

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_GPRS 12_Left Cheek_Ch128**DUT: 200629W001**

Communication System: GPRS12; Frequency: 824.2 MHz; Duty Cycle: 1:2.08

Medium: HSL835_0703 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.894$ S/m; $\epsilon_r = 40.66$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4°C; Liquid Temperature : 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(9.89, 9.89, 9.89) @ 824.2 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 9/10/2019
- Phantom: Twin-SAM (Right SAM2); Type: QD 000 P41 AA; Serial: 1986
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 0.867 W/kg

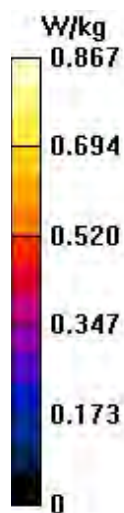
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.84 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.902 W/kg

SAR(1 g) = 0.473 W/kg; SAR(10 g) = 0.335 W/kg

Maximum value of SAR (measured) = 0.826 W/kg



P02 GSM1900_GPRS 12_Left Cheek_Ch810

DUT: 200629W001

Communication System: GPRS12; Frequency: 1909.8 MHz; Duty Cycle: 1:2.08

Medium: HSL1900_0707 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.455$ S/m; $\epsilon_r = 40.198$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1°C; Liquid Temperature : 22.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(8.09, 8.09, 8.09) @ 1909.8 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 9/10/2019
- Phantom: Twin-SAM (Right SAM2); Type: QD 000 P41 AA; Serial: 1986
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 0.535 W/kg

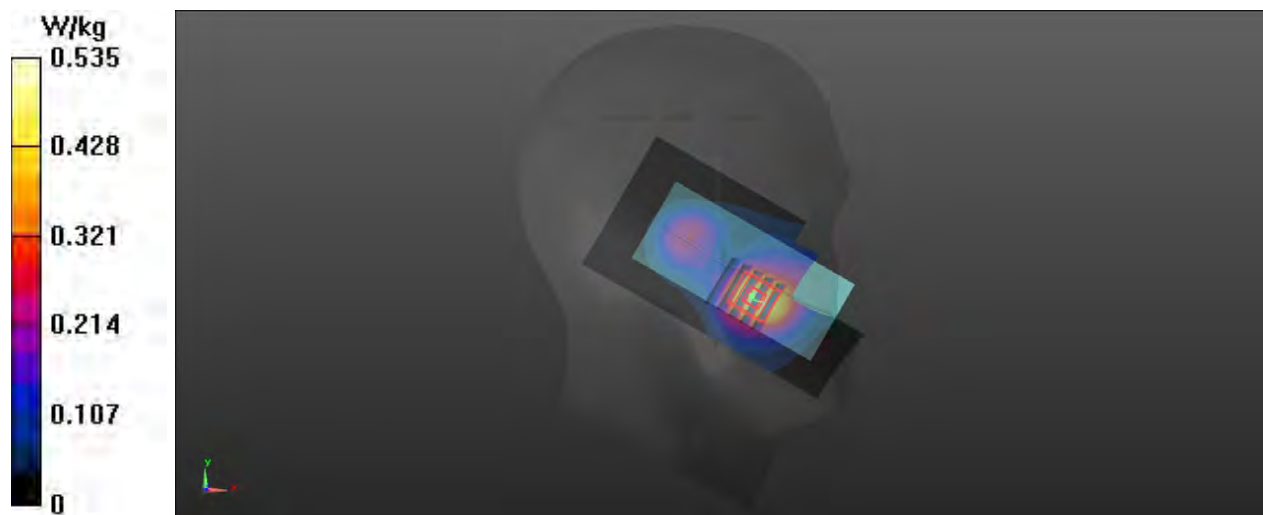
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.911 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.574 W/kg

SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.202 W/kg

Maximum value of SAR (measured) = 0.500 W/kg



P03 WCDMA II_RMC12.2K_Left Cheek_Ch9538

DUT: 200629W001

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

Medium: HSL1900_0707 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.452$ S/m; $\epsilon_r = 40.202$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1°C; Liquid Temperature : 22.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(8.09, 8.09, 8.09) @ 1907.6 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 9/10/2019
- Phantom: Twin-SAM (Right SAM2); Type: QD 000 P41 AA; Serial: 1986
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 1.17 W/kg

