



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_GPRS10_Left Cheek_Ch128_Ant0**DUT: 150821C08**

Communication System: GPRS10; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: H07T10N2_0907 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.934$ S/m; $\epsilon_r = 43.22$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(9.9, 9.9, 9.9); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- 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) = 0.335 W/kg

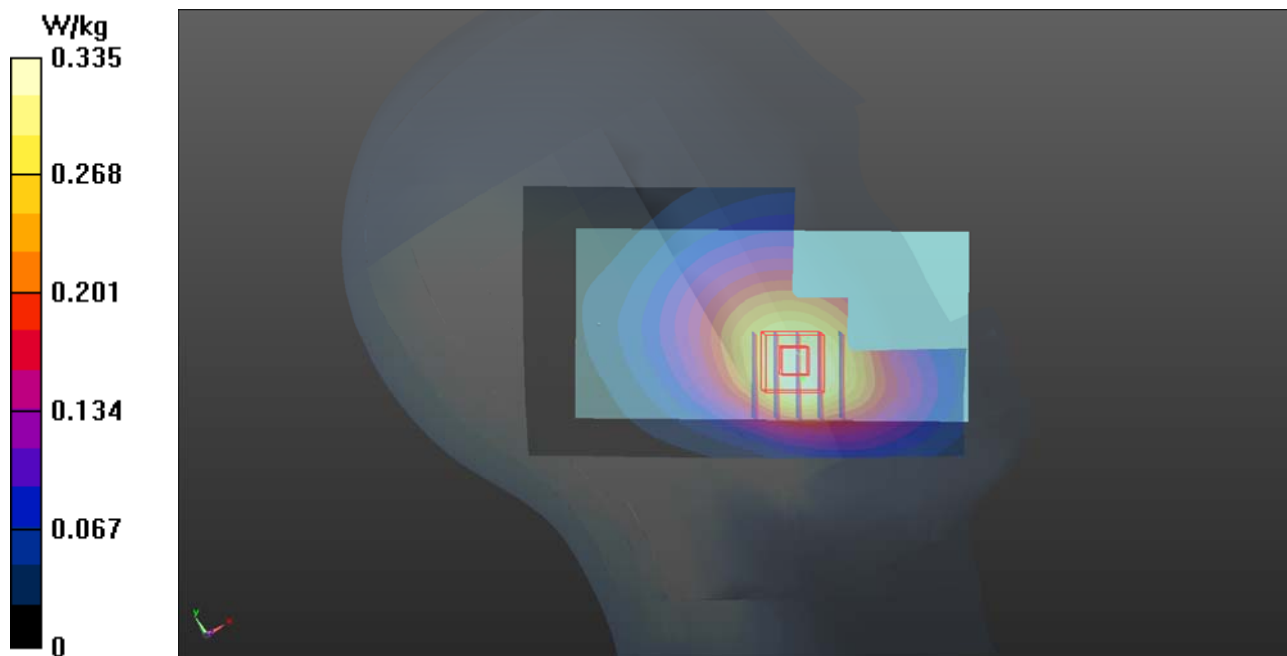
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.646 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.358 W/kg

SAR(1 g) = 0.279 W/kg; SAR(10 g) = 0.210 W/kg

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



P02 GSM1900_GPRS10_Left Cheek_Ch512_Ant1**DUT: 150821C08**

Communication System: GPRS10; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: H16T20N1_0908 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.412$ S/m; $\epsilon_r = 40.089$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.21, 8.21, 8.21); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- 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) = 0.662 W/kg

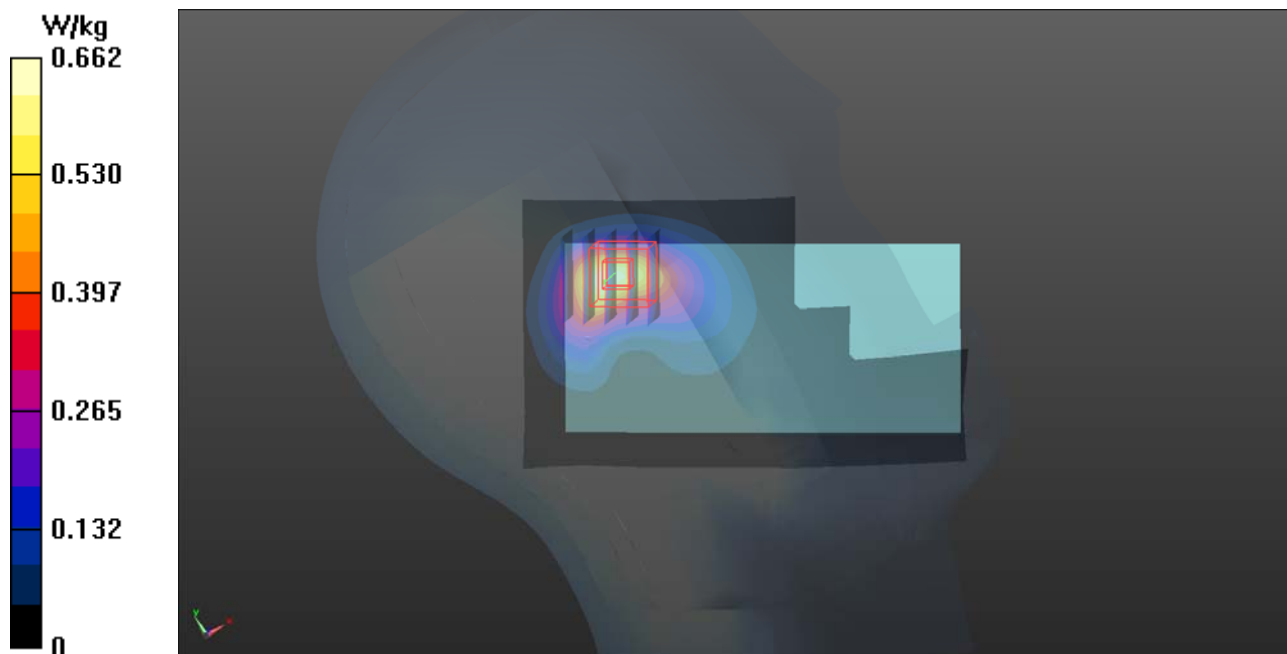
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.84 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.812 W/kg

SAR(1 g) = 0.456 W/kg; SAR(10 g) = 0.235 W/kg

Maximum value of SAR (measured) = 0.630 W/kg



P03 WCDMA II_RMC12.2K_Left Cheek_Ant0**DUT: 150821C08**

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

Medium: H16T20N1_0903 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.47$ S/m; $\epsilon_r = 40.256$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.11, 8.11, 8.11); Calibrated: 2015/03/26;
- Sensor-Surface: 1.4mm (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 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

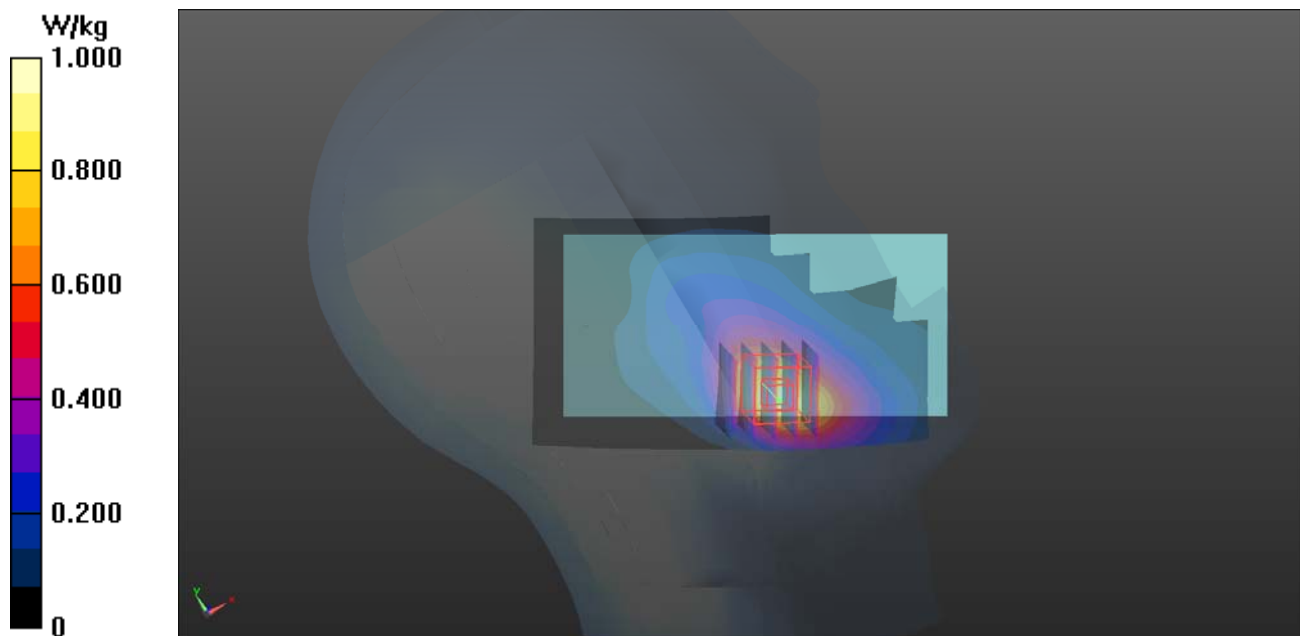
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.231 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.702 W/kg; SAR(10 g) = 0.433 W/kg

Maximum value of SAR (measured) = 0.961 W/kg



P04 WCDMA IV_RMC12.2K_Left Cheek_Ch1413_Ant1**DUT: 150821C08**

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

Medium: H16T20N1_0903 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.309$ S/m; $\epsilon_r = 40.898$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.26, 8.26, 8.26); Calibrated: 2015/03/26;
- Sensor-Surface: 1.4mm (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 (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

