

T09_GSM 850_GSM_CH128_Right Cheek_ANT Main_SIM 2_Battery 3**DUT: Mobile Phone;**

Communication System: UID 0, GSM (0); Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.893$ S/m; $\epsilon_r = 43.064$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C; Liquid Temperature : 22.6 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(6.33, 6.33, 6.33) @ 824.2 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = -8.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.0526 W/kg

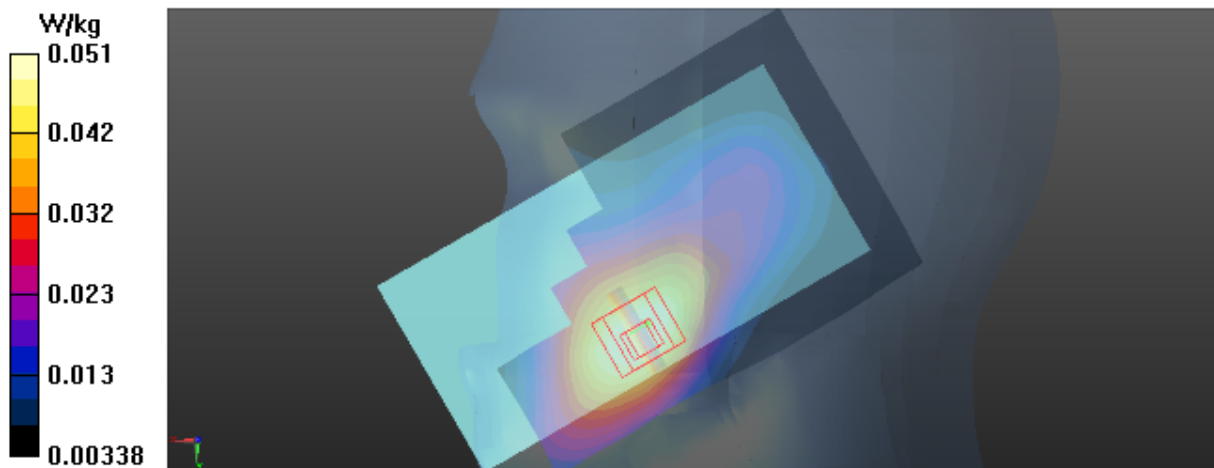
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.468 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.0650 W/kg

SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.038 W/kg

Maximum value of SAR (measured) = 0.0514 W/kg



T18_GSM 850_GSM_CH128_Right Cheek_ANT Second_SIM 2_Battery 3**DUT: Mobile Phone;**

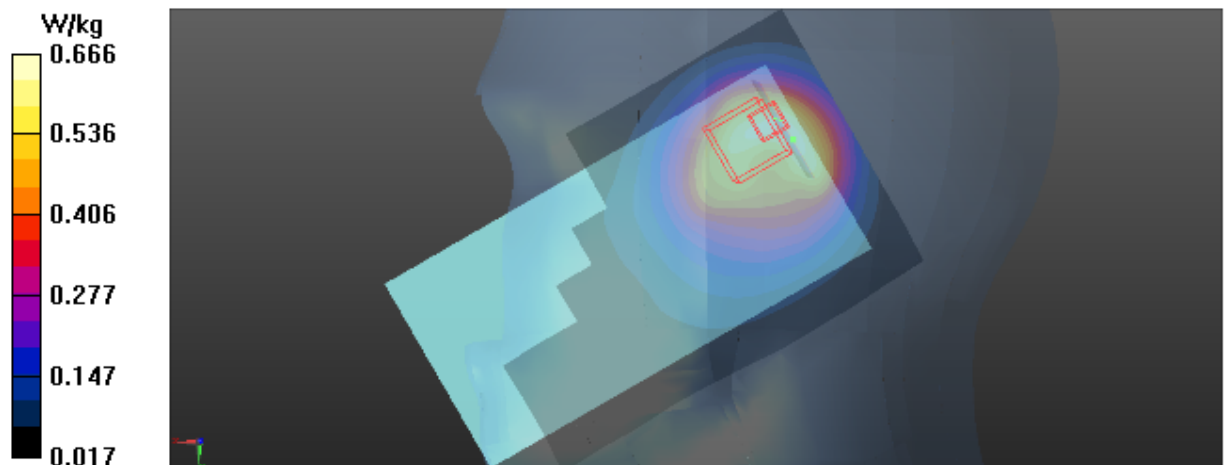
Communication System: UID 0, GSM (0); Frequency: 824.2 MHz; Duty Cycle: 1:8.3
Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.893$ S/m; $\epsilon_r = 43.064$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.8 °C; Liquid Temperature : 22.6 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(6.33, 6.33, 6.33) @ 824.2 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = -8.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.658 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 24.37 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.627 W/kg; SAR(10 g) = 0.391 W/kg
Maximum value of SAR (measured) = 0.666 W/kg



T27_GSM 1900_GSM_CH810_Left Cheek_ANT Main_SIM 1_Battery 3**DUT: Mobile Phone;**

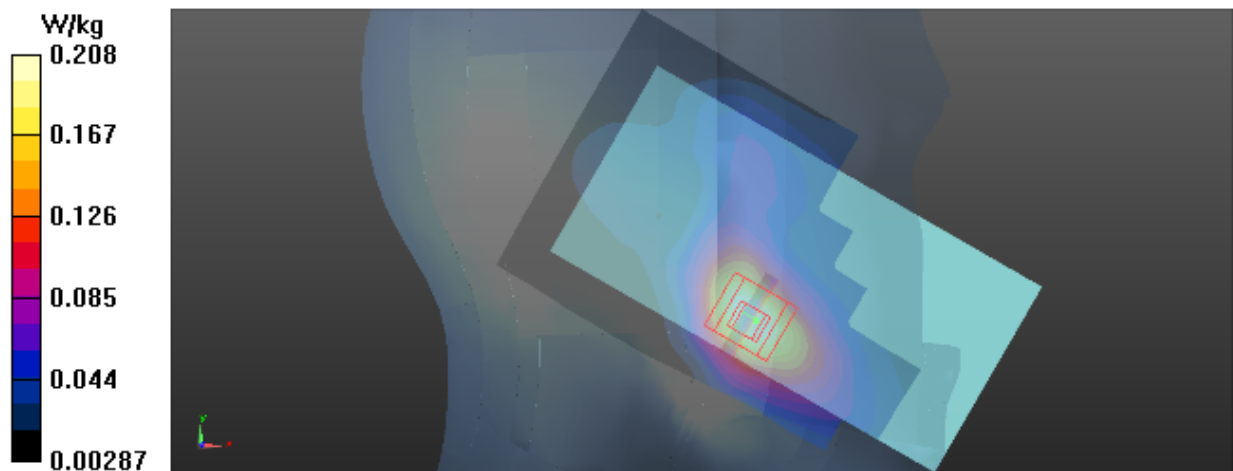
Communication System: UID 0, GSM (0); Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1910$ MHz; $\sigma = 1.375$ S/m; $\epsilon_r = 38.394$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(5.08, 5.08, 5.08) @ 1909.8 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.208 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 4.617 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.313 W/kg
SAR(1 g) = 0.194 W/kg; SAR(10 g) = 0.116 W/kg
Maximum value of SAR (measured) = 0.208 W/kg



T34_GSM 1900_GSM_CH810_Right Cheek_ANT Second_SIM 2_Battery 1**DUT: Mobile Phone;**

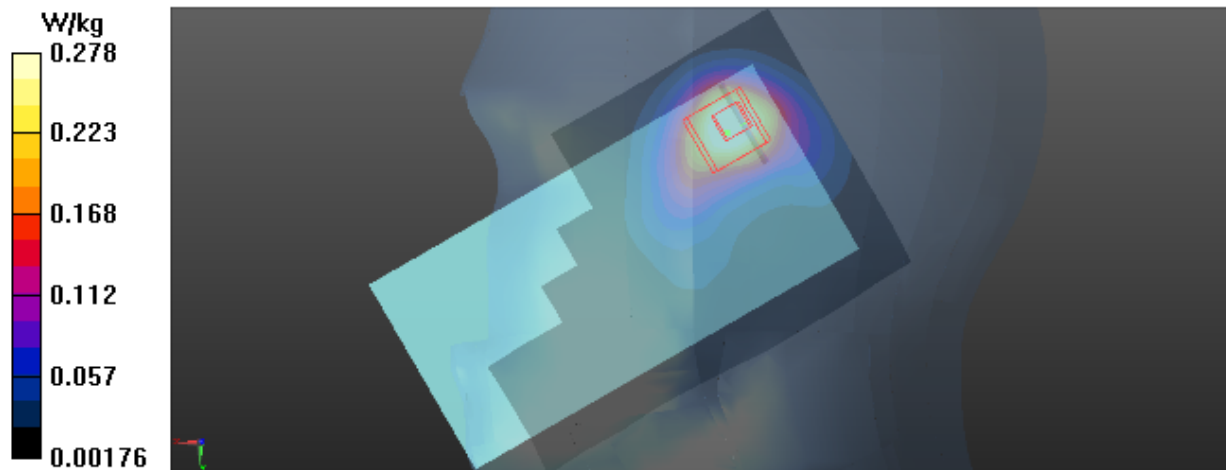
Communication System: UID 0, GSM (0); Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1910$ MHz; $\sigma = 1.375$ S/m; $\epsilon_r = 38.394$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(5.08, 5.08, 5.08) @ 1909.8 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.300 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 6.868 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.455 W/kg
SAR(1 g) = 0.267 W/kg; SAR(10 g) = 0.152 W/kg
Maximum value of SAR (measured) = 0.278 W/kg



T45_UMTS B2_RMC12.2K_CH9538_Left Cheek_ANT Main_SIM 2_Battery 3**DUT: Mobile Phone;**

Communication System: UID 0, WCDMA (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1908$ MHz; $\sigma = 1.372$ S/m; $\epsilon_r = 38.396$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(5.08, 5.08, 5.08) @ 1907.6 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.344 W/kg

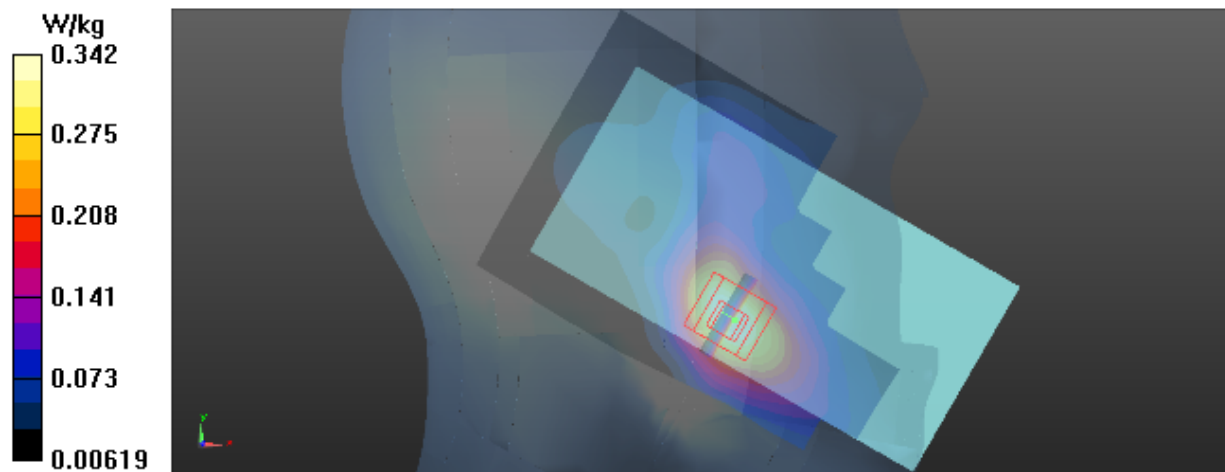
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.213 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.512 W/kg

SAR(1 g) = 0.320 W/kg; SAR(10 g) = 0.192 W/kg

Maximum value of SAR (measured) = 0.342 W/kg



T51_UMTS B2_RMC12.2K_CH9538_Right Cheek_ANT Second_SIM 1_Battery 1**DUT: Mobile Phone;**

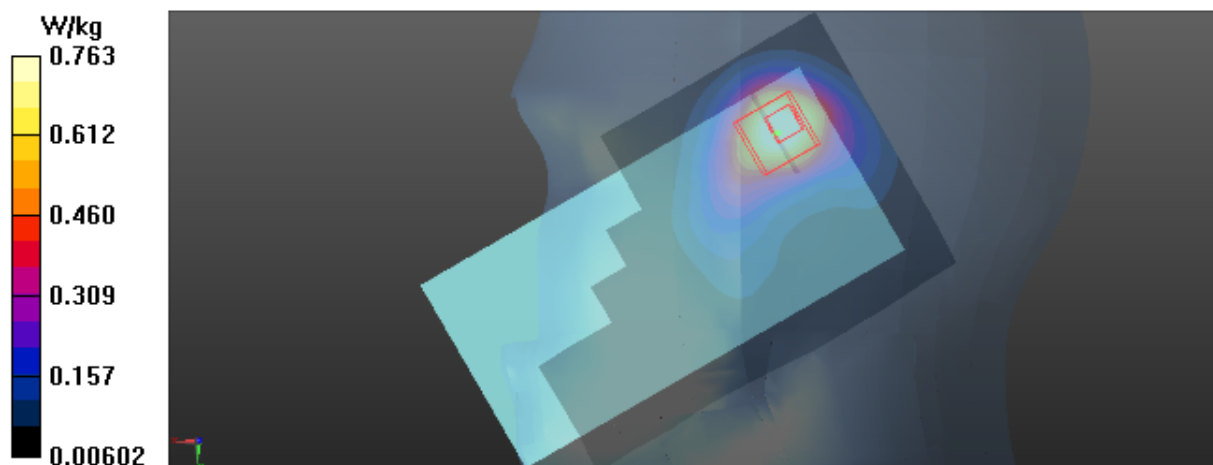
Communication System: UID 0, WCDMA (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1908$ MHz; $\sigma = 1.372$ S/m; $\epsilon_r = 38.396$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(5.08, 5.08, 5.08) @ 1907.6 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.801 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 11.39 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.725 W/kg; SAR(10 g) = 0.417 W/kg
Maximum value of SAR (measured) = 0.763 W/kg



T60_UMTS B4_RMC12.2K_CH1513_Left Cheek_ANT Main_SIM 1_Battery 1**DUT: Mobile Phone;**

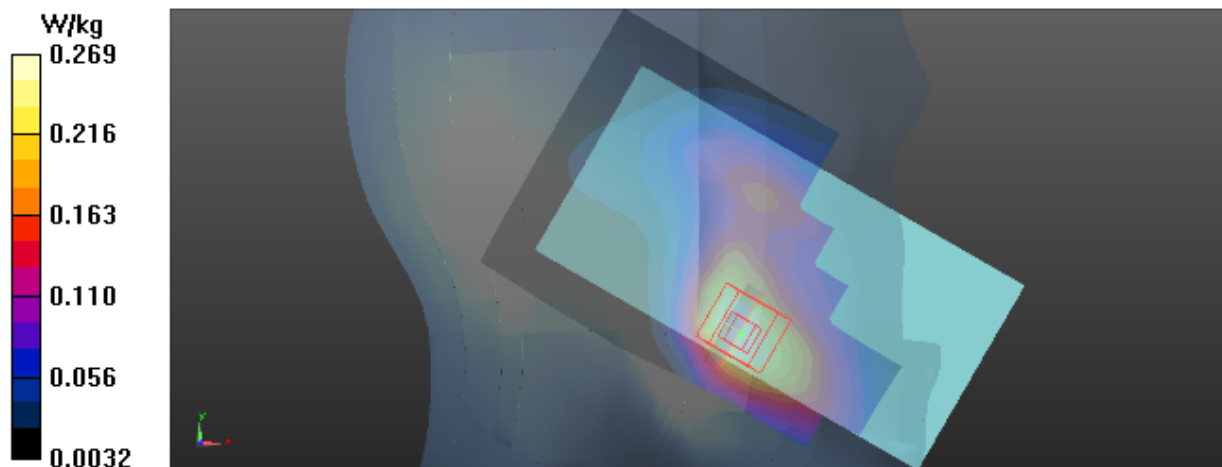
Communication System: UID 0, WCDMA (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1753$ MHz; $\sigma = 1.408$ S/m; $\epsilon_r = 41.322$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(5.25, 5.25, 5.25) @ 1752.6 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.272 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 4.762 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.381 W/kg
SAR(1 g) = 0.248 W/kg; SAR(10 g) = 0.157 W/kg
Maximum value of SAR (measured) = 0.269 W/kg



T69_UMTS B4_RMC12.2K_CH1513_Right Cheek_ANT Second_SIM 1_Battery 1**DUT: Mobile Phone;**

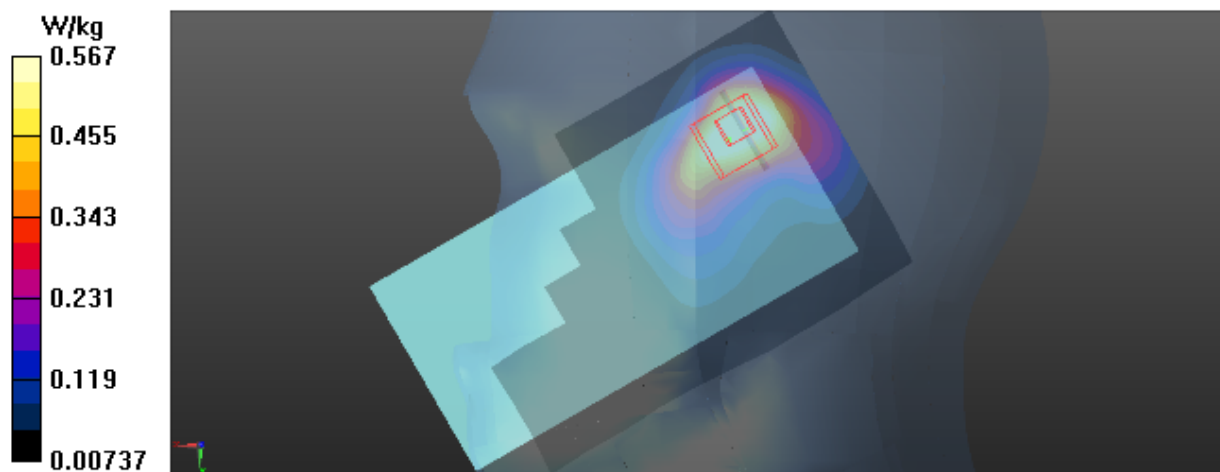
Communication System: UID 0, WCDMA (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1753$ MHz; $\sigma = 1.408$ S/m; $\epsilon_r = 41.322$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(5.25, 5.25, 5.25) @ 1752.6 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.613 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 11.80 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.888 W/kg
SAR(1 g) = 0.546 W/kg; SAR(10 g) = 0.330 W/kg
Maximum value of SAR (measured) = 0.567 W/kg



T80_UMTS B5_RMC12.2K_CH4132_Right Cheek_ANT Main_SIM 2_Battery 2**DUT: Mobile Phone;**

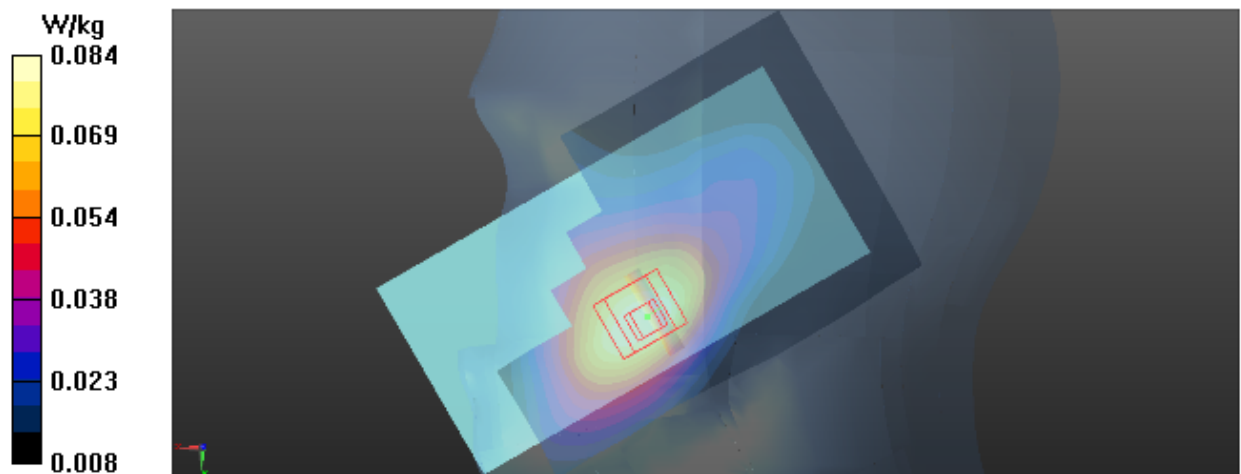
Communication System: UID 0, WCDMA (0); Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.896$ S/m; $\epsilon_r = 43.035$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.8 °C; Liquid Temperature : 22.6 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(6.33, 6.33, 6.33) @ 826.4 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.0883 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 4.096 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.106 W/kg
SAR(1 g) = 0.080 W/kg; SAR(10 g) = 0.061 W/kg
Maximum value of SAR (measured) = 0.0839 W/kg



