

Appendix B. MEASUREMENT SCANS

GSM850 Head Right Cheek Low

Communication System: UID 10001, Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 824.2 MHz; Communication System PAR: 9.191 dB; PMF: 2.88104

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.88$ S/m; $\epsilon_r = 41.628$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASy6 (IEEE/IEC/ANSI C63.19-2007)

DASy Configuration:

- Probe: EX3DV4 - SN7623; ConvF(9.9, 9.9, 9.9) @ 824.2 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA; Serial: 2025
- DASy52 52.10.4(1527); SEMCAD X 14.6.14(7483)

GSM 850_Right Cheek/Low/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 3.436 V/m; Power Drift = 0.11 dB

Fast SAR: SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.105 W/kg

Maximum value of SAR (interpolated) = 0.175 W/kg

GSM 850_Right Cheek/Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.436 V/m; Power Drift = 0.11 dB

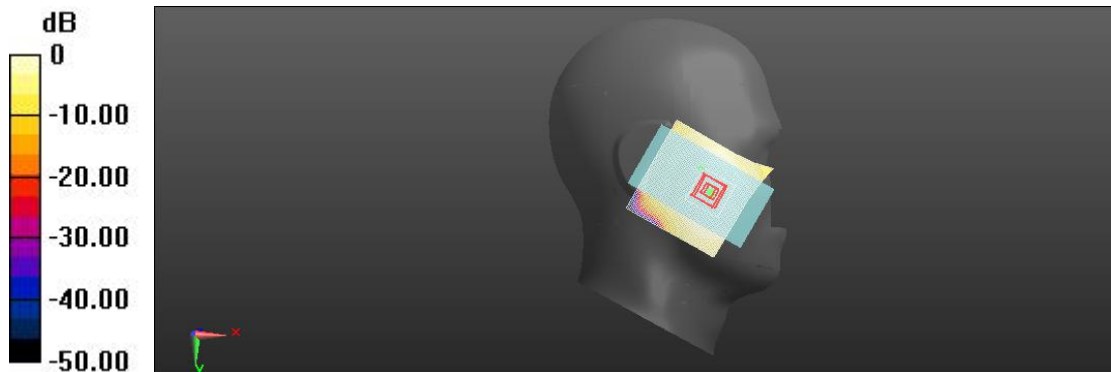
Peak SAR (extrapolated) = 0.284 W/kg

SAR(1 g) = 0.177 W/kg; SAR(10 g) = 0.118 W/kg

Smallest distance from peaks to all points 3 dB below = 10.2 mm

Ratio of SAR at M2 to SAR at M1 = 82.5%

Maximum value of SAR (measured) = 0.187 W/kg



0 dB = 0.175 W/kg = -7.14 dBW/kg

GSM850 Body Facedown Mid 10mm

Communication System: UID 10001, Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 836.6 MHz; Communication System PAR: 9.191 dB; PMF: 2.88104
 Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.88$ S/m; $\epsilon_r = 41.628$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASYS6 (IEEE/IEC/ANSI C63.19-2007)
 DASYS Configuration:

- Probe: EX3DV4 - SN7623; ConvF(9.9, 9.9, 9.9) @ 836.6 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

GSM 850_Front/Facedown Mid 10mm/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 13.88 V/m; Power Drift = 0.06 dB

Fast SAR: SAR(1 g) = 0.304 W/kg; SAR(10 g) = 0.198 W/kg

Maximum value of SAR (interpolated) = 0.334 W/kg

GSM 850_Front/Facedown Mid 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.88 V/m; Power Drift = 0.06 dB

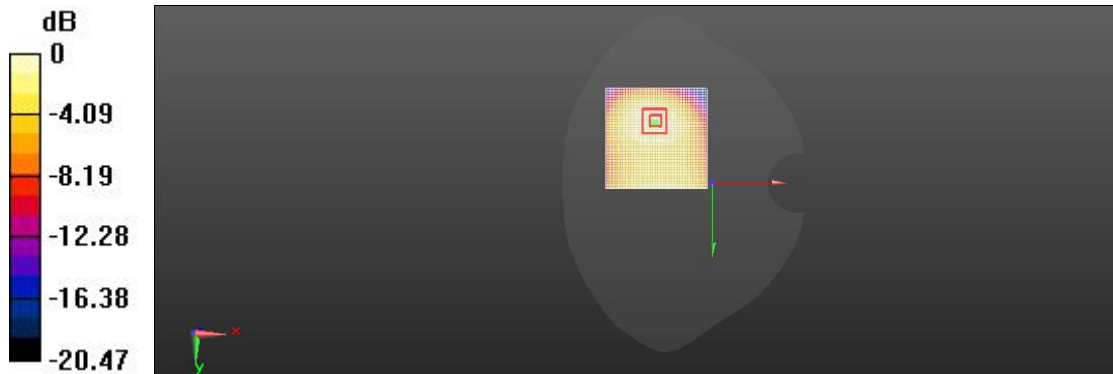
Peak SAR (extrapolated) = 0.611 W/kg

SAR(1 g) = 0.307 W/kg; SAR(10 g) = 0.186 W/kg

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

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

Maximum value of SAR (measured) = 0.327 W/kg



0 dB = 0.334 W/kg = -4.76 dBW/kg

GSM850 Body Facedown Low 15mm

Communication System: UID 10001, Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 824.2 MHz; Communication System PAR: 9.191 dB; PMF: 2.88104

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.88$ S/m; $\epsilon_r = 41.628$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY6 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(9.9, 9.9, 9.9) @ 824.2 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA; Serial: 2025
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

GSM 850_Front/Facedown Low 15mm/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 12.71 V/m; Power Drift = 0.09 dB

Fast SAR: SAR(1 g) = 0.220 W/kg; SAR(10 g) = 0.155 W/kg

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

GSM 850_Front/Facedown Low 15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.71 V/m; Power Drift = 0.09 dB

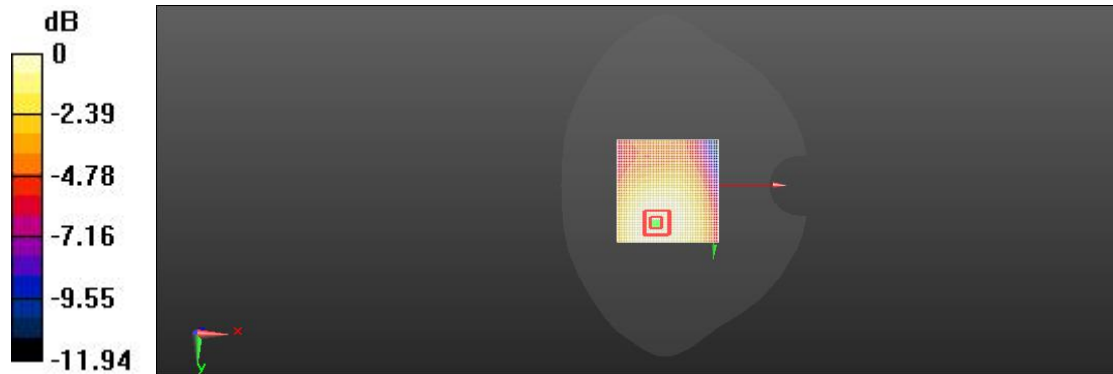
Peak SAR (extrapolated) = 0.431 W/kg

SAR(1 g) = 0.221 W/kg; SAR(10 g) = 0.168 W/kg

Smallest distance from peaks to all points 3 dB below = 10.4 mm

Ratio of SAR at M2 to SAR at M1 = 76.7%

Maximum value of SAR (measured) = 0.233 W/kg



0 dB = 0.232 W/kg = -6.34 dBW/kg

GSM1900 Head Left Cheek Mid

Communication System: UID 0, Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Communication System PAR: 9.191 dB; PMF: 2.88104
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.45$ S/m; $\epsilon_r = 39.74$; $\rho = 1000$ kg/m³
Phantom section: Left Section
Measurement Standard: DASYS6 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(8.28, 8.28, 8.28) @ 1880 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

