

APPENDIX A: SYSTEM CHECKING SCANS

WCDMA Band2 Body Facedown Mid 0mm

Communication System: UID 0, UMTS-FDD; Communication System Band: Band 2, UTRA/FDD (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Communication System PAR: 2.91 dB; PMF: 1.00231
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.45$ S/m; $\epsilon_r = 39.74$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(8.59, 8.59, 8.59) @ 1880 MHz; Calibrated: 11/6/2020
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 11/17/2020
- Phantom: SAM3; Type: QD 000 P41 AA; Serial: 2025
- DASYS 52.10.4(1527); SEMCAD X 14.6.14(7483)

UMTS Band 2_Body Back/Mid/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 7.375 V/m; Power Drift = -0.14 dB

Fast SAR: SAR(1 g) = 1.35 W/kg; SAR(10 g) = 0.741 W/kg

Maximum value of SAR (interpolated) = 1.56 W/kg

UMTS Band 2_Body Back/Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

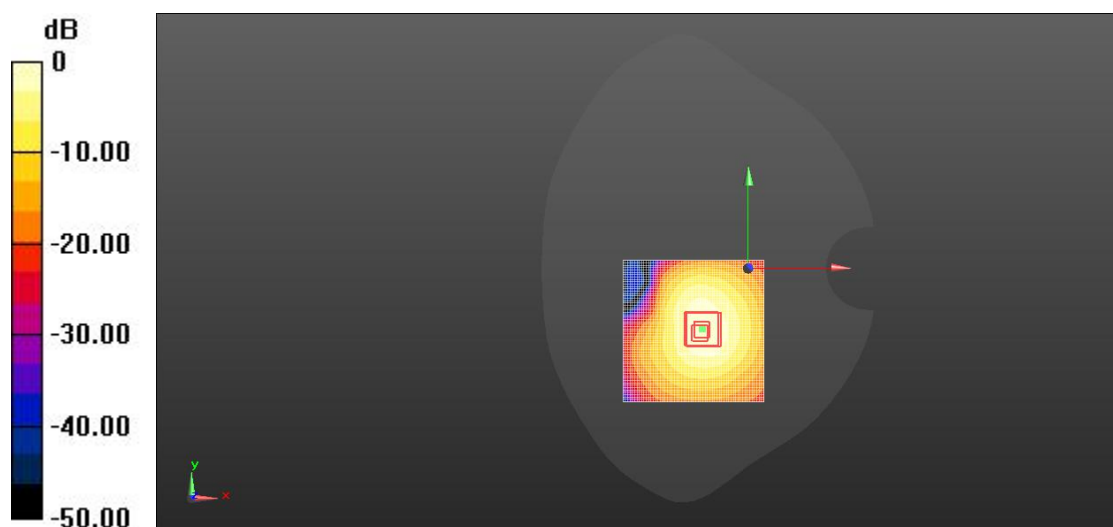
Reference Value = 7.375 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 2.27 W/kg

SAR(1 g) = 1.29 W/kg; SAR(10 g) = 0.722 W/kg

Smallest distance from peaks to all points 3 dB below = 11.5 mm

Ratio of SAR at M2 to SAR at M1 = 60.1%

Maximum value of SAR (measured) = 1.36 W/kg



0 dB = 1.56 W/kg = 1.93 dBW/kg

WCDMA Band2 Body Faceup Mid 10mm

Communication System: UID 0, UMTS-FDD; Communication System Band: Band 2, UTRA/FDD (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Communication System PAR: 2.91 dB; PMF: 1.00231

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.45$ S/m; $\epsilon_r = 39.74$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(8.59, 8.59, 8.59) @ 1880 MHz; Calibrated: 11/6/2020
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 11/17/2020
- Phantom: SAM3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

UMTS Band 2_Body Faceup/Mid 10mm/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 8.803 V/m; Power Drift = -0.19 dB

Fast SAR: SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.578 W/kg

Maximum value of SAR (interpolated) = 1.15 W/kg

UMTS Band 2_Body Faceup/Mid 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.803 V/m; Power Drift = -0.19 dB

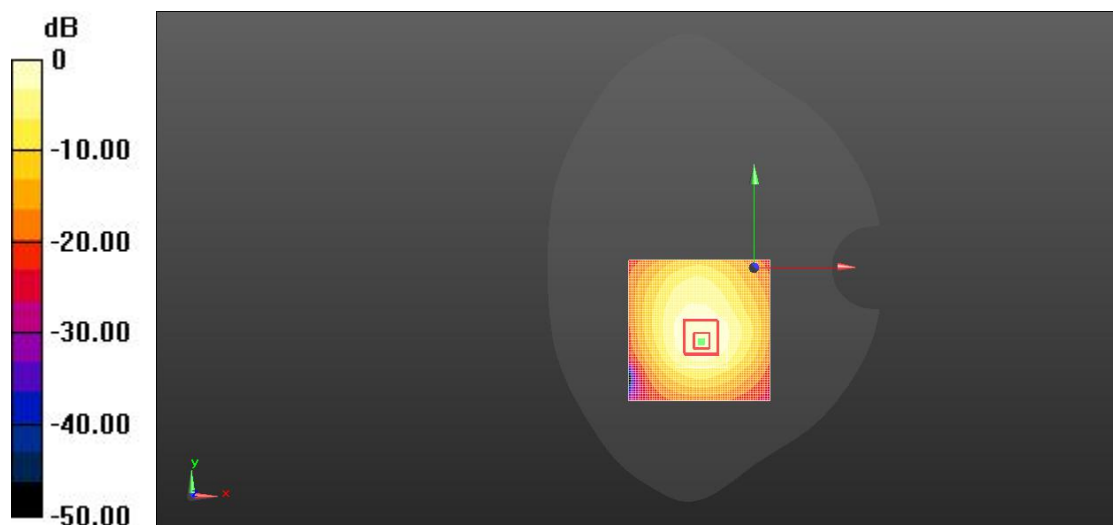
Peak SAR (extrapolated) = 1.88 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.583 W/kg

Smallest distance from peaks to all points 3 dB below = 12.8 mm

Ratio of SAR at M2 to SAR at M1 = 57.7%

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



0 dB = 1.15 W/kg = 0.60 dBW/kg

WCDMA Band4 Body Facedown Mid 0mm

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Communication System Band: Band 4, UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1732.5 MHz; Communication System PAR: 2.91 dB; PMF: 1.00231

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.363$ S/m; $\epsilon_r = 40.136$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(8.82, 8.82, 8.82) @ 1732.5 MHz; Calibrated: 11/6/2020
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 11/17/2020
- Phantom: SAM3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

UMTS Band 4_body/Facedown Mid 0mm/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 8.387 V/m; Power Drift = 0.02 dB

Fast SAR: SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.602 W/kg

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

UMTS Band 4_body/Facedown Mid 0mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.387 V/m; Power Drift = 0.02 dB

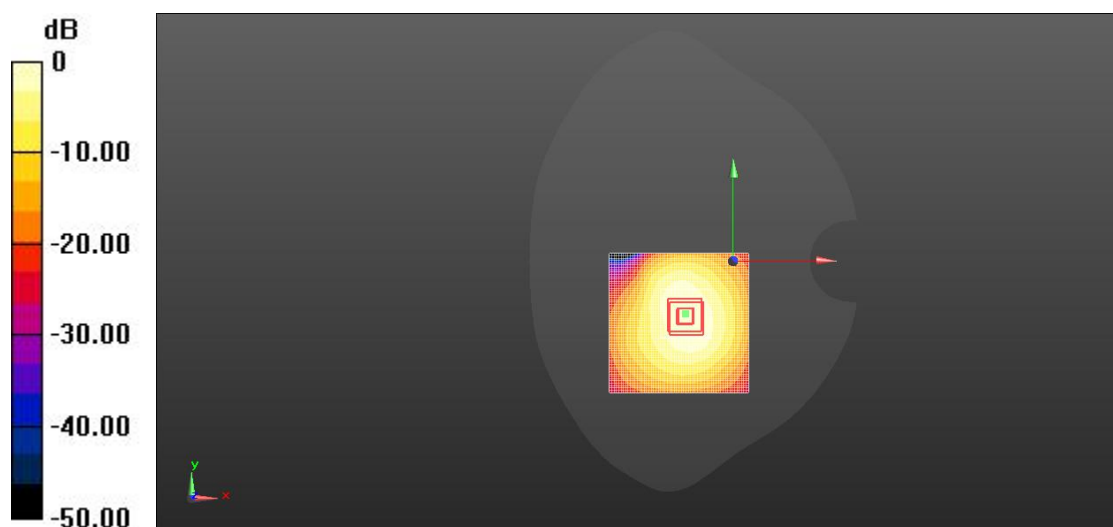
Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.617 W/kg

Smallest distance from peaks to all points 3 dB below = 15.2 mm

Ratio of SAR at M2 to SAR at M1 = 66%

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



0 dB = 1.16 W/kg = 0.65 dBW/kg

WCDMA Band4 Body Faceup Mid 10mm

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Communication System Band: Band 4, UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1732.5 MHz; Communication System PAR: 2.91 dB; PMF: 1.00231

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.363$ S/m; $\epsilon_r = 40.136$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(8.82, 8.82, 8.82) @ 1732.5 MHz; Calibrated: 11/6/2020
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 11/17/2020
- Phantom: SAM3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

UMTS Band 4_body/Faceuo Mid 10mm/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 7.715 V/m; Power Drift = -0.14 dB

Fast SAR: SAR(1 g) = 0.836 W/kg; SAR(10 g) = 0.473 W/kg

Maximum value of SAR (interpolated) = 0.978 W/kg

UMTS Band 4_body/Faceuo Mid 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.715 V/m; Power Drift = -0.14 dB