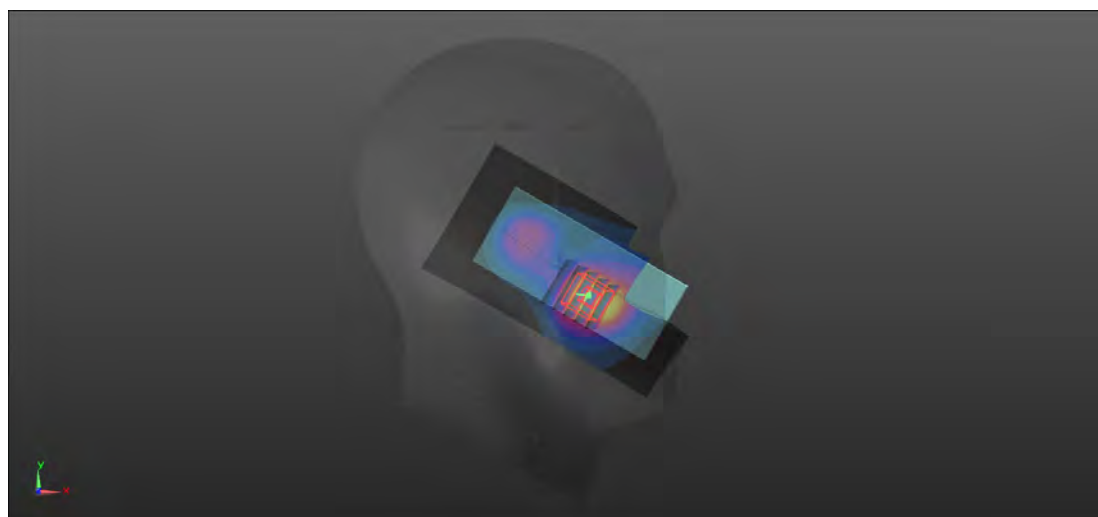
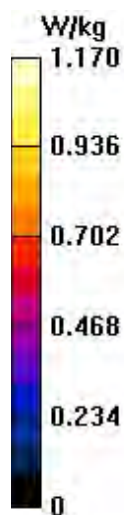
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.73 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.813 W/kg; SAR(10 g) = 0.505 W/kg

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



P04 WCDMA IV_RMC12.2K_Left Cheek_Ch1312**DUT: 200629W001**

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

Medium: HSL1750_0706 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.315$ S/m; $\epsilon_r = 40.824$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6°C; Liquid Temperature : 22.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(8.54, 8.54, 8.54) @ 1712.4 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 9/10/2019
- Phantom: Twin-SAM (Right SAM2); Type: QD 000 P41 AA; Serial: 1986
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

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

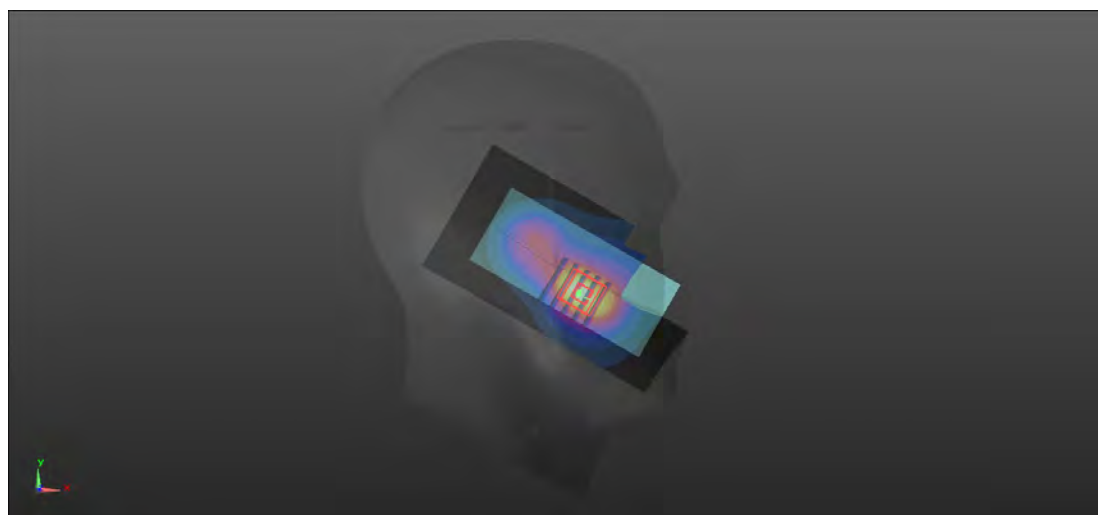
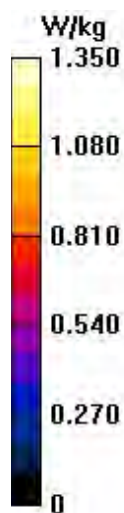
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.81 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.886 W/kg; SAR(10 g) = 0.561 W/kg