1900_Left GSM Head/1900 GSM Cheek-Mid/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 0.6770 V/m; Power Drift = 0.10 dB

Fast SAR: SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.028 W/kg

Maximum value of SAR (interpolated) = 0.071 W/kg

1900_Left GSM Head/1900 GSM Cheek-Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 0.6770 V/m; Power Drift = 0.10 dB

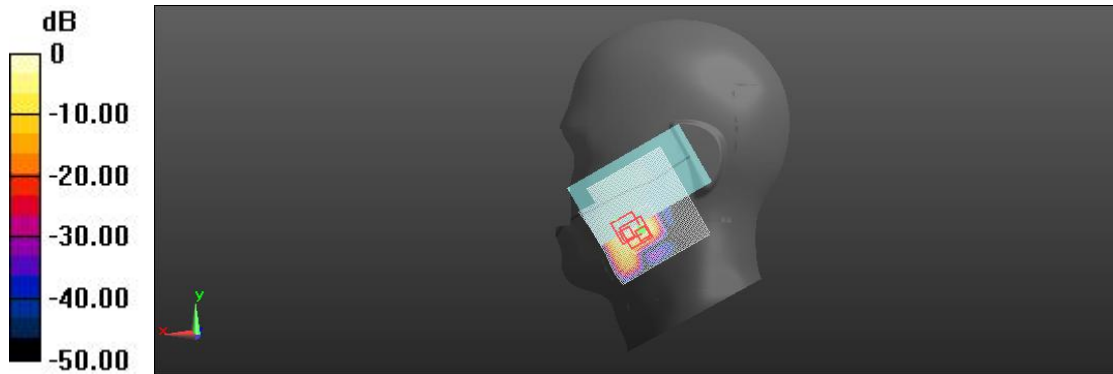
Peak SAR (extrapolated) = 0.104 W/kg

SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.024 W/kg

Smallest distance from peaks to all points 3 dB below = 9.1 mm

Ratio of SAR at M2 to SAR at M1 = 61.8%

Maximum value of SAR (measured) = 0.066 W/kg



0 dB = 0.071 W/kg = -10.47 dBW/kg

GSM1900 Body Bottom Low 10mm

Communication System: UID 10001, Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz; Communication System PAR: 9.191 dB; PMF: 2.88104

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.42$ S/m; $\epsilon_r = 39.87$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY6 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(8.28, 8.28, 8.28) @ 1850.2 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA; Serial: 2025
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

1900_GSM1900/Gsm1900 Bottom Low/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 19.85 V/m; Power Drift = -0.02 dB

Fast SAR: SAR(1 g) = 0.501 W/kg; SAR(10 g) = 0.267 W/kg

Maximum value of SAR (interpolated) = 0.569 W/kg

1900_GSM1900/Gsm1900 Bottom Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.85 V/m; Power Drift = -0.02 dB

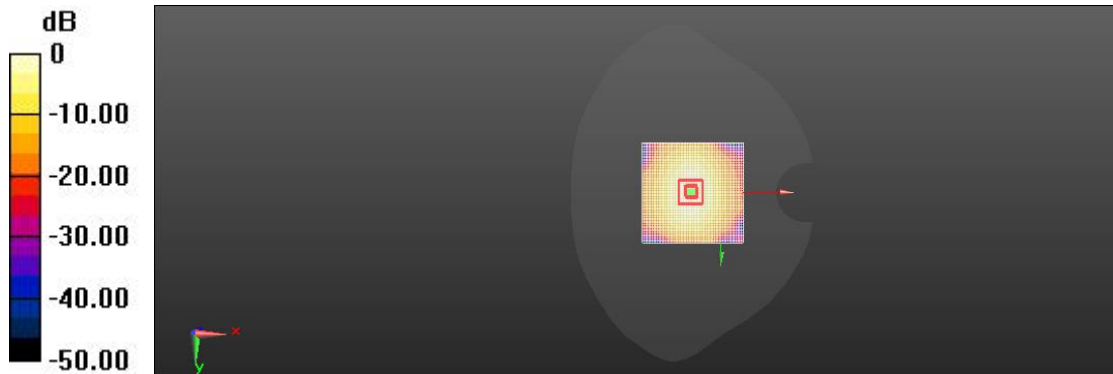
Peak SAR (extrapolated) = 0.852 W/kg

SAR(1 g) = 0.499 W/kg; SAR(10 g) = 0.270 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) = 0.556 W/kg



0 dB = 0.569 W/kg = -2.45 dBW/kg

GSM1900 Body Facedown Mid 15mm

Communication System: UID 0, Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Communication System PAR: 9.191 dB; PMF: 2.88104

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: DASYS6 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(8.28, 8.28, 8.28) @ 1880 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

1900_GSM1900/Gsm1900 Facedown Mid 15mm/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 7.668 V/m; Power Drift = 0.07 dB

Fast SAR: SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.096 W/kg

Maximum value of SAR (interpolated) = 0.178 W/kg

1900_GSM1900/Gsm1900 Facedown Mid 15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.668 V/m; Power Drift = 0.07 dB

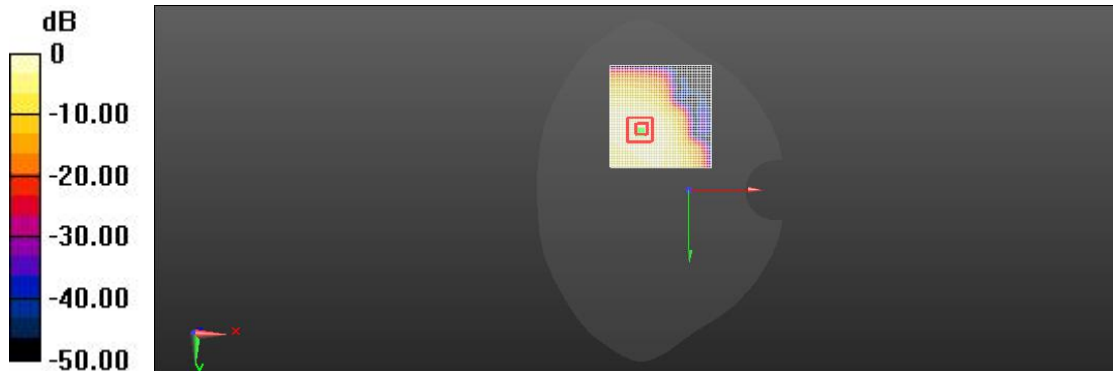
Peak SAR (extrapolated) = 0.281 W/kg

SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.095 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 59.8%

