LTE 25_QPSK20M_Bottom Side_1cm_Ch26590_Sample2_1RB_OS0

DUT: 150324C18

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

Medium: B18T19N1_0501 Medium parameters used: $f = 1905$ MHz; $\sigma = 1.55$ S/m; $\epsilon_r = 51.857$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.72, 7.72, 7.72); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (61x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

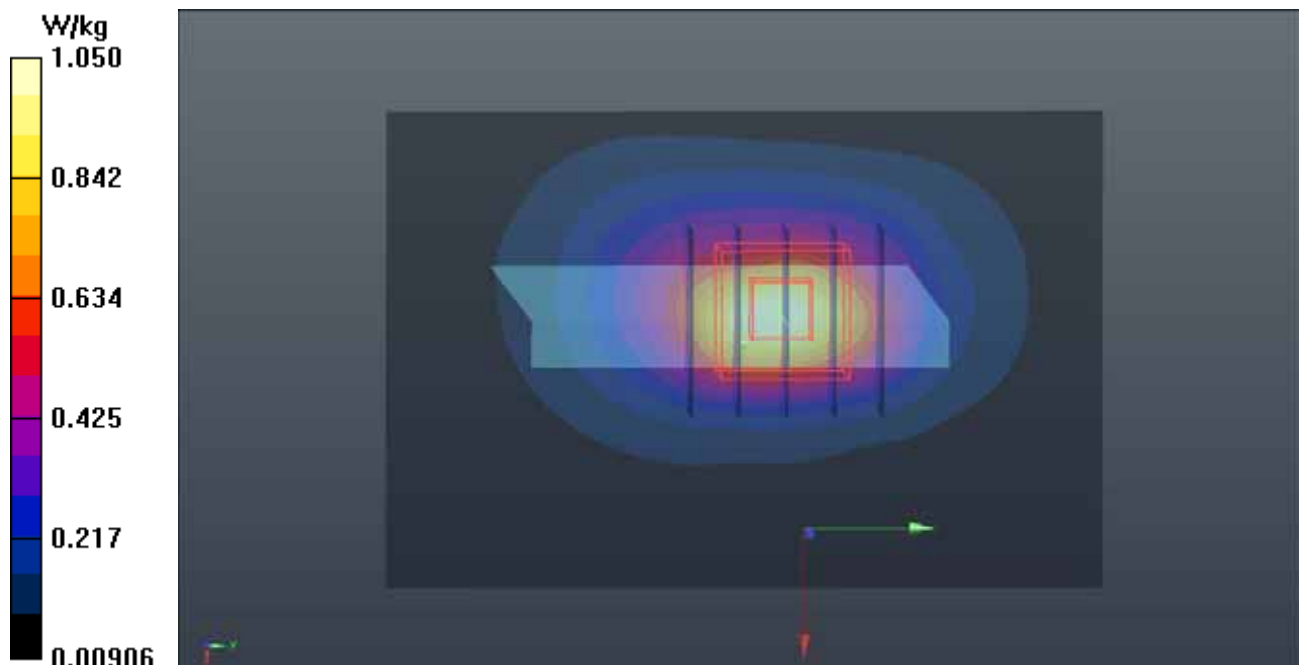
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.65 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 0.993 W/kg; SAR(10 g) = 0.487 W/kg

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



P24 LTE 26_QPSK15M_Right Side_1cm_Ch26965_Sample1_1RB_OS37

DUT: 150324C18

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

Medium: B08T09N1_0428 Medium parameters used: $f = 841.5$ MHz; $\sigma = 0.98$ S/m; $\epsilon_r = 54.001$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.9 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(9.73, 9.73, 9.73); Calibrated: 2015/03/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (41x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.214 W/kg

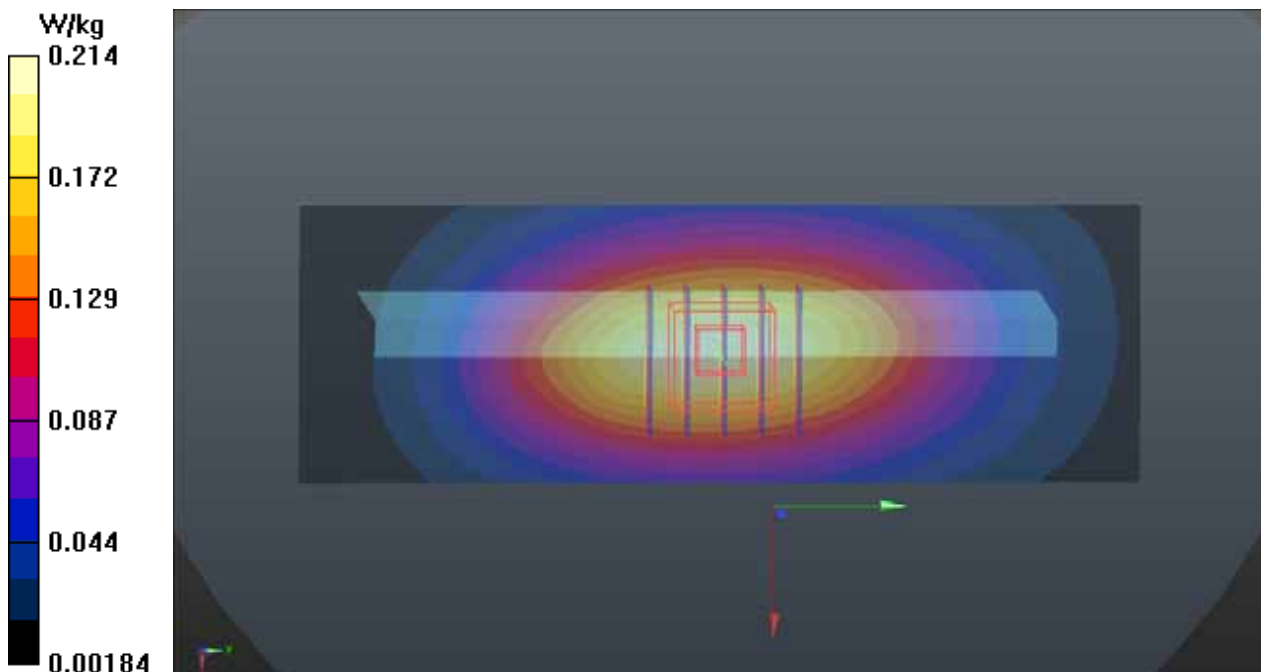
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.32 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.261 W/kg

SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.132 W/kg

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



P25 LTE 41_QPSK20M_Bottom Side_1cm_Ch40185_Sample1_1RB_OS50

DUT: 150324C18

Communication System: LTE TDD CF0; Frequency: 2549.5 MHz; Duty Cycle: 1:1.58
Medium: B25T27N2_0429 Medium parameters used: $f = 2549.5$ MHz; $\sigma = 2.13$ S/m; $\epsilon_r = 52.537$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.0 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(6.77, 6.77, 6.77); Calibrated: 2015/03/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (51x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.498 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.88 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.481 W/kg; SAR(10 g) = 0.210 W/kg
Maximum value of SAR (measured) = 0.746 W/kg