T82_UMTS B5_RMC12.2K_CH4182_Right Cheek_ANT Second_SIM 1_Battery 1**DUT: Mobile Phone;**

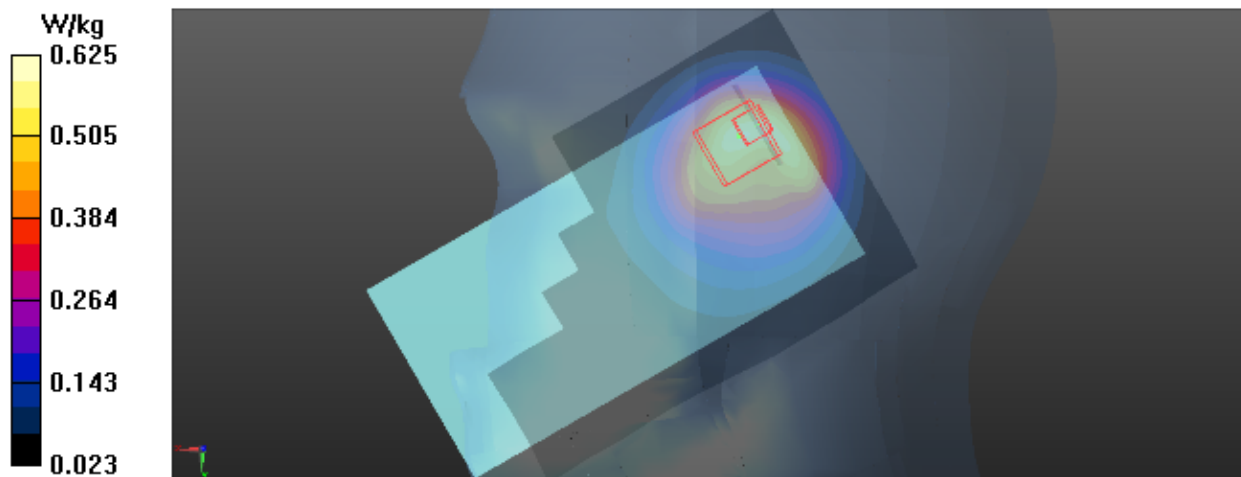
Communication System: UID 0, WCDMA (0); Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.905$ S/m; $\epsilon_r = 42.911$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.8 °C; Liquid Temperature : 22.6 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(6.33, 6.33, 6.33) @ 836.4 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.590 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 22.87 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.569 W/kg; SAR(10 g) = 0.352 W/kg
Maximum value of SAR (measured) = 0.625 W/kg



T102_LTE B2_QPSK20M_CH18900_1RB_Left Cheek_ANT Main_SIM 2_Battery 2**DUT: Mobile Phone;**

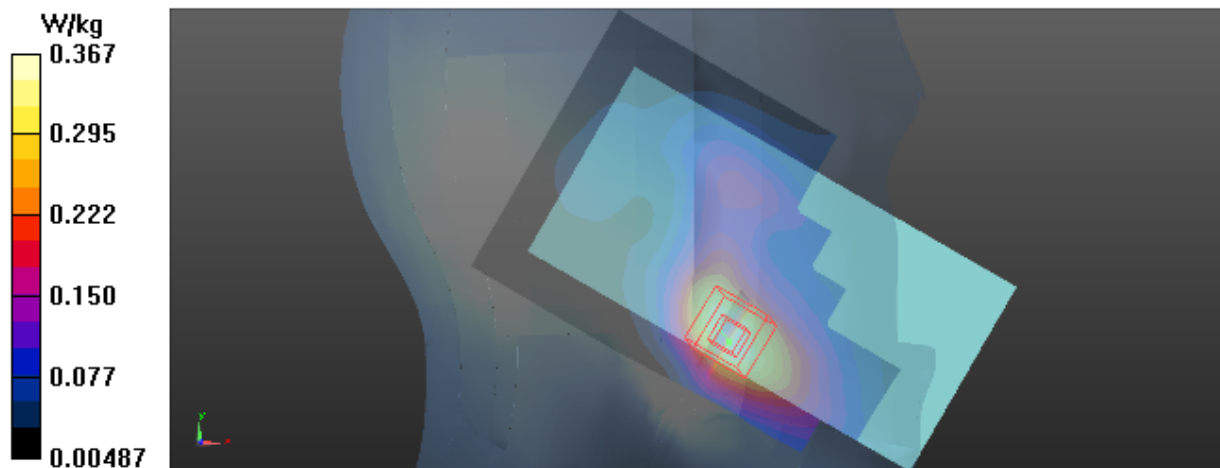
Communication System: UID 0, LTE FDD (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.347$ S/m; $\epsilon_r = 38.506$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(5.08, 5.08, 5.08) @ 1880 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.364 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 5.289 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.457 W/kg
SAR(1 g) = 0.279 W/kg; SAR(10 g) = 0.173 W/kg
Maximum value of SAR (measured) = 0.367 W/kg



T115_LTE B2_QPSK20M_CH18900_1RB_Right Cheek_ANT Second_SIM 1_Battery 2**DUT: Mobile Phone;**

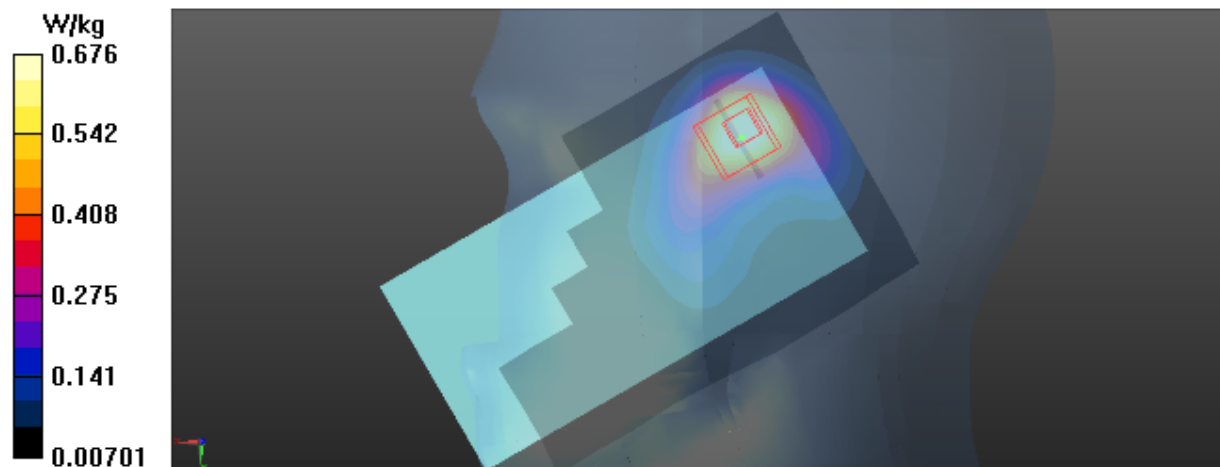
Communication System: UID 0, LTE FDD (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.347$ S/m; $\epsilon_r = 38.506$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(5.08, 5.08, 5.08) @ 1880 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.711 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 12.87 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.640 W/kg; SAR(10 g) = 0.382 W/kg
Maximum value of SAR (measured) = 0.676 W/kg



T126_LTE B4_QPSK20M_CH20300_1RB_Left Cheek_ANT Main_SIM 1_Battery 1**DUT: Mobile Phone;**

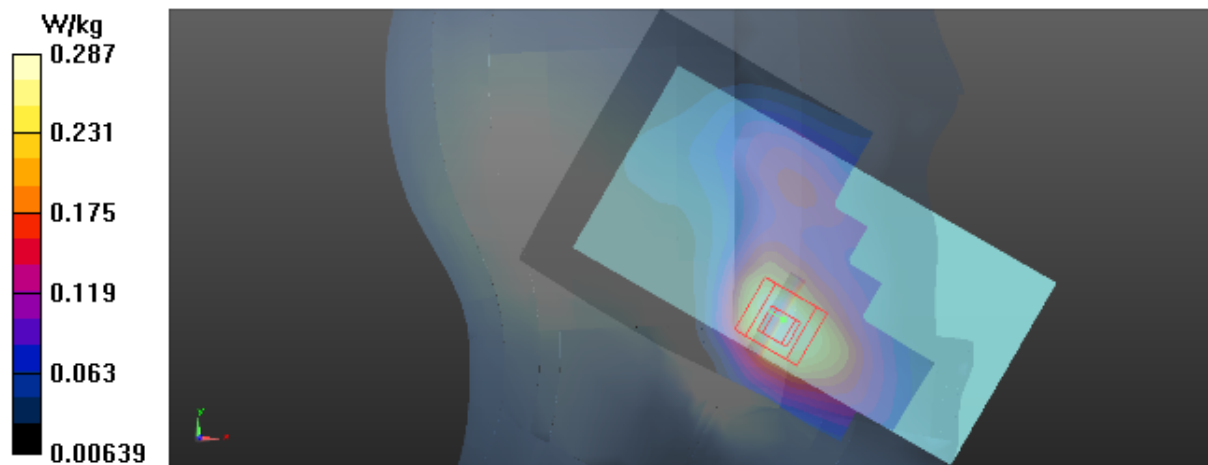
Communication System: UID 0, LTE FDD (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1745$ MHz; $\sigma = 1.401$ S/m; $\epsilon_r = 41.359$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(5.25, 5.25, 5.25) @ 1745 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.300 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 4.772 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.422 W/kg
SAR(1 g) = 0.269 W/kg; SAR(10 g) = 0.168 W/kg
Maximum value of SAR (measured) = 0.287 W/kg



T142_LTE B4_QPSK20M_CH20175_1RB_Right Cheek_ANT Second_SIM 2_Battery 3**DUT: Mobile Phone;**

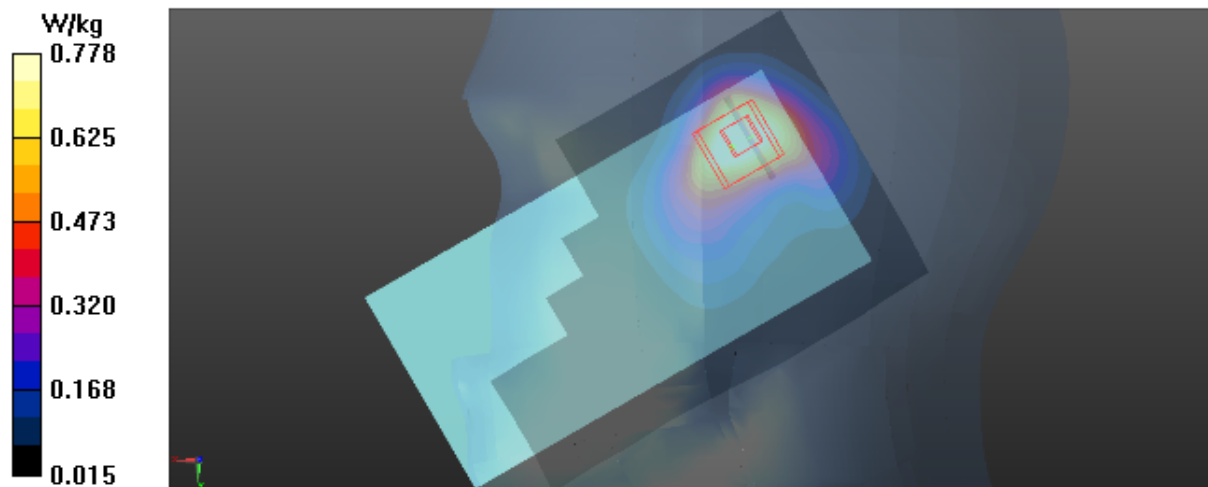
Communication System: UID 0, LTE FDD (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1733$ MHz; $\sigma = 1.382$ S/m; $\epsilon_r = 39.55$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(8.64, 8.64, 8.64) @ 1732.5 MHz; Calibrated: 2018-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.852 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 13.90 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.741 W/kg; SAR(10 g) = 0.454 W/kg
Maximum value of SAR (measured) = 0.778 W/kg



T145_LTE B5_QPSK10M_CH20525_1RB_Left Cheek_ANT Main_SIM 1_Battery 1**DUT: Mobile Phone;**

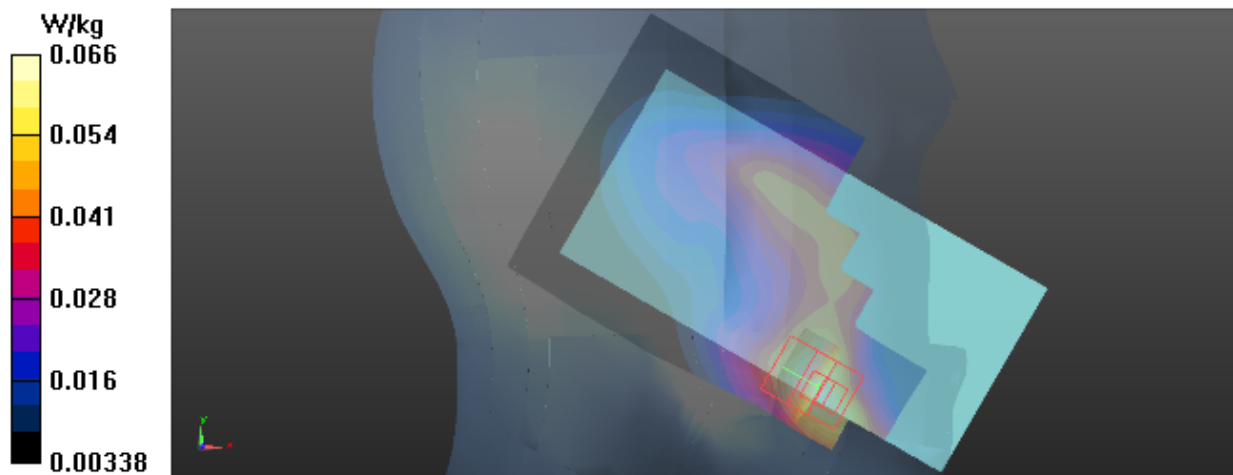
Communication System: UID 0, LTE FDD (0); Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.889$ S/m; $\epsilon_r = 42.397$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(6.33, 6.33, 6.33) @ 836.5 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.0631 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 4.205 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.0870 W/kg
SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.041 W/kg
Maximum value of SAR (measured) = 0.0661 W/kg



T167_LTE B5_QPSK10M_CH20525_1RB_Right Cheek_ANT Second_SIM 2_Battery 2**DUT: Mobile Phone;**

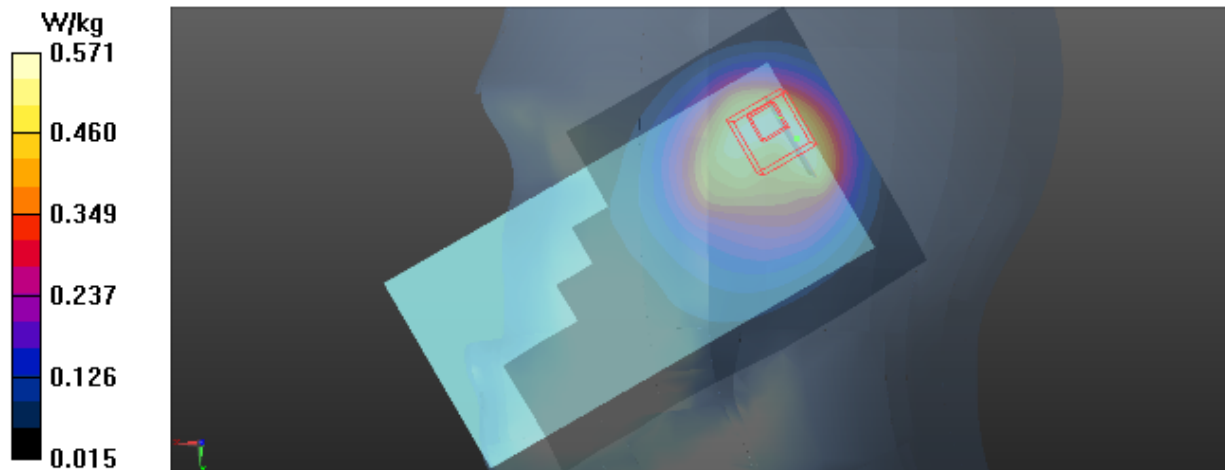
Communication System: UID 0, LTE FDD (0); Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.893$ S/m; $\epsilon_r = 43.355$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.1 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(6.33, 6.33, 6.33) @ 836.5 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.572 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 23.06 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.987 W/kg
SAR(1 g) = 0.547 W/kg; SAR(10 g) = 0.328 W/kg
Maximum value of SAR (measured) = 0.571 W/kg



T175_LTE B7_QPSK20M_CH21350_50RB_Left Cheek_ANT Main_SIM 1_Battery 1**DUT: Mobile Phone;**

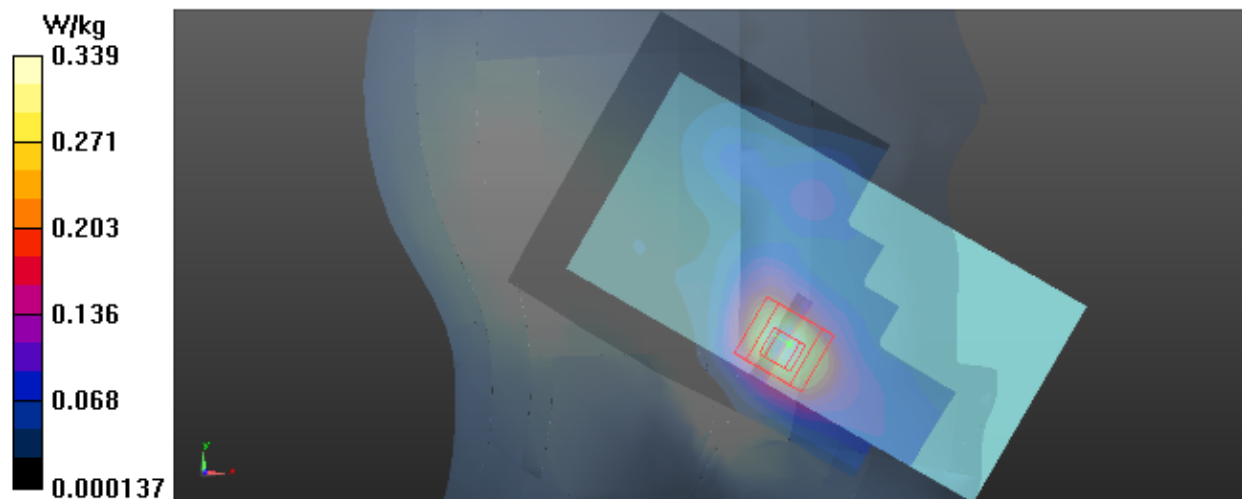
Communication System: UID 0, LTE FDD (0); Frequency: 2560 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2560$ MHz; $\sigma = 1.972$ S/m; $\epsilon_r = 37.809$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(4.41, 4.41, 4.41) @ 2560 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x16x1): Interpolated grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (interpolated) = 0.349 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 2.917 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.622 W/kg
SAR(1 g) = 0.313 W/kg; SAR(10 g) = 0.157 W/kg
Maximum value of SAR (measured) = 0.339 W/kg



T194_LTE B7_QPSK20M_CH21100_50RB_Right Cheek_ANT Second_SIM 2_Battery 3**DUT: Mobile Phone;**

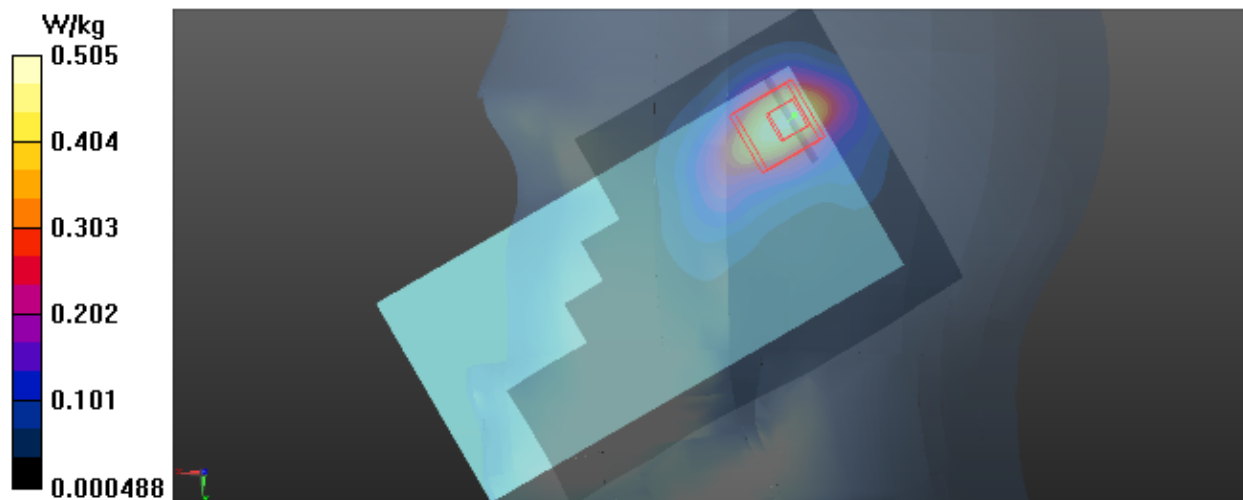
Communication System: UID 0, LTE FDD (0); Frequency: 2535 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2535$ MHz; $\sigma = 1.943$ S/m; $\epsilon_r = 37.908$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(4.6, 4.6, 4.6) @ 2535 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x16x1): Interpolated grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (interpolated) = 0.490 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 6.812 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.920 W/kg
SAR(1 g) = 0.458 W/kg; SAR(10 g) = 0.223 W/kg
Maximum value of SAR (measured) = 0.505 W/kg