Maximum value of SAR (measured) = 1.17 W/kg



P05 WCDMA V_RMC12.2K_Left Cheek_Ch4132

DUT: 200629W001

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

Medium: HSL835_0703 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.895$ S/m; $\epsilon_r = 40.643$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4°C; Liquid Temperature : 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(9.89, 9.89, 9.89) @ 826.4 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 9/10/2019
- Phantom: Twin-SAM (Right SAM2); Type: QD 000 P41 AA; Serial: 1986
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

- Area Scan (61x121x1): 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: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.76 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.844 W/kg; SAR(10 g) = 0.601 W/kg

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



P06 LTE 2_QPSK20M_Left Cheek_Ch19100_1RB_OS50**DUT: 200629W001**

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

Medium: HSL1900_0707 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.443$ S/m; $\epsilon_r = 40.221$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1°C; Liquid Temperature : 22.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(8.09, 8.09, 8.09) @ 1900 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 9/10/2019
- Phantom: Twin-SAM (Right SAM2); Type: QD 000 P41 AA; Serial: 1986
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

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

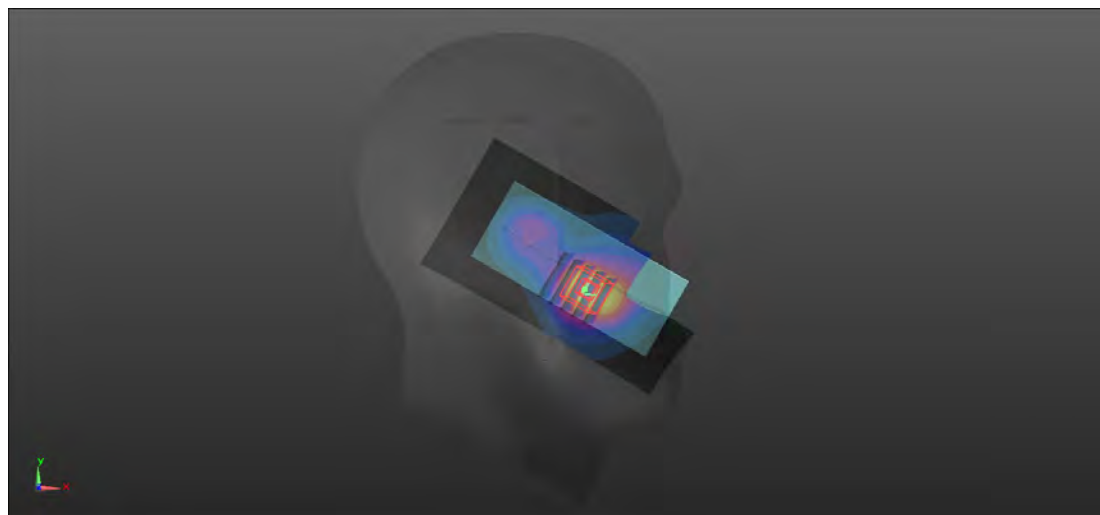
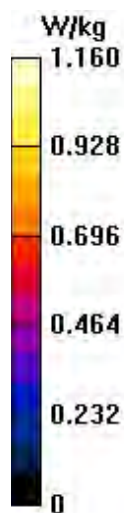
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.29 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.780 W/kg; SAR(10 g) = 0.489 W/kg

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



P07 LTE 4_QPSK20M_Left Cheek_Ch20050_1RB_OS0**DUT: 200629W001**

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

Medium: HSL1750_0706 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.319$ S/m; $\epsilon_r = 40.805$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6°C; Liquid Temperature : 22.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(8.54, 8.54, 8.54) @ 1720 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 9/10/2019
- Phantom: Twin-SAM (Right SAM2); Type: QD 000 P41 AA; Serial: 1986
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 1.25 W/kg