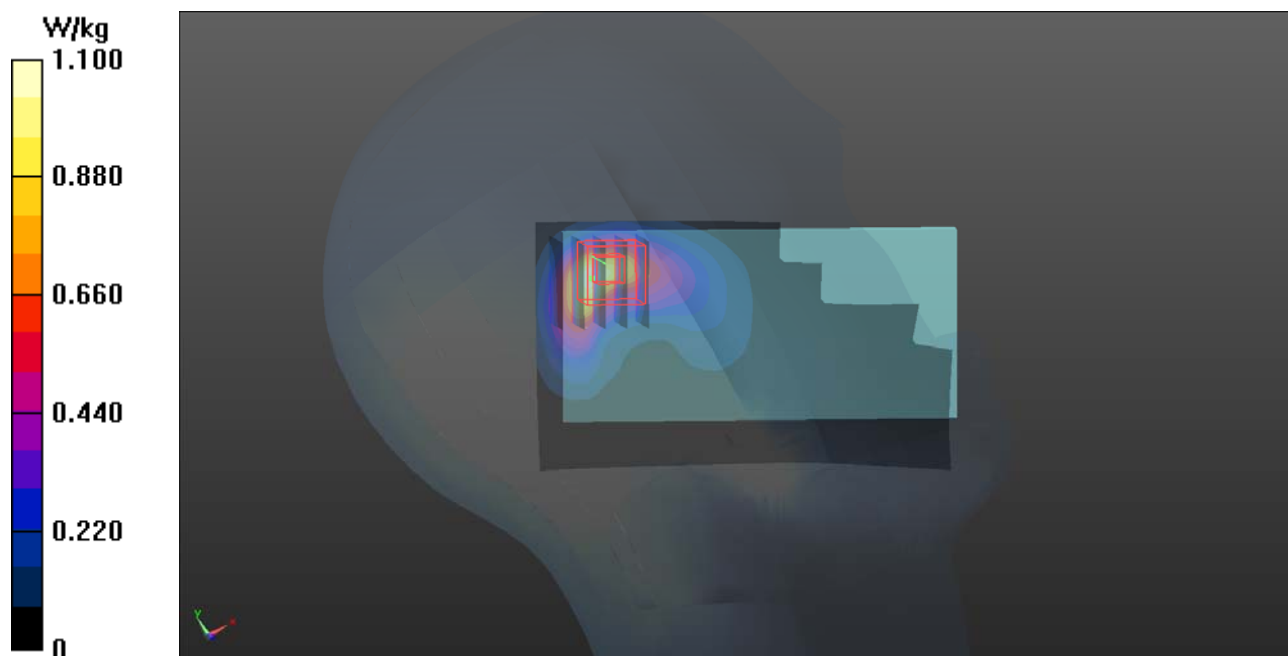
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.93 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.584 W/kg; SAR(10 g) = 0.313 W/kg

Maximum value of SAR (measured) = 0.834 W/kg



P05 WCDMA V_RMC12.2K_Left Cheek_Ch4233_Ant0**DUT: 150821C08**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: H07T10N2_0907 Medium parameters used: $f = 847$ MHz; $\sigma = 0.958$ S/m; $\epsilon_r = 42.931$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(9.9, 9.9, 9.9); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- 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

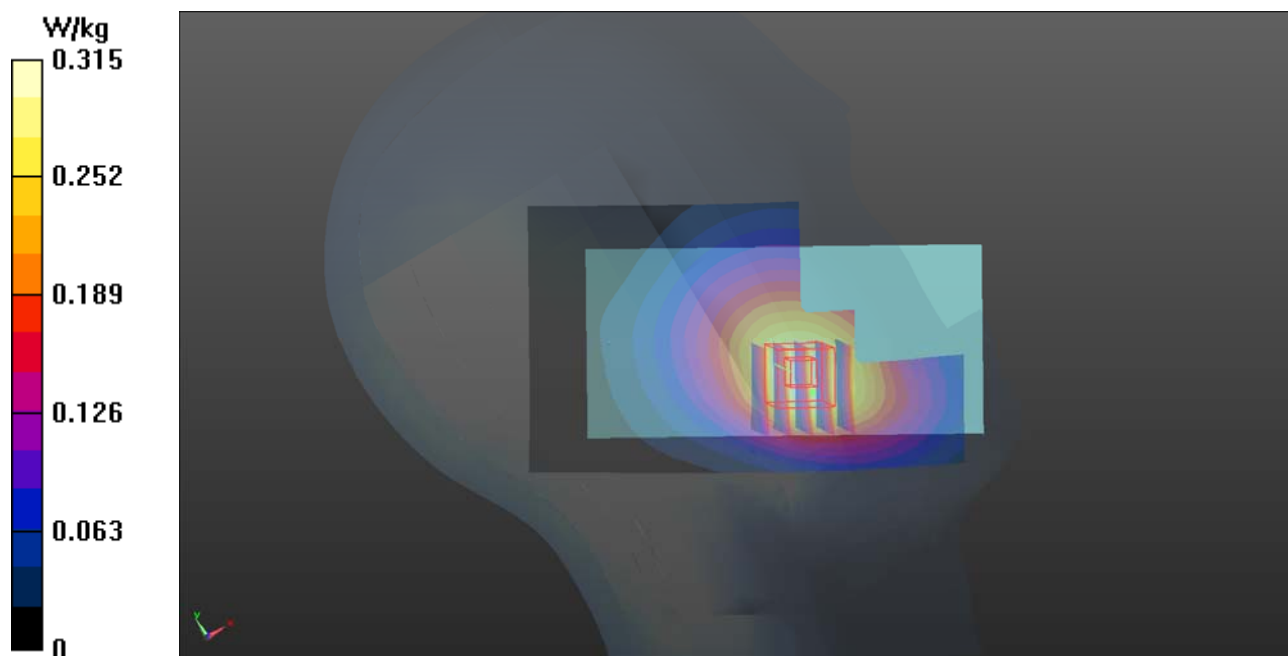
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.064 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.343 W/kg

SAR(1 g) = 0.266 W/kg; SAR(10 g) = 0.199 W/kg

Maximum value of SAR (measured) = 0.314 W/kg



P06 LTE 2_QPSK20M_Left Cheek_Ant1_1RB_OS50**DUT: 150821C08**

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

Medium: H16T20N1_0908 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.459$ S/m; $\epsilon_r = 39.968$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.21, 8.21, 8.21); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- 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) = 0.815 W/kg

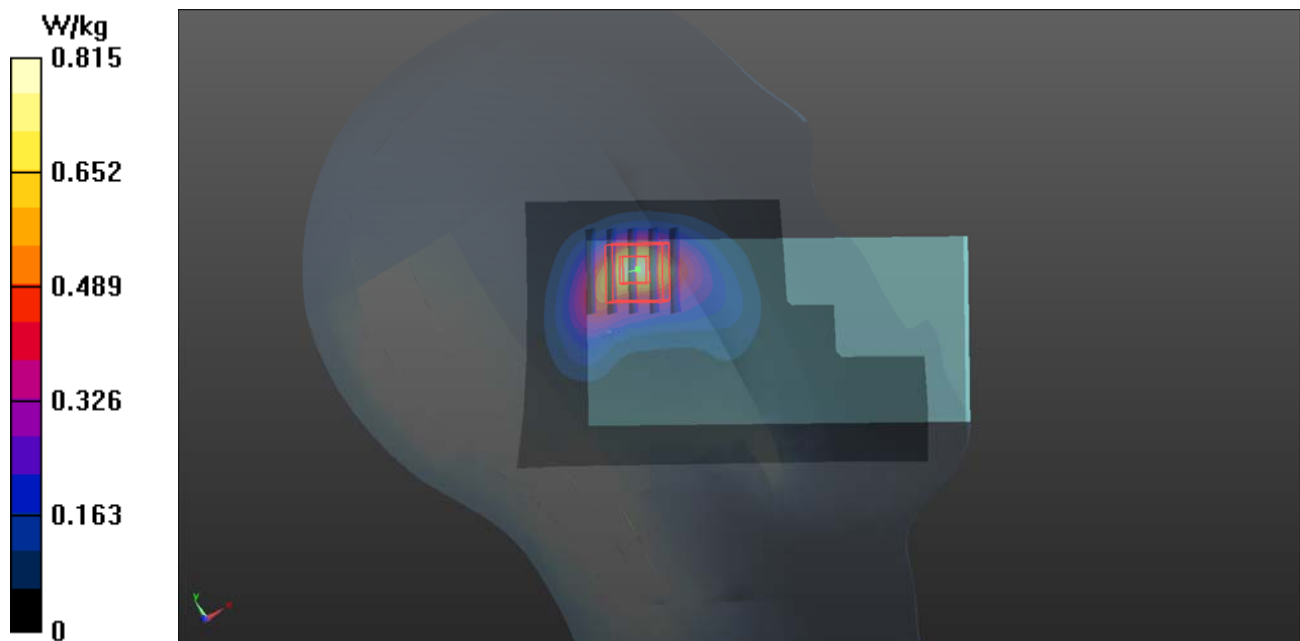
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.47 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.931 W/kg

SAR(1 g) = 0.540 W/kg; SAR(10 g) = 0.279 W/kg

Maximum value of SAR (measured) = 0.780 W/kg



P07 LTE 4_QPSK20M_Left Cheek_Ch20175_Ant1_1RB_OS0**DUT: 150821C08**

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

Medium: H16T20N1_0908 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.315$ S/m; $\epsilon_r = 40.57$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.49, 8.49, 8.49); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- 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) = 0.947 W/kg

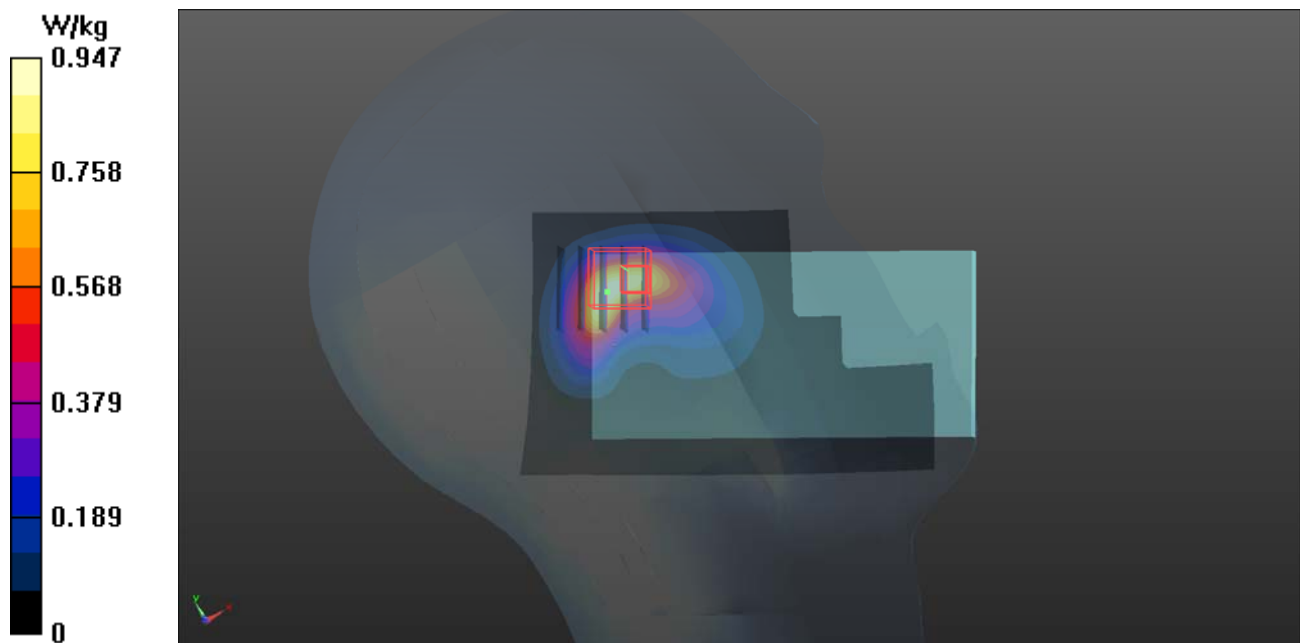
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.08 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.629 W/kg; SAR(10 g) = 0.302 W/kg