T205_LTE B12_QPSK10M_CH23130_1RB_Right Cheek_ANT Main_SIM 2_Battery 1**DUT: Mobile Phone;**

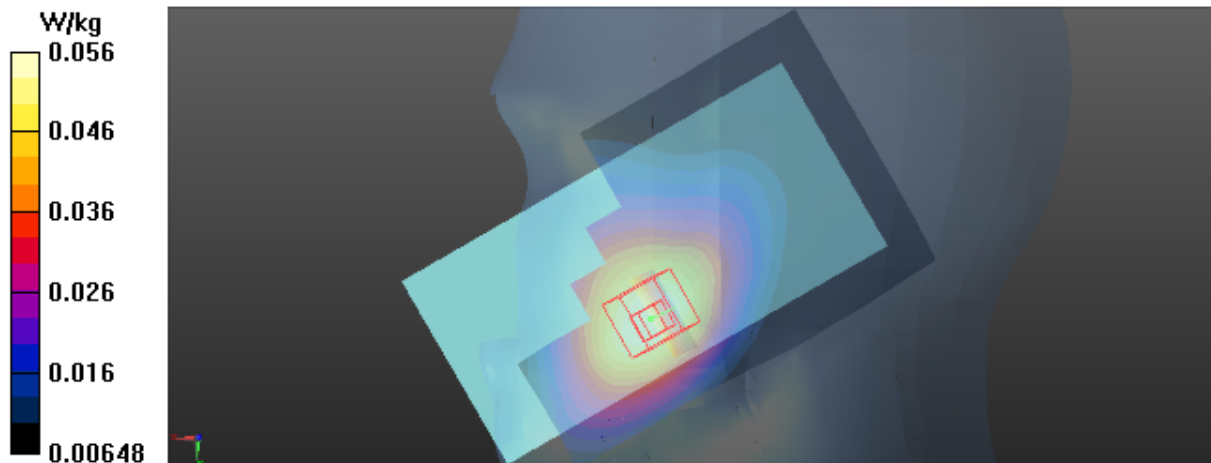
Communication System: UID 0, LTE FDD (0); Frequency: 711 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 711$ MHz; $\sigma = 0.859$ S/m; $\epsilon_r = 42.317$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(6.33, 6.33, 6.33) @ 711 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.0579 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 2.591 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.0650 W/kg
SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.042 W/kg
Maximum value of SAR (measured) = 0.0563 W/kg



T217_LTE B12_QPSK10M_CH23130_25RB_Right Cheek_ANT Second_SIM 1_Battery 1**DUT: Mobile Phone;**

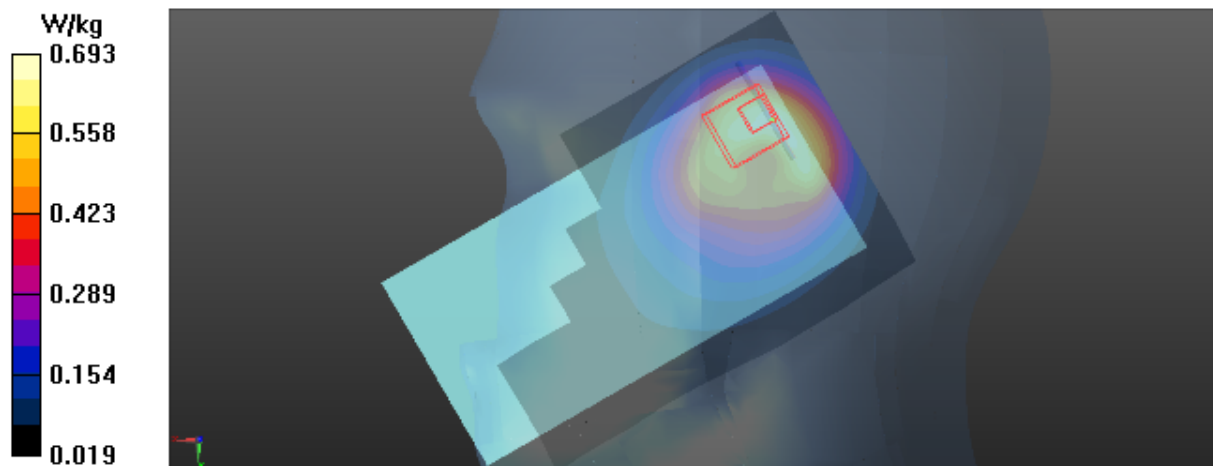
Communication System: UID 0, LTE FDD (0); Frequency: 711 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 711$ MHz; $\sigma = 0.859$ S/m; $\epsilon_r = 42.317$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(6.33, 6.33, 6.33) @ 711 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.678 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 25.49 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.51 W/kg
SAR(1 g) = 0.676 W/kg; SAR(10 g) = 0.385 W/kg
Maximum value of SAR (measured) = 0.693 W/kg



T229_LTE B66_QPSK20M_CH132072_1RB_Left Cheek_ANT Main_SIM 1_Battery 1**DUT: Mobile Phone;**

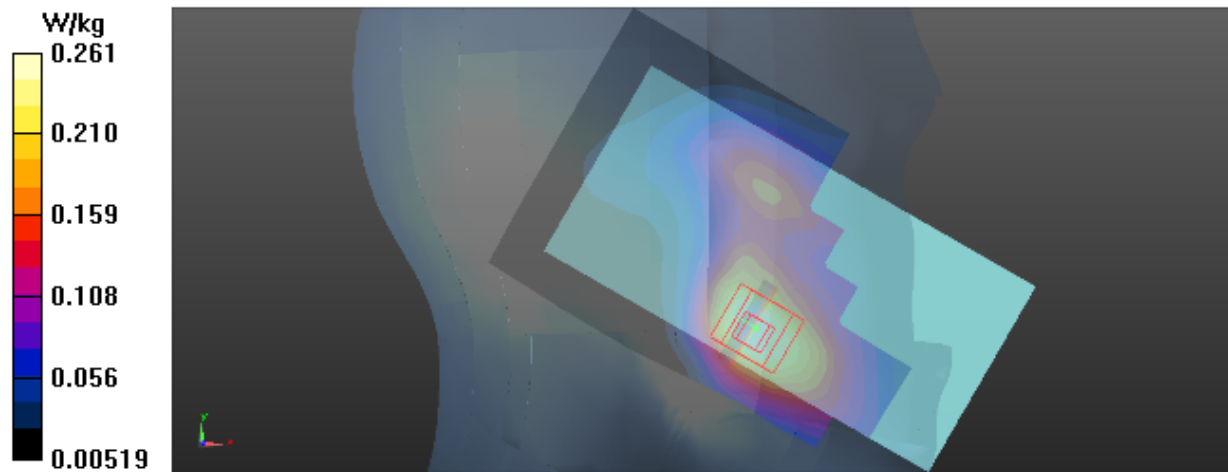
Communication System: UID 0, LTE FDD (0); Frequency: 1720 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1720$ MHz; $\sigma = 1.329$ S/m; $\epsilon_r = 41.686$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(5.25, 5.25, 5.25) @ 1720 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.266 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 5.036 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.368 W/kg
SAR(1 g) = 0.242 W/kg; SAR(10 g) = 0.154 W/kg
Maximum value of SAR (measured) = 0.261 W/kg



T243_LTE B66_QPSK20M_CH132322_50RB_Right Cheek_ANT Second_SIM 1_Battery 1**DUT: Mobile Phone;**

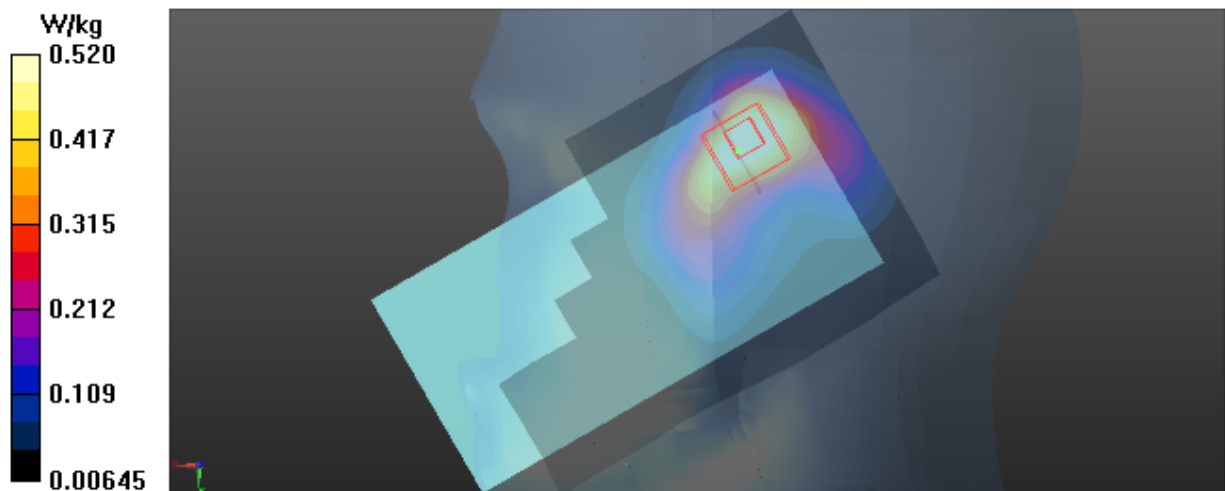
Communication System: UID 0, LTE FDD (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1745$ MHz; $\sigma = 1.354$ S/m; $\epsilon_r = 41.564$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(5.25, 5.25, 5.25) @ 1745 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.571 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 11.54 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.763 W/kg
SAR(1 g) = 0.495 W/kg; SAR(10 g) = 0.298 W/kg
Maximum value of SAR (measured) = 0.520 W/kg



T251_802.11b_CH6_Left Cheek_Battery 1**DUT: Mobile Phone;**

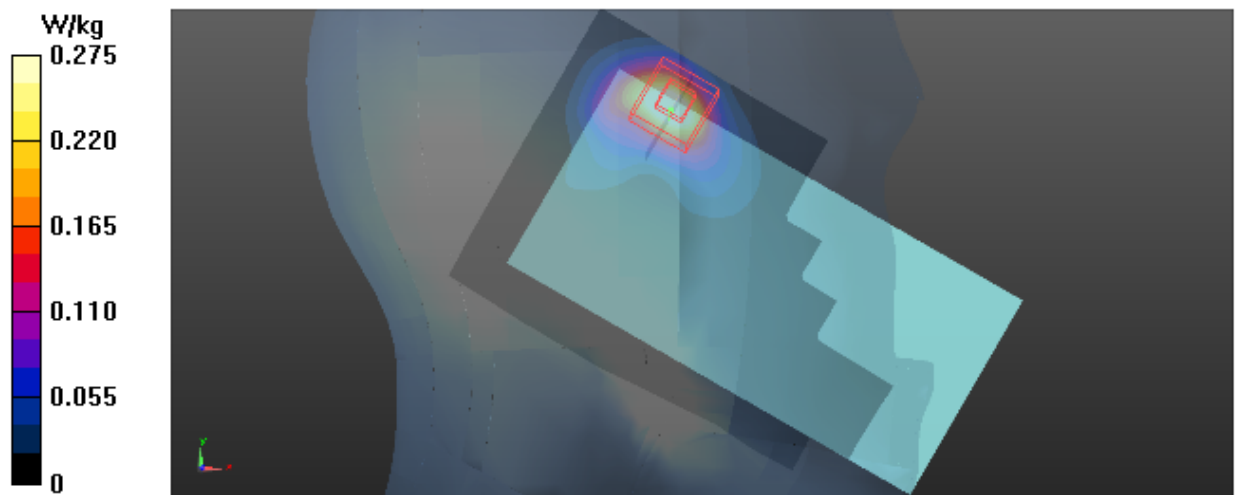
Communication System: UID 0, 802.11b (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437$ MHz; $\sigma = 1.863$ S/m; $\epsilon_r = 38.726$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.6 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(4.6, 4.6, 4.6) @ 2437 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x16x1): Interpolated grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (interpolated) = 0.315 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 3.601 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.718 W/kg
SAR(1 g) = 0.261 W/kg; SAR(10 g) = 0.104 W/kg
Maximum value of SAR (measured) = 0.275 W/kg



T734_BT DH5_CH78_Left Cheek_Battery 2**DUT: Mobile Phone;**

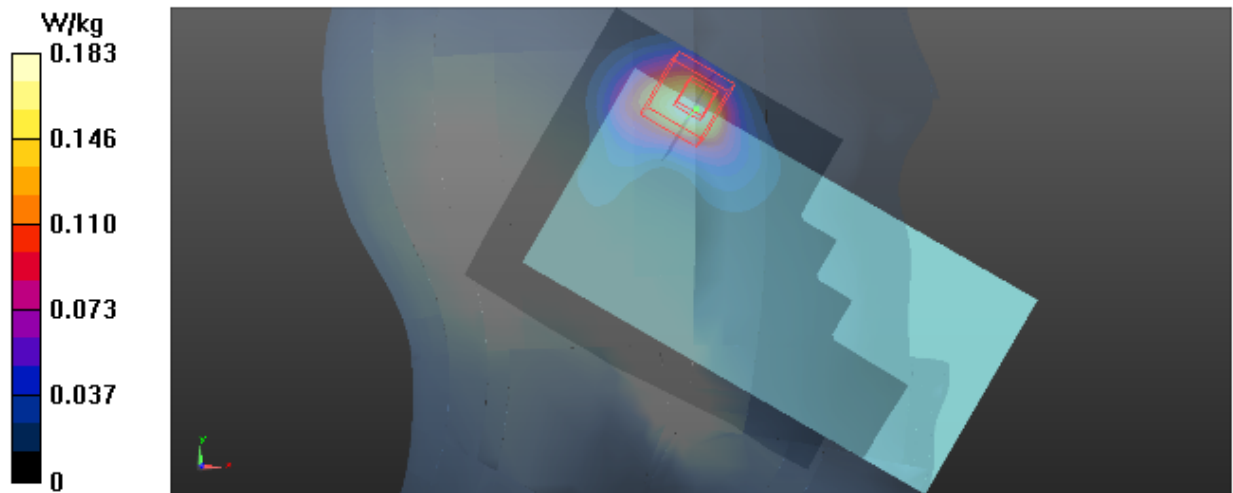
Communication System: UID 0, BT (0); Frequency: 2480 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2480$ MHz; $\sigma = 1.911$ S/m; $\epsilon_r = 38.559$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.6 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(4.6, 4.6, 4.6) @ 2480 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x16x1): Interpolated grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (interpolated) = 0.196 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 2.789 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.451 W/kg
SAR(1 g) = 0.165 W/kg; SAR(10 g) = 0.067 W/kg
Maximum value of SAR (measured) = 0.183 W/kg



T257_GSM 850_GSM_CH128_Rear Face_1.5cm_ANT Main_SIM 1_Battery 1**DUT: Mobile Phone;**

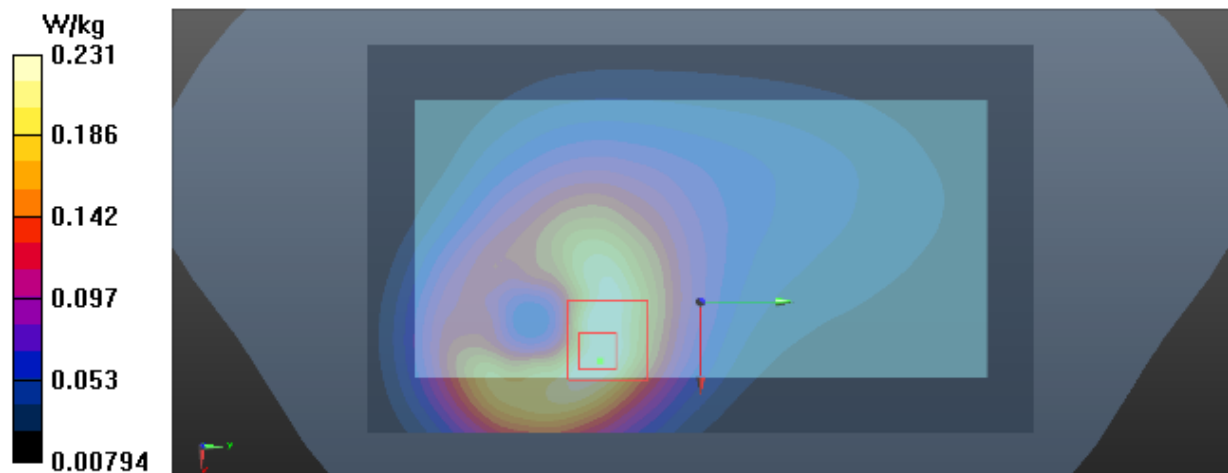
Communication System: UID 0, GSM (0); Frequency: 824.2 MHz; Duty Cycle: 1:8.3
Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.944$ S/m; $\epsilon_r = 55.22$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.2 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(6.31, 6.31, 6.31) @ 824.2 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.233 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 9.579 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.353 W/kg
SAR(1 g) = 0.216 W/kg; SAR(10 g) = 0.136 W/kg
Maximum value of SAR (measured) = 0.231 W/kg



T277_GSM 850_GSM_CH128_Rear Face_1.5cm_ANT Second_SIM 1_Battery 2**DUT: Mobile Phone;**

Communication System: UID 0, GSM (0); Frequency: 824.2 MHz; Duty Cycle: 1:8.30042
Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.944$ S/m; $\epsilon_r = 55.22$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.2 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(6.31, 6.31, 6.31) @ 824.2 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.223 W/kg

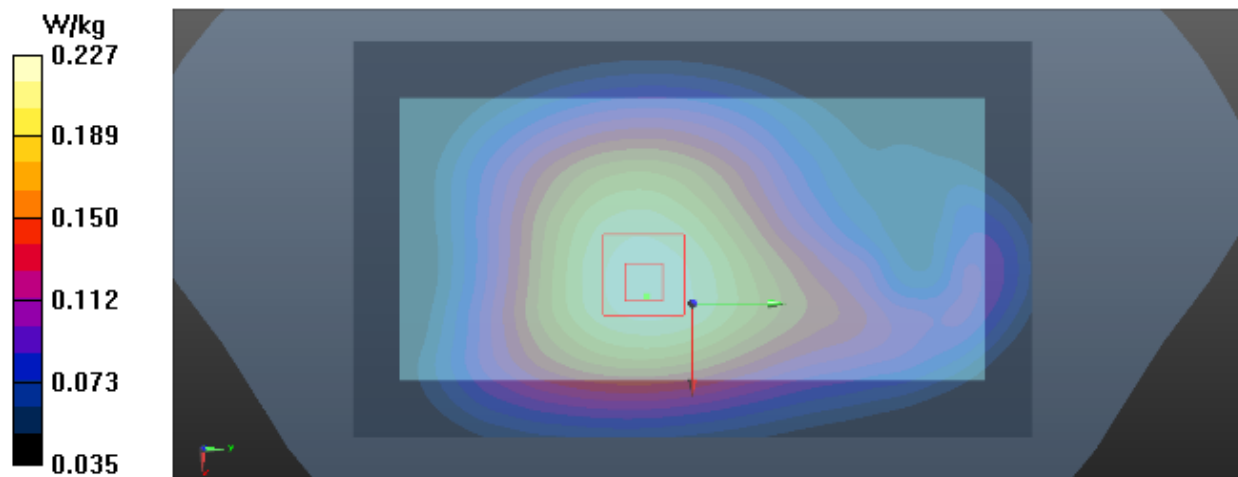
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.71 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.271 W/kg

SAR(1 g) = 0.217 W/kg; SAR(10 g) = 0.166 W/kg

Maximum value of SAR (measured) = 0.227 W/kg



T295_GSM 1900_GSM_CH661_Rear Face_1.5cm_ANT Main_SIM 2_Battery 3**DUT: Mobile Phone;**