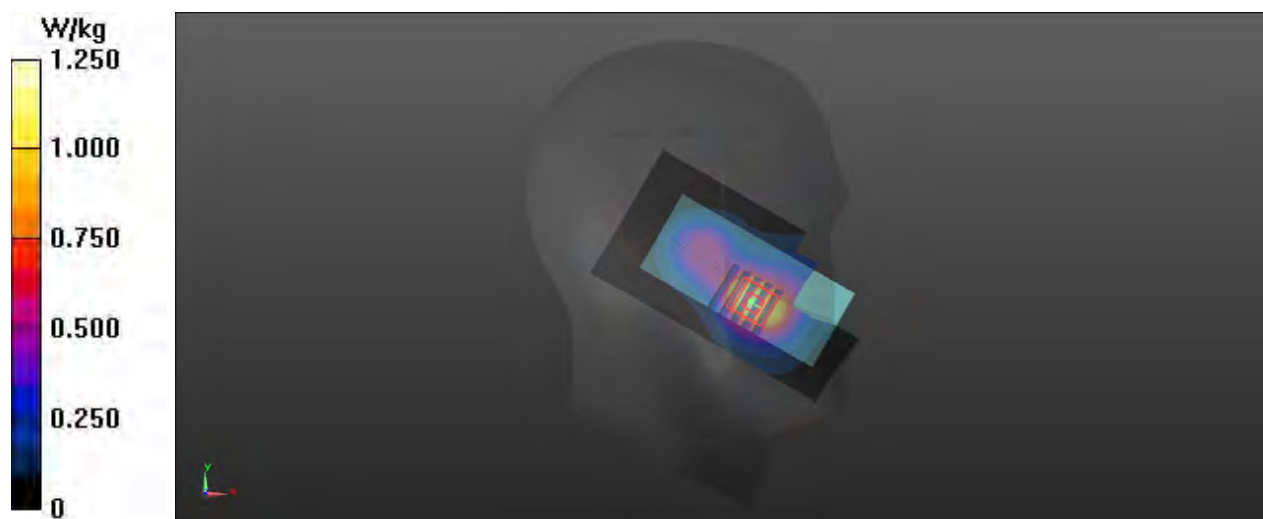
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.81 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.839 W/kg; SAR(10 g) = 0.534 W/kg

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



P08 LTE 5_QPSK10M_Left Cheek_Ch20525_1RB_OS0**DUT: 200629W001**

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

Medium: HSL835_0703 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.9$ S/m; $\epsilon_r = 40.562$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4°C; Liquid Temperature : 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(9.89, 9.89, 9.89) @ 836.5 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 9/10/2019
- Phantom: Twin-SAM (Right SAM2); Type: QD 000 P41 AA; Serial: 1986
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 0.916 W/kg

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

Reference Value = 12.19 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.976 W/kg

SAR(1 g) = 0.702 W/kg; SAR(10 g) = 0.502 W/kg

Maximum value of SAR (measured) = 0.888 W/kg



P09 LTE 7_QPSK20M_Left Cheek_Ch20850_1RB_OS99**DUT: 200629W001**

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

Medium: HSL2600_0708 Medium parameters used: $f = 2510$ MHz; $\sigma = 1.94$ S/m; $\epsilon_r = 39.277$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5°C; Liquid Temperature : 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.17, 7.17, 7.17) @ 2510 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 9/10/2019
- Phantom: Twin-SAM (Right SAM2); Type: QD 000 P41 AA; Serial: 1986
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 1.32 W/kg