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



P08 LTE 5_QPSK10M_Left Cheek_Ch20525_Ant0_1RB_OS0**DUT: 150821C08**

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: H07T10N2_0907 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.947$ S/m; $\epsilon_r = 43.064$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(9.9, 9.9, 9.9); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- 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) = 0.277 W/kg

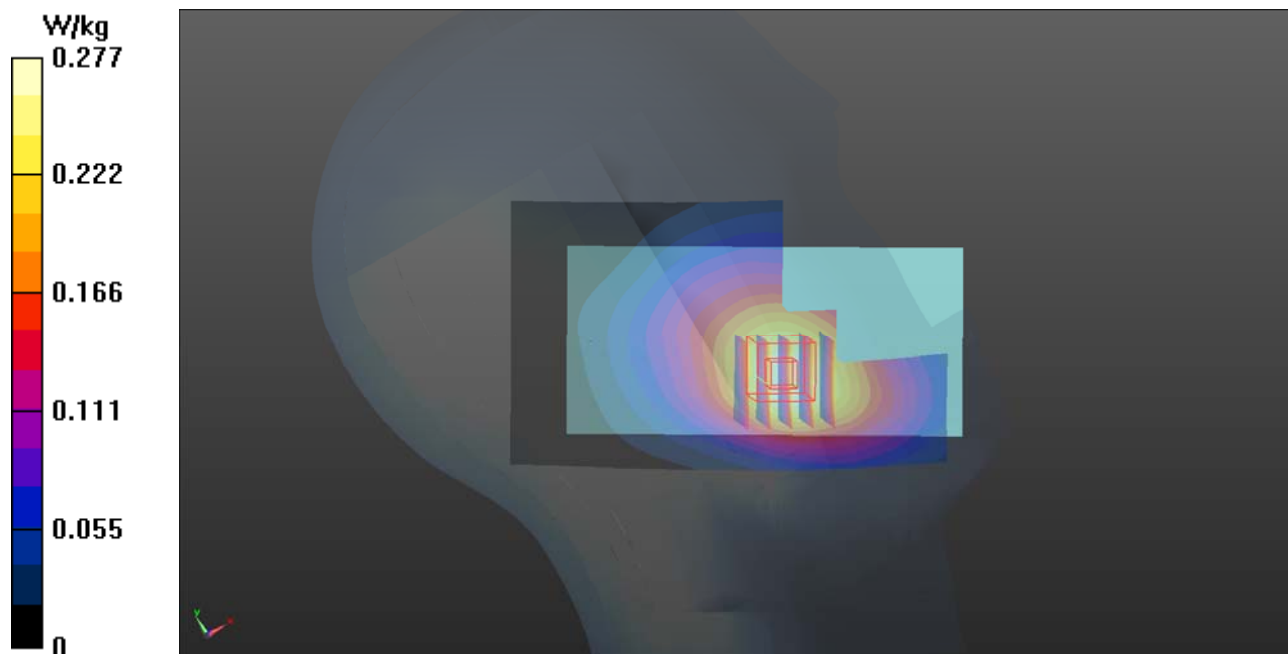
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.872 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.296 W/kg

SAR(1 g) = 0.228 W/kg; SAR(10 g) = 0.172 W/kg

Maximum value of SAR (measured) = 0.268 W/kg



P09 LTE 7_QPSK20M_Left Cheek_Ch20850_Ant0_1RB_OS50**DUT: 150821C08**

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

Medium: H19T27N1_0908 Medium parameters used: $f = 2510$ MHz; $\sigma = 1.931$ S/m; $\epsilon_r = 38.828$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.26, 7.26, 7.26); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- 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) = 0.770 W/kg

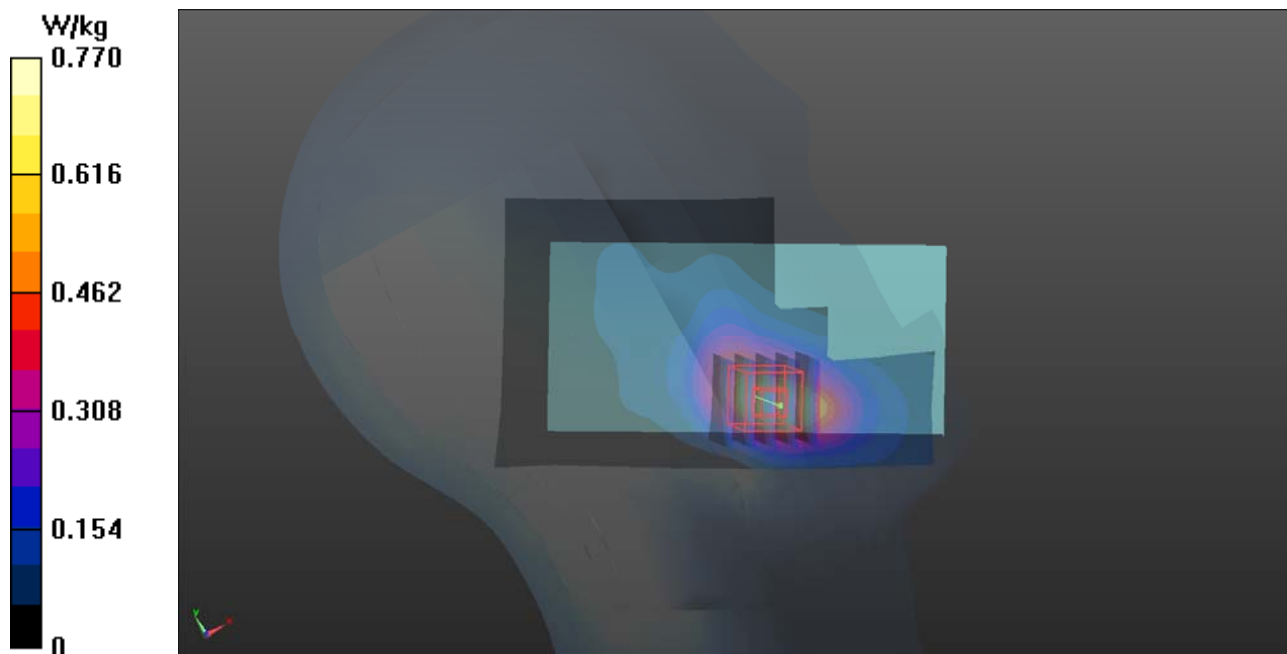
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.902 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.810 W/kg

SAR(1 g) = 0.451 W/kg; SAR(10 g) = 0.248 W/kg

Maximum value of SAR (measured) = 0.662 W/kg



P10 LTE 12_QPSK10M_Left Cheek_Ch23095_Ant0_1RB_OS24**DUT: 150821C08**

Communication System: LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: H06T09N1_0907 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.847$ S/m; $\epsilon_r = 42.984$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(10.24, 10.24, 10.24); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.137 W/kg

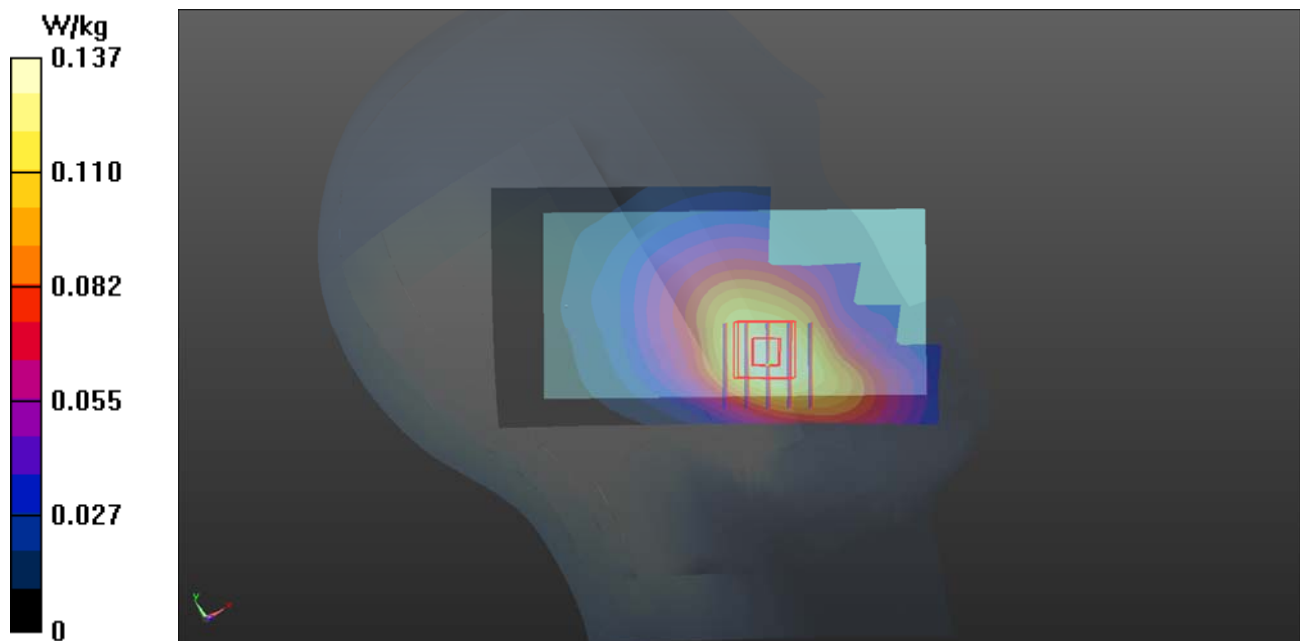
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.473 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.143 W/kg

SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.088 W/kg

Maximum value of SAR (measured) = 0.132 W/kg



P13 2.4G WLAN_802.11b_Right Cheek_Ch6**DUT: 150821C08**

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

Medium: H19T27N1_0827 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.849$ S/m; $\epsilon_r = 38.099$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 23.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.13, 7.13, 7.13); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2015/07/22
- Phantom: Twin SAM Phantom_1485; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.615 W/kg