Maximum value of SAR (measured) = 0.179 W/kg



0 dB = 0.178 W/kg = -7.49 dBW/kg

WCDMA Band2 Head Right Cheek Low

Communication System: UID 0, UMTS-FDD; Communication System Band: Band 2, UTRA/FDD (1850.0 - 1910.0 MHz); Frequency: 1852.4 MHz; Communication System PAR: 2.91 dB; PMF: 1.00231

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.422$ S/m; $\epsilon_r = 39.86$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASY6 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(8.28, 8.28, 8.28) @ 1852.4 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA; Serial: 2025
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

UMTS Band 2_ right head cheek/Low/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 1.080 V/m; Power Drift = 0.18 dB

Fast SAR: SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.070 W/kg

Maximum value of SAR (interpolated) = 0.133 W/kg

UMTS Band 2_ right head cheek/Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 1.080 V/m; Power Drift = 0.18 dB

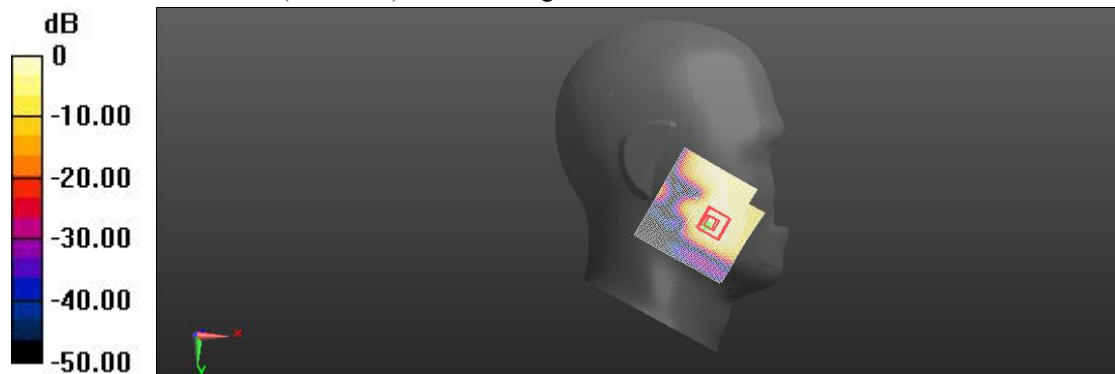
Peak SAR (extrapolated) = 0.206 W/kg

SAR(1 g) = 0.096 W/kg; SAR(10 g) = 0.062 W/kg

Smallest distance from peaks to all points 3 dB below = 10.4 mm

Ratio of SAR at M2 to SAR at M1 = 68.6%

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



0 dB = 0.133 W/kg = -9.41 dBW/kg

WCDMA Band2 Body Bottom Low 10mm

Communication System: UID 0, UMTS-FDD; Communication System Band: Band 2, UTRA/FDD (1850.0 - 1910.0 MHz); Frequency: 1852.4 MHz; Communication System PAR: 2.91 dB; PMF: 1.00231

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.422$ S/m; $\epsilon_r = 39.86$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY6 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(8.28, 8.28, 8.28) @ 1852.4 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA; Serial: 2025
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Reference Value = 12.19 V/m; Power Drift = 0.00 dB

Fast SAR: SAR(1 g) = 0.248 W/kg; SAR(10 g) = 0.126 W/kg

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

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

Reference Value = 12.19 V/m; Power Drift = 0.00 dB

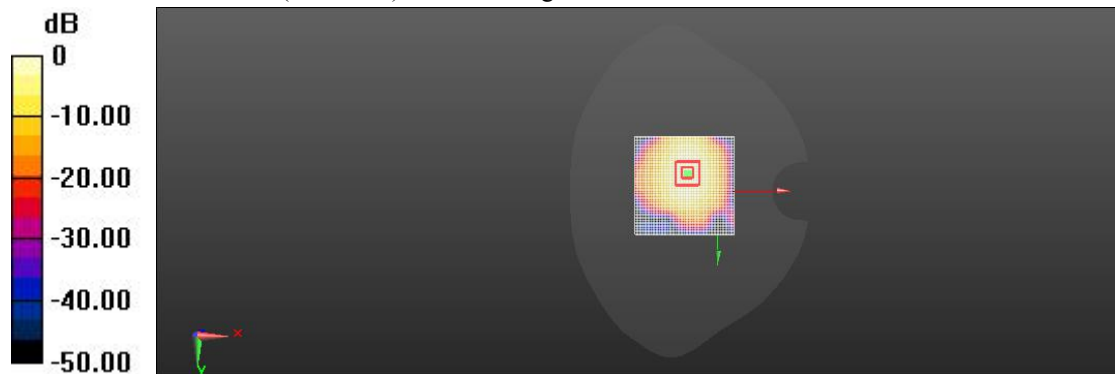
Peak SAR (extrapolated) = 0.521 W/kg

SAR(1 g) = 0.256 W/kg; SAR(10 g) = 0.132 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 59.2%

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



0 dB = 0.260 W/kg = -4.66 dBW/kg

WCDMA Band2 Body Facedown Low 15mm

Communication System: UID 0, UMTS-FDD; Communication System Band: Band 2, UTRA/FDD (1850.0 - 1910.0 MHz); Frequency: 1852.4 MHz; Communication System PAR: 2.91 dB; PMF: 1.00231

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.422$ S/m; $\epsilon_r = 39.86$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY6 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(8.28, 8.28, 8.28) @ 1852.4 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA; Serial: 2025
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

UMTS Band 2_Body Bottom/Facedown Low 15mm/Area Scan (61x61x1): Interpolated grid:

$dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 6.310 V/m; Power Drift = 0.09 dB

Fast SAR: SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.066 W/kg

Maximum value of SAR (interpolated) = 0.129 W/kg

UMTS Band 2_Body Bottom/Facedown Low 15mm/Zoom Scan (5x5x7)/Cube 0: Measurement

grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.310 V/m; Power Drift = 0.09 dB

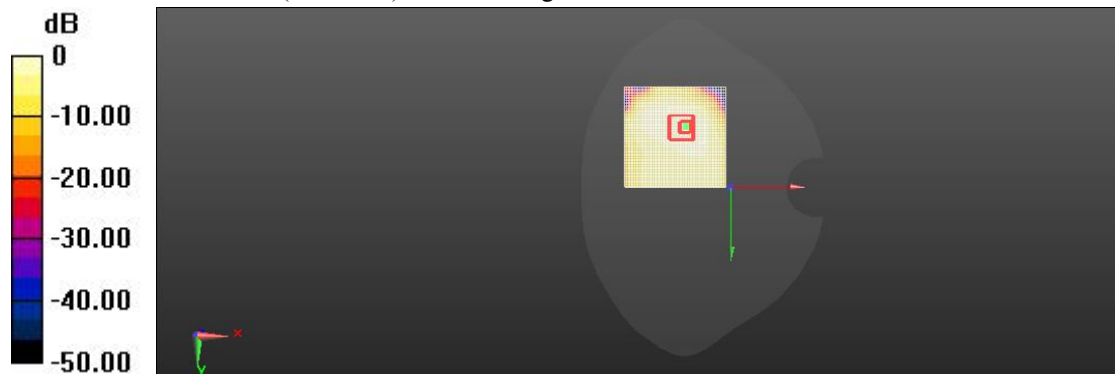
Peak SAR (extrapolated) = 0.192 W/kg

SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.066 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 58.4%