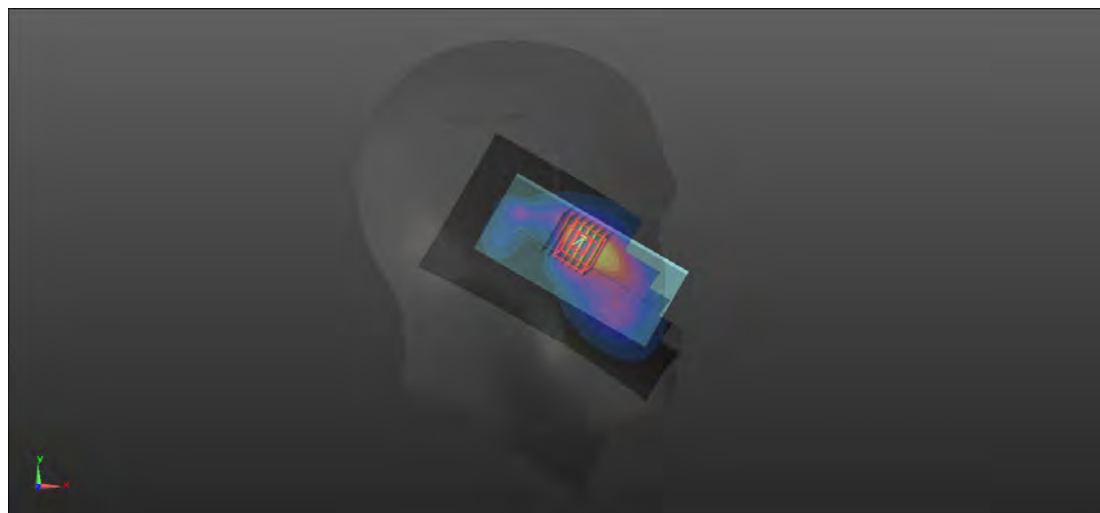
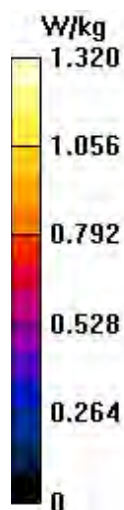
- Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.703 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 0.932 W/kg; SAR(10 g) = 0.517 W/kg

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



P10 LTE 12_QPSK10M_Left Cheek_Ch23130_1RB_OS49**DUT: 200629W001**

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

Medium: HSL750_0701 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.861 \text{ S/m}$; $\epsilon_r = 41.24$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.2°C; Liquid Temperature : 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.23, 10.23, 10.23) @ 711 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 9/10/2019
- Phantom: Twin-SAM (Right SAM2); Type: QD 000 P41 AA; Serial: 1986
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

- Area Scan (61x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

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

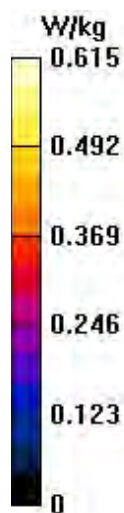
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.46 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.663 W/kg

SAR(1 g) = 0.497 W/kg; SAR(10 g) = 0.362 W/kg

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



P11 LTE 13_QPSK10M_Left Cheek_Ch23230_1RB_OS49**DUT: 200629W001**

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

Medium: HSL750_0701 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.919 \text{ S/m}$; $\epsilon_r = 40.485$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.2°C; Liquid Temperature : 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.23, 10.23, 10.23) @ 782 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 9/10/2019
- Phantom: Twin-SAM (Right SAM2); Type: QD 000 P41 AA; Serial: 1986
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

- Area Scan (61x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.738 W/kg

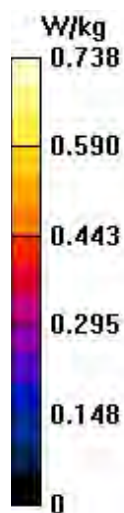
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.945 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.782 W/kg

SAR(1 g) = 0.586 W/kg; SAR(10 g) = 0.422 W/kg

Maximum value of SAR (measured) = 0.721 W/kg



P12 LTE 17_QPSK10M_Left Cheek_Ch23790_1RB_OS49**DUT: 200629W001**

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: HSL750_0701 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.86 \text{ S/m}$; $\epsilon_r = 41.258$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.2°C; Liquid Temperature : 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.23, 10.23, 10.23) @ 710 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 9/10/2019
- Phantom: Twin-SAM (Right SAM2); Type: QD 000 P41 AA; Serial: 1986
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

- Area Scan (61x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.617 W/kg

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

Reference Value = 10.43 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.649 W/kg

SAR(1 g) = 0.490 W/kg; SAR(10 g) = 0.359 W/kg

Maximum value of SAR (measured) = 0.601 W/kg



P13 GSM 850_GPRS 12_Rear Face_1.5cm_Ch128**DUT: 200629W001**

Communication System: GPRS12; Frequency: 824.2 MHz; Duty Cycle: 1:2.08

Medium: HSL835_0703 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.894$ S/m; $\epsilon_r = 40.66$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4°C; Liquid Temperature : 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(9.89, 9.89, 9.89) @ 824.2 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 9/10/2019
- Phantom: Twin-SAM (Right SAM2); Type: QD 000 P41 AA; Serial: 1986
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 0.795 W/kg