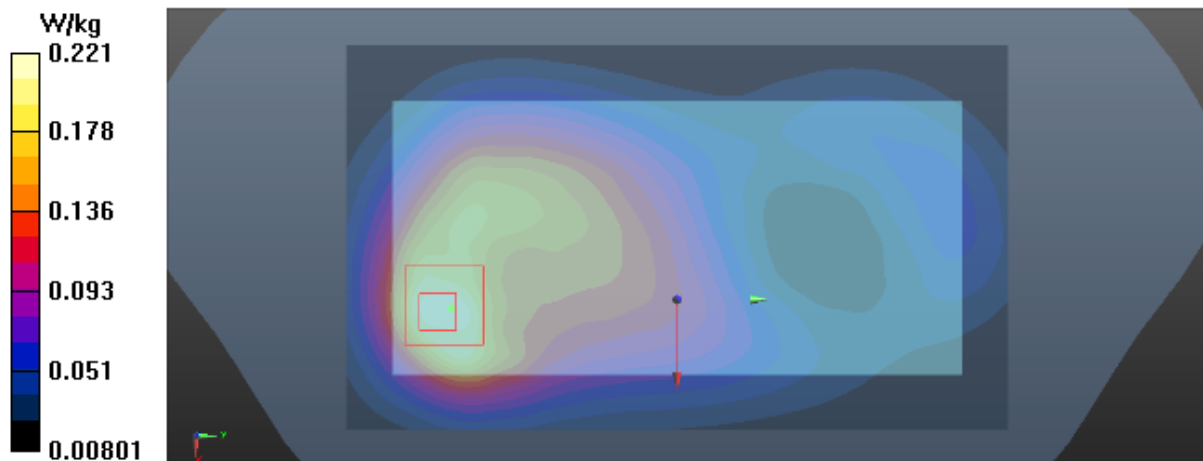
Communication System: UID 0, GSM (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.475$ S/m; $\epsilon_r = 53.257$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(4.85, 4.85, 4.85) @ 1880 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.216 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 8.367 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.335 W/kg
SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.128 W/kg
Maximum value of SAR (measured) = 0.221 W/kg



T310_GSM 1900_GSM_CH810_Rear Face_1.5cm_ANT Second_SIM 2_Battery 1**DUT: Mobile Phone;**

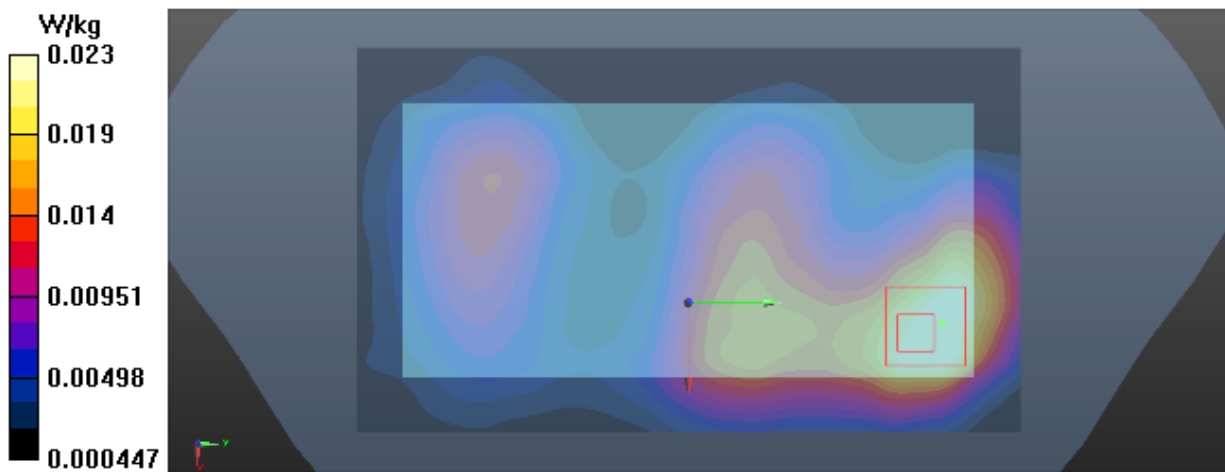
Communication System: UID 0, GSM (0); Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1910$ MHz; $\sigma = 1.506$ S/m; $\epsilon_r = 53.202$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(4.85, 4.85, 4.85) @ 1909.8 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.0244 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 2.430 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.0350 W/kg
SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.013 W/kg
Maximum value of SAR (measured) = 0.0231 W/kg



T329_UMTS B2_RMC12.2K_CH9538_Rear Face_1.5cm_ANT Main_SIM 1_Battery 3**DUT: Mobile Phone;**

Communication System: UID 0, WCDMA (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1908$ MHz; $\sigma = 1.561$ S/m; $\epsilon_r = 51.989$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.2 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(4.85, 4.85, 4.85) @ 1907.6 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.301 W/kg

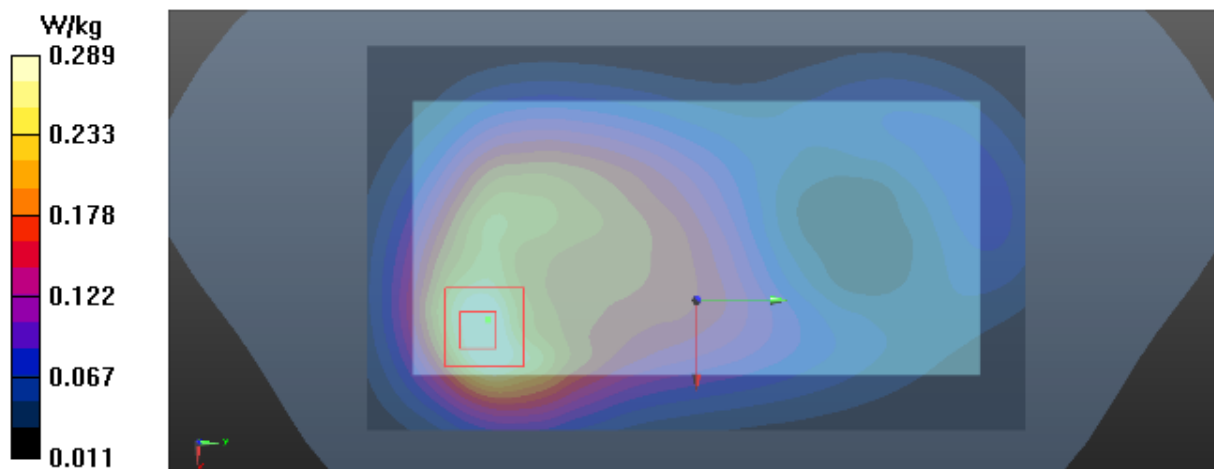
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.00 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.435 W/kg

SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.168 W/kg

Maximum value of SAR (measured) = 0.289 W/kg



T344_UMTS B2_RMC12.2K_CH9538_Rear Face_1.5cm_ANT Second_SIM 2_Battery 1**DUT: Mobile Phone;**

Communication System: UID 0, WCDMA (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1908$ MHz; $\sigma = 1.561$ S/m; $\epsilon_r = 51.989$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.2 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(4.85, 4.85, 4.85) @ 1907.6 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.199 W/kg

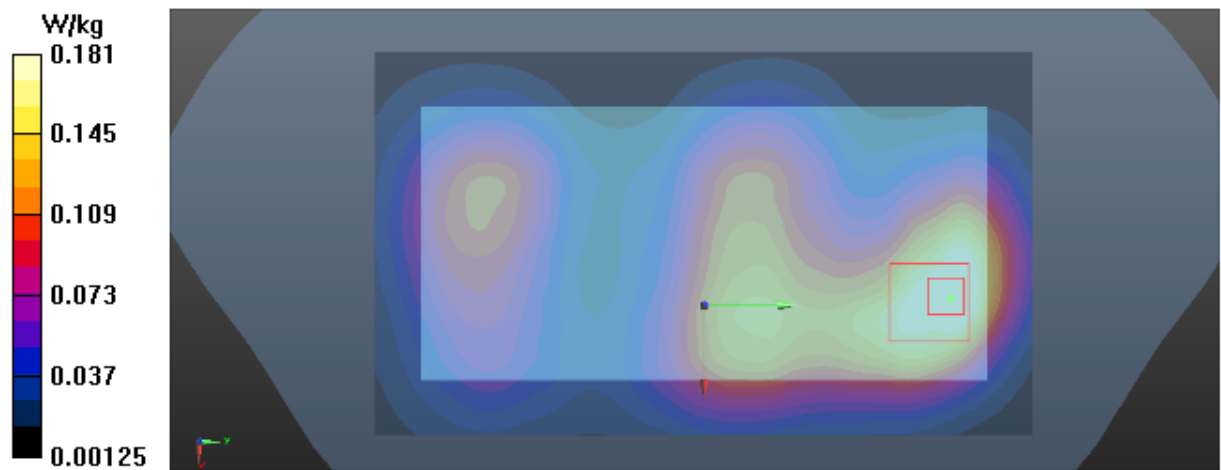
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.127 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.277 W/kg

SAR(1 g) = 0.170 W/kg; SAR(10 g) = 0.106 W/kg

Maximum value of SAR (measured) = 0.181 W/kg



T362_UMTS B4_RMC12.2K_CH1513_Rear Face_1.5cm_ANT Main_SIM 1_Battery 2**DUT: Mobile Phone;**

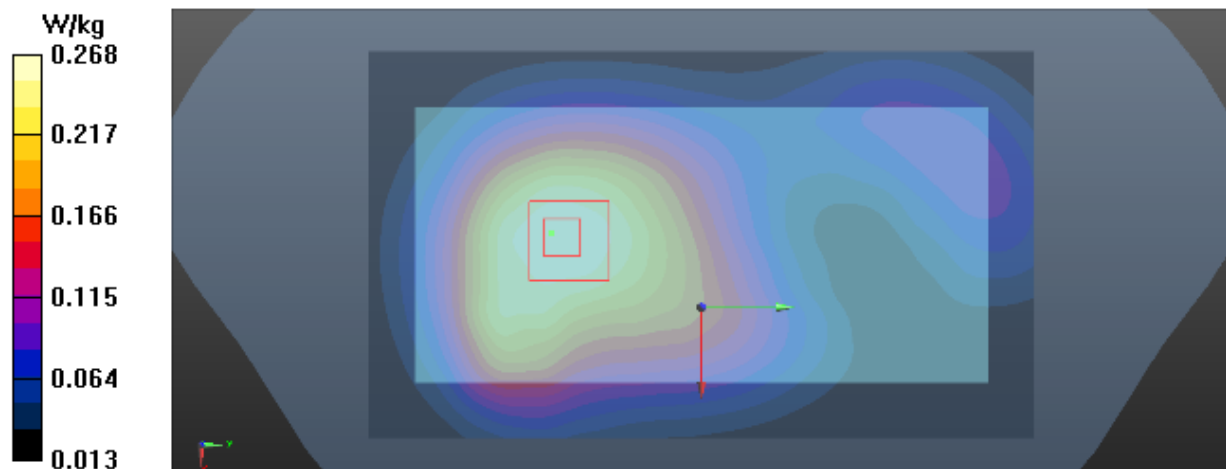
Communication System: UID 0, WCDMA (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1753$ MHz; $\sigma = 1.44$ S/m; $\epsilon_r = 53.819$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(4.99, 4.99, 4.99) @ 1752.6 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.272 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 10.64 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.384 W/kg
SAR(1 g) = 0.253 W/kg; SAR(10 g) = 0.167 W/kg
Maximum value of SAR (measured) = 0.268 W/kg



T380_UMTS B4_RMC12.2K_CH1513_Front Face_1.5cm_ANT Second_SIM 2_Battery 3**DUT: Mobile Phone;**

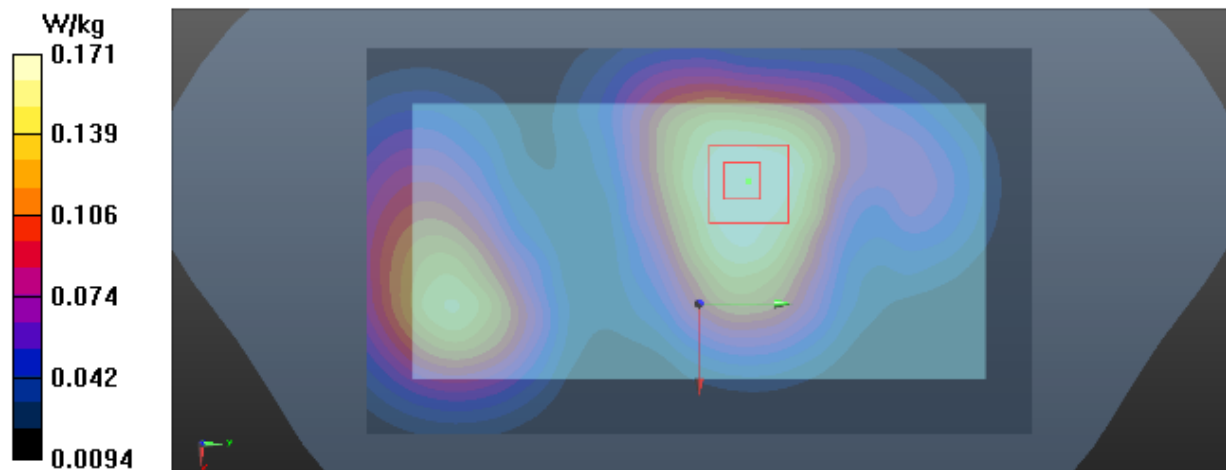
Communication System: UID 0, WCDMA (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1753$ MHz; $\sigma = 1.452$ S/m; $\epsilon_r = 52.285$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(4.99, 4.99, 4.99) @ 1752.6 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.176 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 9.891 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.237 W/kg
SAR(1 g) = 0.161 W/kg; SAR(10 g) = 0.108 W/kg
Maximum value of SAR (measured) = 0.171 W/kg



T395_UMTS B5_RMC12.2K_CH4132_Rear Face_1.5cm_ANT Main_SIM 2_Battery 1**DUT: Mobile Phone;**

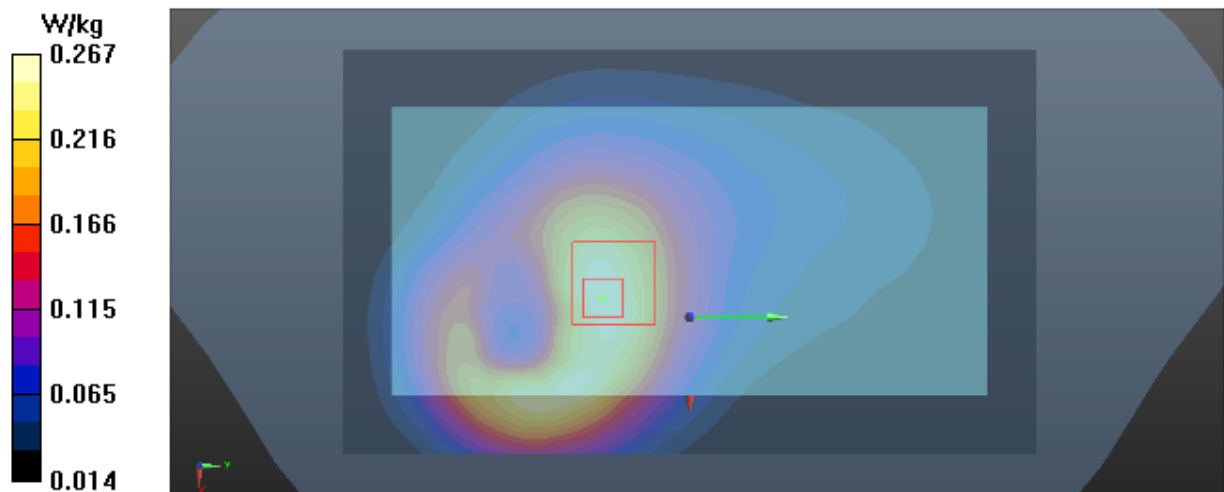
Communication System: UID 0, WCDMA (0); Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.946$ S/m; $\epsilon_r = 55.198$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(9.89, 9.89, 9.89) @ 826.4 MHz; Calibrated: 2018-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.264 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 11.61 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.376 W/kg
SAR(1 g) = 0.249 W/kg; SAR(10 g) = 0.168 W/kg
Maximum value of SAR (measured) = 0.267 W/kg



T412_UMTS B5_RMC12.2K_CH4132_Rear Face_1.5cm_ANT Second_SIM 2_Battery 1**DUT: Mobile Phone;**

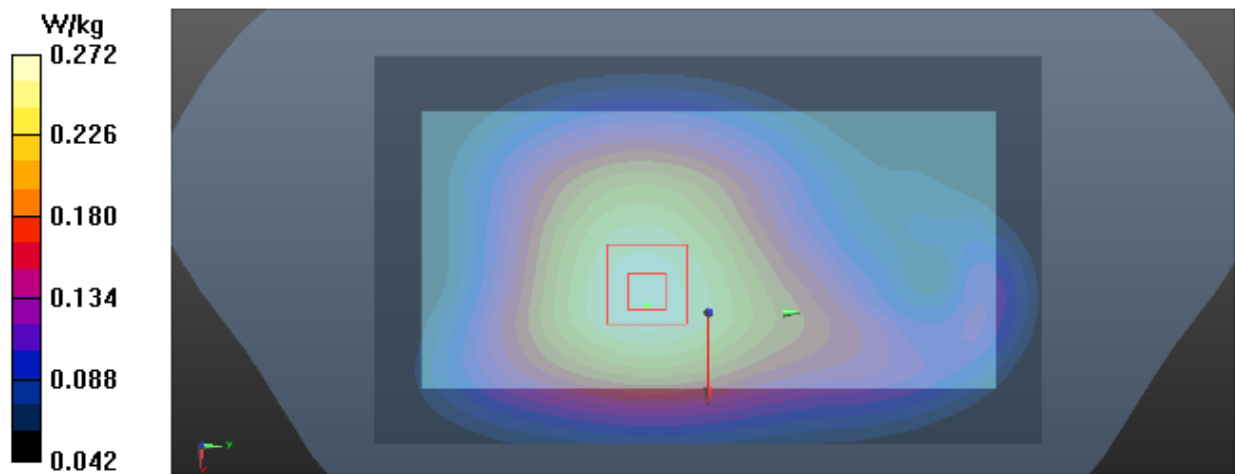
Communication System: UID 0, WCDMA (0); Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.968$ S/m; $\epsilon_r = 55.724$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(6.31, 6.31, 6.31) @ 826.4 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.267 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 15.53 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.326 W/kg
SAR(1 g) = 0.260 W/kg; SAR(10 g) = 0.200 W/kg
Maximum value of SAR (measured) = 0.272 W/kg



T430_LTE B2_QPSK20M_CH19100_50RB_Rear Face_1.5cm_ANT Main_SIM 1_Battery 1**DUT: Mobile Phone;**

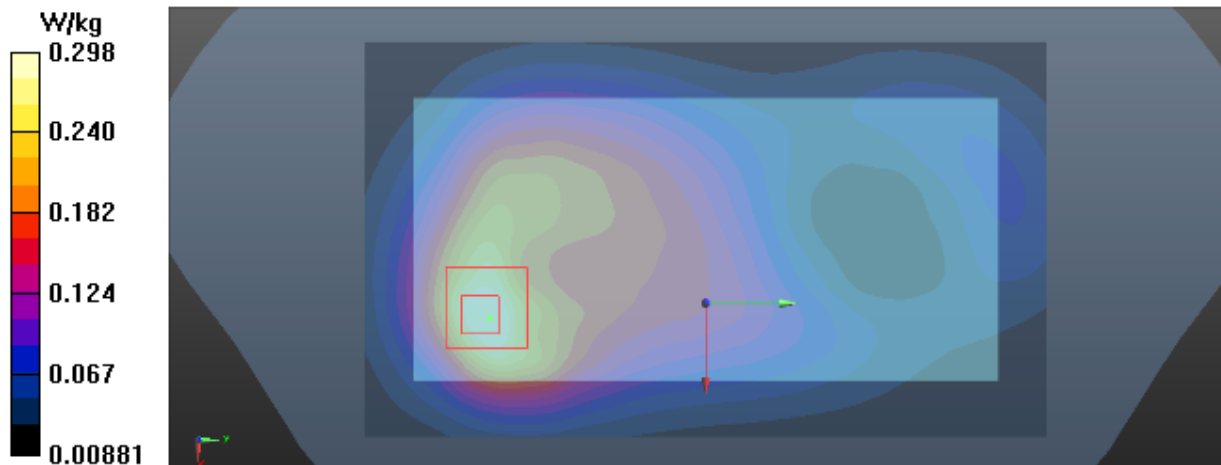
Communication System: UID 0, LTE FDD (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.551$ S/m; $\epsilon_r = 52.006$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.2 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(4.85, 4.85, 4.85) @ 1900 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.319 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 8.877 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.386 W/kg
SAR(1 g) = 0.225 W/kg; SAR(10 g) = 0.134 W/kg
Maximum value of SAR (measured) = 0.298 W/kg



T455_LTE B2_QPSK20M_CH18900_1RB_Rear Face_1.5cm_ANT Second_SIM 2_Battery 1**DUT: Mobile Phone;**

Communication System: UID 0, LTE FDD (0); Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.514$ S/m; $\epsilon_r = 52.64$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(4.85, 4.85, 4.85) @ 1880 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
 Maximum value of SAR (interpolated) = 0.163 W/kg