Maximum value of SAR (measured) = 0.125 W/kg



0 dB = 0.129 W/kg = -8.90 dBW/kg

WCDMA Band4 Head Right Cheek Low

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Communication System Band: Band 4, UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1712.4 MHz; Communication System PAR: 2.91 dB; PMF: 1.00231

Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.282$ S/m; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASY6 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(8.5, 8.5, 8.5) @ 1712.4 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA; Serial: 2025
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

UMTS Band 4_Head Right/Cheek Low/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 2.871 V/m; Power Drift = 0.19 dB

Fast SAR: SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.110 W/kg

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

UMTS Band 4_Head Right/Cheek Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.871 V/m; Power Drift = 0.19 dB

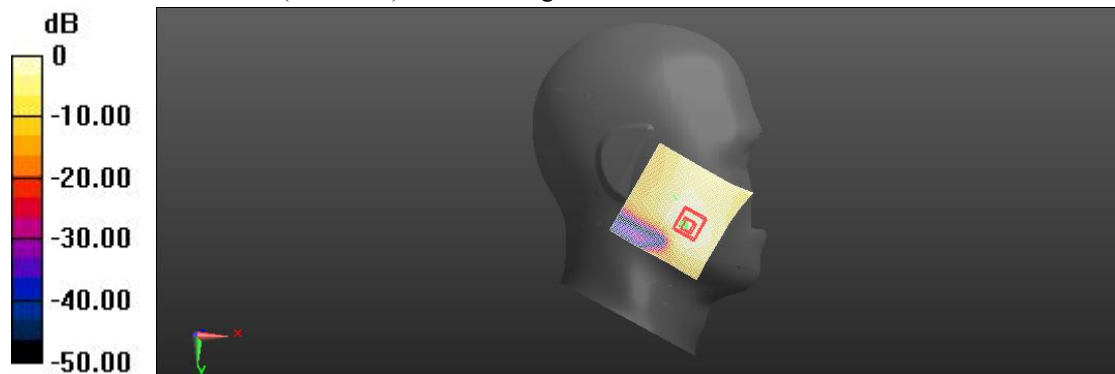
Peak SAR (extrapolated) = 0.438 W/kg

SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.096 W/kg

Smallest distance from peaks to all points 3 dB below = 14.3 mm

Ratio of SAR at M2 to SAR at M1 = 70.3%

Maximum value of SAR (measured) = 0.199 W/kg



0 dB = 0.214 W/kg = -7.71 dBW/kg

WCDMA Band4 Body Bottom Low 10mm

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Communication System Band: Band 4, UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1712.4 MHz; Communication System PAR: 2.91 dB; PMF: 1.00231

Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.282$ S/m; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY6 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(8.5, 8.5, 8.5) @ 1712.4 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA; Serial: 2025
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

UMTS Band 4_ body/Bottom low/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 18.26 V/m; Power Drift = 0.02 dB

Fast SAR: SAR(1 g) = 0.451 W/kg; SAR(10 g) = 0.256 W/kg

Maximum value of SAR (interpolated) = 0.510 W/kg

UMTS Band 4_ body/Bottom low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 18.26 V/m; Power Drift = 0.02 dB

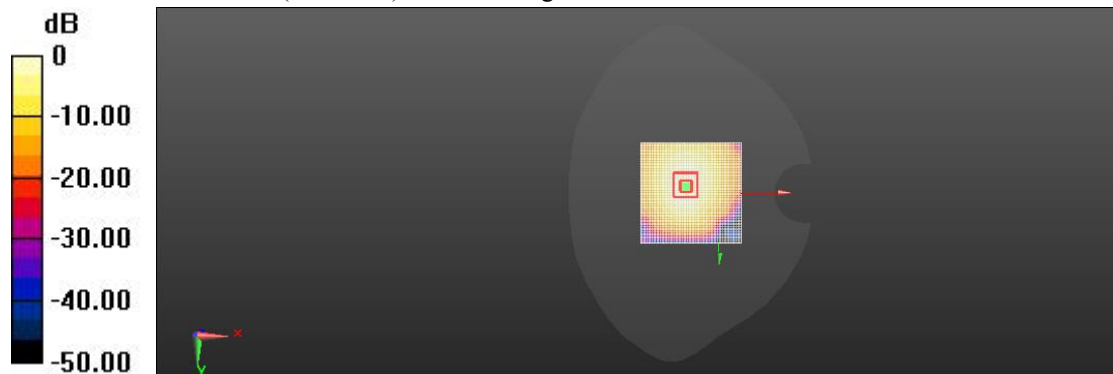
Peak SAR (extrapolated) = 0.721 W/kg

SAR(1 g) = 0.444 W/kg; SAR(10 g) = 0.255 W/kg

Smallest distance from peaks to all points 3 dB below = 14.3 mm

Ratio of SAR at M2 to SAR at M1 = 62%

Maximum value of SAR (measured) = 0.490 W/kg



0 dB = 0.510 W/kg = -2.93 dBW/kg

WCDMA Band4 Body Facedown Low 15mm

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Communication System Band: Band 4, UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1712.4 MHz; Communication System PAR: 2.91 dB; PMF: 1.00231

Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.282$ S/m; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY6 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(8.5, 8.5, 8.5) @ 1712.4 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA; Serial: 2025
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

UMTS Band 4 _ body/Facedown low 15mm/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 7.859 V/m; Power Drift = 0.01 dB

Fast SAR: SAR(1 g) = 0.229 W/kg; SAR(10 g) = 0.137 W/kg

Maximum value of SAR (interpolated) = 0.252 W/kg

UMTS Band 4 _ body/Facedown low 15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

$dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.859 V/m; Power Drift = 0.01 dB

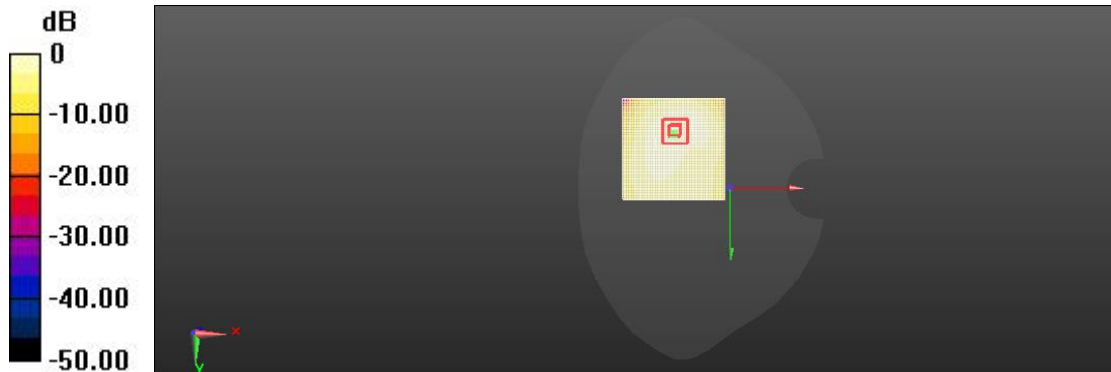
Peak SAR (extrapolated) = 0.355 W/kg

SAR(1 g) = 0.232 W/kg; SAR(10 g) = 0.142 W/kg

Smallest distance from peaks to all points 3 dB below = 18.2 mm

Ratio of SAR at M2 to SAR at M1 = 65.4%

Maximum value of SAR (measured) = 0.249 W/kg



0 dB = 0.252 W/kg = -5.98 dBW/kg

WCDMA Band5 Head Left Cheek Mid

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: Left Section
 Measurement Standard: DASYS6 (IEEE/IEC/ANSI C63.19-2007)
 DASYS Configuration:

- Probe: EX3DV4 - SN7623; ConvF(9.9, 9.9, 9.9) @ 836.6 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

UMTS Band 5_left head cheek/Mid/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 3.102 V/m; Power Drift = 0.12 dB

Fast SAR: SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.101 W/kg

Maximum value of SAR (interpolated) = 0.226 W/kg

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

Reference Value = 3.102 V/m; Power Drift = 0.12 dB

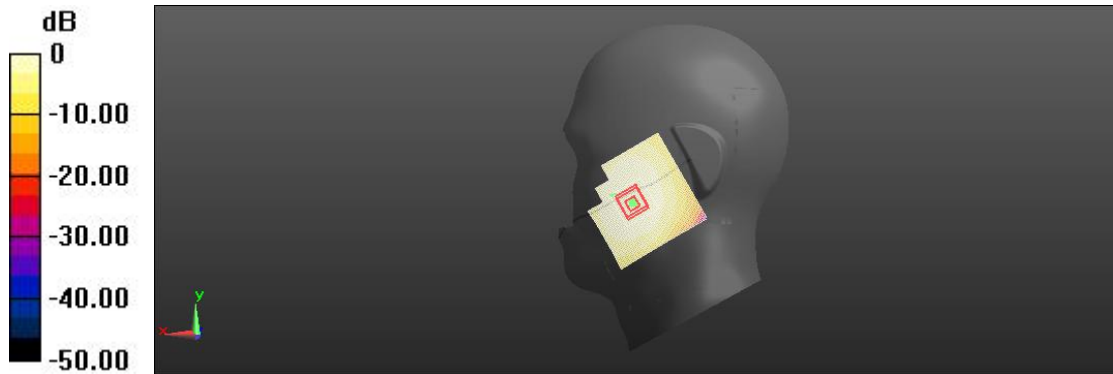
Peak SAR (extrapolated) = 0.437 W/kg

SAR(1 g) = 0.205 W/kg; SAR(10 g) = 0.115 W/kg

Smallest distance from peaks to all points 3 dB below = 10.1 mm

Ratio of SAR at M2 to SAR at M1 = 81.3%

Maximum value of SAR (measured) = 0.212 W/kg



0 dB = 0.226 W/kg = -7.14 dBW/kg

WCDMA Band5 Body Facedown 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: DASYS6 (IEEE/IEC/ANSI C63.19-2007)
 DASYS Configuration:

- Probe: EX3DV4 - SN7623; ConvF(9.9, 9.9, 9.9) @ 836.6 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Reference Value = 12.20 V/m; Power Drift = -0.14 dB

Fast SAR: SAR(1 g) = 0.247 W/kg; SAR(10 g) = 0.157 W/kg

Maximum value of SAR (interpolated) = 0.276 W/kg

UMTS Band 5_body/Facedown Mid 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

$dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.20 V/m; Power Drift = -0.14 dB

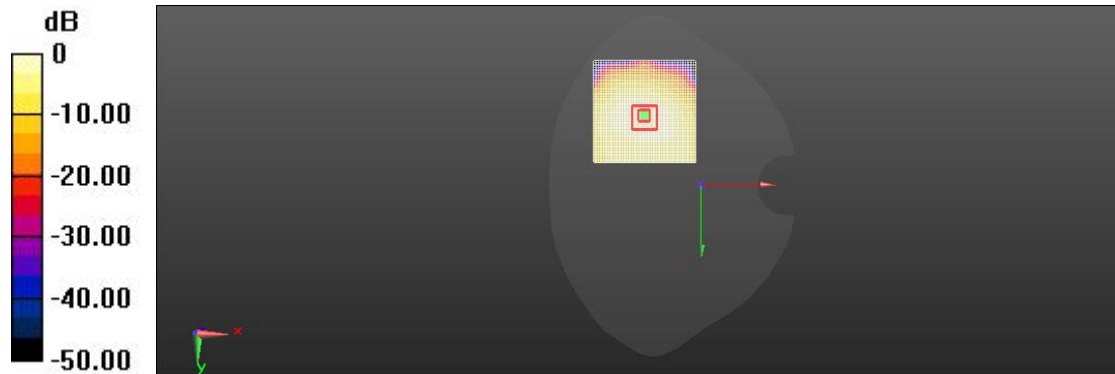
Peak SAR (extrapolated) = 0.398 W/kg

SAR(1 g) = 0.241 W/kg; SAR(10 g) = 0.143 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 61.3%

Maximum value of SAR (measured) = 0.265 W/kg



0 dB = 0.276 W/kg = -5.59 dBW/kg

WCDMA Band5 Body Facedown Low 15mm

Communication System: UID 0, UMTS-FDD; Communication System Band: Band 5, UTRA/FDD (824.0 - 849.0 MHz); Frequency: 826.4 MHz; Communication System PAR: 2.91 dB; PMF: 1.00231
 Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.882$ S/m; $\epsilon_r = 41.602$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASYS6 (IEEE/IEC/ANSI C63.19-2007)
 DASYS Configuration:

- Probe: EX3DV4 - SN7623; ConvF(9.9, 9.9, 9.9) @ 826.4 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

UMTS Band 5_body/Facedown Low 15mm/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 12.58 V/m; Power Drift = 0.05 dB

Fast SAR: SAR(1 g) = 0.209 W/kg; SAR(10 g) = 0.148 W/kg

Maximum value of SAR (interpolated) = 0.221 W/kg

UMTS Band 5_body/Facedown Low 15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.58 V/m; Power Drift = 0.05 dB