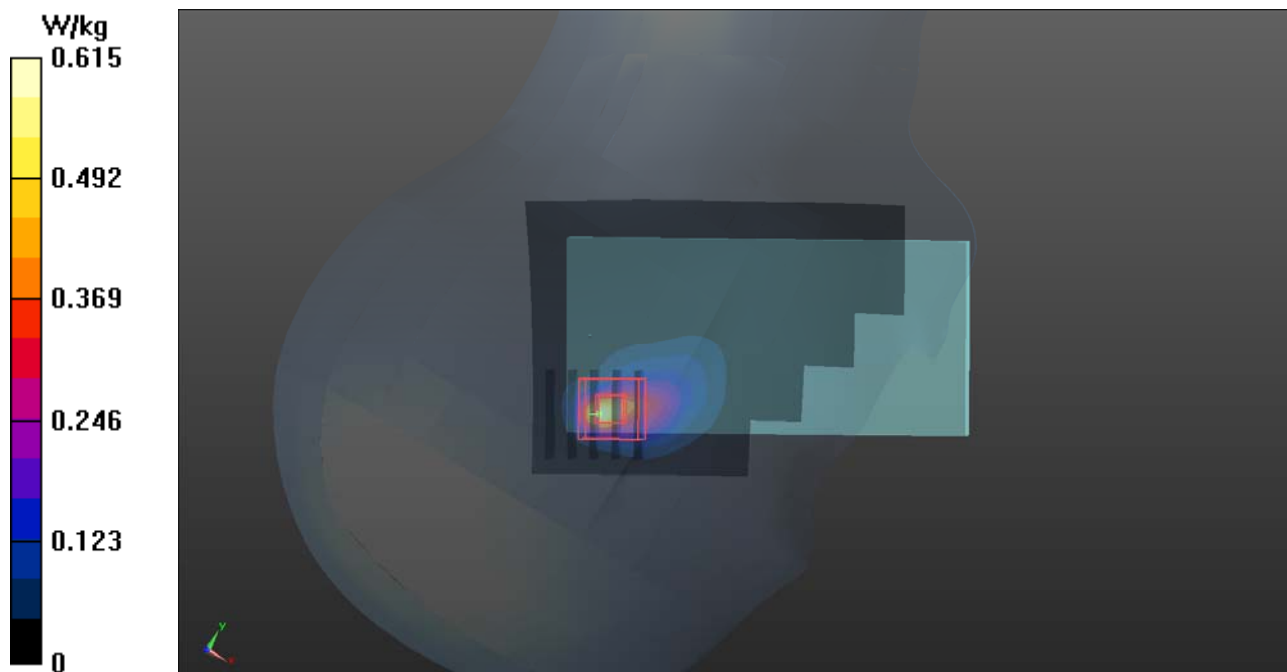
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.849 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.678 W/kg

SAR(1 g) = 0.279 W/kg; SAR(10 g) = 0.114 W/kg

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



P14 5.3G WLAN_802.11a_Right Cheek_Ch60**DUT: 1500821C08**

Communication System: WLAN_5G; Frequency: 5300 MHz; Duty Cycle: 1:1.17

Medium: H34T60N3_0828 Medium parameters used: $f = 5300$ MHz; $\sigma = 4.902$ S/m; $\epsilon_r = 35.261$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(5.28, 5.28, 5.28); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

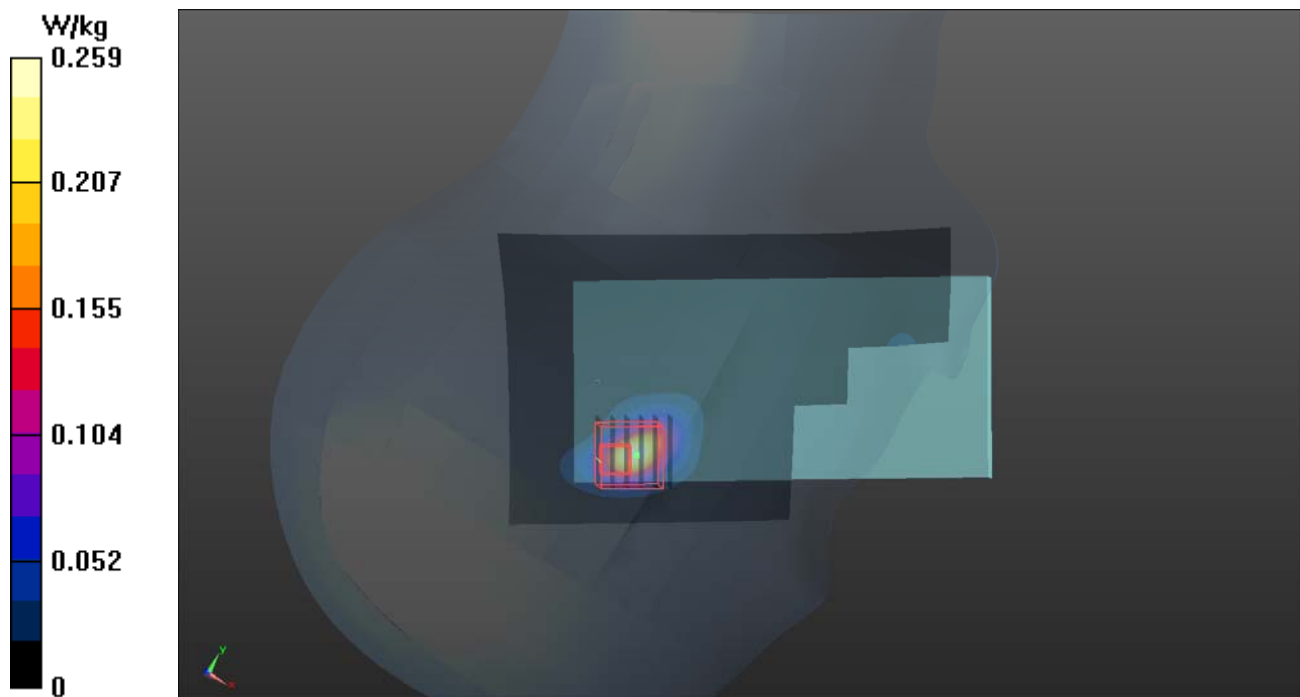
- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 2.070 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.098 W/kg; SAR(10 g) = 0.024 W/kg

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



P15 5.6G WLAN_802.11a_Right Cheek_Ch116**DUT: 150821C08**

Communication System: WLAN_5G; Frequency: 5580 MHz; Duty Cycle: 1:1.17

Medium: H34T60N3_0828 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.194$ S/m; $\epsilon_r = 34.732$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(4.77, 4.77, 4.77); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.524 W/kg

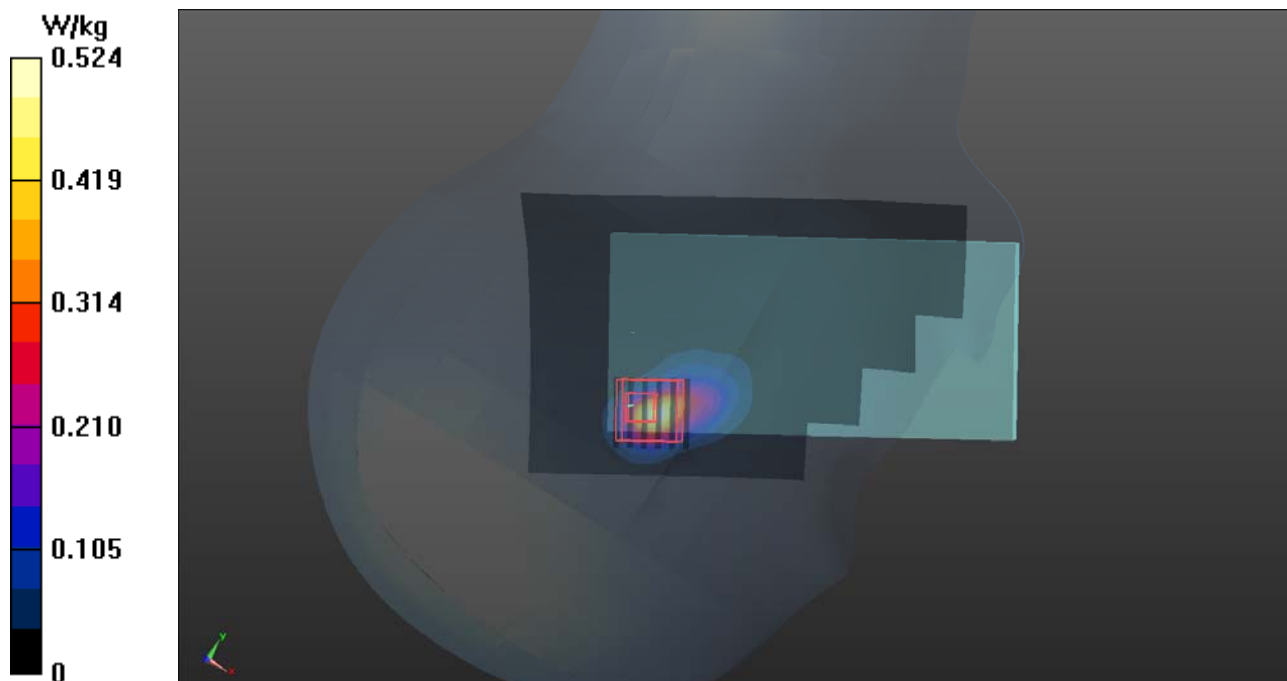
- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 2.354 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 0.200 W/kg; SAR(10 g) = 0.054 W/kg

Maximum value of SAR (measured) = 0.524 W/kg



P16 5.8G WLAN_802.11a_Right Cheek_Ch157**DUT: 150821C08**

Communication System: WLAN_5G; Frequency: 5785 MHz; Duty Cycle: 1:1.17

Medium: H34T60N3_0828 Medium parameters used: $f = 5785$ MHz; $\sigma = 5.429$ S/m; $\epsilon_r = 34.435$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(4.91, 4.91, 4.91); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.542 W/kg

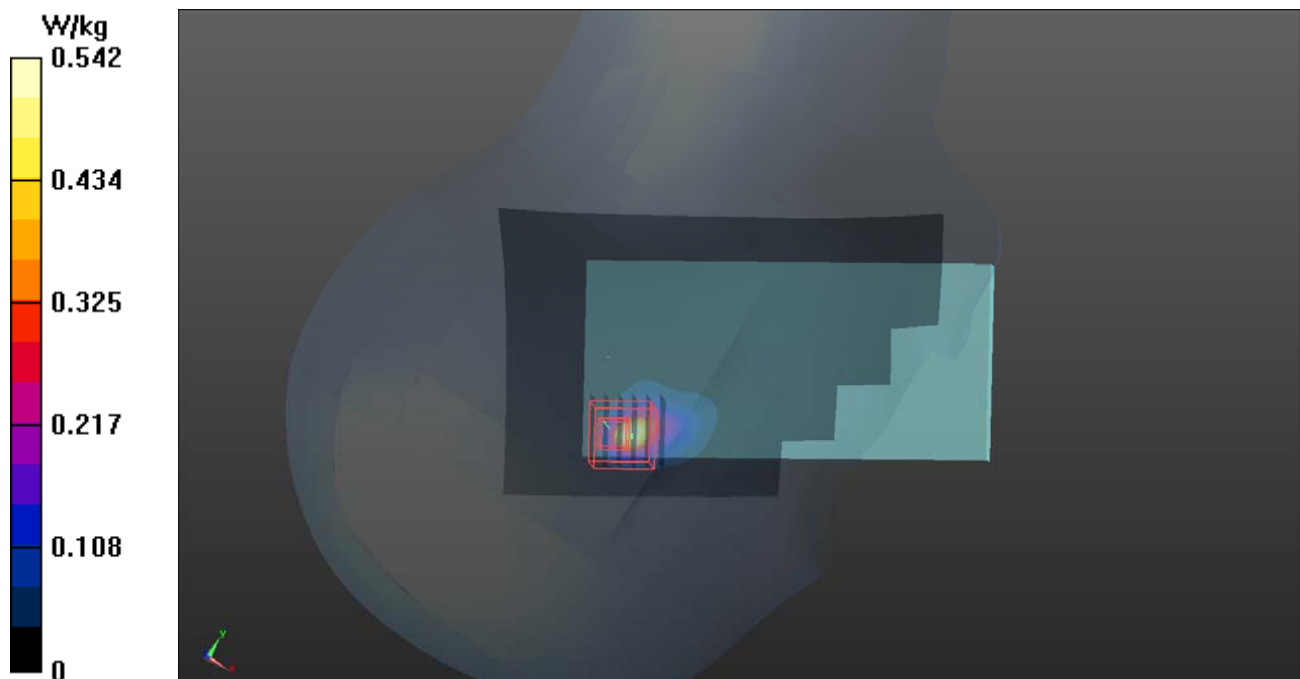
- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 2.093 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.687 W/kg

SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.042 W/kg

Maximum value of SAR (measured) = 0.398 W/kg



P17 GSM850_GPRS10_Rear Face_1cm_Ch128_Ant0**DUT: 150821C08**

Communication System: GPRS10; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: B07T10N2_0906 Medium parameters used: $f = 824.2$ MHz; $\sigma = 1.008$ S/m; $\epsilon_r = 54.542$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(9.83, 9.83, 9.83); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- 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) = 0.612 W/kg

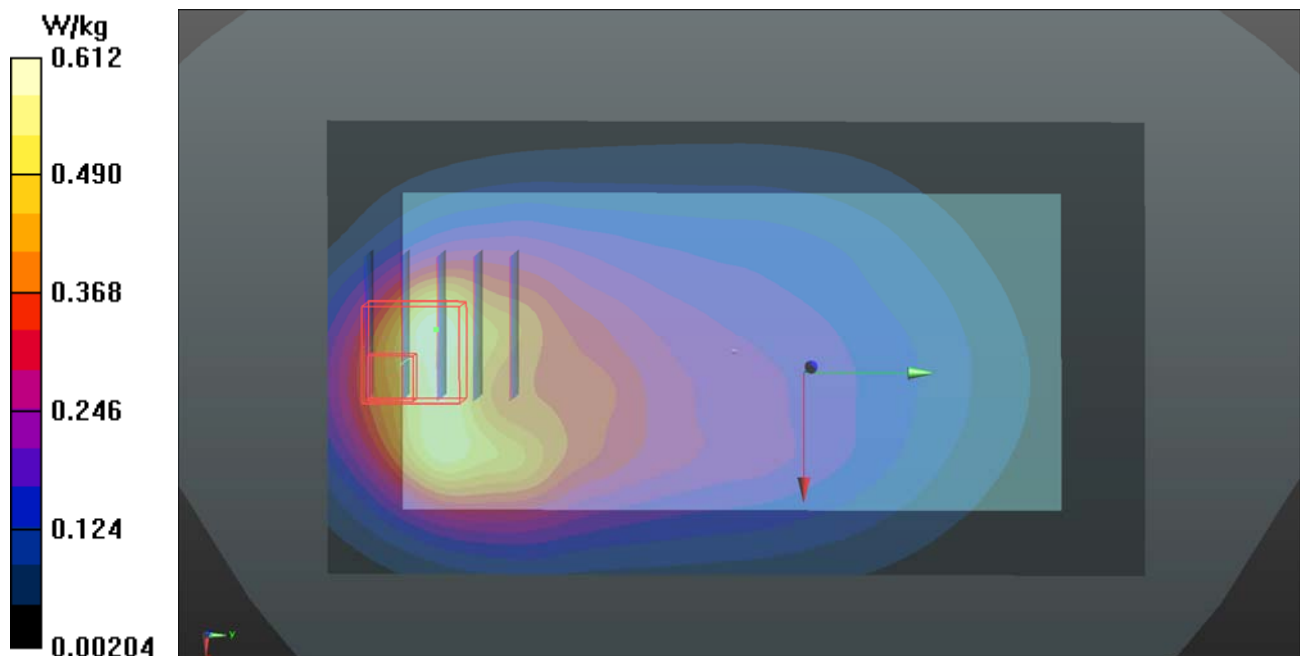
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.17 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.758 W/kg

SAR(1 g) = 0.417 W/kg; SAR(10 g) = 0.219 W/kg

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



P18 GSM1900_GPRS10_Rear Face_1cm_Ch512_Ant0**DUT: 150821C08**

Communication System: GPRS10; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: B16T20N1_0906 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.532$ S/m; $\epsilon_r = 52.127$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.85, 7.85, 7.85); Calibrated: 2015/03/26;
- Sensor-Surface: 1.4mm (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) = 0.615 W/kg

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

Reference Value = 10.41 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.751 W/kg

SAR(1 g) = 0.429 W/kg; SAR(10 g) = 0.240 W/kg

Maximum value of SAR (measured) = 0.610 W/kg

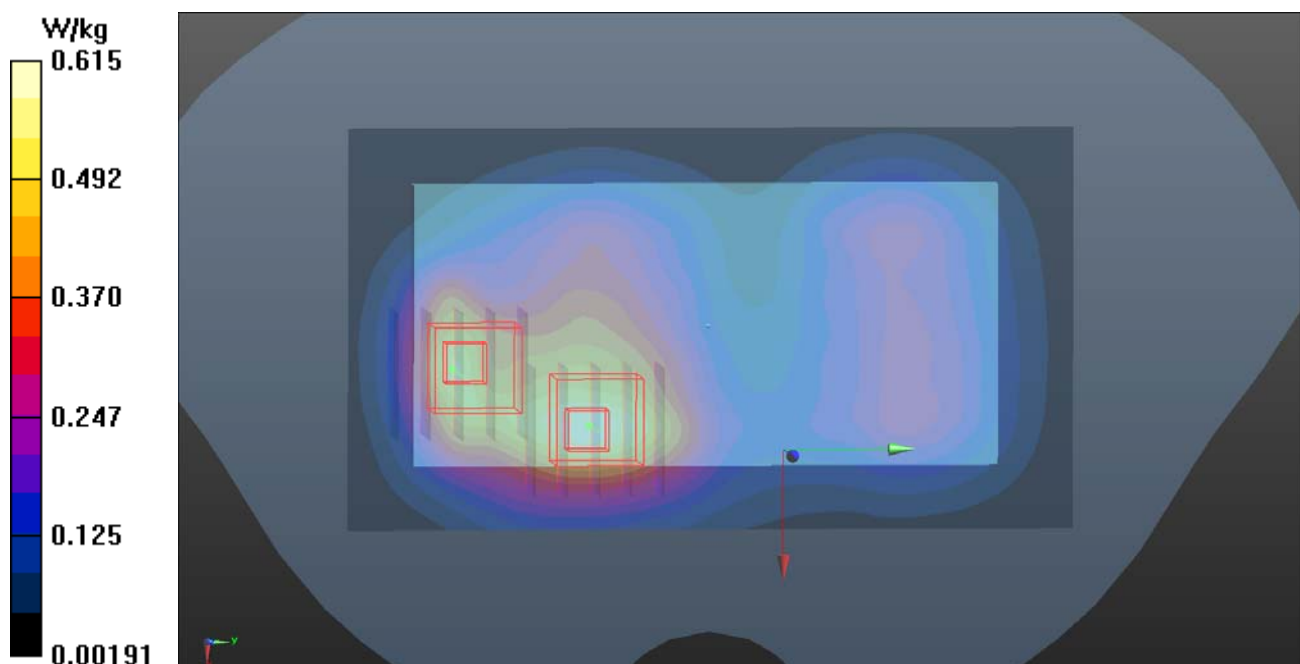
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.41 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.656 W/kg

SAR(1 g) = 0.414 W/kg; SAR(10 g) = 0.261 W/kg

Maximum value of SAR (measured) = 0.566 W/kg



P19 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9538_Ant0**DUT: 150821C08**

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

Medium: B16T20N1_0903 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.586$ S/m; $\epsilon_r = 51.646$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.85, 7.85, 7.85); Calibrated: 2015/03/26;
- Sensor-Surface: 1.4mm (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) = 0.705 W/kg

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

Reference Value = 12.18 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.770 W/kg

SAR(1 g) = 0.484 W/kg; SAR(10 g) = 0.311 W/kg

Maximum value of SAR (measured) = 0.661 W/kg

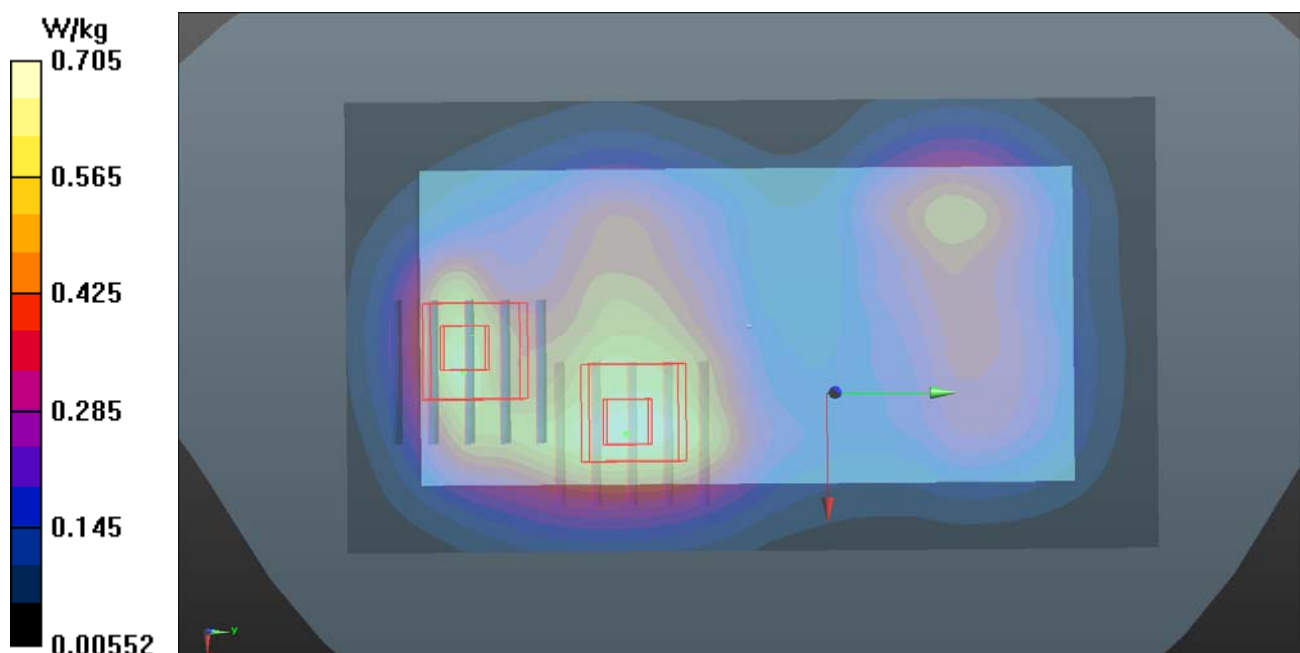
- Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.18 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.840 W/kg

SAR(1 g) = 0.473 W/kg; SAR(10 g) = 0.260 W/kg

Maximum value of SAR (measured) = 0.712 W/kg



P20 WCDMA IV_RMC12.2K_Rear Face_1cm_Ch1413_Ant0**DUT: 150821C08**

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

Medium: B16T20N1_0903 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.423$ S/m; $\epsilon_r = 52.062$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.04, 8.04, 8.04); Calibrated: 2015/03/26;
- Sensor-Surface: 1.4mm (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) = 0.787 W/kg