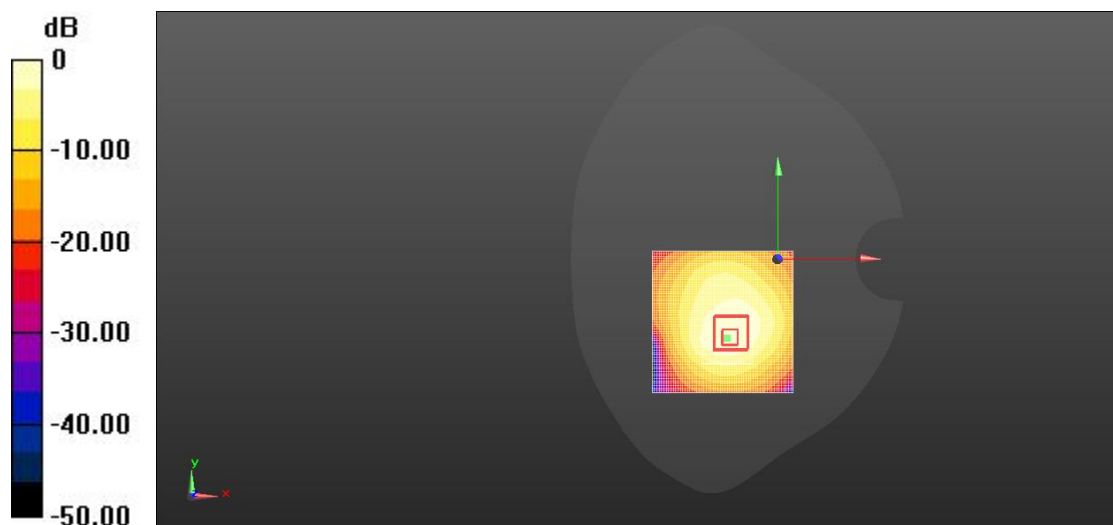
Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.854 W/kg; SAR(10 g) = 0.481 W/kg

Smallest distance from peaks to all points 3 dB below = 12.8 mm

Ratio of SAR at M2 to SAR at M1 = 59.7%

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



0 dB = 0.978 W/kg = -0.10 dBW/kg

WCDMA Band5 Body Facedown Mid 0mm

Communication System: UID 0, UMTS-FDD; Communication System Band: Band 5, UTRA/FDD (824.0 - 849.0 MHz); Frequency: 836.6 MHz; Communication System PAR: 2.91 dB; PMF: 1.00231

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 41.478$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(10.21, 10.21, 10.21) @ 836.6 MHz; Calibrated: 11/6/2020
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 11/17/2020
- Phantom: SAM3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

UMTS Band 5_body Back/Mid 0mm/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 3.367 V/m; Power Drift = -0.02 dB

Fast SAR: SAR(1 g) = 0.648 W/kg; SAR(10 g) = 0.436 W/kg

Maximum value of SAR (interpolated) = 0.711 W/kg

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

Reference Value = 3.367 V/m; Power Drift = -0.02 dB

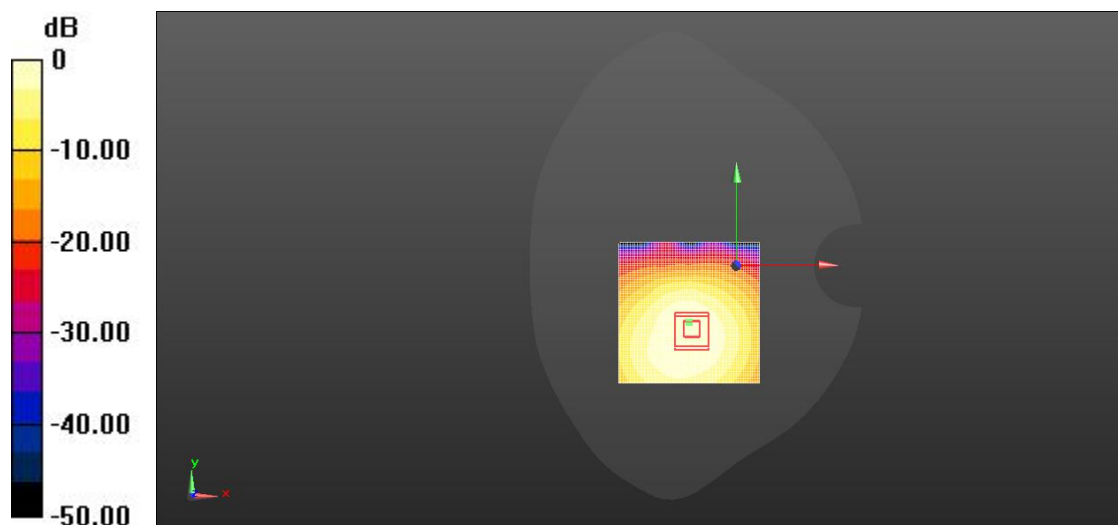
Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.663 W/kg; SAR(10 g) = 0.413 W/kg

Smallest distance from peaks to all points 3 dB below = 16 mm

Ratio of SAR at M2 to SAR at M1 = 66.5%

Maximum value of SAR (measured) = 0.701 W/kg



0 dB = 0.711 W/kg = -1.48 dBW/kg

WCDMA Band5 Body Faceup Mid 10mm

Communication System: UID 0, UMTS-FDD; Communication System Band: Band 5, UTRA/FDD (824.0 - 849.0 MHz); Frequency: 836.6 MHz; Communication System PAR: 2.91 dB; PMF: 1.00231

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 41.478$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(10.21, 10.21, 10.21) @ 836.6 MHz; Calibrated: 11/6/2020
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 11/17/2020
- Phantom: SAM3; Type: QD 000 P41 AA; Serial: 2025
- DASYS 52.10.4(1527); SEMCAD X 14.6.14(7483)

UMTS Band 5_body Front/Mid 10mm/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 7.486 V/m; Power Drift = -0.18 dB

Fast SAR: SAR(1 g) = 0.439 W/kg; SAR(10 g) = 0.288 W/kg

Maximum value of SAR (interpolated) = 0.485 W/kg

UMTS Band 5_body Front/Mid 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.486 V/m; Power Drift = -0.18 dB

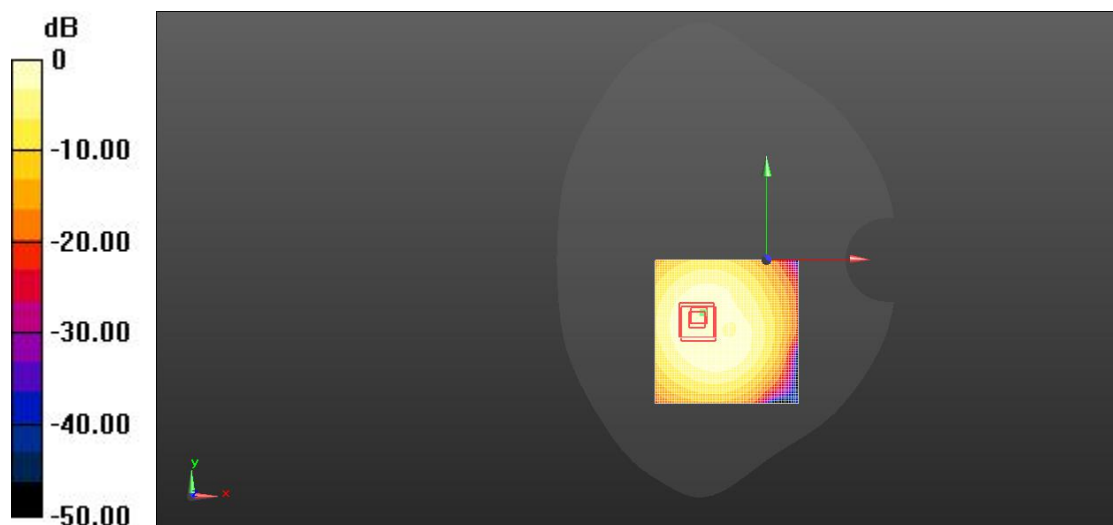
Peak SAR (extrapolated) = 0.721 W/kg

SAR(1 g) = 0.440 W/kg; SAR(10 g) = 0.263 W/kg

Smallest distance from peaks to all points 3 dB below = 15.8 mm

Ratio of SAR at M2 to SAR at M1 = 63%

Maximum value of SAR (measured) = 0.472 W/kg



0 dB = 0.485 W/kg = -3.14 dBW/kg

LTE Band2 Body Facedown Mid 0mm

Communication System: UID 0, LTE-FDD(CE); Communication System Band: Band2(10MHz); Frequency: 1880 MHz; Communication System PAR: 0 dB; PMF: 1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.45$ S/m; $\epsilon_r = 39.74$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(8.59, 8.59, 8.59) @ 1880 MHz; Calibrated: 11/6/2020
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 11/17/2020
- Phantom: SAM3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Facedown Mid/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 6.531 V/m; Power Drift = 0.10 dB

Fast SAR: SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.659 W/kg

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

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

Reference Value = 6.531 V/m; Power Drift = 0.10 dB

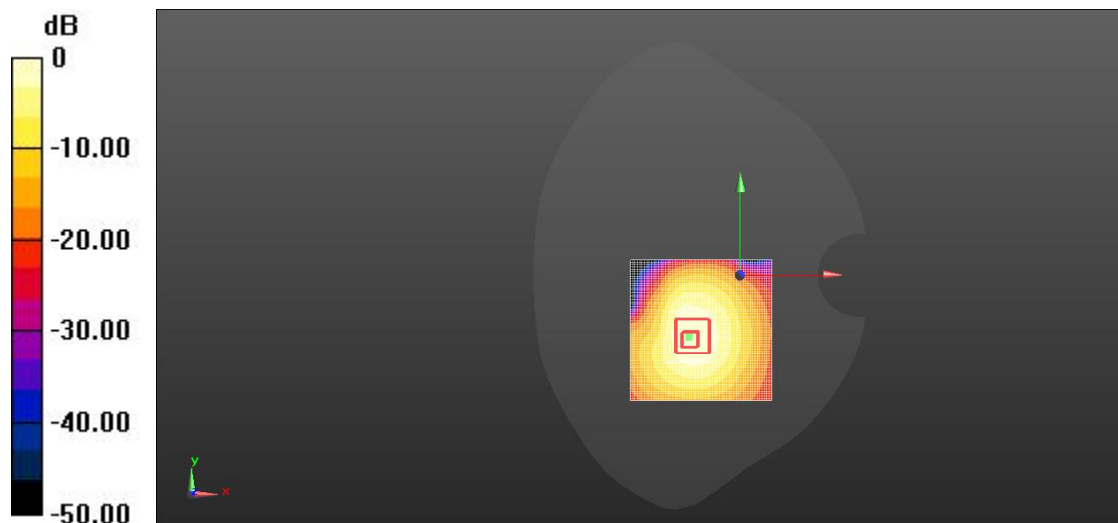
Peak SAR (extrapolated) = 1.96 W/kg

SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.654 W/kg

Smallest distance from peaks to all points 3 dB below = 12.8 mm

Ratio of SAR at M2 to SAR at M1 = 62.1%

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



0 dB = 1.34 W/kg = 1.26 dBW/kg

LTE Band2 Body Faceup Low 10mm

Communication System: UID 0, LTE-FDD(CE); Communication System Band: Band2(10MHz); Frequency: 1855 MHz; Communication System PAR: 0 dB; PMF: 1