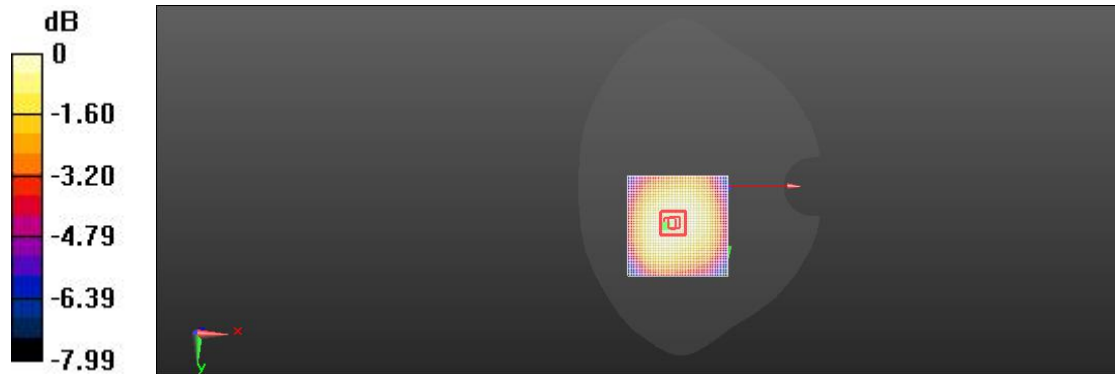
Peak SAR (extrapolated) = 0.267 W/kg

SAR(1 g) = 0.212 W/kg; SAR(10 g) = 0.161 W/kg

Smallest distance from peaks to all points 3 dB below = 13.4 mm

Ratio of SAR at M2 to SAR at M1 = 78%

Maximum value of SAR (measured) = 0.221 W/kg



0 dB = 0.221 W/kg = -6.56 dBW/kg

LTE Band2 Head Right Cheek Low

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: Right Section
Measurement Standard: DASY6 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(8.28, 8.28, 8.28) @ 1855 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA; Serial: 2025
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Head Right/Cheek Low/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 2.032 V/m; Power Drift = 0.19 dB

Fast SAR: SAR(1 g) = 0.103 W/kg; SAR(10 g) = 0.057 W/kg

Maximum value of SAR (interpolated) = 0.121 W/kg

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

Reference Value = 2.032 V/m; Power Drift = 0.19 dB

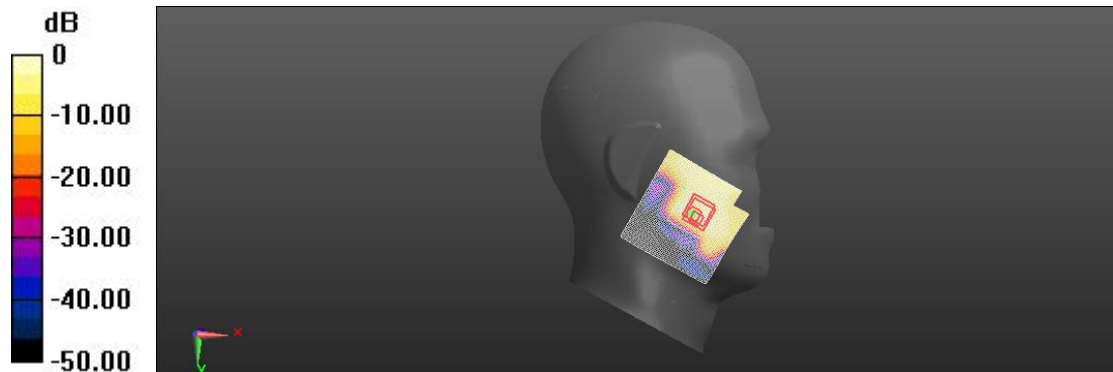
Peak SAR (extrapolated) = 0.211 W/kg

SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.041 W/kg

Smallest distance from peaks to all points 3 dB below = 9.1 mm

Ratio of SAR at M2 to SAR at M1 = 70.1%

Maximum value of SAR (measured) = 0.107 W/kg



0 dB = 0.121 W/kg = -8.41 dBW/kg

LTE Band2 Body Facedown Low 10mm

Communication System: UID 0, LTE-FDD(CE); Communication System Band: Band2(10MHz);
 Frequency: 1860 MHz; Communication System PAR: 0 dB; PMF: 1
 Medium parameters used (interpolated): $f = 1860$ MHz; $\sigma = 1.425$ S/m; $\epsilon_r = 39.849$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASYS6 (IEEE/IEC/ANSI C63.19-2007)
 DASYS Configuration:

- Probe: EX3DV4 - SN7623; ConvF(8.28, 8.28, 8.28) @ 1860 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Reference Value = 7.266 V/m; Power Drift = 0.14 dB

Fast SAR: SAR(1 g) = 0.257 W/kg; SAR(10 g) = 0.137 W/kg

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

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

Reference Value = 7.266 V/m; Power Drift = 0.14 dB

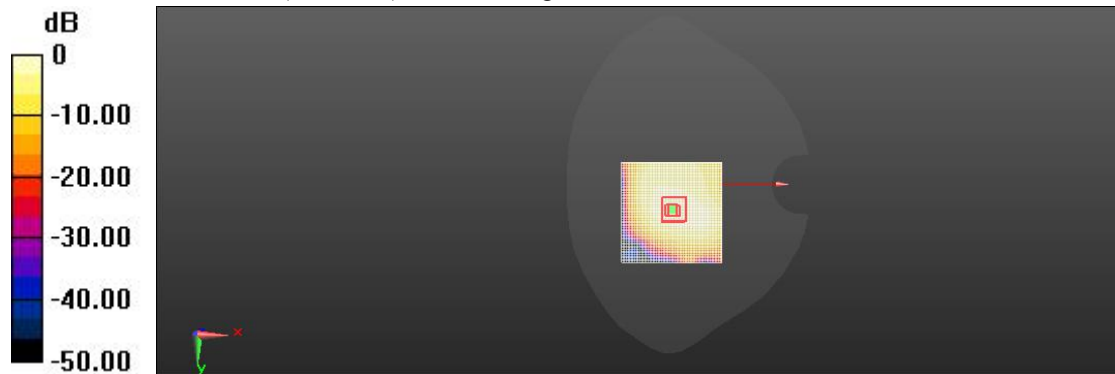
Peak SAR (extrapolated) = 0.498 W/kg

SAR(1 g) = 0.248 W/kg; SAR(10 g) = 0.132 W/kg

Smallest distance from peaks to all points 3 dB below = 14.4 mm

Ratio of SAR at M2 to SAR at M1 = 60.2%

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



0 dB = 0.271 W/kg = -5.44 dBW/kg

LTE Band2 Body Facedown Low 15mm

Communication System: UID 0, LTE-FDD(CE); Communication System Band: Band2(10MHz);
 Frequency: 1860 MHz; Communication System PAR: 0 dB; PMF: 1
 Medium parameters used (interpolated): $f = 1860$ MHz; $\sigma = 1.425$ S/m; $\epsilon_r = 39.849$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASYS6 (IEEE/IEC/ANSI C63.19-2007)
 DASYS Configuration:

- Probe: EX3DV4 - SN7623; ConvF(8.28, 8.28, 8.28) @ 1860 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Facedown Low15mm/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 5.268 V/m; Power Drift = 0.13 dB

Fast SAR: SAR(1 g) = 0.103 W/kg; SAR(10 g) = 0.060 W/kg

Maximum value of SAR (interpolated) = 0.116 W/kg

Body/Facedown Low15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.268 V/m; Power Drift = 0.13 dB