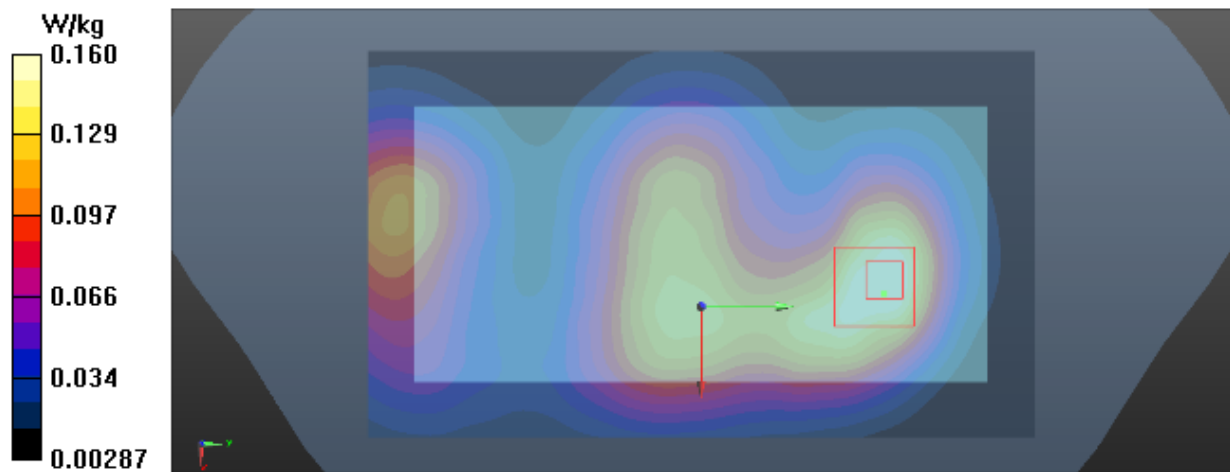
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.015 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.248 W/kg

SAR(1 g) = 0.150 W/kg; SAR(10 g) = 0.091 W/kg

Maximum value of SAR (measured) = 0.160 W/kg



T480_LTE B4_QPSK20M_CH20300_1RB_Rear Face_1.5cm_ANT Main_SIM 2_Battery 2**DUT: Mobile Phone;**

Communication System: UID 0, LTE FDD (0); Frequency: 1745 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.521$ S/m; $\epsilon_r = 52.229$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.5 °C; Liquid Temperature : 22.1 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(4.99, 4.99, 4.99) @ 1745 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
 Maximum value of SAR (interpolated) = 0.347 W/kg

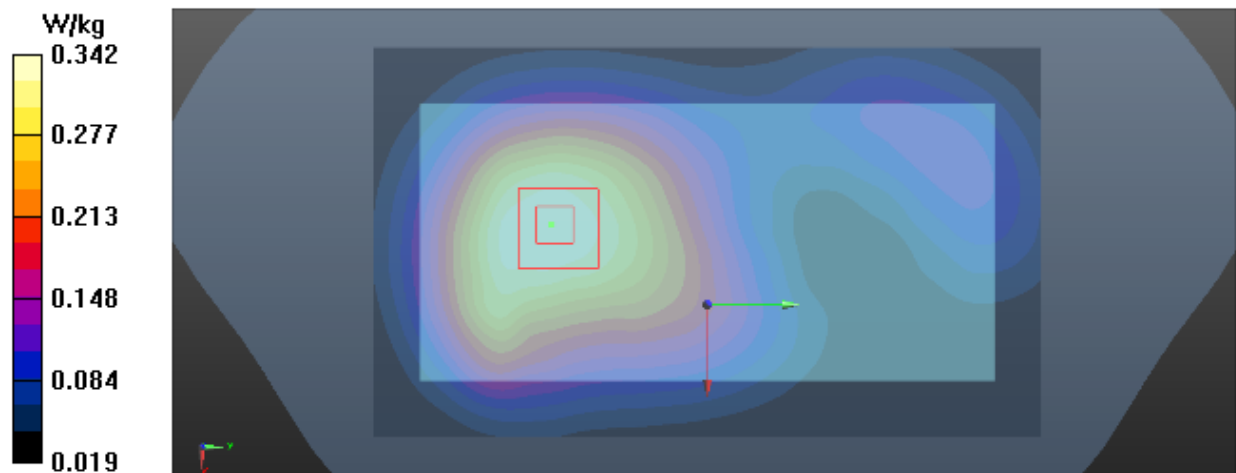
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.43 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.482 W/kg

SAR(1 g) = 0.320 W/kg; SAR(10 g) = 0.213 W/kg

Maximum value of SAR (measured) = 0.342 W/kg



T502_LTE B4_QPSK20M_CH20300_1RB_Front Face_1.5cm_ANT Second_SIM 1_Battery 1**DUT: Mobile Phone;**

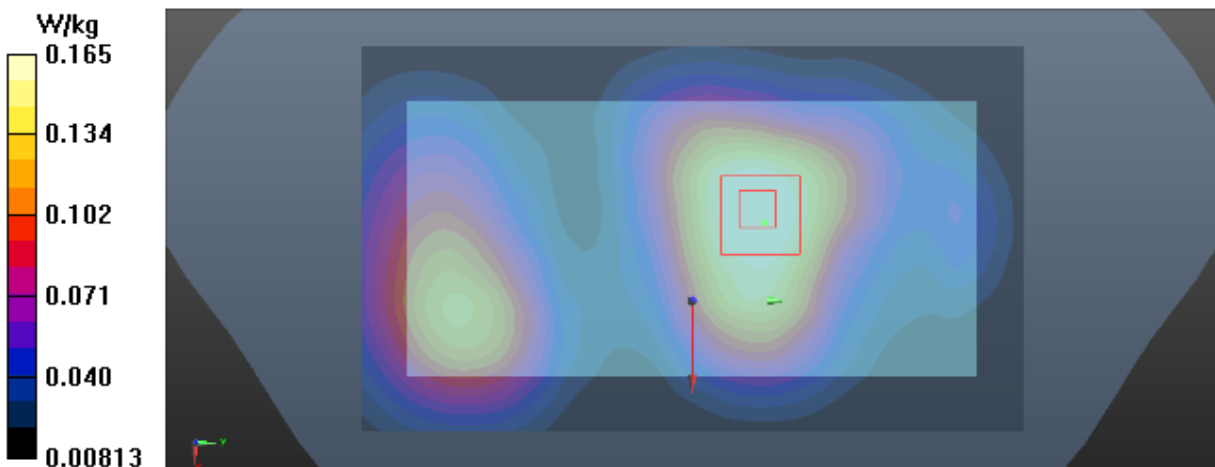
Communication System: UID 0, LTE FDD (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.521$ S/m; $\epsilon_r = 52.229$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.1 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(4.99, 4.99, 4.99) @ 1745 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.169 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 8.948 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.229 W/kg
SAR(1 g) = 0.156 W/kg; SAR(10 g) = 0.105 W/kg
Maximum value of SAR (measured) = 0.165 W/kg



T528_LTE B5_QPSK10M_CH20525_1RB_Rear Face_1.5cm_ANT Main_SIM 1_Battery 2**DUT: Mobile Phone;**

Communication System: UID 0, LTE FDD (0); Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.979$ S/m; $\epsilon_r = 55.602$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(6.31, 6.31, 6.31) @ 836.5 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.318 W/kg

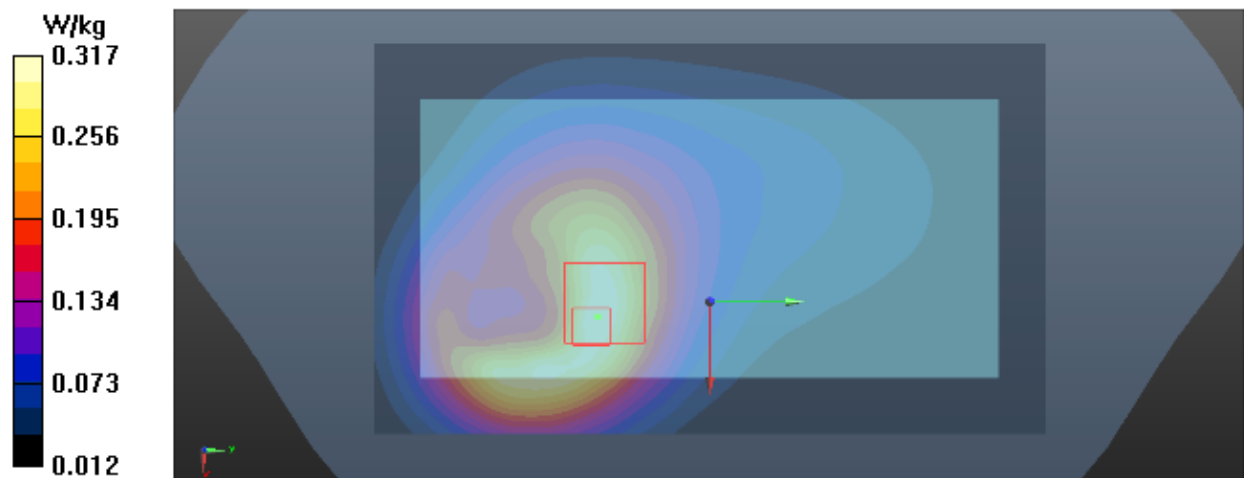
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.39 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.483 W/kg

SAR(1 g) = 0.298 W/kg; SAR(10 g) = 0.189 W/kg

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



T551_LTE B5_QPSK10M_CH20600_1RB_Rear Face_1.5cm_ANT Second_SIM 2_Battery 1**DUT: Mobile Phone;**

Communication System: UID 0, LTE FDD (0); Frequency: 844 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 844$ MHz; $\sigma = 0.987$ S/m; $\epsilon_r = 55.515$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(6.31, 6.31, 6.31) @ 844 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
 Maximum value of SAR (interpolated) = 0.243 W/kg

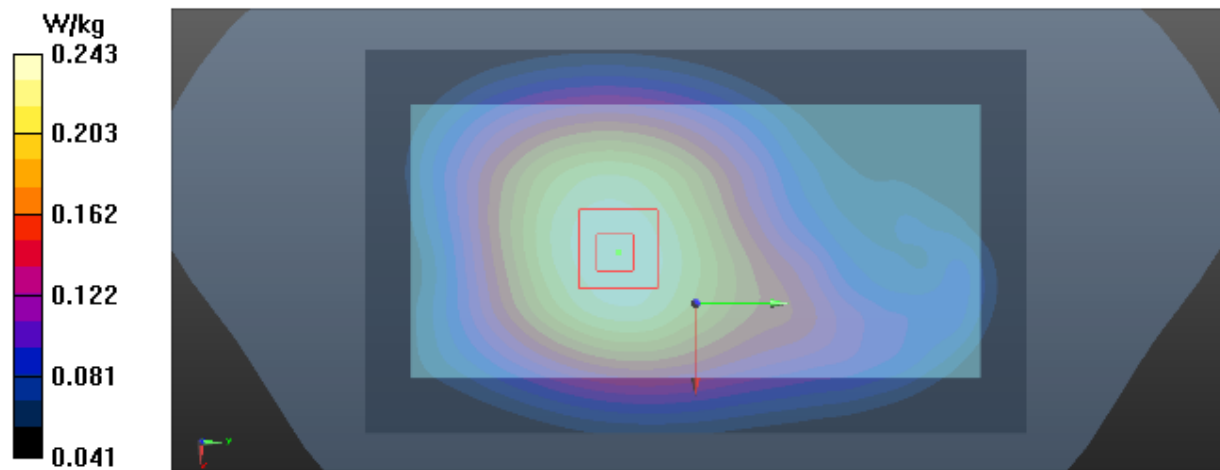
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.49 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.287 W/kg

SAR(1 g) = 0.232 W/kg; SAR(10 g) = 0.179 W/kg

Maximum value of SAR (measured) = 0.243 W/kg



Test Laboratory: BTL Inc. Date: 2019/4/22

T576_LTE B7_QPKS20M_CH20850_50RB_Rear Face_1.5cm_Ant Main_SIM 1_Battery 2

DUT: Mobile Phone;

Communication System: UID 0, LTE-FDD(50% RB, 20MHz, QPSK) (0); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 2.074$ S/m; $\epsilon_r = 52.39$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(7.7, 7.7, 7.7) @ 2510 MHz; Calibrated: 2018/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x16x1): Interpolated grid: $dx=12$ mm, $dy=12$ mm

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

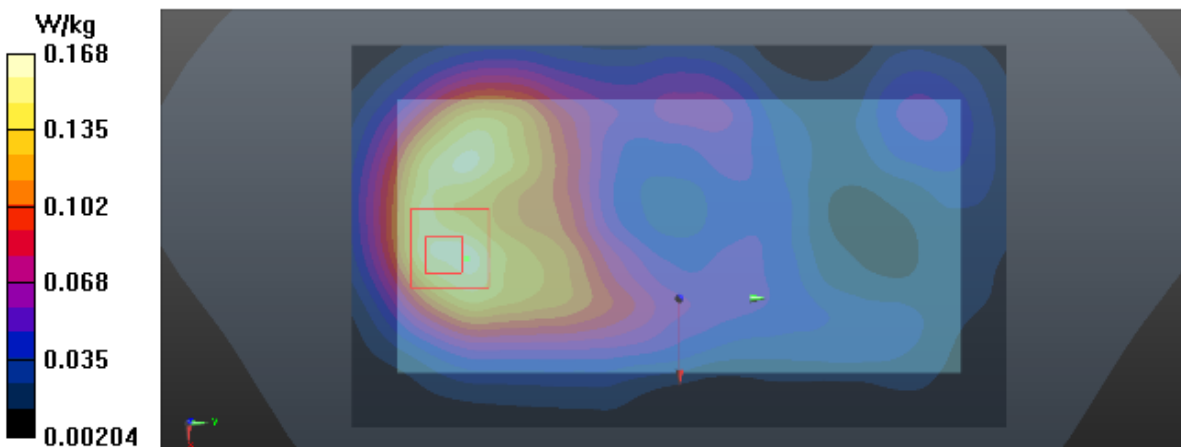
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.271 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.268 W/kg

SAR(1 g) = 0.153 W/kg; SAR(10 g) = 0.087 W/kg

Maximum value of SAR (measured) = 0.168 W/kg



T596_LTE B7_QPKS20M_CH21350_50RB_Rear Face_1.5cm_Ant Second_SIM 1_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, LTE-FDD(50% RB, 20MHz, QPSK) (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 2.137$ S/m; $\epsilon_r = 52.219$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(7.3, 7.3, 7.3) @ 2560 MHz; Calibrated: 2018/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x16x1): Interpolated grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (interpolated) = 0.102 W/kg

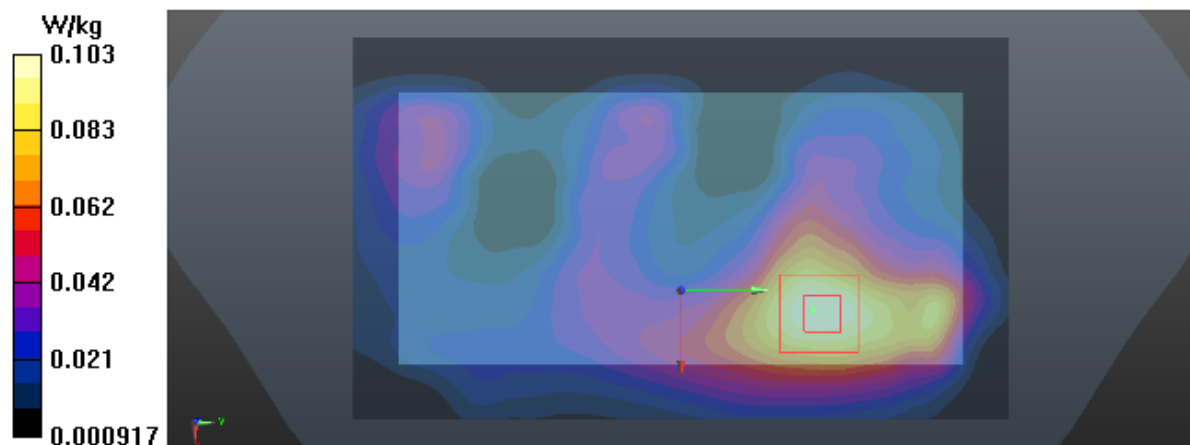
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.051 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.163 W/kg

SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.055 W/kg

Maximum value of SAR (measured) = 0.103 W/kg



T623_LTE B12_QPSK10M_CH23130_1RB_Rear Face_1.5cm_ANT Main_SIM 2_Battery 1**DUT: Mobile Phone;**

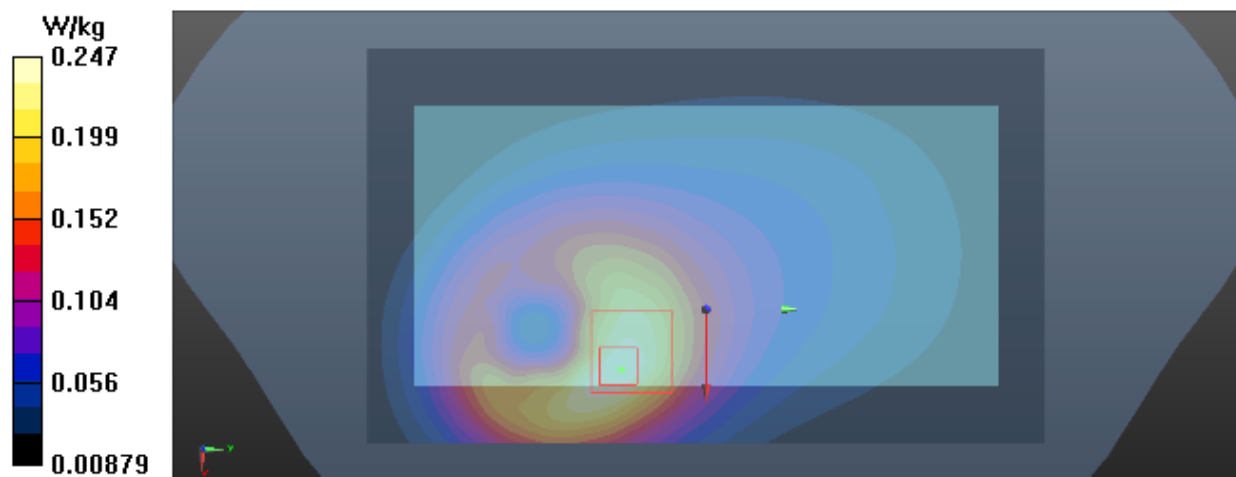
Communication System: UID 0, LTE FDD (0); Frequency: 711 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 711$ MHz; $\sigma = 0.939$ S/m; $\epsilon_r = 54.506$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(6.31, 6.31, 6.31) @ 711 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.249 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 10.54 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.369 W/kg
SAR(1 g) = 0.230 W/kg; SAR(10 g) = 0.146 W/kg
Maximum value of SAR (measured) = 0.247 W/kg



T647_LTE B12_QPSK10M_CH23130_1RB_Rear Face_1.5cm_ANT Second_SIM 2_Battery 1**DUT: Mobile Phone;**

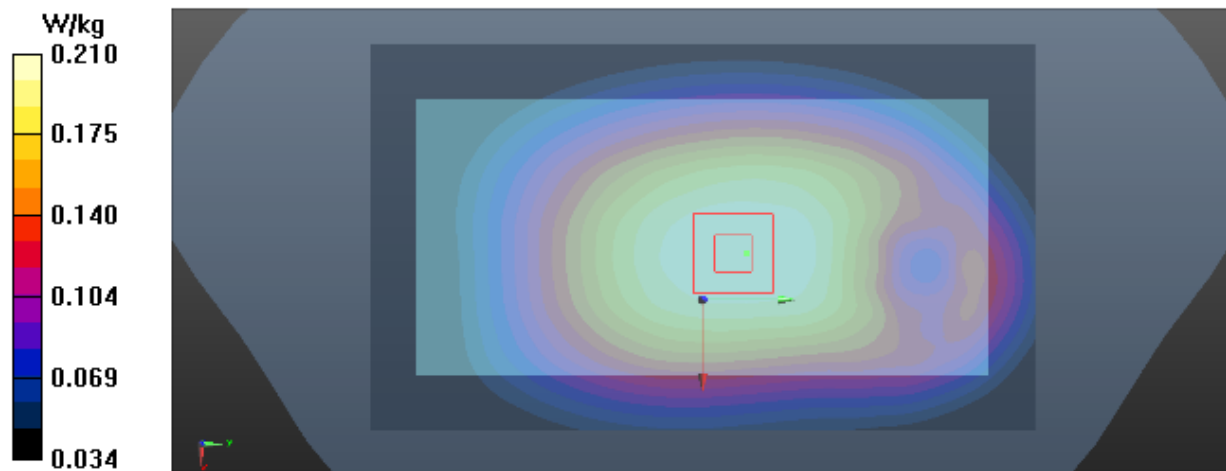
Communication System: UID 0, LTE FDD (0); Frequency: 711 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 711$ MHz; $\sigma = 0.927$ S/m; $\epsilon_r = 56.052$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(6.31, 6.31, 6.31) @ 711 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.211 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 15.14 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.244 W/kg
SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.160 W/kg
Maximum value of SAR (measured) = 0.210 W/kg