Medium parameters used (interpolated): $f = 1855$ MHz; $\sigma = 1.425$ S/m; $\epsilon_r = 39.849$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(8.59, 8.59, 8.59) @ 1855 MHz; Calibrated: 11/6/2020
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 11/17/2020
- Phantom: SAM3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Faceup Low 10mm/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 8.027 V/m; Power Drift = 0.11 dB

Fast SAR: SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.611 W/kg

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

Body/Faceup Low 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.027 V/m; Power Drift = 0.11 dB

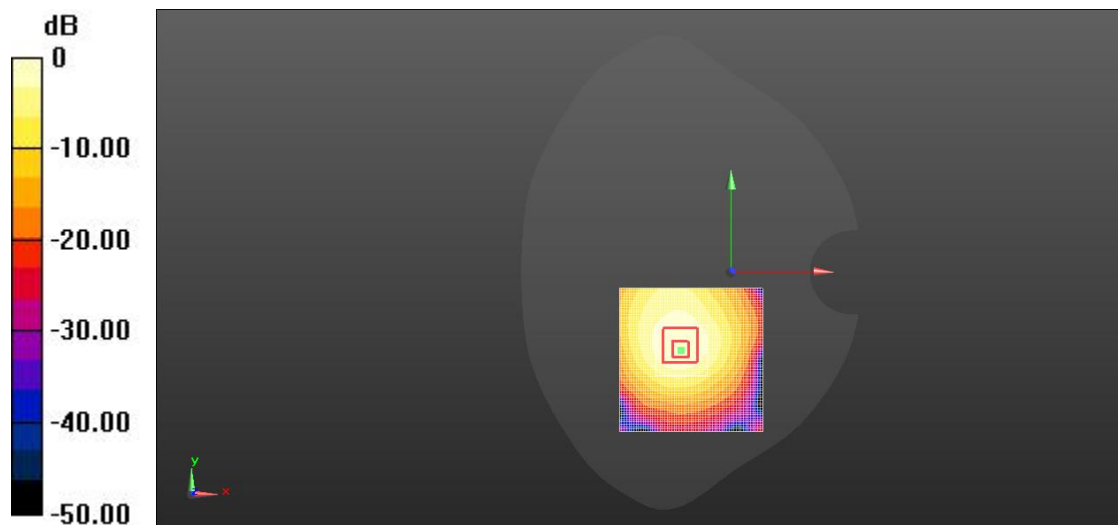
Peak SAR (extrapolated) = 1.99 W/kg

SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.623 W/kg

Smallest distance from peaks to all points 3 dB below = 12.8 mm

Ratio of SAR at M2 to SAR at M1 = 58.2%

Maximum value of SAR (measured) = 1.30 W/kg



0 dB = 1.24 W/kg = 0.93 dBW/kg

LTE Band4 Body Facedown Mid 0mm

Communication System: UID 0, LTE-FDD(CE); Communication System Band: Band4(10MHz); Frequency: 1732.5

MHz; Communication System PAR: 0 dB; PMF: 1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.304$ S/m; $\epsilon_r = 40.408$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(8.82, 8.82, 8.82) @ 1732.5 MHz; Calibrated: 11/6/2020
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 11/17/2020
- Phantom: SAM3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Facedown Mid/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 7.446 V/m; Power Drift = -0.04 dB

Fast SAR: SAR(1 g) = 0.913 W/kg; SAR(10 g) = 0.549 W/kg

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

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

Reference Value = 7.446 V/m; Power Drift = -0.04 dB

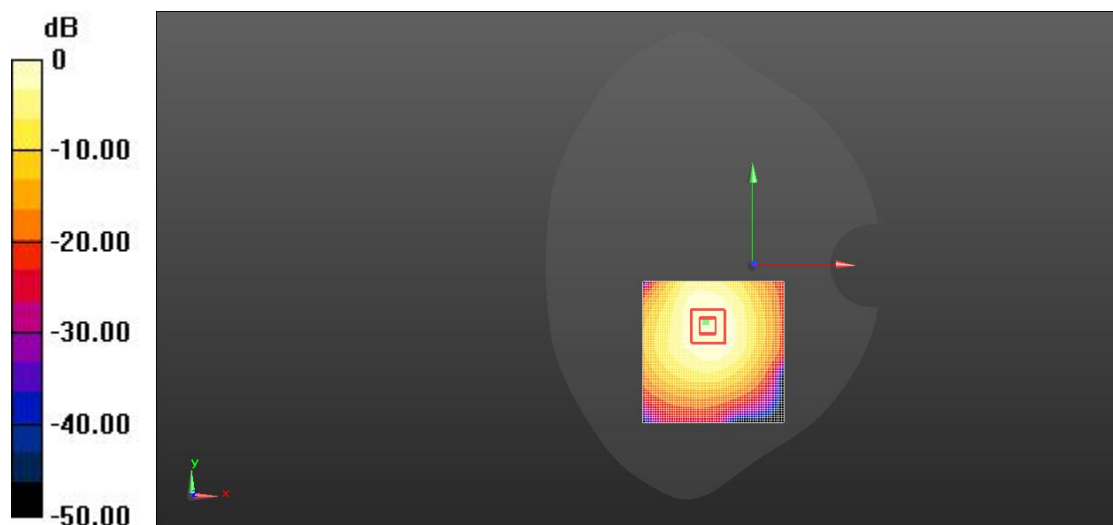
Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.930 W/kg; SAR(10 g) = 0.559 W/kg

Smallest distance from peaks to all points 3 dB below = 16.1 mm

Ratio of SAR at M2 to SAR at M1 = 66%

Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 1.00 W/kg = 0.02 dBW/kg

LTE Band4 Body Faceup High 10mm

Communication System: UID 0, LTE-FDD(CE); Communication System Band: Band4(10MHz); Frequency: 1750 MHz; Communication System PAR: 0 dB; PMF: 1

Medium parameters used (interpolated): $f = 1750$ MHz; $\sigma = 1.322$ S/m; $\epsilon_r = 40.328$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(8.82, 8.82, 8.82) @ 1750 MHz; Calibrated: 11/6/2020
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 11/17/2020
- Phantom: SAM3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Faceup High 10mm/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 7.162 V/m; Power Drift = 0.07 dB

Fast SAR: SAR(1 g) = 0.944 W/kg; SAR(10 g) = 0.525 W/kg

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

Body/Faceup High 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.162 V/m; Power Drift = 0.07 dB

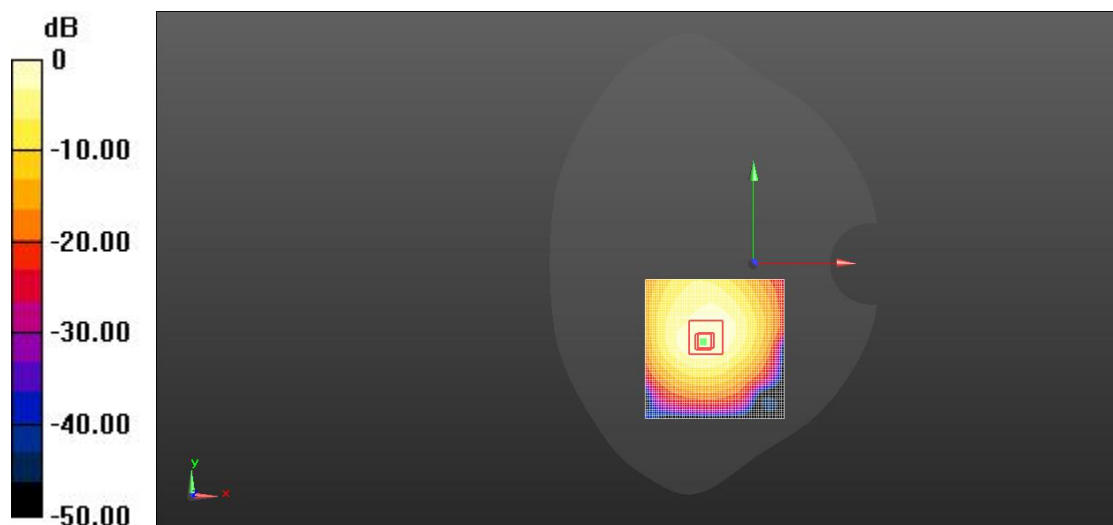
Peak SAR (extrapolated) = 1.81 W/kg

SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.590 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 59.4%

Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.08 W/kg = 0.33 dBW/kg

LTE Band5 (10MHz) Body Facedown Mid 0mm

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Communication System Band: Band 5, E-UTRA/FDD (824.0 - 849.0 MHz); Frequency: 836.5 MHz; Communication System PAR: 5.724 dB; PMF: 1.13894

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 41.479$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(10.21, 10.21, 10.21) @ 836.5 MHz; Calibrated: 11/6/2020
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 11/17/2020
- Phantom: SAM3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Facedown Mid 0mm/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 3.582 V/m; Power Drift = -0.16 dB