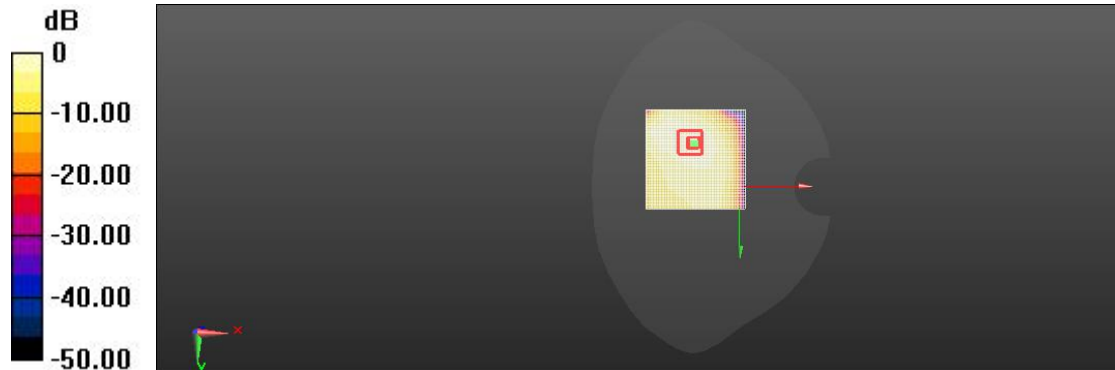
Peak SAR (extrapolated) = 0.165 W/kg

SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.057 W/kg

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

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

Maximum value of SAR (measured) = 0.107 W/kg



0 dB = 0.116 W/kg = -9.35 dBW/kg

LTE Band4 Head Right Cheek Mid

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: Right Section
 Measurement Standard: DASY6 (IEEE/IEC/ANSI C63.19-2007)
 DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(8.5, 8.5, 8.5) @ 1732.5 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA; Serial: 2025
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Head Right/Cheek Mid/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 5.114 V/m; Power Drift = 0.15 dB

Fast SAR: SAR(1 g) = 0.177 W/kg; SAR(10 g) = 0.088 W/kg

Maximum value of SAR (interpolated) = 0.191 W/kg

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

Reference Value = 5.114 V/m; Power Drift = 0.15 dB

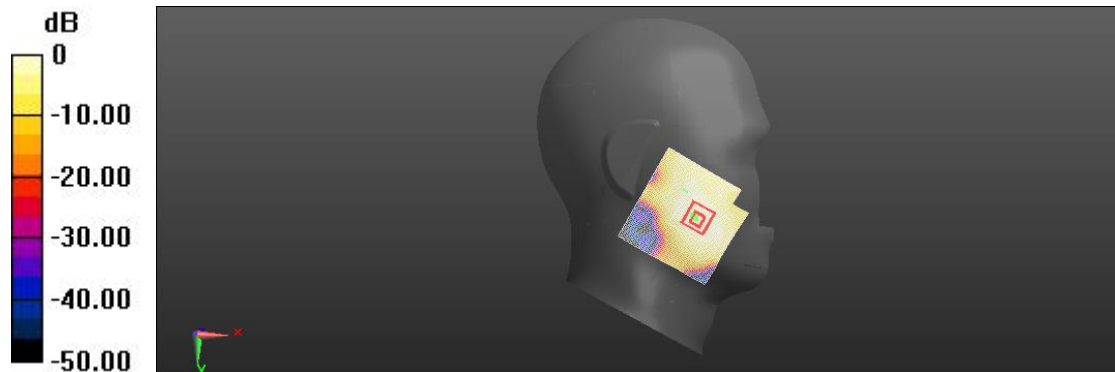
Peak SAR (extrapolated) = 0.324 W/kg

SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.076 W/kg

Smallest distance from peaks to all points 3 dB below = 12.4 mm

Ratio of SAR at M2 to SAR at M1 = 72.4%

Maximum value of SAR (measured) = 0.171 W/kg



0 dB = 0.191 W/kg = -6.75 dBW/kg

LTE Band4 Body Facedown Low 10mm

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
 Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1720 MHz;
 Communication System PAR: 5.727 dB; PMF: 1.13894
 Medium parameters used (interpolated): $f = 1720$ MHz; $\sigma = 1.291$ S/m; $\epsilon_r = 40.465$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASY6 (IEEE/IEC/ANSI C63.19-2007)
 DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(8.5, 8.5, 8.5) @ 1720 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA; Serial: 2025
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Reference Value = 11.07 V/m; Power Drift = 0.02 dB

Fast SAR: SAR(1 g) = 0.397 W/kg; SAR(10 g) = 0.194 W/kg

Maximum value of SAR (interpolated) = 0.412 W/kg

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

Reference Value = 11.07 V/m; Power Drift = 0.02 dB

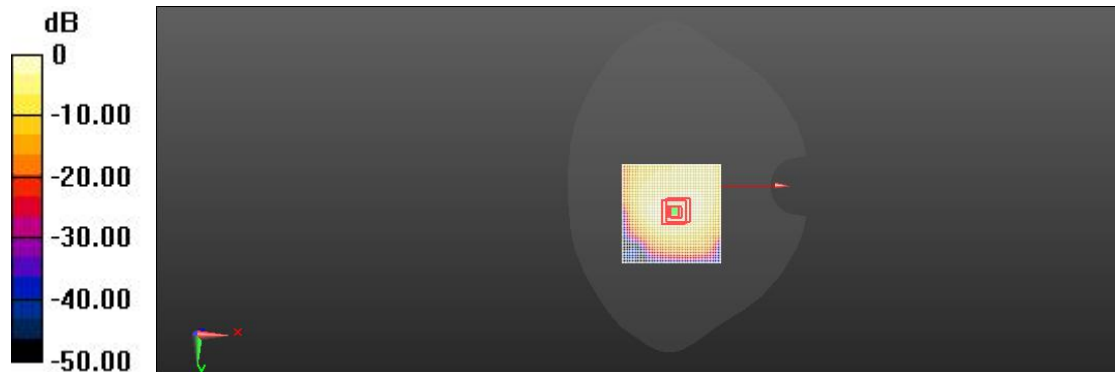
Peak SAR (extrapolated) = 0.708 W/kg

SAR(1 g) = 0.406 W/kg; SAR(10 g) = 0.200 W/kg

Smallest distance from peaks to all points 3 dB below = 13.2 mm

Ratio of SAR at M2 to SAR at M1 = 61.9%

Maximum value of SAR (measured) = 0.418 W/kg



$0 \text{ dB} = 0.412 \text{ W/kg} = -3.57 \text{ dBW/kg}$

LTE Band4 Body Facedown Low 15mm

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1720 MHz; Communication System PAR: 5.727 dB; PMF: 1.13894
Medium parameters used (interpolated): $f = 1720$ MHz; $\sigma = 1.291$ S/m; $\epsilon_r = 40.465$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY6 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(8.5, 8.5, 8.5) @ 1720 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA; Serial: 2025
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Facedown Low 15mm/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 7.311 V/m; Power Drift = 0.19 dB

Fast SAR: SAR(1 g) = 0.190 W/kg; SAR(10 g) = 0.113 W/kg

Maximum value of SAR (interpolated) = 0.211 W/kg

Body/Facedown Low 15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.311 V/m; Power Drift = 0.19 dB