T672_LTE B66_QPSK20M_CH132322_1RB_Rear Face_1.5cm_ANT Main_SIM 2_Battery 2**DUT: Mobile Phone;**

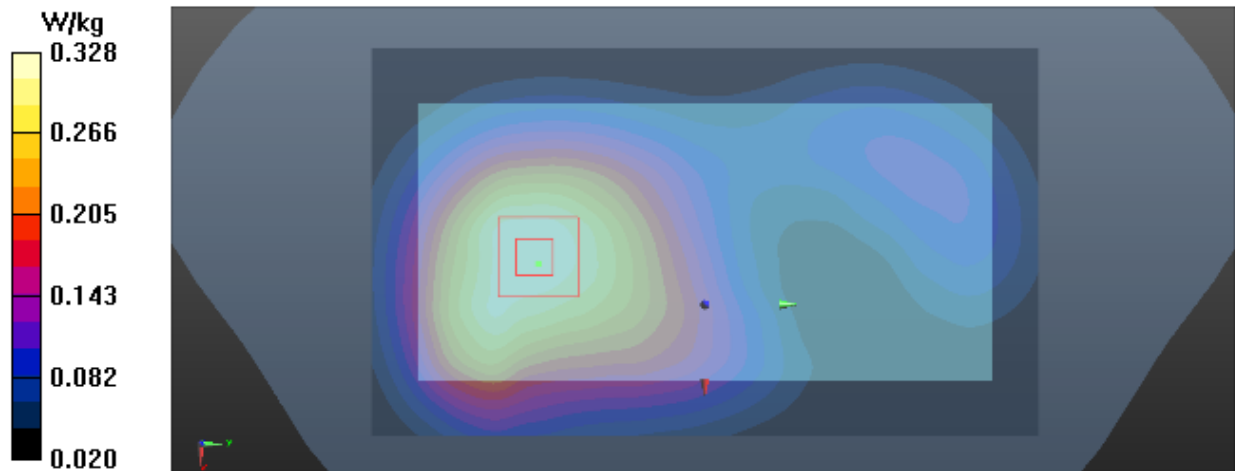
Communication System: UID 0, LTE FDD (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1745$ MHz; $\sigma = 1.431$ S/m; $\epsilon_r = 53.837$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(4.99, 4.99, 4.99) @ 1745 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.326 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 9.348 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.463 W/kg
SAR(1 g) = 0.309 W/kg; SAR(10 g) = 0.205 W/kg
Maximum value of SAR (measured) = 0.328 W/kg



T695_LTE B66_QPSK20M_CH132572_1RB_Front Face_1.5cm_ANT Second_SIM 2_Battery 1**DUT: Mobile Phone;**

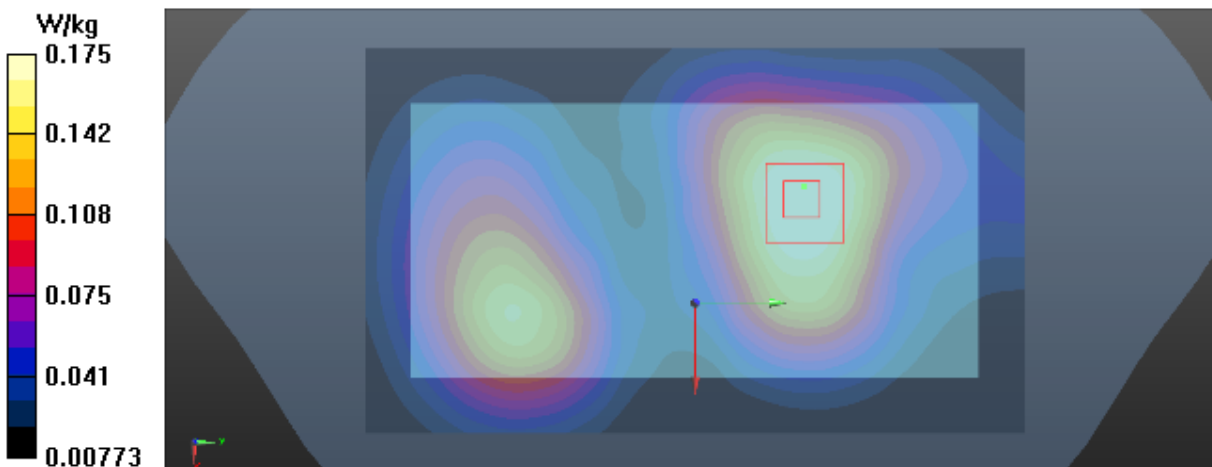
Communication System: UID 0, LTE FDD (0); Frequency: 1770 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1770$ MHz; $\sigma = 1.461$ S/m; $\epsilon_r = 53.802$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(4.99, 4.99, 4.99) @ 1770 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.178 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 6.450 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.244 W/kg
SAR(1 g) = 0.165 W/kg; SAR(10 g) = 0.110 W/kg
Maximum value of SAR (measured) = 0.175 W/kg



Test Laboratory: BTL Inc. Date: 2019/4/22

T717_802.11b_CH11_Rear Face_1.5cm_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, IEEE 802.11b WiFi 2.4GHz (DSSS,1Mbps) (0); Frequency: 2462 MHz;

Duty Cycle: 1:1

Medium parameters used: $f = 2462$ MHz; $\sigma = 2.001$ S/m; $\epsilon_r = 51.39$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(7.7, 7.7, 7.7) @ 2462 MHz; Calibrated: 2018/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x16x1): Interpolated grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (interpolated) = 0.105 W/kg

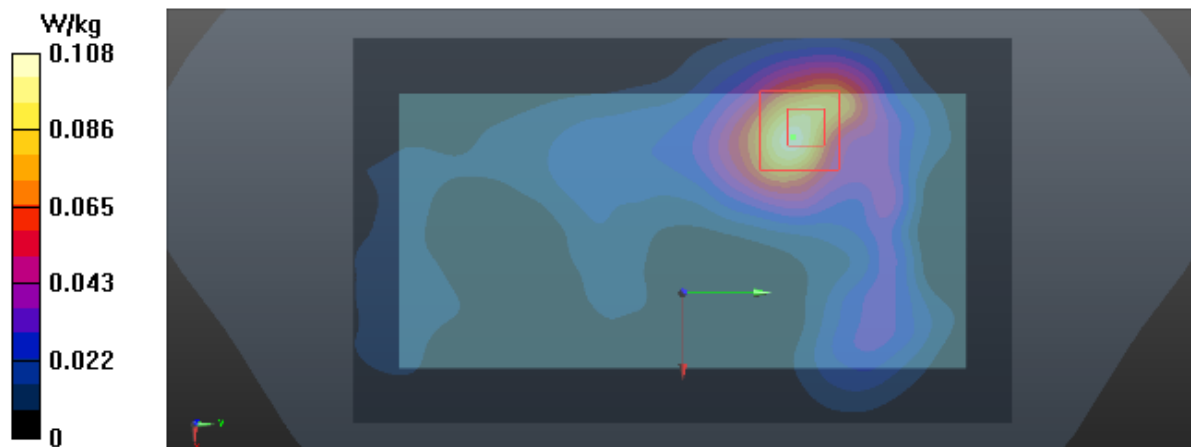
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.697 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.175 W/kg

SAR(1 g) = 0.100 W/kg; SAR(10 g) = 0.051 W/kg

Maximum value of SAR (measured) = 0.108 W/kg



T271_GSM 850_GPRS 2TX_CH128_Rear Face_1.0cm_ANT Main_SIM 1_Battery 3**DUT: Mobile Phone;**

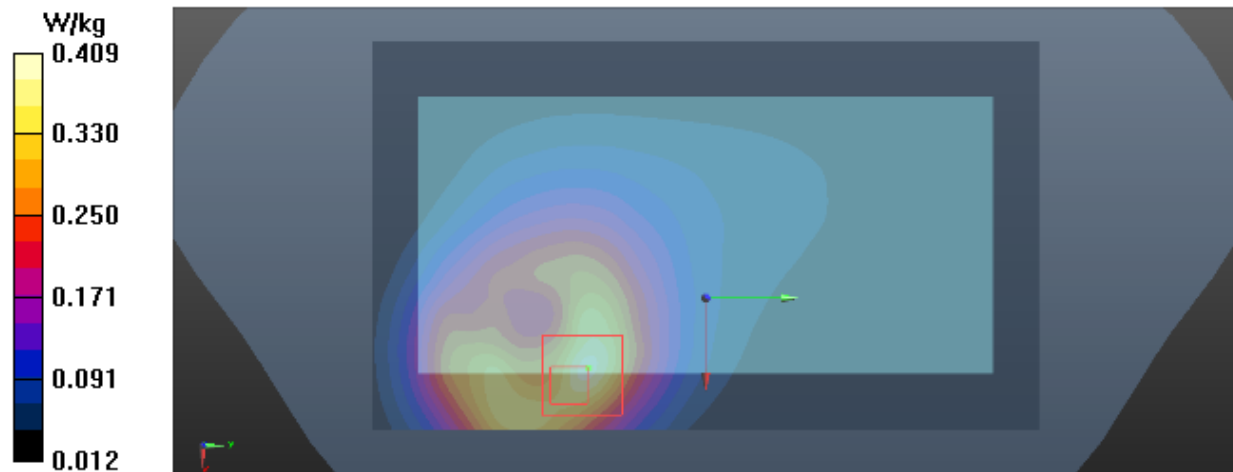
Communication System: UID 0, GPRS 2TX (0); Frequency: 824.2 MHz; Duty Cycle: 1:4
Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.944$ S/m; $\epsilon_r = 55.22$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.2 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(6.31, 6.31, 6.31) @ 824.2 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.395 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 9.083 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.680 W/kg
SAR(1 g) = 0.381 W/kg; SAR(10 g) = 0.221 W/kg
Maximum value of SAR (measured) = 0.409 W/kg



T284_GSM 850_GPRS 2TX_CH128_Left Side_1.0cm_ANT Second_SIM 1_Battery 1**DUT: Mobile Phone;**

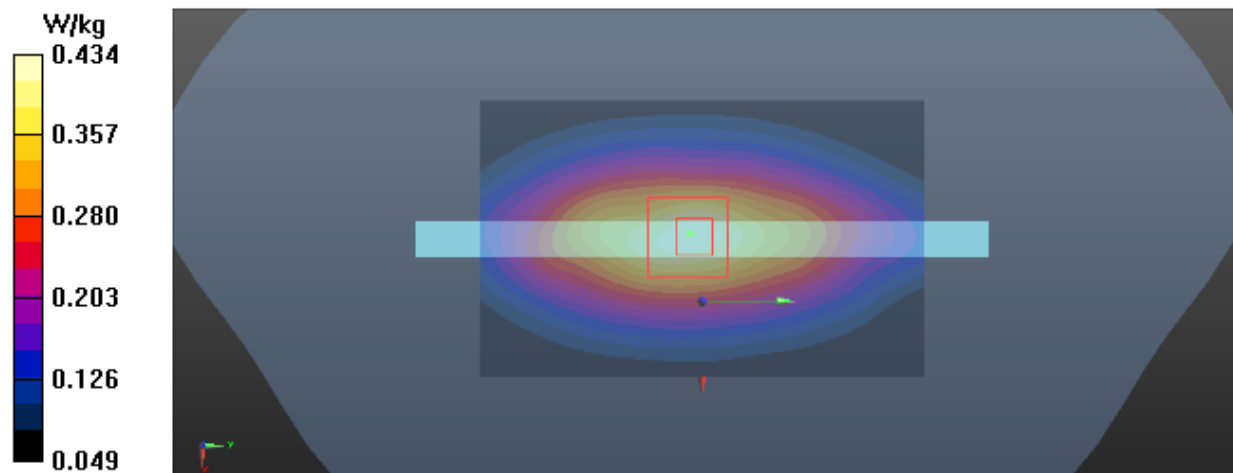
Communication System: UID 0, GPRS 2TX (0); Frequency: 824.2 MHz; Duty Cycle: 1:4
Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.944$ S/m; $\epsilon_r = 55.22$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.2 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(6.31, 6.31, 6.31) @ 824.2 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x9x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.424 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 21.11 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.590 W/kg
SAR(1 g) = 0.398 W/kg; SAR(10 g) = 0.273 W/kg
Maximum value of SAR (measured) = 0.434 W/kg



T305_GSM 1900_GPRS 2TX_CH661_Bottom Side_1cm_ANT Main_SIM 1_Battery 3**DUT: Mobile Phone;**

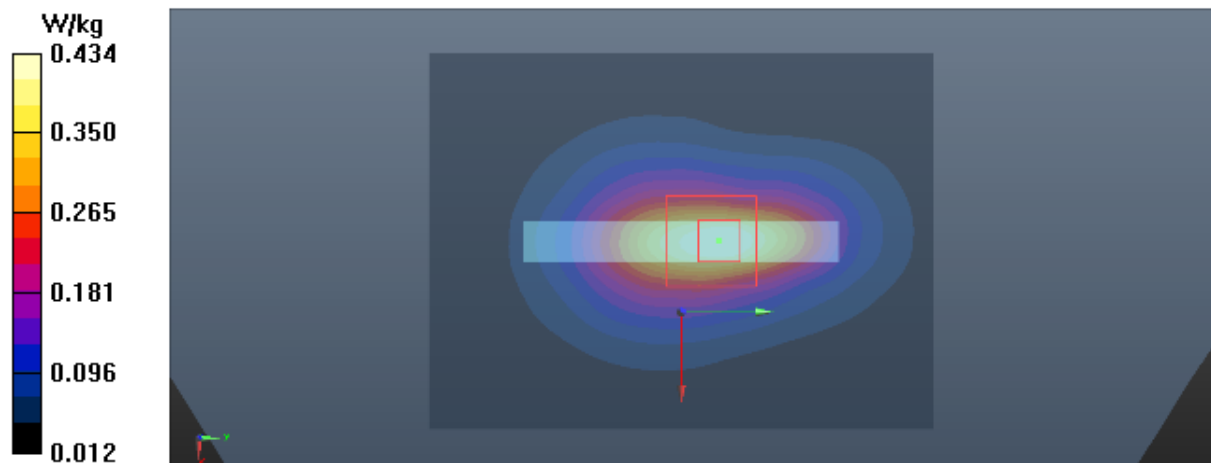
Communication System: UID 0, GPRS 2TX (0); Frequency: 1880 MHz; Duty Cycle: 1:4
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.475$ S/m; $\epsilon_r = 53.257$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(4.85, 4.85, 4.85) @ 1880 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (7x9x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.449 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 16.79 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.668 W/kg
SAR(1 g) = 0.389 W/kg; SAR(10 g) = 0.220 W/kg
Maximum value of SAR (measured) = 0.434 W/kg



T319_GSM 1900_GPRS 2TX_CH810_Rear Face_1cm_ANT Second_SIM 1_Battery 1**DUT: Mobile Phone;**

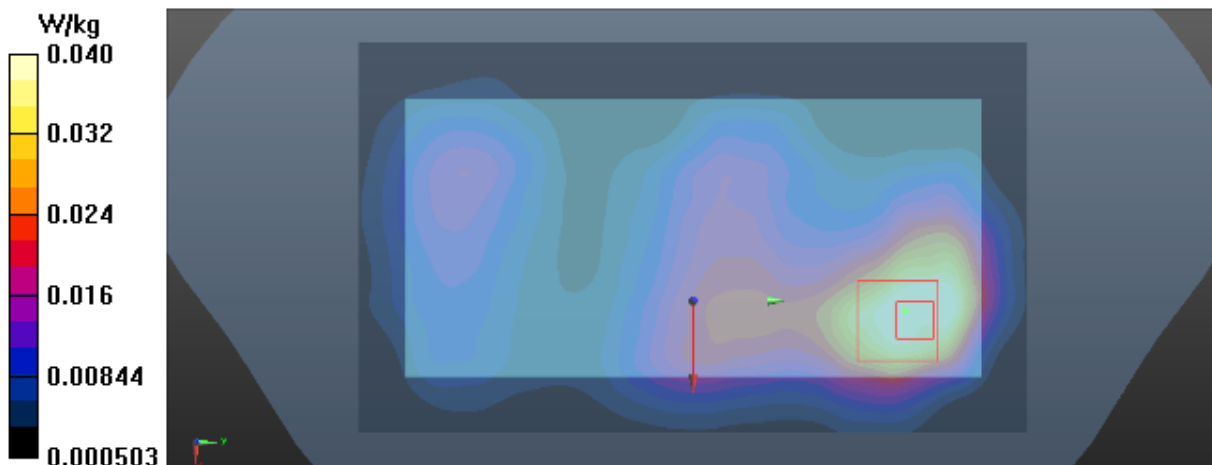
Communication System: UID 0, GPRS 2TX (0); Frequency: 1909.8 MHz; Duty Cycle: 1:4
Medium parameters used: $f = 1910$ MHz; $\sigma = 1.506$ S/m; $\epsilon_r = 53.202$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(4.85, 4.85, 4.85) @ 1909.8 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.0426 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 3.050 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.0650 W/kg
SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.023 W/kg
Maximum value of SAR (measured) = 0.0402 W/kg



T336_UMTS B2_RMC12.2K_CH9538_Bottom Side_1.0cm_ANT Main_SIM 1_Battery 1**DUT: Mobile Phone;**

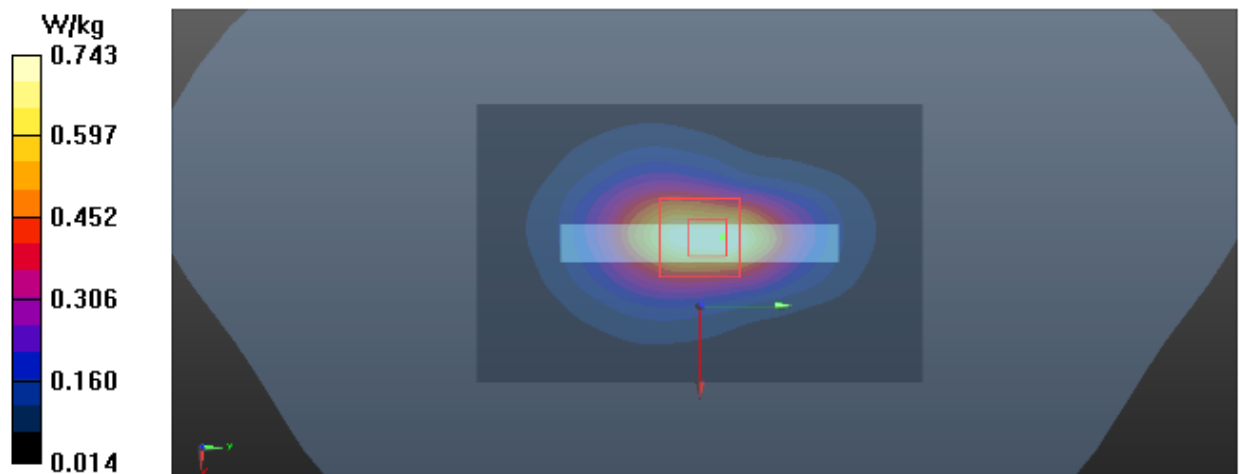
Communication System: UID 0, WCDMA (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1908$ MHz; $\sigma = 1.561$ S/m; $\epsilon_r = 51.989$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.2 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(4.85, 4.85, 4.85) @ 1907.6 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x9x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.761 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 22.00 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.670 W/kg; SAR(10 g) = 0.370 W/kg
Maximum value of SAR (measured) = 0.743 W/kg



T354_UMTS B2_RMC12.2K_CH9400_Rear Face_1.0cm_ANT Second_SIM 2_Battery 1**DUT: Mobile Phone;**

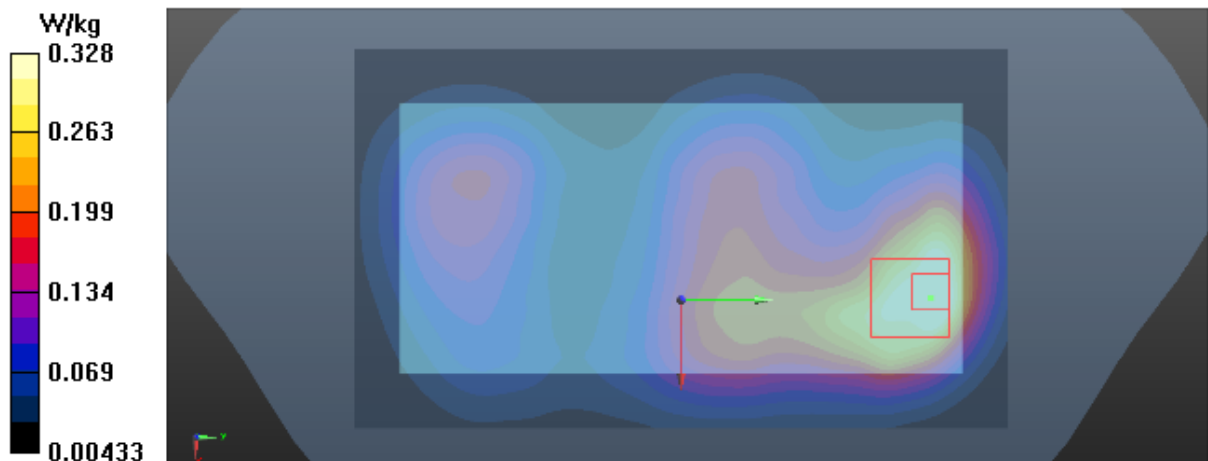
Communication System: UID 0, WCDMA (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.524$ S/m; $\epsilon_r = 52.074$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.2 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(4.85, 4.85, 4.85) @ 1880 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.372 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 9.386 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.520 W/kg
SAR(1 g) = 0.307 W/kg; SAR(10 g) = 0.188 W/kg
Maximum value of SAR (measured) = 0.328 W/kg