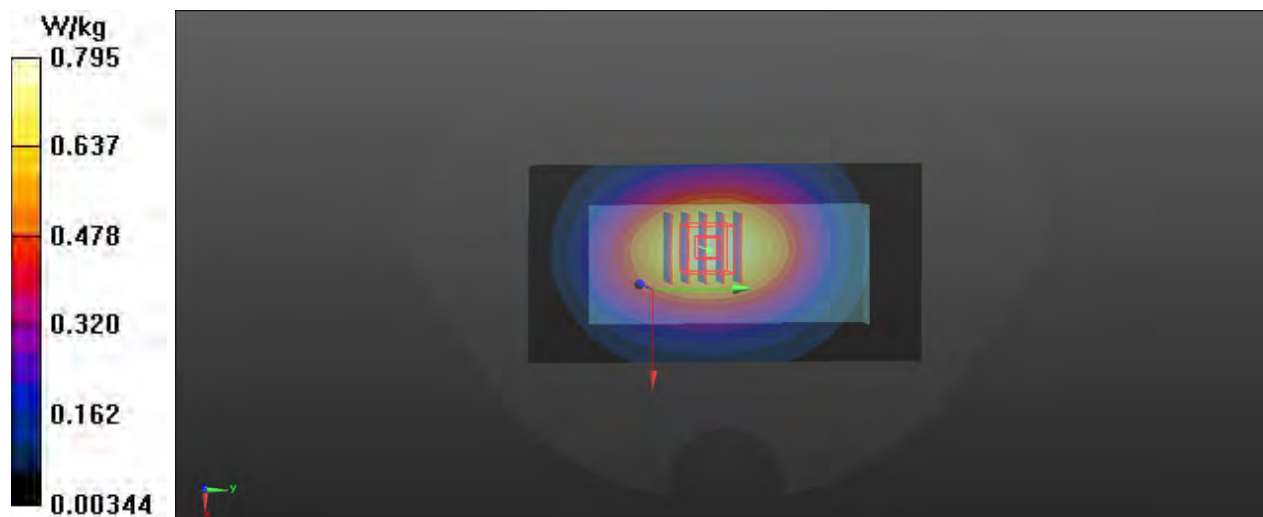
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.18 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.885 W/kg

SAR(1 g) = 0.433 W/kg; SAR(10 g) = 0.300 W/kg

Maximum value of SAR (measured) = 0.793 W/kg



P14 GSM 1900_GPRS 12_Rear Face_1.5cm_Ch810**DUT: 200629W001**

Communication System: GPRS12; Frequency: 1909.8 MHz; Duty Cycle: 1:2.08

Medium: HSL1900_0707 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.455$ S/m; $\epsilon_r = 40.198$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1°C; Liquid Temperature : 22.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(8.09, 8.09, 8.09) @ 1909.8 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 9/10/2019
- Phantom: Twin-SAM (Right SAM2); Type: QD 000 P41 AA; Serial: 1986
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 0.617 W/kg

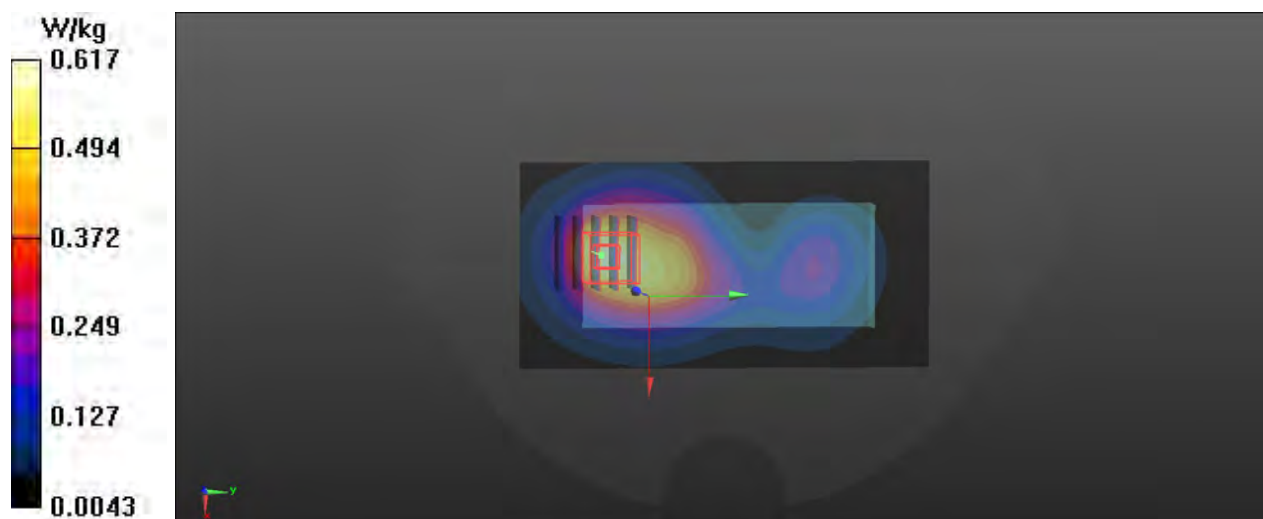
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.33 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.748 W/kg