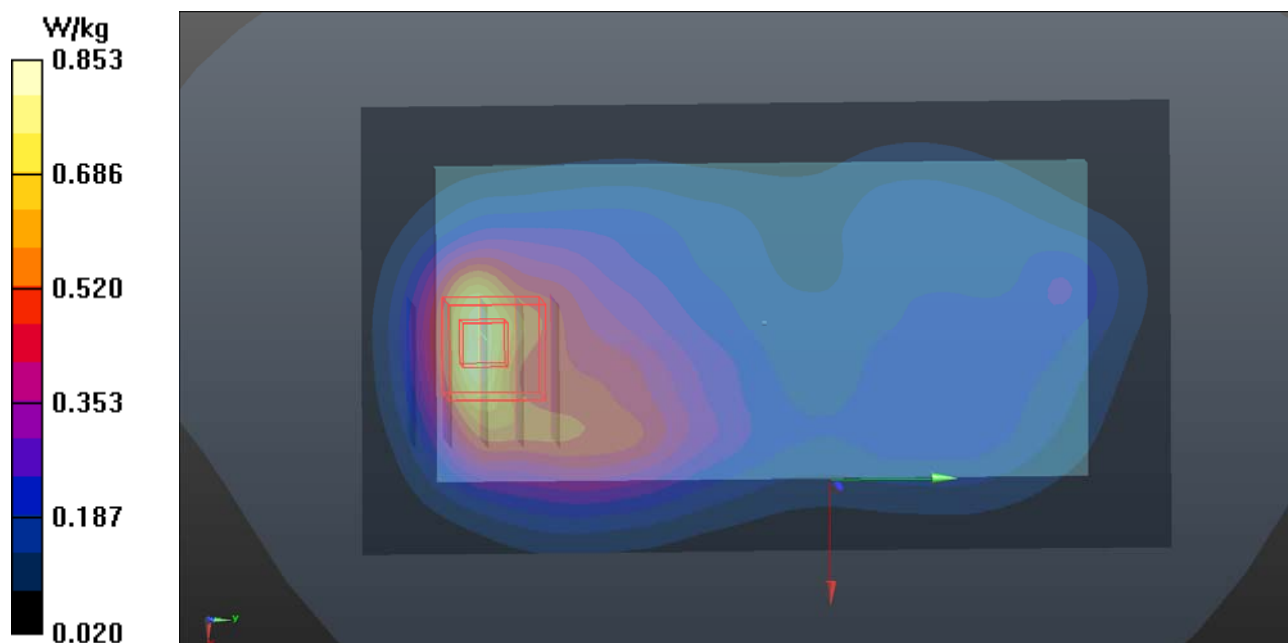
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.54 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.983 W/kg

SAR(1 g) = 0.589 W/kg; SAR(10 g) = 0.341 W/kg

Maximum value of SAR (measured) = 0.853 W/kg



P21 WCDMA V_RMC12.2K_Rear Face_1cm_Ch4233_Ant0**DUT: 150821C08**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: B07T10N2_0906 Medium parameters used: $f = 847$ MHz; $\sigma = 1.029$ S/m; $\epsilon_r = 54.251$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(9.83, 9.83, 9.83); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- 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) = 0.674 W/kg

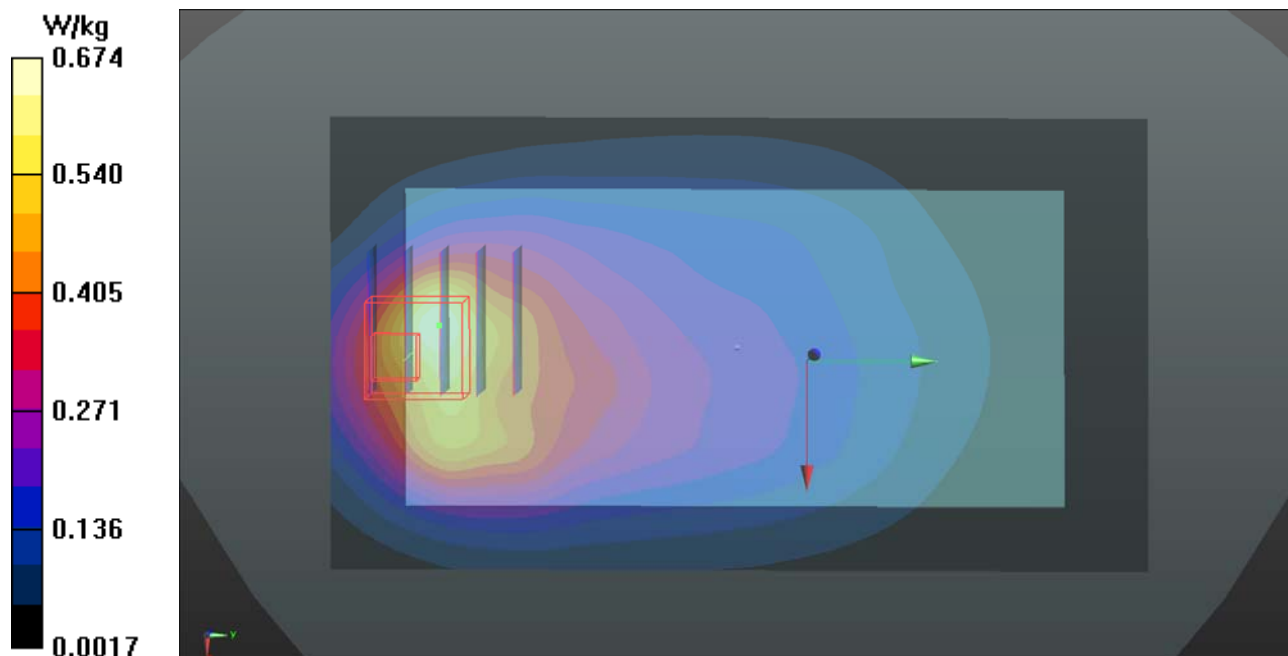
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.63 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.773 W/kg

SAR(1 g) = 0.422 W/kg; SAR(10 g) = 0.222 W/kg

Maximum value of SAR (measured) = 0.645 W/kg



P22 LTE 2_QPSK20M_Rear Face_1cm_Ch19100_Ant0_1RB_OS50**DUT: 150821C08**

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

Medium: B16T20N1_0906 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.573$ S/m; $\epsilon_r = 52.055$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.85, 7.85, 7.85); Calibrated: 2015/03/26;
- Sensor-Surface: 1.4mm (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) = 0.654 W/kg

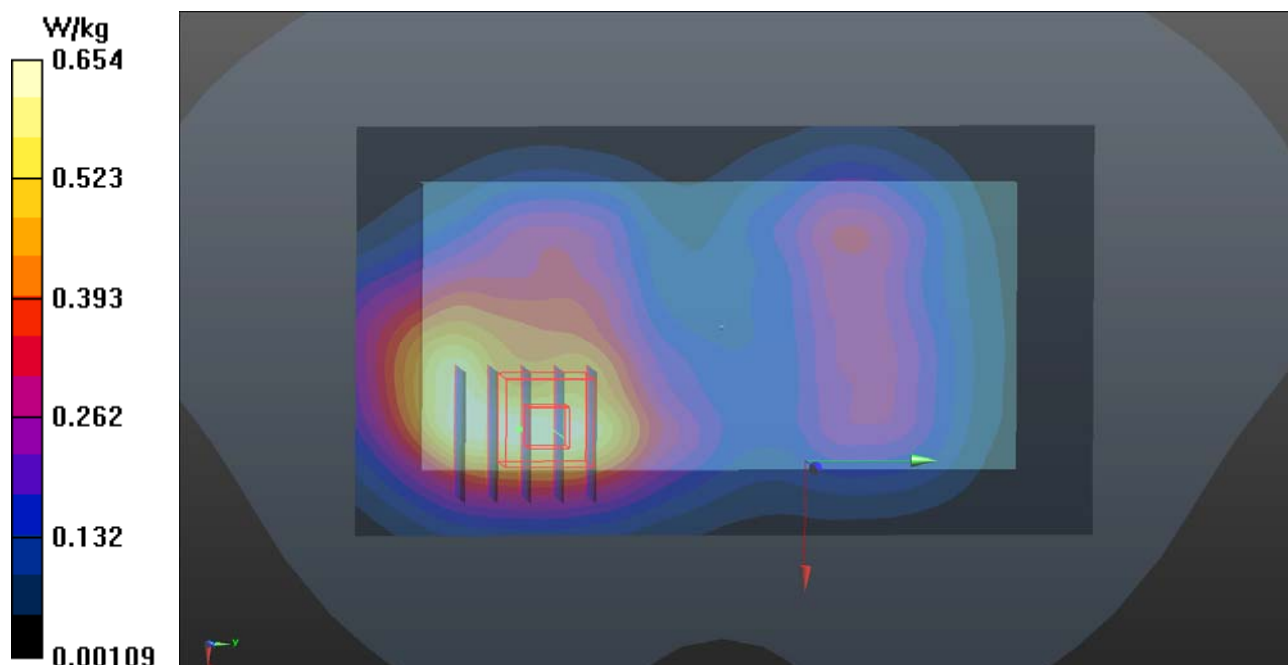
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.130 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.673 W/kg

SAR(1 g) = 0.437 W/kg; SAR(10 g) = 0.279 W/kg

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



P23 LTE 4_QPSK20M_Rear Face_1cm_Ch20175_Ant0_1RB_OS0**DUT: 150821C08**

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

Medium: B16T20N1_0906 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.417$ S/m;

$\epsilon_r = 52.416$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.04, 8.04, 8.04); Calibrated: 2015/03/26;
- Sensor-Surface: 1.4mm (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) = 0.732 W/kg