Fast SAR: SAR(1 g) = 0.567 W/kg; SAR(10 g) = 0.372 W/kg

Maximum value of SAR (interpolated) = 0.616 W/kg

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

Reference Value = 3.582 V/m; Power Drift = -0.16 dB

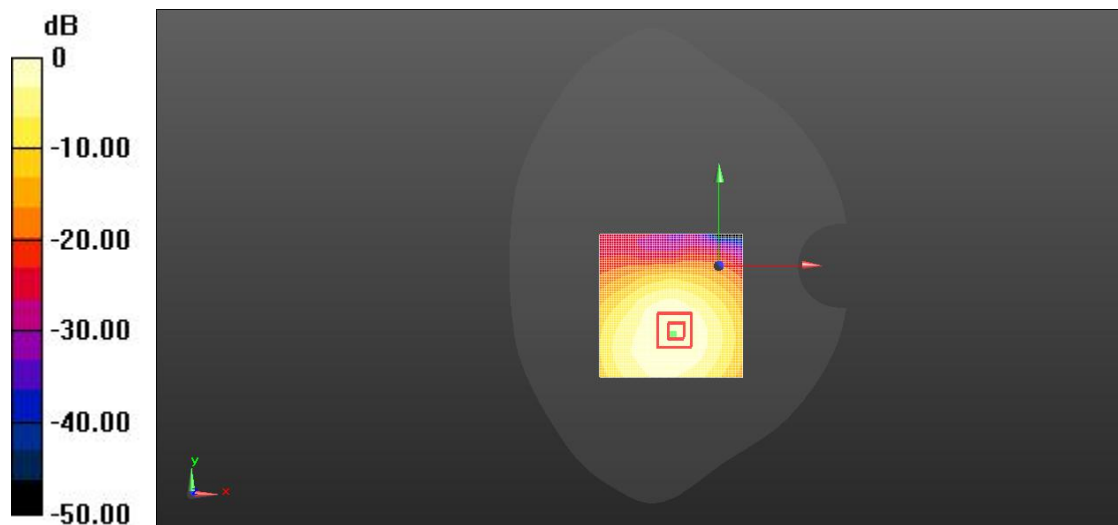
Peak SAR (extrapolated) = 0.885 W/kg

SAR(1 g) = 0.578 W/kg; SAR(10 g) = 0.359 W/kg

Smallest distance from peaks to all points 3 dB below = 15.8 mm

Ratio of SAR at M2 to SAR at M1 = 65.7%

Maximum value of SAR (measured) = 0.604 W/kg



0 dB = 0.616 W/kg = -2.10 dBW/kg

LTE Band5 (10MHz) Body Faceup Mid 10mm

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Communication System Band: Band 5, E-UTRA/FDD (824.0 - 849.0 MHz); Frequency: 836.5 MHz; Communication System PAR: 5.724 dB; PMF: 1.13894

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 41.479$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(10.21, 10.21, 10.21) @ 836.5 MHz; Calibrated: 11/6/2020
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 11/17/2020
- Phantom: SAM3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Faceup Mid 10mm/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 6.903 V/m; Power Drift = 0.06 dB

Fast SAR: SAR(1 g) = 0.413 W/kg; SAR(10 g) = 0.270 W/kg

Maximum value of SAR (interpolated) = 0.467 W/kg

Body/Faceup Mid 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.903 V/m; Power Drift = 0.06 dB

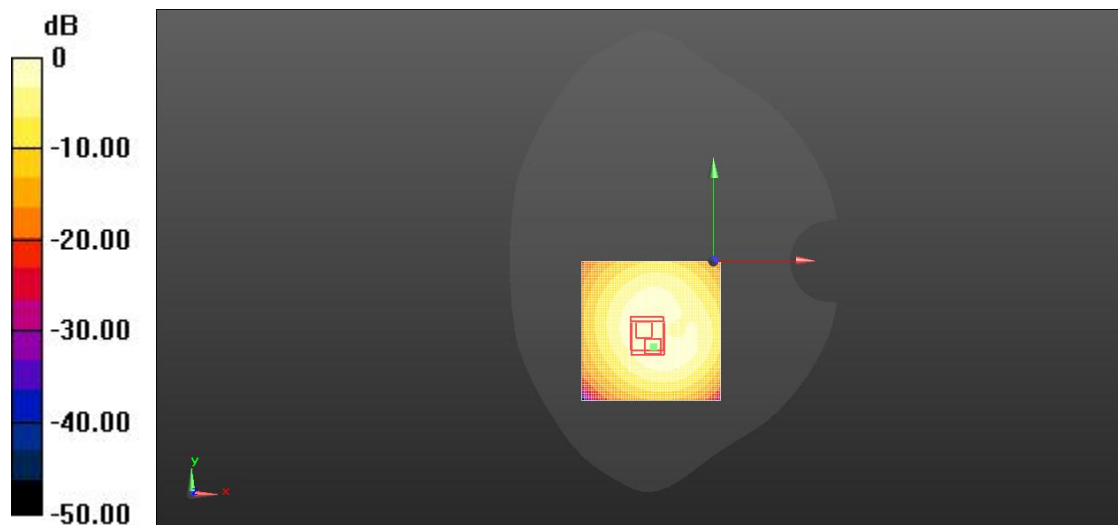
Peak SAR (extrapolated) = 0.743 W/kg

SAR(1 g) = 0.424 W/kg; SAR(10 g) = 0.249 W/kg

Smallest distance from peaks to all points 3 dB below = 15.2 mm

Ratio of SAR at M2 to SAR at M1 = 63.6%

Maximum value of SAR (measured) = 0.464 W/kg



0 dB = 0.467 W/kg = -3.31 dBW/kg

LTE Band12 (10MHz) Body Facedown Mid 0mm

Communication System: UID 0, LTE-FDD(CE); Communication System Band: Band12(10MHz); Frequency: 707.5

MHz; Communication System PAR: 0 dB; PMF: 1

Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.858$ S/m; $\epsilon_r = 42.446$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(10.48, 10.48, 10.48) @ 707.5 MHz; Calibrated: 11/6/2020
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 11/17/2020
- Phantom: SAM3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Facedown Mid 0mm/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 2.885 V/m; Power Drift = -0.09 dB

Fast SAR: SAR(1 g) = 0.323 W/kg; SAR(10 g) = 0.204 W/kg

Maximum value of SAR (interpolated) = 0.367 W/kg

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

Reference Value = 2.885 V/m; Power Drift = -0.09 dB

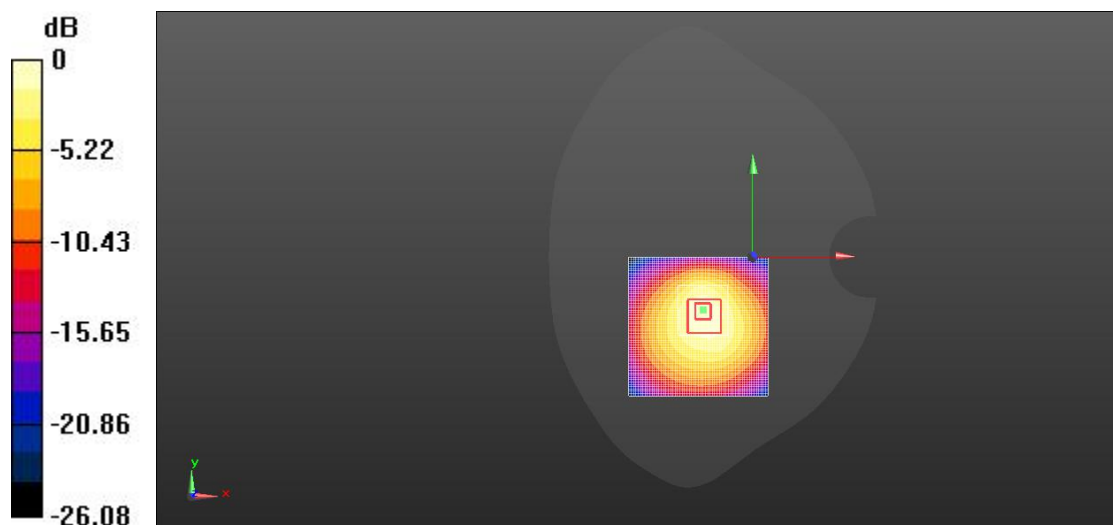
Peak SAR (extrapolated) = 0.513 W/kg

SAR(1 g) = 0.313 W/kg; SAR(10 g) = 0.189 W/kg

Smallest distance from peaks to all points 3 dB below = 15.8 mm

Ratio of SAR at M2 to SAR at M1 = 62.4%

Maximum value of SAR (measured) = 0.349 W/kg



0 dB = 0.367 W/kg = -4.36 dBW/kg

LTE Band12 (10MHz) Body Faceup Mid 10mm

Communication System: UID 0, LTE-FDD(CE); Communication System Band: Band12(10MHz); Frequency: 707.5

MHz; Communication System PAR: 0 dB; PMF: 1

Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.858$ S/m; $\epsilon_r = 42.446$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(10.48, 10.48, 10.48) @ 707.5 MHz; Calibrated: 11/6/2020
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 11/17/2020
- Phantom: SAM3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Faceup Mid 10mm/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 4.993 V/m; Power Drift = 0.16 dB

Fast SAR: SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.090 W/kg

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

Body/Faceup Mid 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.993 V/m; Power Drift = 0.16 dB

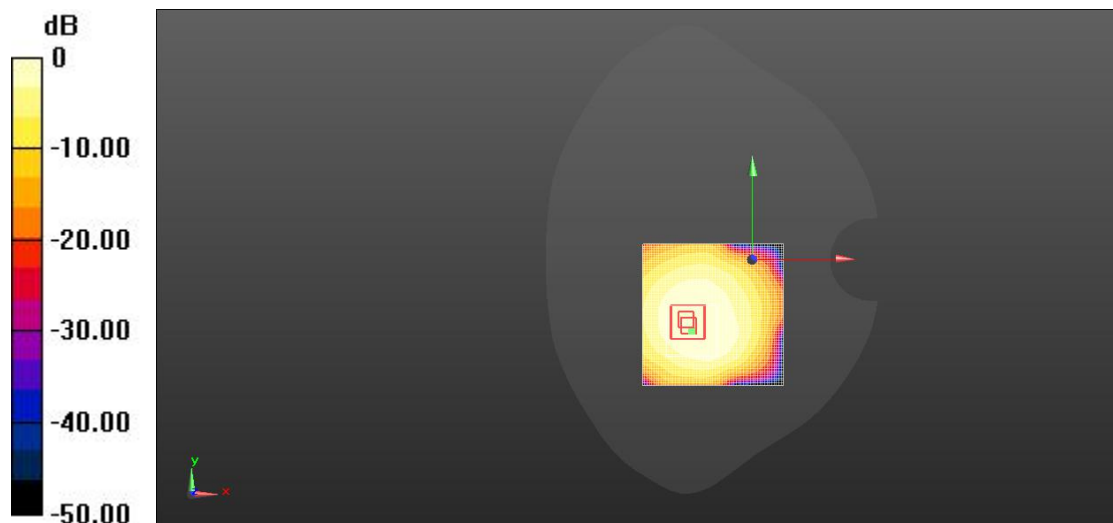
Peak SAR (extrapolated) = 0.223 W/kg

SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.081 W/kg

Smallest distance from peaks to all points 3 dB below = 28.8 mm

Ratio of SAR at M2 to SAR at M1 = 64.5%

Maximum value of SAR (measured) = 0.140 W/kg



LTE Band13(10MHz) Body Facedown Mid 0mm

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Communication System Band: Band 13, E-UTRA/FDD (777.0 - 787.0 MHz); Frequency: 782 MHz; Communication System PAR: 5.724 dB; PMF: 1.13894

Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.926$ S/m; $\epsilon_r = 41.412$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(10.48, 10.48, 10.48) @ 782 MHz; Calibrated: 11/6/2020
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 11/17/2020
- Phantom: SAM3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Facedown Mid 0mm/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 1.649 V/m; Power Drift = 0.03 dB

Fast SAR: SAR(1 g) = 0.215 W/kg; SAR(10 g) = 0.137 W/kg

Maximum value of SAR (interpolated) = 0.244 W/kg

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

Reference Value = 1.649 V/m; Power Drift = 0.03 dB

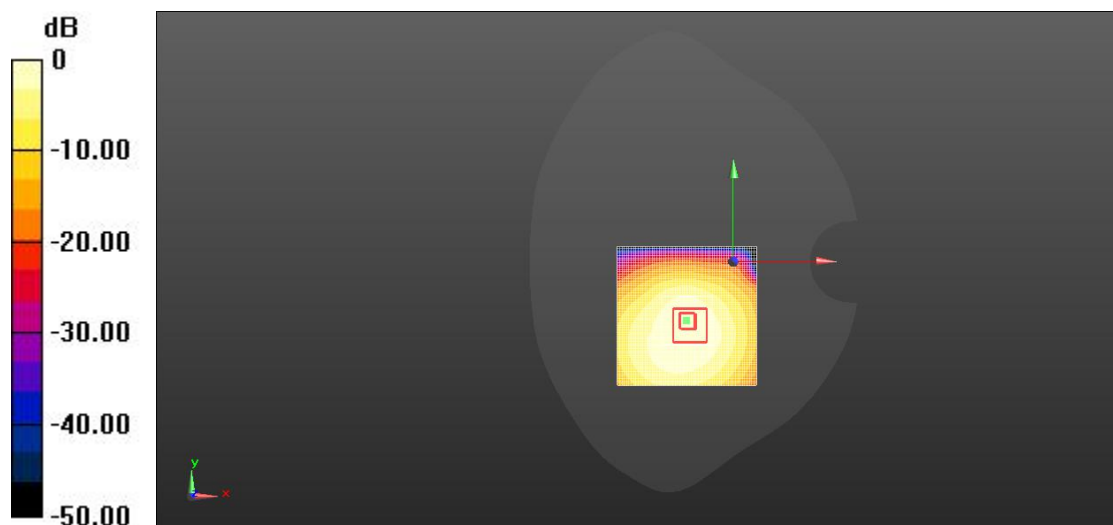
Peak SAR (extrapolated) = 0.325 W/kg

SAR(1 g) = 0.212 W/kg; SAR(10 g) = 0.134 W/kg

Smallest distance from peaks to all points 3 dB below = 15.8 mm

Ratio of SAR at M2 to SAR at M1 = 66.3%

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



0 dB = 0.244 W/kg = -6.13 dBW/kg

LTE Band13(10MHz) Body Faceup Mid 10mm

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Communication System Band: Band 13, E-UTRA/FDD (777.0 - 787.0 MHz); Frequency: 782 MHz; Communication System PAR: 5.724 dB; PMF: 1.13894

Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.926$ S/m; $\epsilon_r = 41.412$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(10.48, 10.48, 10.48) @ 782 MHz; Calibrated: 11/6/2020
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 11/17/2020
- Phantom: SAM3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Faceup Mid 10mm/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 3.305 V/m; Power Drift = 0.09 dB

Fast SAR: SAR(1 g) = 0.115 W/kg; SAR(10 g) = 0.074 W/kg

Maximum value of SAR (interpolated) = 0.127 W/kg

Body/Faceup Mid 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.305 V/m; Power Drift = 0.09 dB

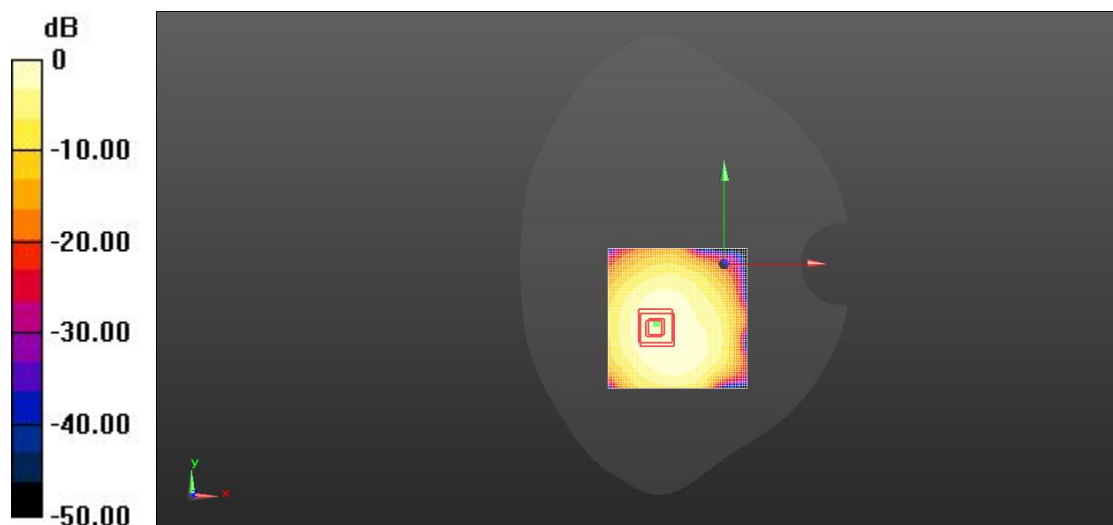
Peak SAR (extrapolated) = 0.194 W/kg

SAR(1 g) = 0.119 W/kg; SAR(10 g) = 0.071 W/kg

Smallest distance from peaks to all points 3 dB below = 14.5 mm

Ratio of SAR at M2 to SAR at M1 = 63.2%

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



0 dB = 0.127 W/kg = -8.96 dBW/kg

LTE Band25 Body Facedown Mid 0mm

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Communication System Band: Band 25, E-UTRA/FDD (1850.0 - 1915.0 MHz); Frequency: 1882.5 MHz; Communication System PAR: 5.727 dB; PMF: 1.13894

Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.45$ S/m; $\epsilon_r = 39.741$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(8.59, 8.59, 8.59) @ 1882.5 MHz; Calibrated: 11/6/2020
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 11/17/2020
- Phantom: SAM3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Facedown Mid/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 6.662 V/m; Power Drift = 0.01 dB

Fast SAR: SAR(1 g) = 1.34 W/kg; SAR(10 g) = 0.759 W/kg

Maximum value of SAR (interpolated) = 1.49 W/kg

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

Reference Value = 6.662 V/m; Power Drift = 0.01 dB

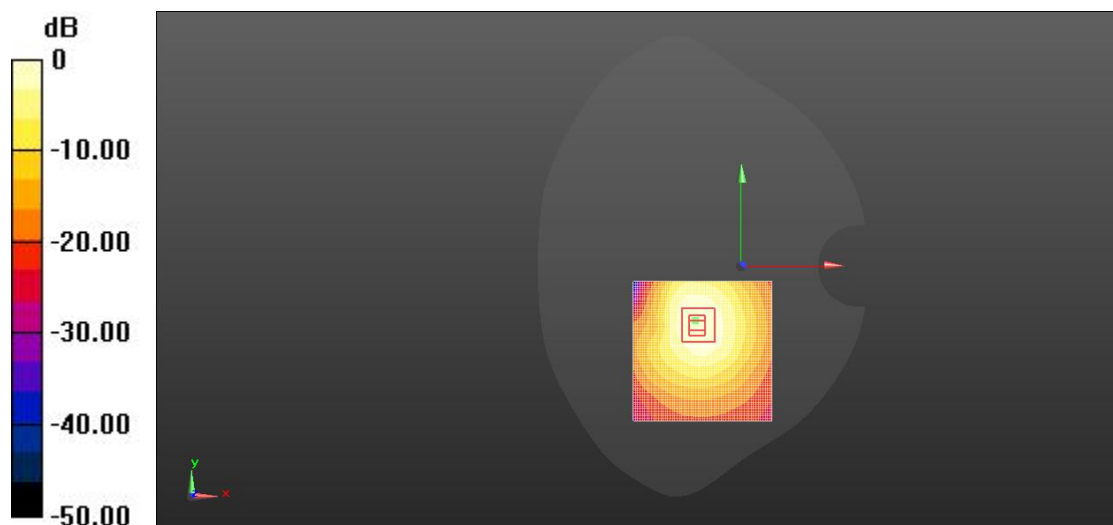
Peak SAR (extrapolated) = 2.16 W/kg

SAR(1 g) = 1.27 W/kg; SAR(10 g) = 0.729 W/kg

Smallest distance from peaks to all points 3 dB below = 12.9 mm

Ratio of SAR at M2 to SAR at M1 = 58.3%

Maximum value of SAR (measured) = 1.37 W/kg



0 dB = 1.49 W/kg = 1.72 dBW/kg

LTE Band25 Body Faceup Mid 10mm

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Communication System Band: Band 25, E-UTRA/FDD (1850.0 - 1915.0 MHz); Frequency: 1882.5 MHz; Communication System PAR: 5.727 dB; PMF: 1.13894

Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.45$ S/m; $\epsilon_r = 39.741$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(8.59, 8.59, 8.59) @ 1882.5 MHz; Calibrated: 11/6/2020
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 11/17/2020
- Phantom: SAM3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Faceup Mid 10mm/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 7.681 V/m; Power Drift = 0.06 dB

Fast SAR: SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.596 W/kg

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

Body/Faceup Mid 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.681 V/m; Power Drift = 0.06 dB