T371_UMTS B4_RMC12.2K_CH1513_Bottom Side_1.0cm_ANT Main_SIM 2_Battery 1**DUT: Mobile Phone;**

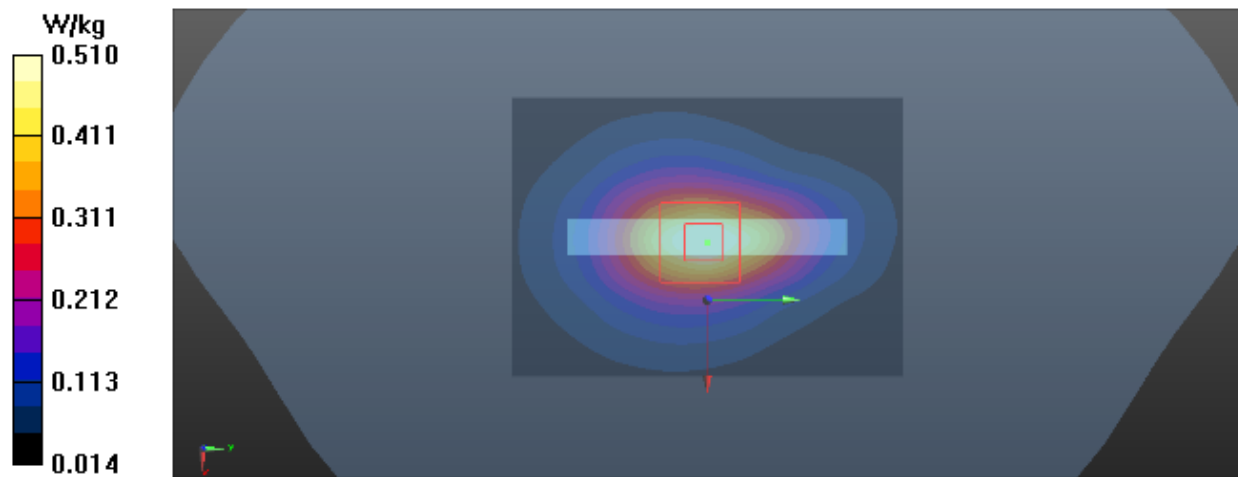
Communication System: UID 0, WCDMA (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1753$ MHz; $\sigma = 1.452$ S/m; $\epsilon_r = 52.285$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(4.99, 4.99, 4.99) @ 1752.6 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x8x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.531 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 18.95 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.772 W/kg
SAR(1 g) = 0.461 W/kg; SAR(10 g) = 0.264 W/kg
Maximum value of SAR (measured) = 0.510 W/kg



T382_UMTS B4_RMC12.2K_CH1413_Rear Face_1.0cm_ANT Second_SIM 1_Battery 1**DUT: Mobile Phone;**

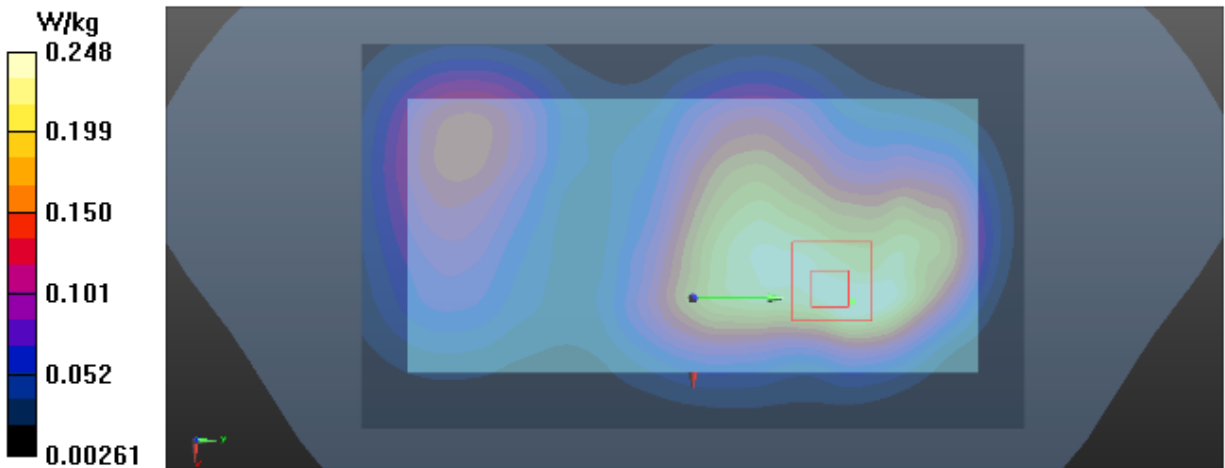
Communication System: UID 0, WCDMA (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1733$ MHz; $\sigma = 1.429$ S/m; $\epsilon_r = 52.341$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(4.99, 4.99, 4.99) @ 1732.6 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.264 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 10.67 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.361 W/kg
SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.148 W/kg
Maximum value of SAR (measured) = 0.248 W/kg



T405_UMTS B5_RMC12.2K_CH4182_Rear Face_1.0cm_ANT Main_SIM 2_Battery 1**DUT: Mobile Phone;**

Communication System: UID 0, WCDMA (0); Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.957$ S/m; $\epsilon_r = 55.069$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(9.89, 9.89, 9.89) @ 836.4 MHz; Calibrated: 2018-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.541 W/kg

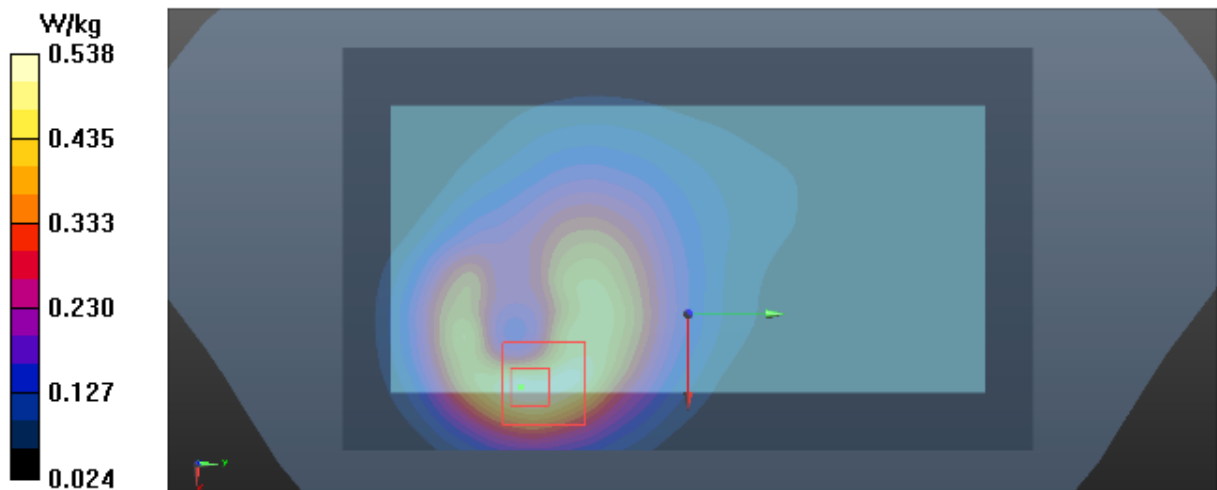
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.46 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.900 W/kg

SAR(1 g) = 0.496 W/kg; SAR(10 g) = 0.291 W/kg

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



T422_UMTS B5_RMC12.2K_CH4182_Left Side_1.0cm_ANT Second_SIM 2_Battery 1**DUT: Mobile Phone;**

Communication System: UID 0, WCDMA (0); Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.979$ S/m; $\epsilon_r = 55.603$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(6.31, 6.31, 6.31) @ 836.4 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x12x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.457 W/kg

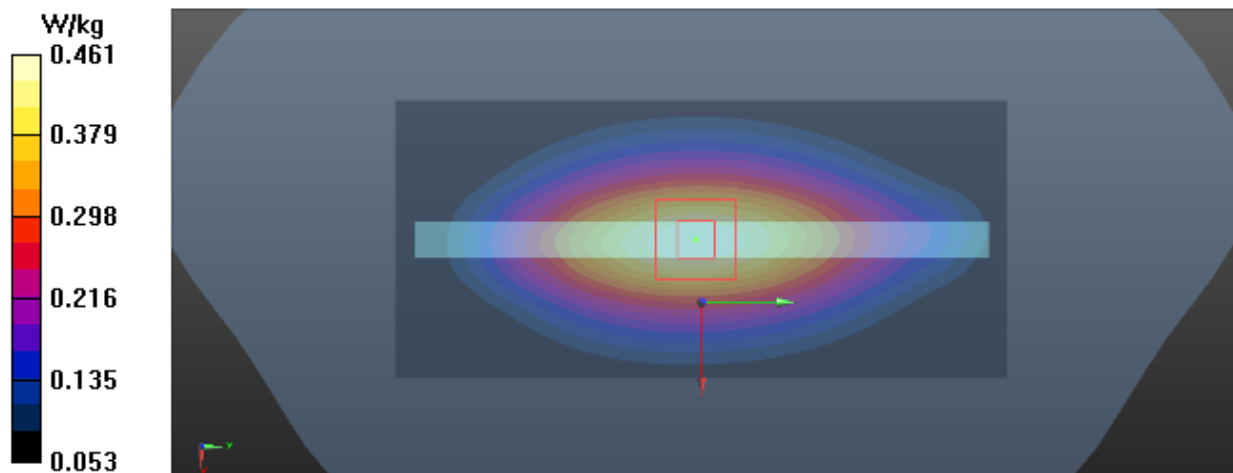
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 21.94 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.610 W/kg

SAR(1 g) = 0.429 W/kg; SAR(10 g) = 0.294 W/kg

Maximum value of SAR (measured) = 0.461 W/kg



T448_LTE B2_QPSK20M_CH19100_50RB_Bottom Side_1cm_ANT Main_SIM 2_Battery 3**DUT: Mobile Phone;**

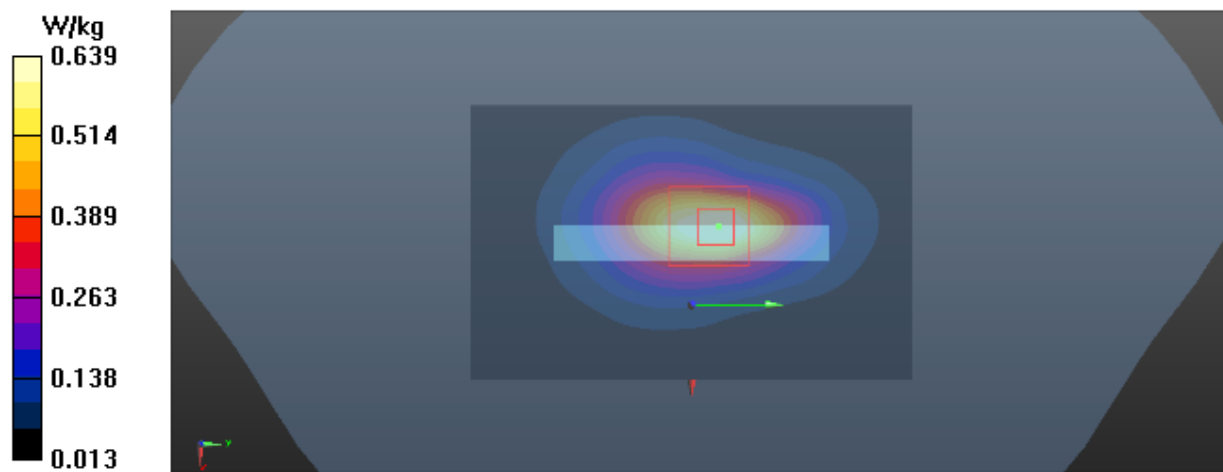
Communication System: UID 0, LTE FDD (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.544$ S/m; $\epsilon_r = 52.584$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(4.85, 4.85, 4.85) @ 1900 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x9x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.680 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 19.23 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.998 W/kg
SAR(1 g) = 0.572 W/kg; SAR(10 g) = 0.314 W/kg
Maximum value of SAR (measured) = 0.639 W/kg



T471_LTE B2_QPSK20M_CH19100_1RB_Rear Face_1.0cm_ANT Second_SIM 2_Battery 2**DUT: Mobile Phone;**

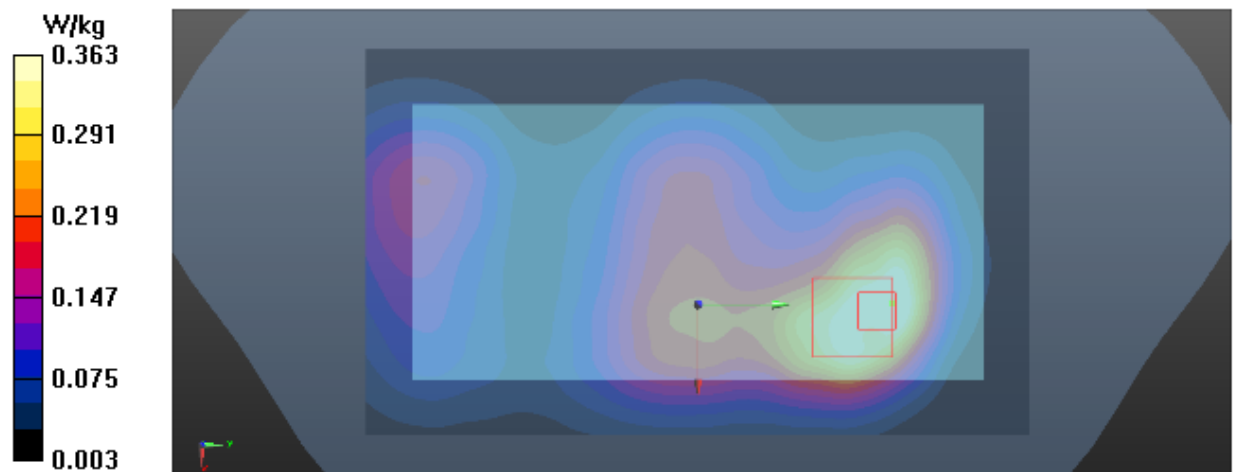
Communication System: UID 0, LTE FDD (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.544$ S/m; $\epsilon_r = 52.584$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(4.85, 4.85, 4.85) @ 1900 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.398 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 11.52 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.581 W/kg
SAR(1 g) = 0.336 W/kg; SAR(10 g) = 0.209 W/kg
Maximum value of SAR (measured) = 0.363 W/kg



T493_LTE B4_QPSK20M_CH20300_1RB_Bottom Side_1.0cm_ANT Main_SIM 1_Battery 1**DUT: Mobile Phone;**

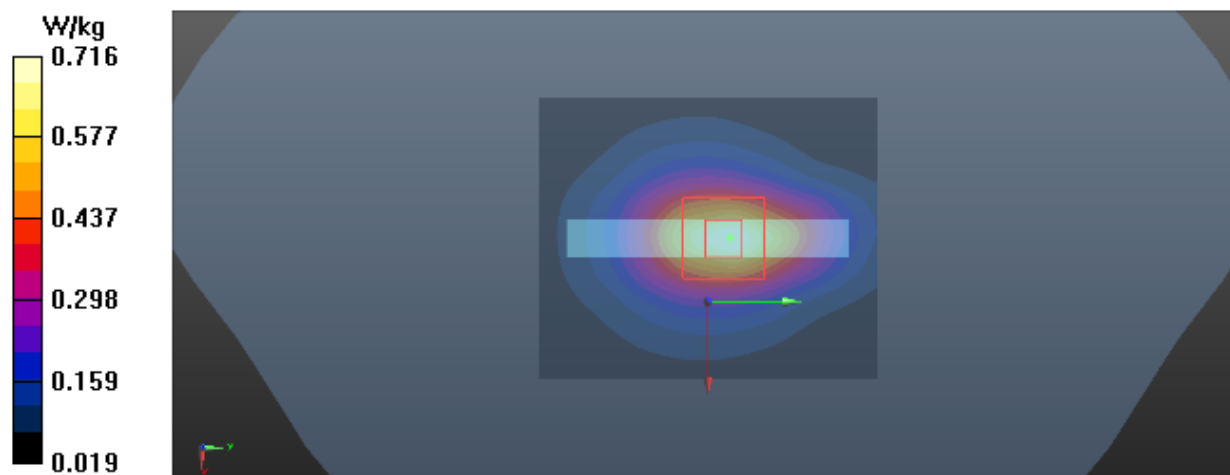
Communication System: UID 0, LTE FDD (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.521$ S/m; $\epsilon_r = 52.229$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.1 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(4.99, 4.99, 4.99) @ 1745 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x7x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.716 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 21.08 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.608 W/kg; SAR(10 g) = 0.347 W/kg
Maximum value of SAR (measured) = 0.672 W/kg



T517_LTE B4_QPSK20M_CH20300_1RB_Top Side_1cm_ANT Second_SIM 1_Battery 1**DUT: Mobile Phone;**

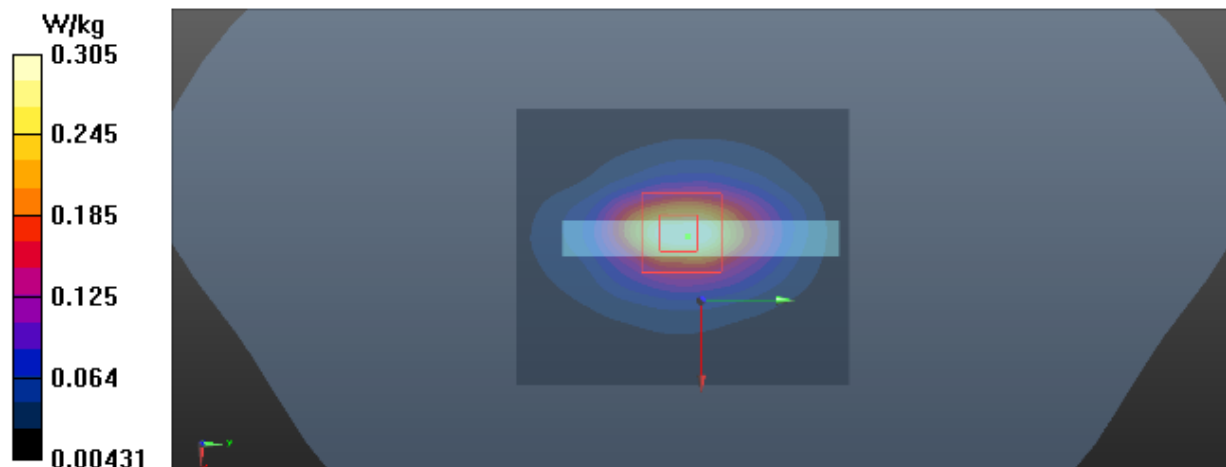
Communication System: UID 0, LTE FDD (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.521$ S/m; $\epsilon_r = 52.229$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.1 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(4.99, 4.99, 4.99) @ 1745 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x7x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.310 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 13.97 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.524 W/kg
SAR(1 g) = 0.272 W/kg; SAR(10 g) = 0.138 W/kg
Maximum value of SAR (measured) = 0.305 W/kg



T542_LTE B5_QPSK10M_CH20600_1RB_Rear Face_1.0cm_ANT Main_SIM 2_Battery 1**DUT: Mobile Phone;**