SAR(1 g) = 0.435 W/kg; SAR(10 g) = 0.259 W/kg

Maximum value of SAR (measured) = 0.628 W/kg



P15 WCDMA II_RMC12.2K_Rear Face_1.5cm_Ch9538**DUT: 200629W001**

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

Medium: HSL1900_0707 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.452$ S/m; $\epsilon_r = 40.202$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1°C; Liquid Temperature : 22.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(8.09, 8.09, 8.09) @ 1907.6 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 9/10/2019
- Phantom: Twin-SAM (Right SAM2); Type: QD 000 P41 AA; Serial: 1986
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 1.65 W/kg

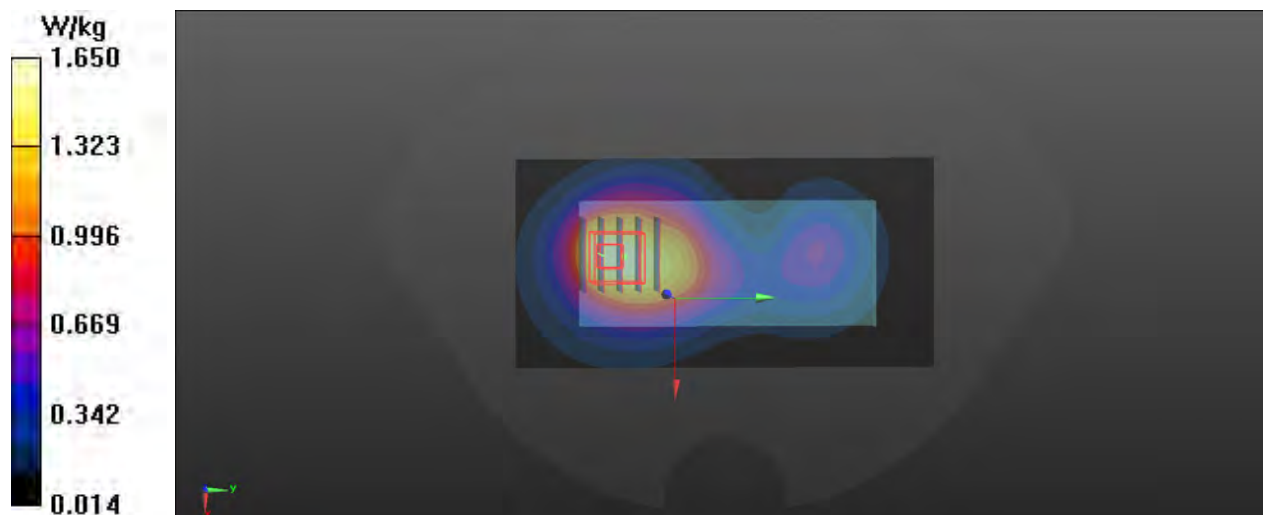
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.88 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.01 W/kg

SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.721 W/kg

Maximum value of SAR (measured) = 1.70 W/kg



P16 WCDMA IV_RMC12.2K_Rear Face_1.5cm_Ch1312**DUT: 200629W001**

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

Medium: HSL1750_0706 Medium parameters used : $f = 1712.4$ MHz; $\sigma = 1.315$ S/m; $\epsilon_r = 40.824$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6°C; Liquid Temperature : 22.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(8.54, 8.54, 8.54) @ 1712.4 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 9/10/2019
- Phantom: Twin-SAM (Right SAM2); Type: QD 000 P41 AA; Serial: 1986
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

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

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

Reference Value = 15.57 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 0.958 W/kg; SAR(10 g) = 0.596 W/kg

Maximum value of SAR (measured) = 1.32 W/kg