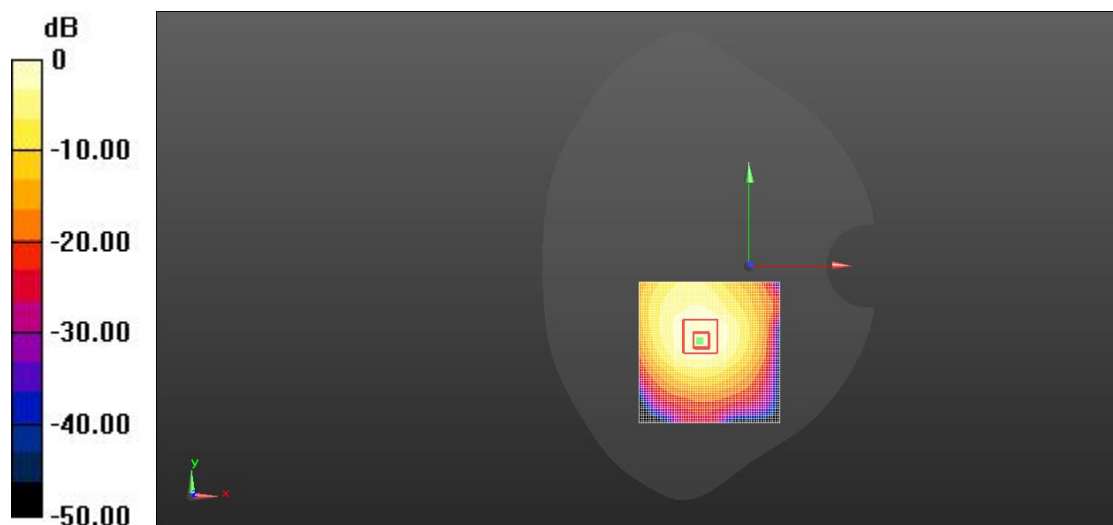
Peak SAR (extrapolated) = 2.06 W/kg

SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.640 W/kg

Smallest distance from peaks to all points 3 dB below = 12.2 mm

Ratio of SAR at M2 to SAR at M1 = 57.6%

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



0 dB = 1.20 W/kg = 0.79 dBW/kg

LTE Band26(15MHz) Body Facedown Mid 0mm

Communication System: UID 10181 - CAE, LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK); Communication System Band: Band 26 E-UTRA/FDD (814.0 - 849.0 MHz); Frequency: 831.5 MHz; Communication System PAR: 5.725 dB; PMF: 1.13894

Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.887$ S/m; $\epsilon_r = 41.542$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(10.21, 10.21, 10.21) @ 831.5 MHz; Calibrated: 11/6/2020
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 11/17/2020
- Phantom: SAM3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Facedown Mid/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 3.624 V/m; Power Drift = 0.13 dB

Fast SAR: SAR(1 g) = 0.575 W/kg; SAR(10 g) = 0.374 W/kg

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

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

Reference Value = 3.624 V/m; Power Drift = 0.13 dB

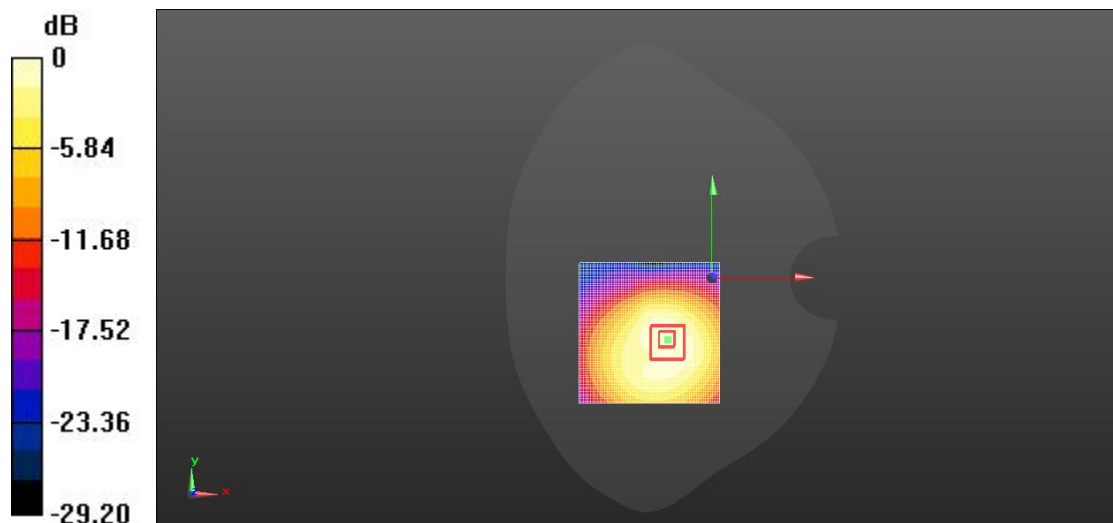
Peak SAR (extrapolated) = 0.882 W/kg

SAR(1 g) = 0.573 W/kg; SAR(10 g) = 0.358 W/kg

Smallest distance from peaks to all points 3 dB below = 17 mm

Ratio of SAR at M2 to SAR at M1 = 67.1%

Maximum value of SAR (measured) = 0.621 W/kg



0 dB = 0.641 W/kg = -1.93 dBW/kg

LTE Band26(15MHz) Body Faceup Mid 10mm

Communication System: UID 10181 - CAE, LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK); Communication System Band: Band 26 E-UTRA/FDD (814.0 - 849.0 MHz); Frequency: 831.5 MHz; Communication System PAR: 5.725 dB; PMF: 1.13894

Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.887$ S/m; $\epsilon_r = 41.542$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(10.21, 10.21, 10.21) @ 831.5 MHz; Calibrated: 11/6/2020
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 11/17/2020
- Phantom: SAM3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Faceup Mid 10mm/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 6.463 V/m; Power Drift = -0.17 dB

Fast SAR: SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.178 W/kg

Maximum value of SAR (interpolated) = 0.292 W/kg

Body/Faceup Mid 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.463 V/m; Power Drift = -0.17 dB

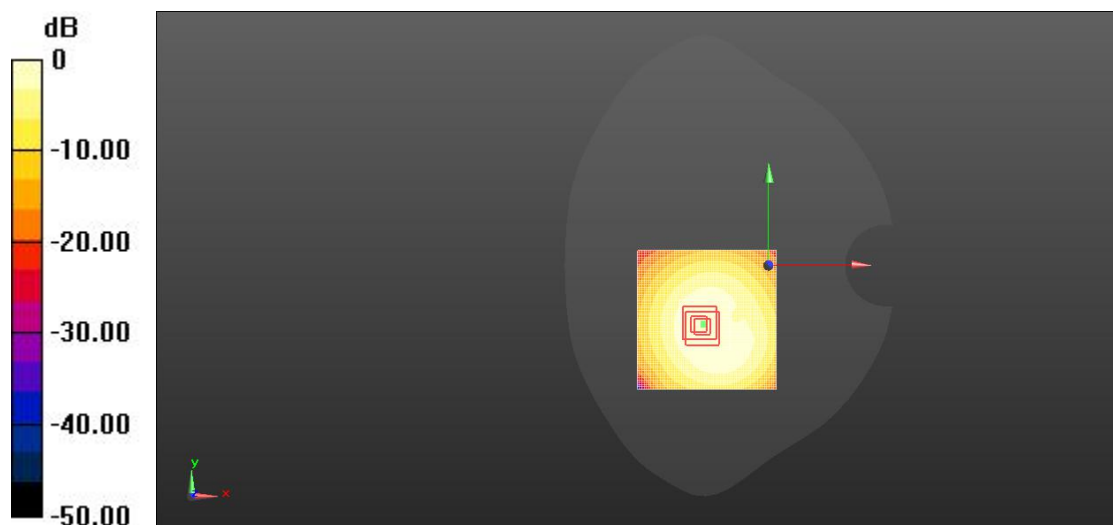
Peak SAR (extrapolated) = 0.457 W/kg

SAR(1 g) = 0.282 W/kg; SAR(10 g) = 0.171 W/kg

Smallest distance from peaks to all points 3 dB below = 17 mm

Ratio of SAR at M2 to SAR at M1 = 65.6%

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



0 dB = 0.292 W/kg = -5.34 dBW/kg

LTE Band41 Body Facedown Mid 0mm

Communication System: UID 0, LTE-TDD; Communication System Band: Band41(20MHz); Frequency: 2593 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005

Medium parameters used: $f = 2600$ MHz; $\sigma = 1.97$ S/m; $\epsilon_r = 39.11$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(7.86, 7.86, 7.86) @ 2593 MHz; Calibrated: 11/6/2020
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 11/17/2020
- Phantom: SAM3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Facedown Mid/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 1.956 V/m; Power Drift = -0.01 dB

Fast SAR: SAR(1 g) = 0.687 W/kg; SAR(10 g) = 0.300 W/kg

Maximum value of SAR (interpolated) = 0.871 W/kg

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

Reference Value = 1.956 V/m; Power Drift = -0.01 dB

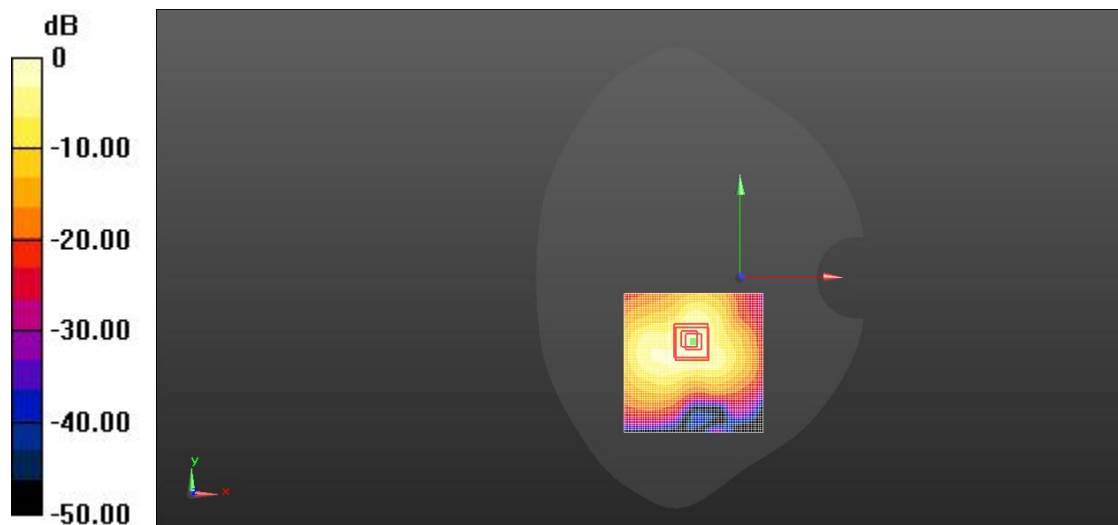
Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.713 W/kg; SAR(10 g) = 0.310 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 53%