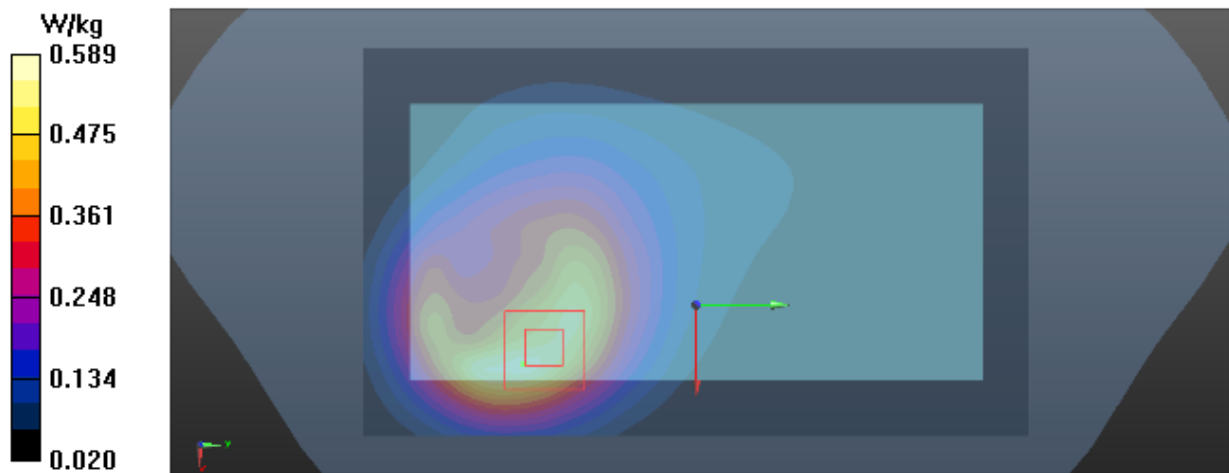
Communication System: UID 0, LTE FDD (0); Frequency: 844 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 844$ MHz; $\sigma = 0.987$ S/m; $\epsilon_r = 55.515$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(6.31, 6.31, 6.31) @ 844 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.572 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 10.44 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.964 W/kg
SAR(1 g) = 0.547 W/kg; SAR(10 g) = 0.321 W/kg
Maximum value of SAR (measured) = 0.589 W/kg



T566_LTE B5_QPSK10M_CH20450_1RB_Left Side_1.0cm_ANT Second_SIM 2_Battery 1**DUT: Mobile Phone;**

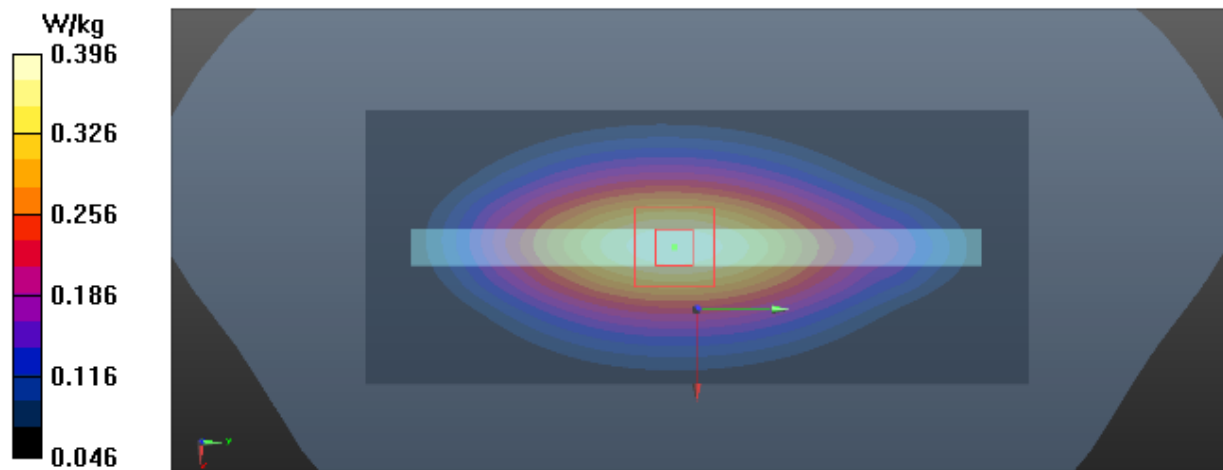
Communication System: UID 0, LTE FDD (0); Frequency: 829 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 829$ MHz; $\sigma = 0.966$ S/m; $\epsilon_r = 54.264$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(6.31, 6.31, 6.31) @ 829 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.391 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 20.34 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.524 W/kg
SAR(1 g) = 0.368 W/kg; SAR(10 g) = 0.252 W/kg
Maximum value of SAR (measured) = 0.396 W/kg



T590_LTE B7_QPKS20M_CH20850_50RB_Bottom Side_1.0cm_Ant Main_SIM 2_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, LTE-FDD(50% RB, 20MHz, QPSK) (0); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 2.074$ S/m; $\epsilon_r = 52.39$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(7.7, 7.7, 7.7) @ 2510 MHz; Calibrated: 2018/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (7x10x1): Interpolated grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (interpolated) = 0.461 W/kg

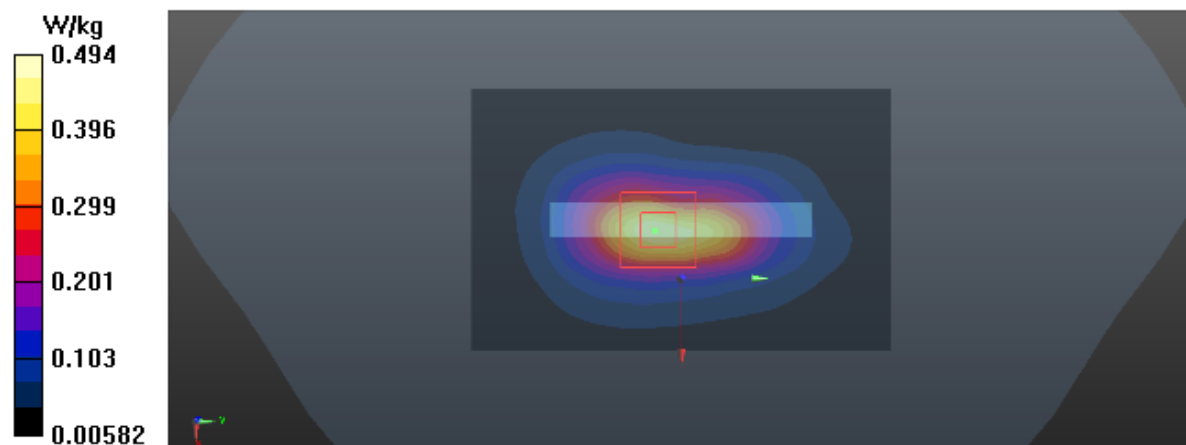
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 15.10 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.790 W/kg

SAR(1 g) = 0.431 W/kg; SAR(10 g) = 0.221 W/kg

Maximum value of SAR (measured) = 0.494 W/kg



Test Laboratory: BTL Inc. Date: 2019/4/22

T615_LTE B7_QPKS20M_CH21350_50RB_Left Side_1.0cm_Ant Second_SIM 2_Battery 2

DUT: Mobile Phone;

Communication System: UID 0, LTE-FDD(50% RB, 20MHz, QPSK) (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 2.137$ S/m; $\epsilon_r = 52.219$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(7.3, 7.3, 7.3) @ 2560 MHz; Calibrated: 2018/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (7x16x1): Interpolated grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (interpolated) = 0.225 W/kg

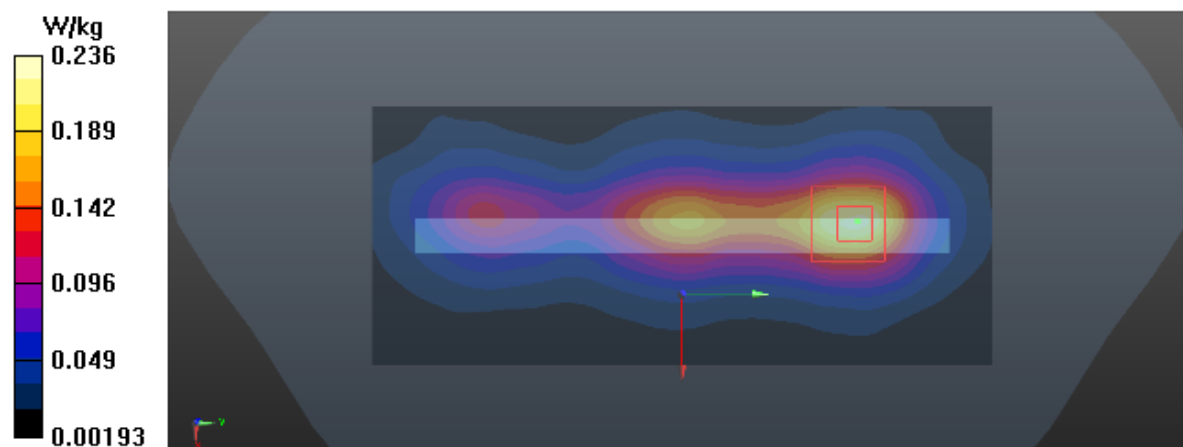
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 8.856 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.398 W/kg

SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.111 W/kg

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



T640_LTE B12_QPSK10M_CH23130_1RB_Rear Face_1.0cm_ANT Main_SIM 2_Battery 3**DUT: Mobile Phone;**

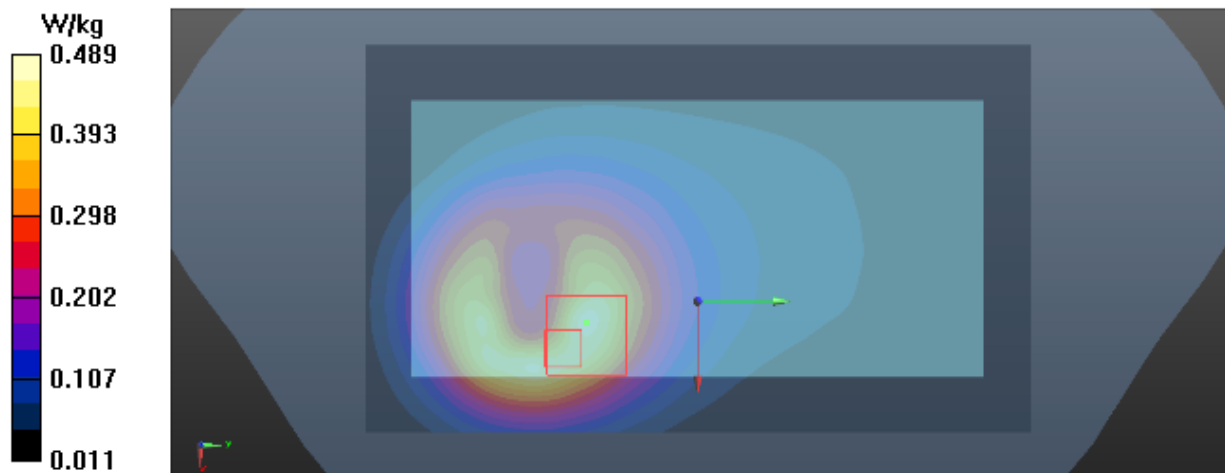
Communication System: UID 0, LTE FDD (0); Frequency: 711 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 711$ MHz; $\sigma = 0.939$ S/m; $\epsilon_r = 54.506$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(6.31, 6.31, 6.31) @ 711 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.472 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 11.47 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.863 W/kg
SAR(1 g) = 0.452 W/kg; SAR(10 g) = 0.259 W/kg
Maximum value of SAR (measured) = 0.489 W/kg



T661_LTE B12_QPSK10M_CH23130_1RB_Left Side_1.0cm_ANT Second_SIM 1_Battery 1**DUT: Mobile Phone;**

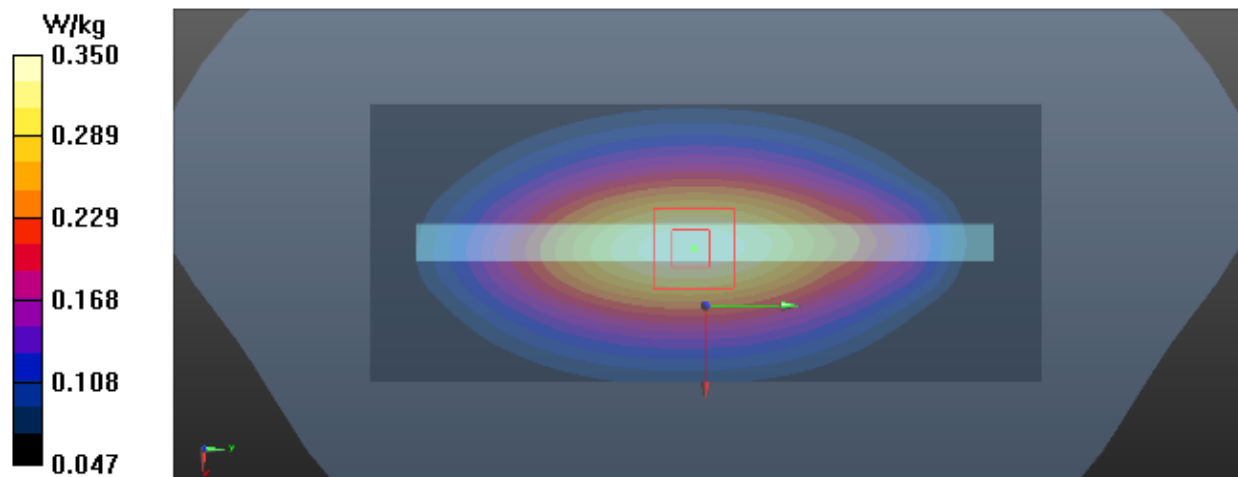
Communication System: UID 0, LTE FDD (0); Frequency: 711 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 711$ MHz; $\sigma = 0.927$ S/m; $\epsilon_r = 56.052$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(6.31, 6.31, 6.31) @ 711 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.347 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 19.61 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.453 W/kg
SAR(1 g) = 0.328 W/kg; SAR(10 g) = 0.230 W/kg
Maximum value of SAR (measured) = 0.350 W/kg



T685_LTE B66_QPSK20M_CH132572_1RB_Bottom Side_1.0cm_ANT Main_SIM 1_Battery 1**DUT: Mobile Phone;**

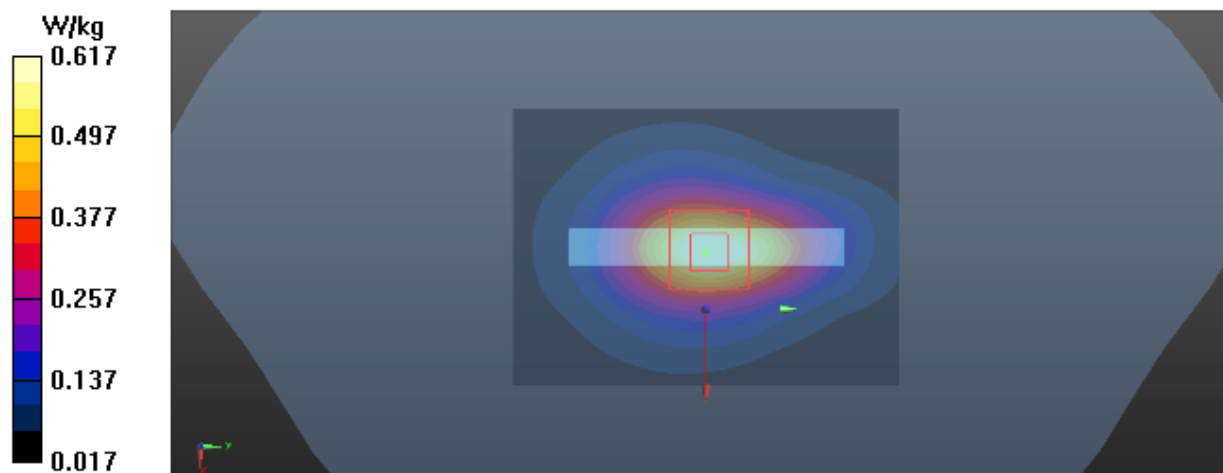
Communication System: UID 0, LTE FDD (0); Frequency: 1770 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1770$ MHz; $\sigma = 1.461$ S/m; $\epsilon_r = 53.802$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(4.99, 4.99, 4.99) @ 1770 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x8x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.647 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 20.87 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.936 W/kg
SAR(1 g) = 0.556 W/kg; SAR(10 g) = 0.316 W/kg
Maximum value of SAR (measured) = 0.617 W/kg



T712_LTE B66_QPSK20M_CH132572_1RB_Top Side_1.0cm_ANT Second_SIM 2_Battery 3**DUT: Mobile Phone;**

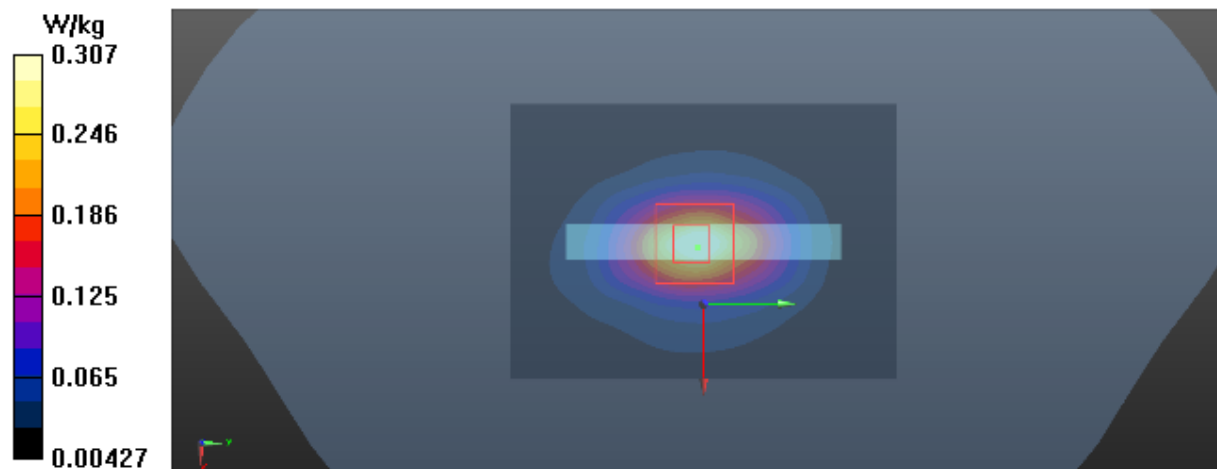
Communication System: UID 0, LTE FDD (0); Frequency: 1770 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1770$ MHz; $\sigma = 1.461$ S/m; $\epsilon_r = 53.802$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(4.99, 4.99, 4.99) @ 1770 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x8x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.323 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 14.32 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.524 W/kg
SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.137 W/kg
Maximum value of SAR (measured) = 0.307 W/kg



T726_802.11b_CH6_Rear Face_1.0cm_Battery 2

DUT: Mobile Phone;

Communication System: UID 0, IEEE 802.11b WiFi 2.4GHz (DSSS,1Mbps) (0); Frequency: 2437 MHz;

Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.967$ S/m; $\epsilon_r = 51.477$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(7.7, 7.7, 7.7) @ 2437 MHz; Calibrated: 2018/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x16x1): Interpolated grid: $dx=12$ mm, $dy=12$ mm

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

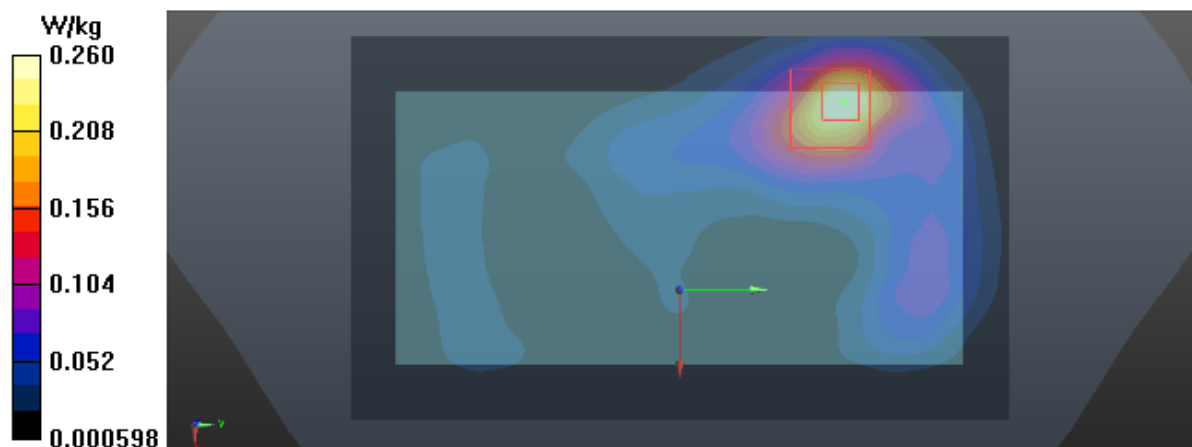
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.885 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.427 W/kg

SAR(1 g) = 0.223 W/kg; SAR(10 g) = 0.110 W/kg

Maximum value of SAR (measured) = 0.260 W/kg



T748_BT DH5_CH78_Right Side_1cm_Battery 2

DUT: Mobile Phone;

Communication System: UID 0, IEEE 802.15.1 Bluetooth (PI/4-DQPSK) (0); Frequency: 2480 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2480$ MHz; $\sigma = 2.024$ S/m; $\epsilon_r = 51.321$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(7.7, 7.7, 7.7) @ 2480 MHz; Calibrated: 2018/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (7x16x1): Interpolated grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (interpolated) = 0.0618 W/kg

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

Reference Value = 2.578 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.108 W/kg

SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.013 W/kg

Maximum value of SAR (measured) = 0.0381 W/kg