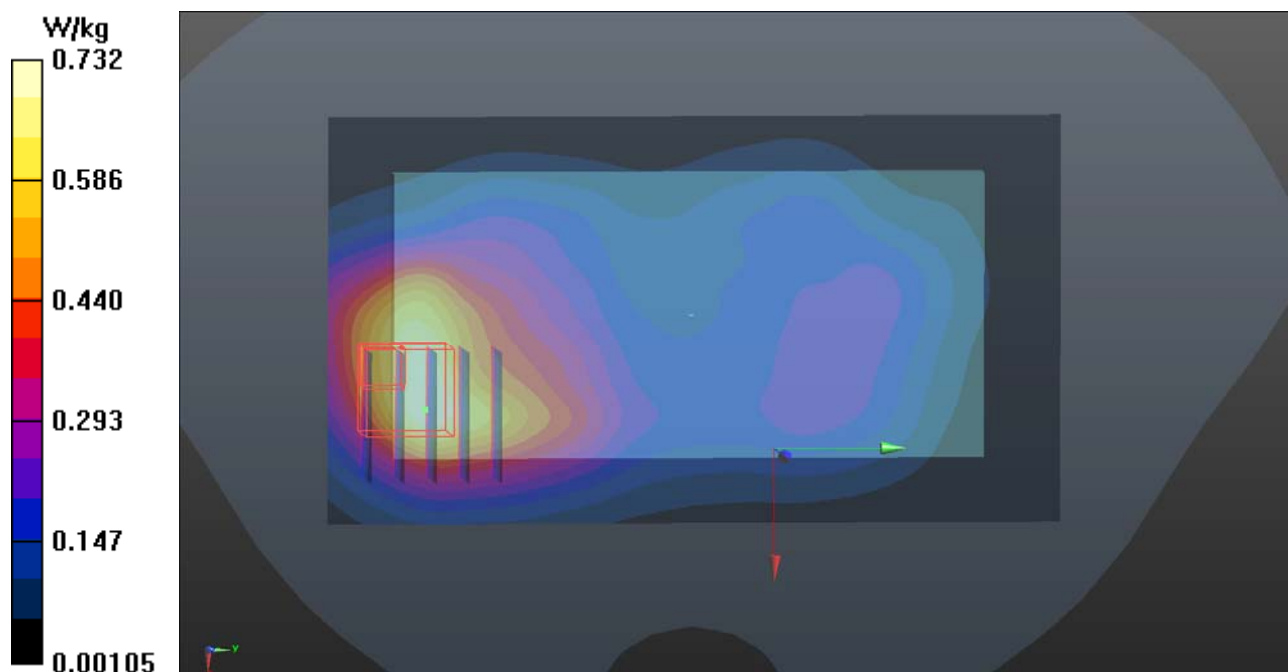
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.00 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.593 W/kg; SAR(10 g) = 0.311 W/kg

Maximum value of SAR (measured) = 0.879 W/kg



P24 LTE 5_QPSK10M_Rear Face_1cm_Ch20525_Ant0_1RB_OS0**DUT: 150821C08**

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: B07T10N2_0906 Medium parameters used: $f = 836.5$ MHz; $\sigma = 1.019$ S/m; $\epsilon_r = 54.368$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(9.83, 9.83, 9.83); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- 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) = 0.654 W/kg

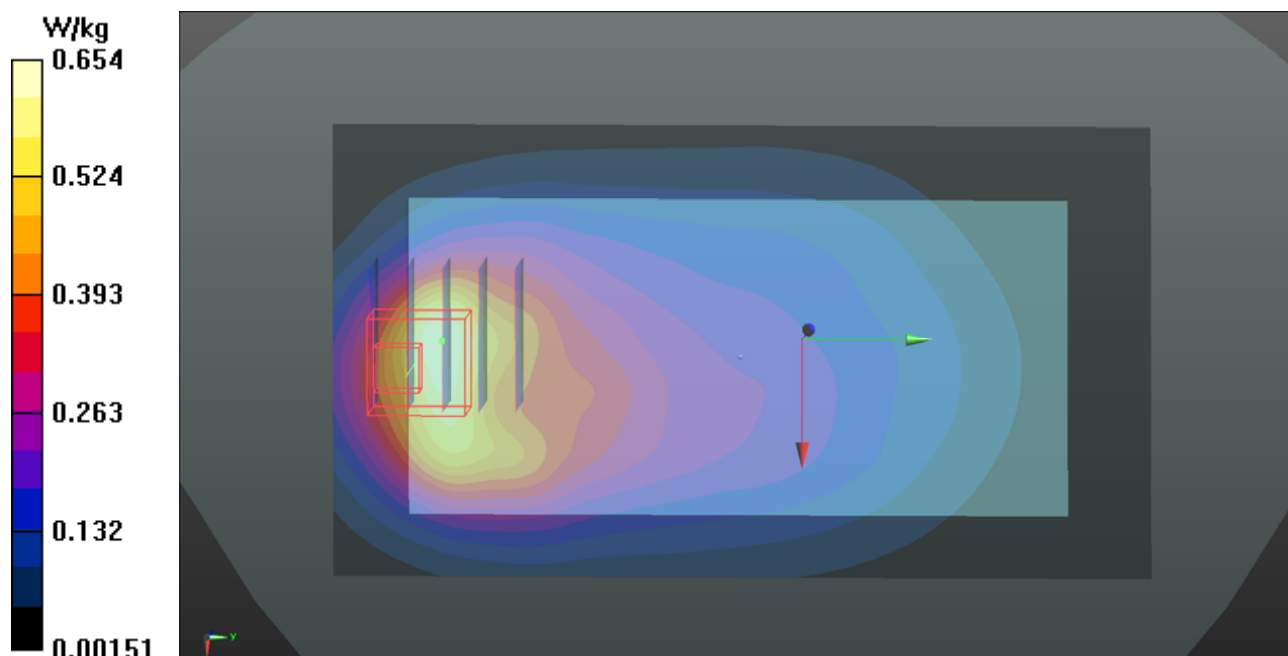
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.66 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.784 W/kg

SAR(1 g) = 0.419 W/kg; SAR(10 g) = 0.225 W/kg

Maximum value of SAR (measured) = 0.653 W/kg



P25 LTE 7_QPSK20M_Rear Face_1cm_Ch20850_Ant0_1RB_OS50**DUT: 150821C08**

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

Medium: B19T27N3_0906 Medium parameters used: $f = 2510$ MHz; $\sigma = 2.065$ S/m; $\epsilon_r = 51.169$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(6.77, 6.77, 6.77); Calibrated: 2015/03/26;
- Sensor-Surface: 1.4mm (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 (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.851 W/kg

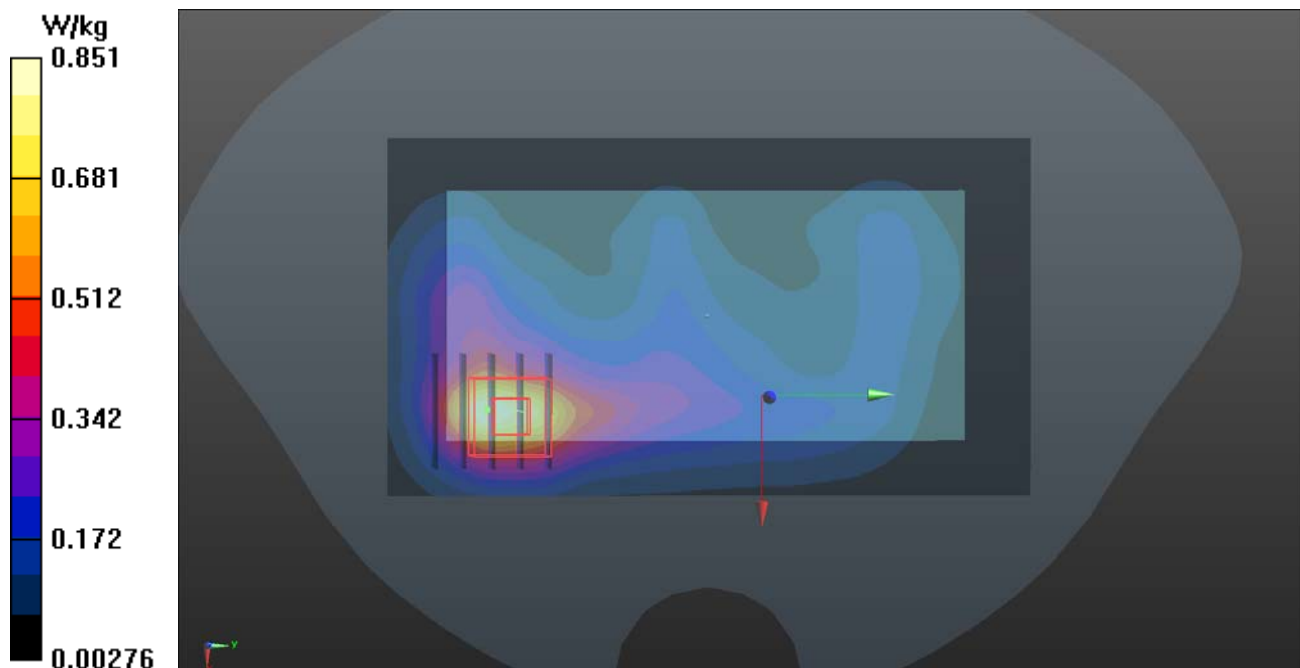
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.289 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.531 W/kg; SAR(10 g) = 0.271 W/kg

Maximum value of SAR (measured) = 0.821 W/kg



P26 LTE 12_QPSK10M_Rear Face_1cm_Ch23095_Ant0_1RB_OS24**DUT: 150821C08**

Communication System: LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: B06T09N1_0906 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.921$ S/m; $\epsilon_r = 55.417$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(9.82, 9.82, 9.82); Calibrated: 2015/03/26;
- Sensor-Surface: 1.4mm (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) = 0.566 W/kg

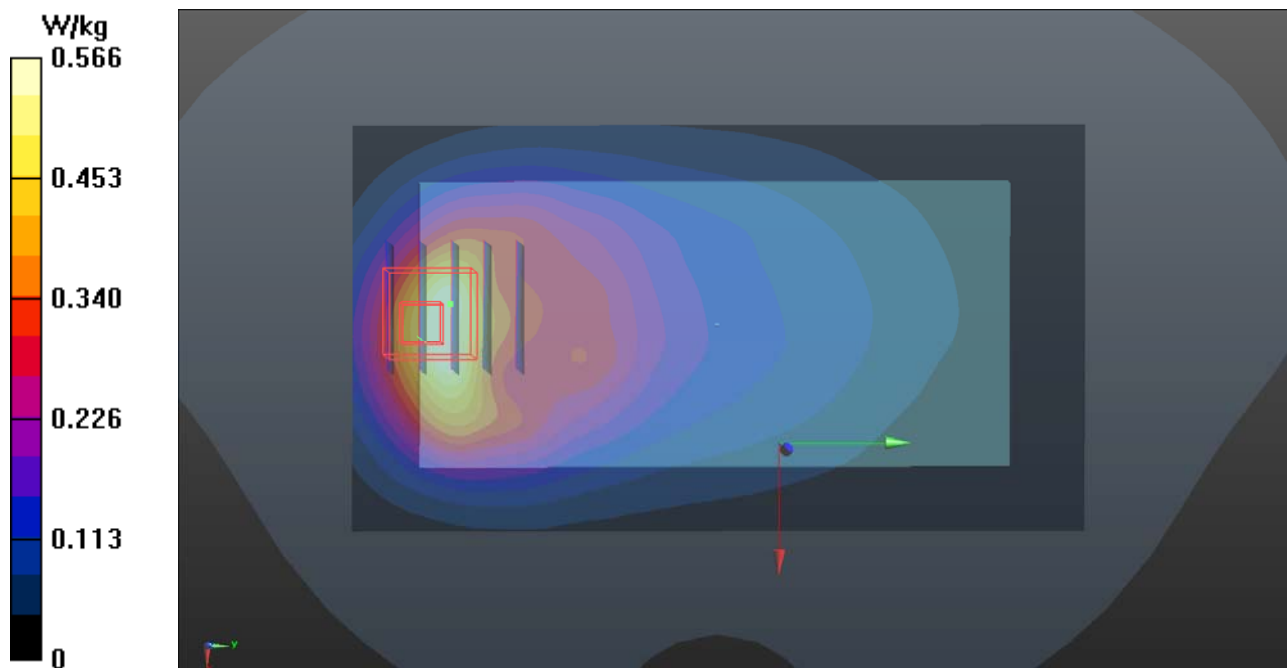
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.55 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.659 W/kg