Maximum value of SAR (measured) = 0.761 W/kg



0 dB = 0.871 W/kg = -0.60 dBW/kg

LTE Band41 Body Faceup High 10mm

Communication System: UID 0, LTE-TDD; Communication System Band: Band41(20MHz); Frequency: 2680 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005

Medium parameters used: $f = 2600$ MHz; $\sigma = 1.97$ S/m; $\epsilon_r = 39.11$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(7.86, 7.86, 7.86) @ 2680 MHz; Calibrated: 11/6/2020
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 11/17/2020
- Phantom: SAM3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Faceup High 10mm/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 2.088 V/m; Power Drift = 0.07 dB

Fast SAR: SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.469 W/kg

Maximum value of SAR (interpolated) = 1.53 W/kg

Body/Faceup High 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.088 V/m; Power Drift = 0.07 dB

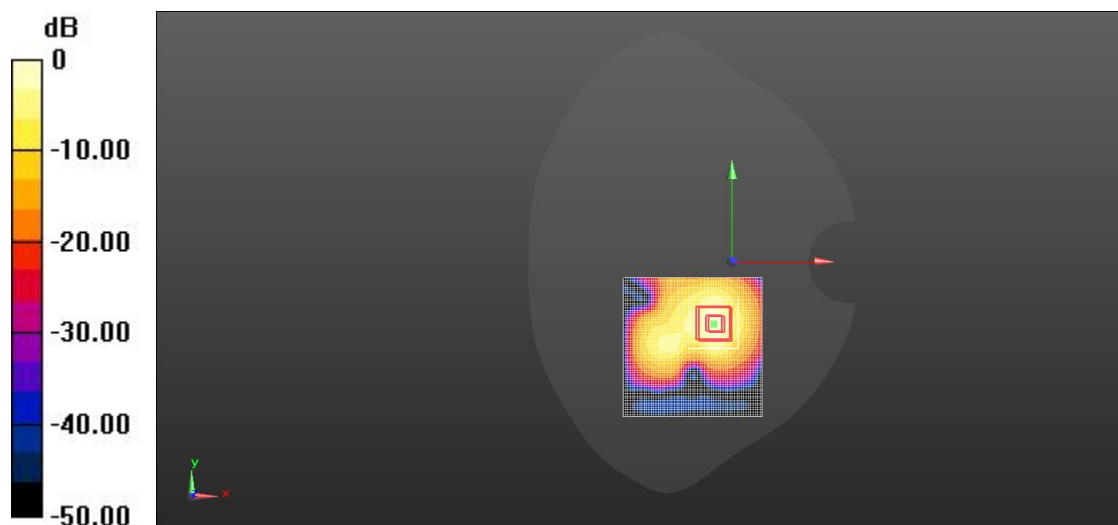
Peak SAR (extrapolated) = 3.08 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.471 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 41%

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



0 dB = 1.53 W/kg = 1.83 dBW/kg

LTE Band66 Body Facedown Mid 0mm

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Communication System Band: Band 66, E-UTRA/FDD (1710.0 - 1780.0 MHz); Frequency: 1745 MHz; Communication System PAR: 5.727 dB; PMF: 1.13894

Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.375$ S/m; $\epsilon_r = 40.053$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(8.82, 8.82, 8.82) @ 1745 MHz; Calibrated: 11/6/2020
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 11/17/2020
- Phantom: SAM3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Facedown Mid/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 6.768 V/m; Power Drift = 0.17 dB

Fast SAR: SAR(1 g) = 0.925 W/kg; SAR(10 g) = 0.540 W/kg

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

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

Reference Value = 6.768 V/m; Power Drift = 0.17 dB

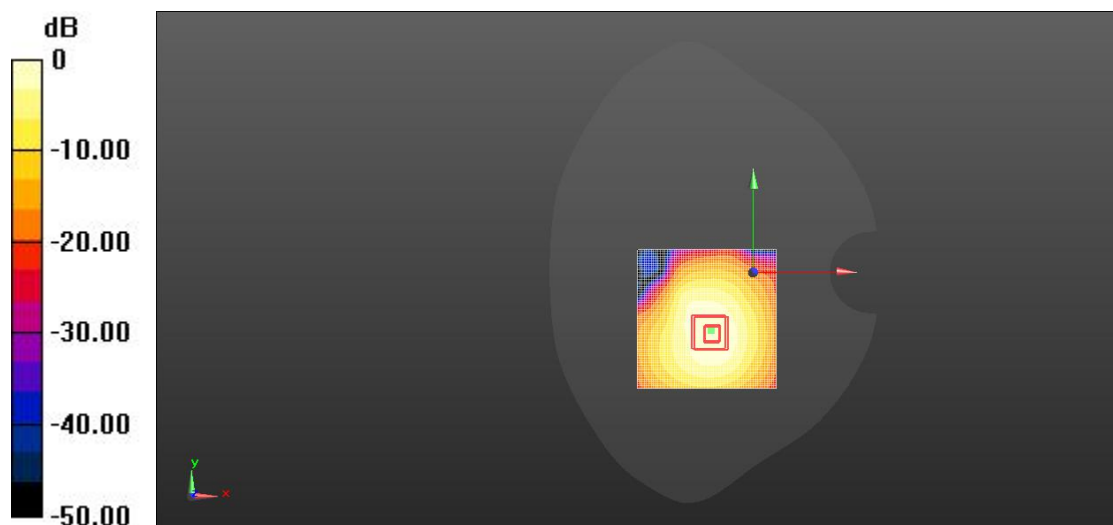
Peak SAR (extrapolated) = 1.56 W/kg

SAR(1 g) = 0.943 W/kg; SAR(10 g) = 0.566 W/kg

Smallest distance from peaks to all points 3 dB below = 16.3 mm

Ratio of SAR at M2 to SAR at M1 = 63.7%

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



0 dB = 1.04 W/kg = 0.17 dBW/kg

LTE Band66 Body Faceup Mid 10mm

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Communication System Band: Band 66, E-UTRA/FDD (1710.0 - 1780.0 MHz); Frequency: 1745 MHz; Communication System PAR: 5.727 dB; PMF: 1.13894

Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.375$ S/m; $\epsilon_r = 40.053$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(8.82, 8.82, 8.82) @ 1745 MHz; Calibrated: 11/6/2020
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 11/17/2020
- Phantom: SAM3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Faceup Mid 10mm/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 7.969 V/m; Power Drift = 0.09 dB

Fast SAR: SAR(1 g) = 0.985 W/kg; SAR(10 g) = 0.556 W/kg

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

Body/Faceup Mid 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.969 V/m; Power Drift = 0.09 dB

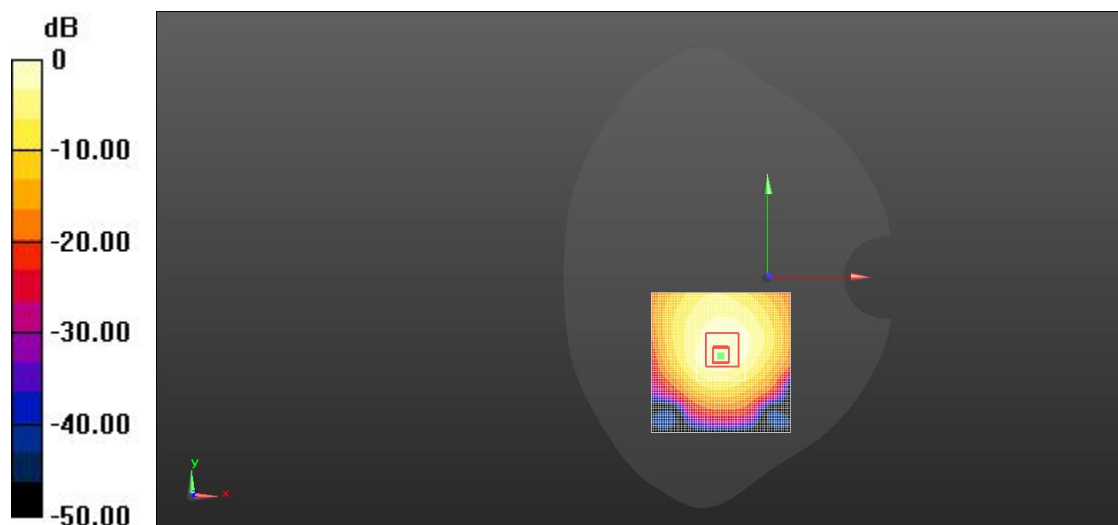
Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.597 W/kg

Smallest distance from peaks to all points 3 dB below = 11.6 mm

Ratio of SAR at M2 to SAR at M1 = 59.7%

Maximum value of SAR (measured) = 1.22 W/kg



0 dB = 1.17 W/kg = 0.69 dBW/kg

LTE Band71 Body Facedown Mid 0mm

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Communication System Band: Band 71, E-UTRA/FDD (663.0 - 698.0 MHz); Frequency: 680.5 MHz; Communication System PAR: 5.727 dB; PMF: 1.13894

Medium parameters used (extrapolated): $f = 680.5$ MHz; $\sigma = 0.83$ S/m; $\epsilon_r = 42.819$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(10.48, 10.48, 10.48) @ 680.5 MHz; Calibrated: 11/6/2020
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 11/17/2020
- Phantom: SAM3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Facedown Mid/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 2.385 V/m; Power Drift = 0.04 dB

Fast SAR: SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.123 W/kg

Maximum value of SAR (interpolated) = 0.216 W/kg

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

Reference Value = 2.385 V/m; Power Drift = 0.04 dB

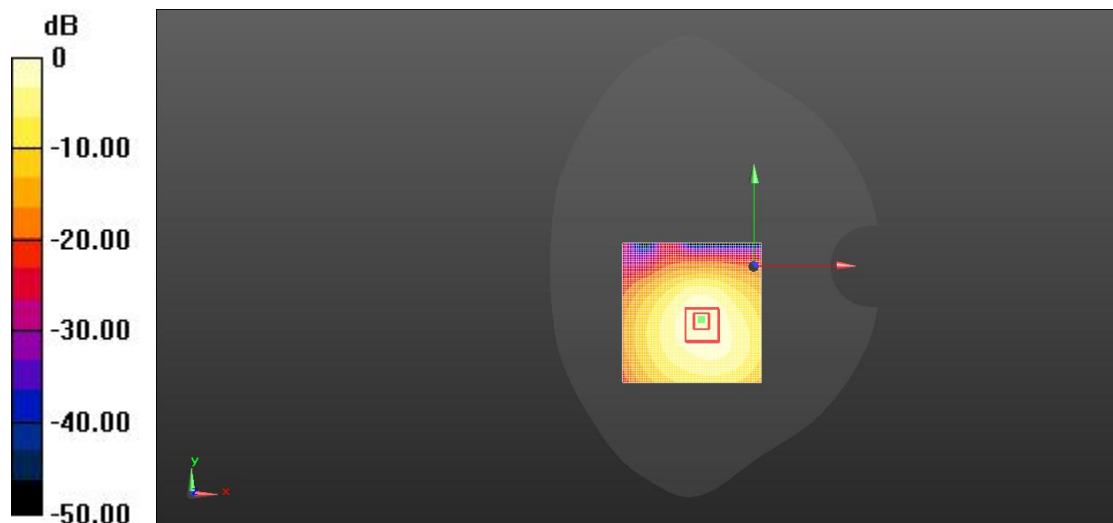
Peak SAR (extrapolated) = 0.330 W/kg

SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.115 W/kg

Smallest distance from peaks to all points 3 dB below = 15.2 mm

Ratio of SAR at M2 to SAR at M1 = 59.9%

Maximum value of SAR (measured) = 0.215 W/kg



0 dB = 0.216 W/kg = -6.66 dBW/kg

LTE Band71 Body Faceup Mid 10mm

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Communication System Band: Band 71, E-UTRA/FDD (663.0 - 698.0 MHz); Frequency: 680.5 MHz; Communication System PAR: 5.727 dB; PMF: 1.13894

Medium parameters used (extrapolated): $f = 680.5$ MHz; $\sigma = 0.83$ S/m; $\epsilon_r = 42.819$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(10.48, 10.48, 10.48) @ 680.5 MHz; Calibrated: 11/6/2020
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 11/17/2020
- Phantom: SAM3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Faceup Mid 10mm/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 4.559 V/m; Power Drift = 0.04 dB

Fast SAR: SAR(1 g) = 0.093 W/kg; SAR(10 g) = 0.062 W/kg

Maximum value of SAR (interpolated) = 0.104 W/kg

Body/Faceup Mid 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.559 V/m; Power Drift = 0.04 dB

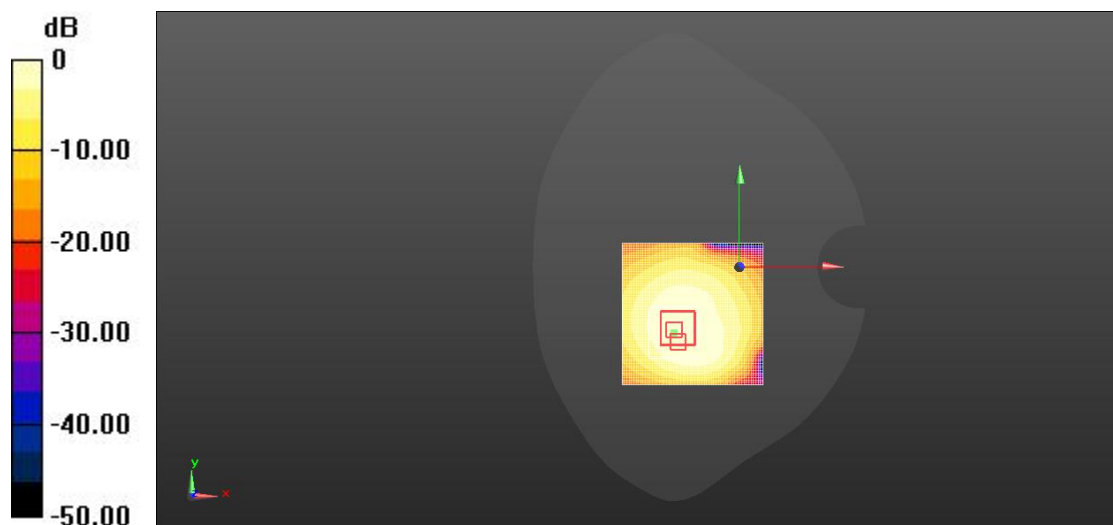
Peak SAR (extrapolated) = 0.156 W/kg

SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.058 W/kg

Smallest distance from peaks to all points 3 dB below = 12.5 mm

Ratio of SAR at M2 to SAR at M1 = 66%

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



0 dB = 0.104 W/kg = -9.83 dBW/kg

BLE Body Facedown Mid

Communication System: UID 10670 - AAA, Bluetooth Low Energy; Communication System Band: ISM 2.4 GHz Band (2400.0 - 2483.5 MHz); Frequency: 2441 MHz; Communication System PAR: 2.192 dB; PMF: 1.2844

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.89$ S/m; $\epsilon_r = 38$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(8.07, 8.07, 8.07) @ 2441 MHz; Calibrated: 11/6/2020
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 11/17/2020
- Phantom: SAM3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Facedown Mid/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 2.522 V/m; Power Drift = 0.05 dB

Fast SAR: SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.035 W/kg

Maximum value of SAR (interpolated) = 0.104 W/kg

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

Reference Value = 2.522 V/m; Power Drift = 0.05 dB

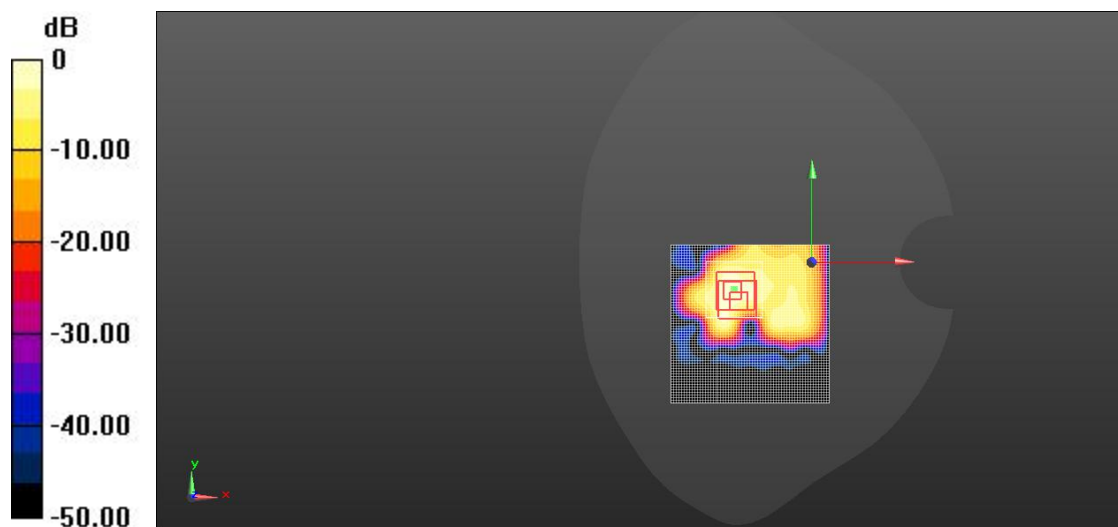
Peak SAR (extrapolated) = 0.124 W/kg

SAR(1 g) = 0.07 W/kg; SAR(10 g) = 0.023 W/kg

Smallest distance from peaks to all points 3 dB below = 7.5 mm

Ratio of SAR at M2 to SAR at M1 = 46%

Maximum value of SAR (measured) = 0.0796 W/kg



0 dB = 0.104 W/kg = -9.83 dBW/kg

BLE Body Faceup Mid

Communication System: UID 10670 - AAA, Bluetooth Low Energy; Communication System Band: ISM 2.4 GHz Band (2400.0 - 2483.5 MHz); Frequency: 2441 MHz; Communication System PAR: 2.192 dB; PMF: 1.2844

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.89$ S/m; $\epsilon_r = 38$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(8.07, 8.07, 8.07) @ 2441 MHz; Calibrated: 11/6/2020
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 11/17/2020
- Phantom: SAM3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Faceup Mid/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 1.342 V/m; Power Drift = -0.06 dB

Fast SAR: SAR(1 g) = 0.047 W/kg; SAR(10 g) = 0.00163 W/kg

Maximum value of SAR (interpolated) = 0.0504 W/kg

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

Reference Value = 1.342 V/m; Power Drift = -0.06 dB

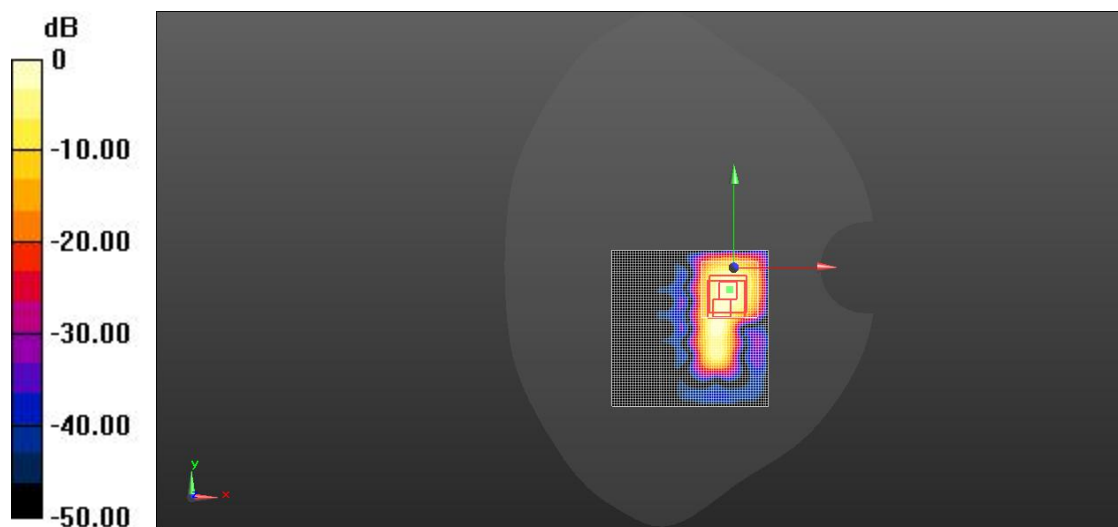
Peak SAR (extrapolated) = 0.0410 W/kg

SAR(1 g) = 0.040 W/kg; SAR(10 g) = 0.00116 W/kg

Smallest distance from peaks to all points 3 dB below = 9.7 mm

Ratio of SAR at M2 to SAR at M1 = 39.6%

Maximum value of SAR (measured) = 0.0450 W/kg



0 dB = 0.0504 W/kg = -16.91 dBW/kg