SAR(1 g) = 0.389 W/kg; SAR(10 g) = 0.185 W/kg

Maximum value of SAR (measured) = 0.521 W/kg



P29 2.4G WLAN_802.11b_Front Face_Ch6**DUT: 150821C08**

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

Medium: B19T27N3_0828 Medium parameters used: $f = 2437$ MHz; $\sigma = 2.002$ S/m; $\epsilon_r = 51.088$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.3, 7.3, 7.3); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0963 W/kg

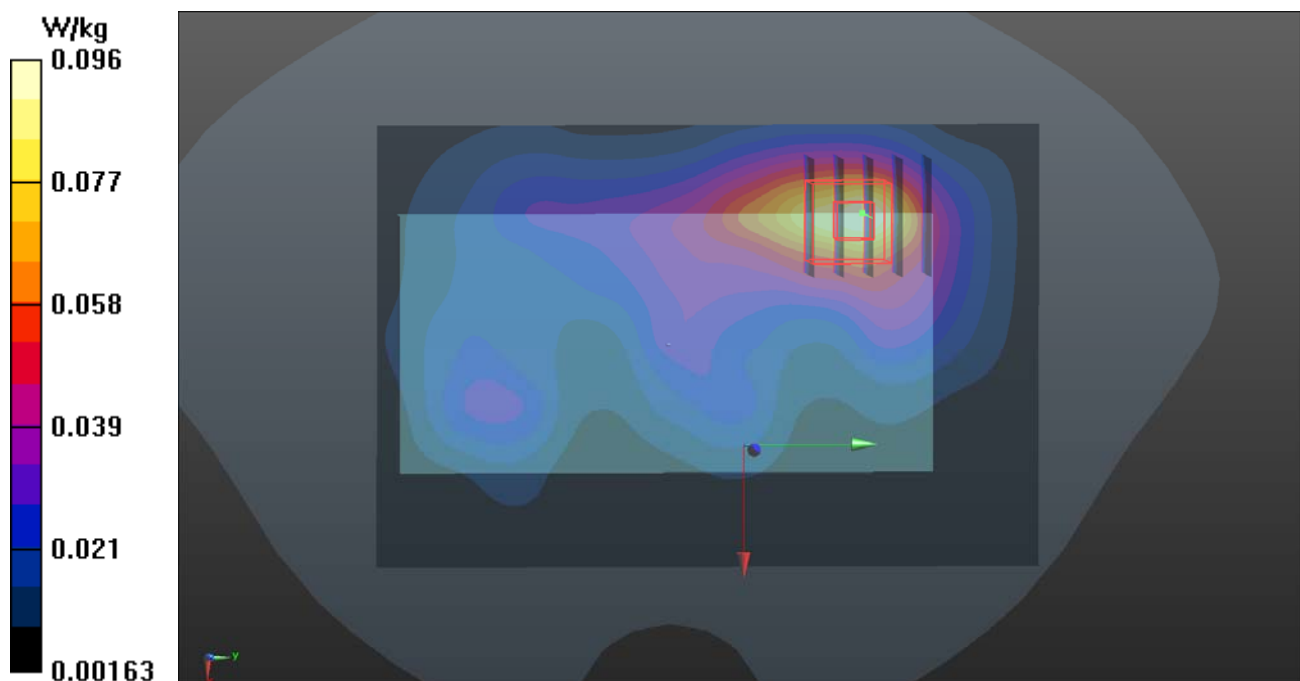
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.698 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.118 W/kg

SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.034 W/kg

Maximum value of SAR (measured) = 0.0974 W/kg



P30 5.3G WLAN_802.11a_Front Face_1cm_Ch60**DUT: 150821C08**

Communication System: WLAN_5G; Frequency: 5300 MHz; Duty Cycle: 1:1.17

Medium: B34T60N3_0831 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.542$ S/m; $\epsilon_r = 47.565$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(4.41, 4.41, 4.41); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (121x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0376 W/kg

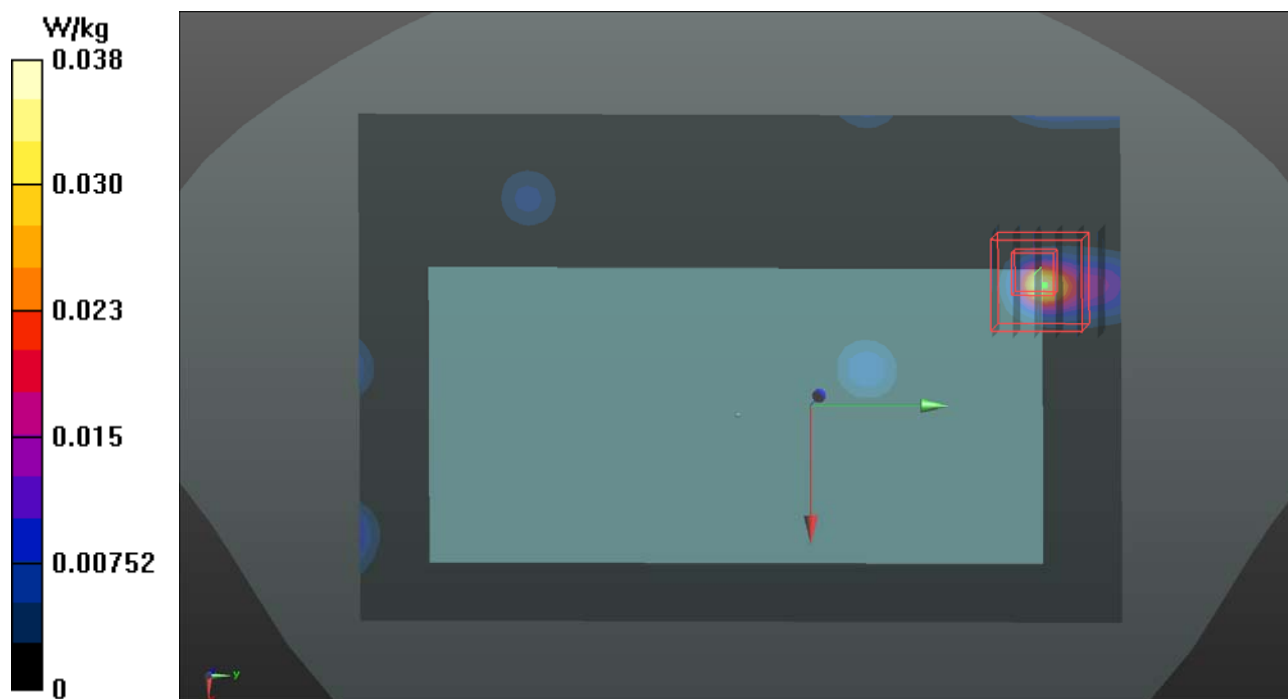
- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

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

Peak SAR (extrapolated) = 0.128 W/kg

SAR(1 g) = 0.00868 W/kg; SAR(10 g) = 0.002 W/kg

Maximum value of SAR (measured) = 0.0277 W/kg



P31 5.6G WLAN_802.11a_Front Face_1cm_Ch116**DUT: 150821C08**

Communication System: WLAN_5G; Frequency: 5580 MHz; Duty Cycle: 1:1.17

Medium: B34T60N3_0831 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.929$ S/m; $\epsilon_r = 46.998$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(3.93, 3.93, 3.93); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (121x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0995 W/kg

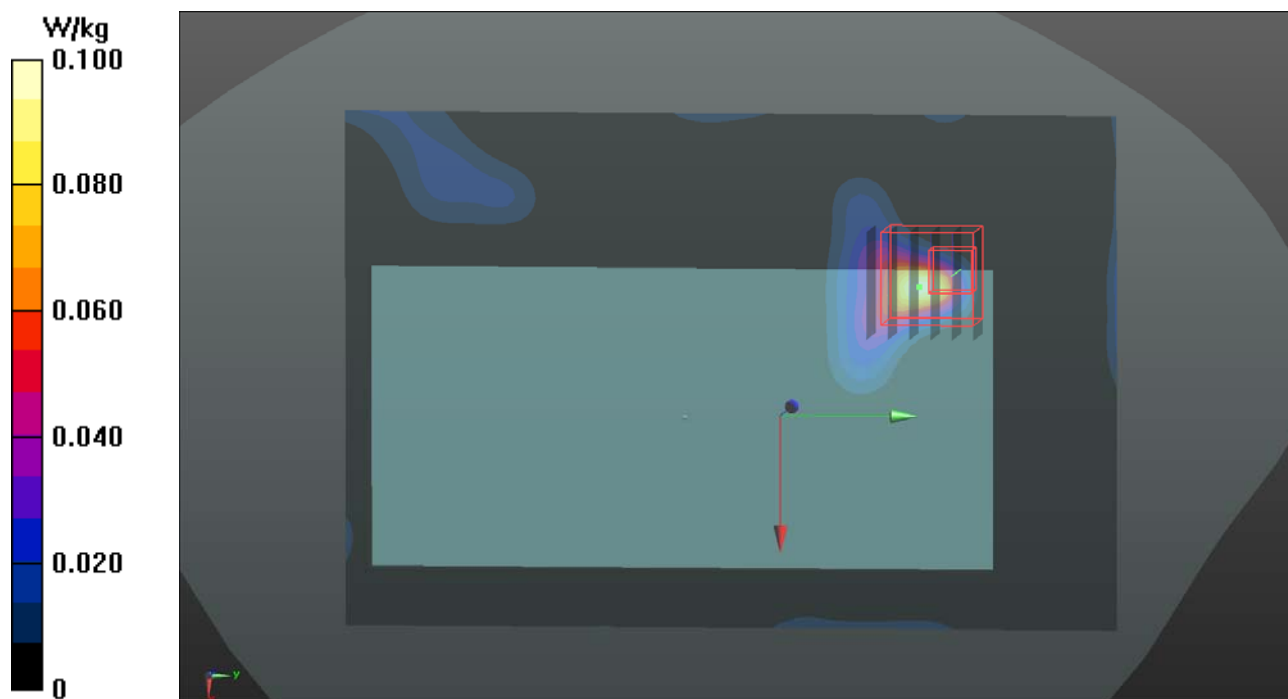
- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 0.8590 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.209 W/kg

SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.00808 W/kg

Maximum value of SAR (measured) = 0.0875 W/kg



P32 5.8G WLAN_802.11a_Front Face_1cm_Ch157**DUT: 150821C08**

Communication System: WLAN_5G; Frequency: 5785 MHz; Duty Cycle: 1:1.17

Medium: B34T60N3_0831 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.217$ S/m; $\epsilon_r = 46.612$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(4.2, 4.2, 4.2); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.0470 W/kg

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

Reference Value = 1.083 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.236 W/kg

SAR(1 g) = 0.017 W/kg; SAR(10 g) = 0.0045 W/kg

Maximum value of SAR (measured) = 0.0467 W/kg