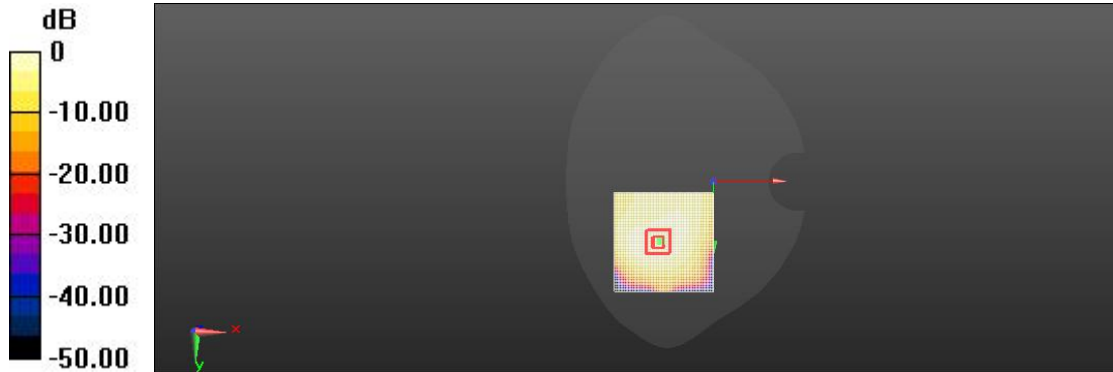
Peak SAR (extrapolated) = 0.302 W/kg

SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.116 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 64.1%

Maximum value of SAR (measured) = 0.210 W/kg



0 dB = 0.211 W/kg = -6.76 dBW/kg

LTE Band5 (10MHz) Head Left Cheek Mid

Communication System: UID 0, LTE-FDD(CE); Communication System Band: Band5(10MHz);
Frequency: 836.5 MHz; Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 41.479$; $\rho = 1000$ kg/m³
Phantom section: Left Section
Measurement Standard: DASYS6 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(9.9, 9.9, 9.9) @ 836.5 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

Head Left/Cheek Mid/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 2.343 V/m; Power Drift = 0.10 dB

Fast SAR: SAR(1 g) = 0.227 W/kg; SAR(10 g) = 0.108 W/kg

Maximum value of SAR (interpolated) = 0.235 W/kg

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

Reference Value = 2.343 V/m; Power Drift = 0.10 dB

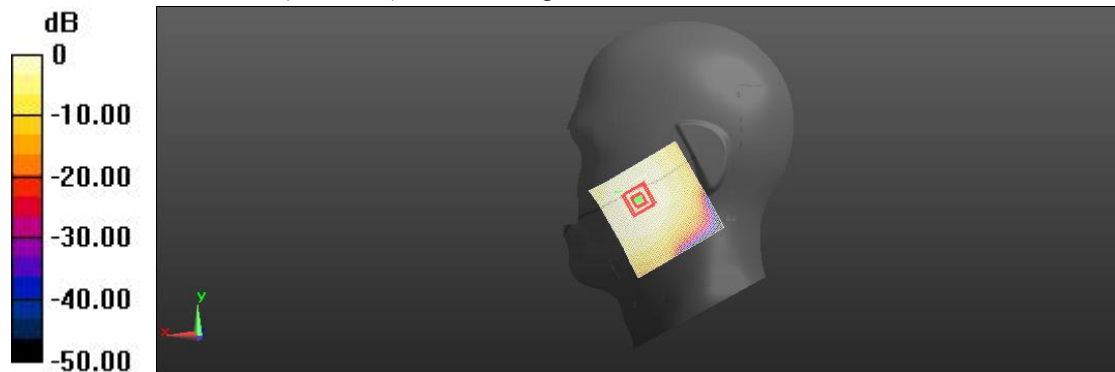
Peak SAR (extrapolated) = 0.445 W/kg

SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.092 W/kg

Smallest distance from peaks to all points 3 dB below = 10.6 mm

Ratio of SAR at M2 to SAR at M1 = 72.4%

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



0 dB = 0.235 W/kg = -6.31 dBW/kg

LTE Band5 (10MHz) Body Facedown Low 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: 829 MHz;
 Communication System PAR: 5.724 dB; PMF: 1.13894
 Medium parameters used (interpolated): $f = 829$ MHz; $\sigma = 0.885$ S/m; $\epsilon_r = 41.571$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASY6 (IEEE/IEC/ANSI C63.19-2007)
 DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(9.9, 9.9, 9.9) @ 829 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA; Serial: 2025
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Reference Value = 11.06 V/m; Power Drift = -0.04 dB

Fast SAR: SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.127 W/kg

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

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

Reference Value = 11.06 V/m; Power Drift = -0.04 dB

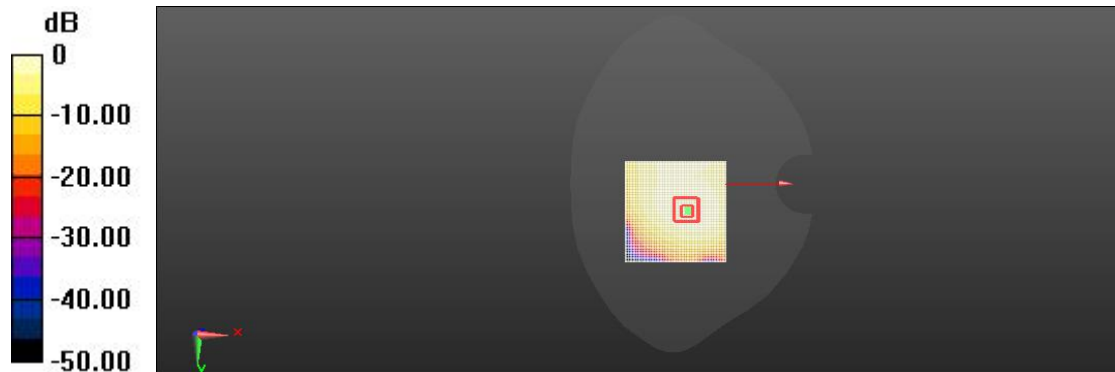
Peak SAR (extrapolated) = 0.319 W/kg

SAR(1 g) = 0.198 W/kg; SAR(10 g) = 0.120 W/kg

Smallest distance from peaks to all points 3 dB below = 14.8 mm

Ratio of SAR at M2 to SAR at M1 = 62.8%

Maximum value of SAR (measured) = 0.213 W/kg



0 dB = 0.214 W/kg = -6.70 dBW/kg

LTE Band5 (10MHz) Body Facedown Low 15mm

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: 829 MHz;
 Communication System PAR: 5.724 dB; PMF: 1.13894
 Medium parameters used (interpolated): $f = 829$ MHz; $\sigma = 0.885$ S/m; $\epsilon_r = 41.571$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASY6 (IEEE/IEC/ANSI C63.19-2007)
 DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(9.9, 9.9, 9.9) @ 829 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA; Serial: 2025
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Facedown Low 15mm/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 9.334 V/m; Power Drift = 0.15 dB

Fast SAR: SAR(1 g) = 0.206 W/kg; SAR(10 g) = 0.094 W/kg

Maximum value of SAR (interpolated) = 0.212 W/kg

Body/Facedown Low 15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.334 V/m; Power Drift = 0.15 dB

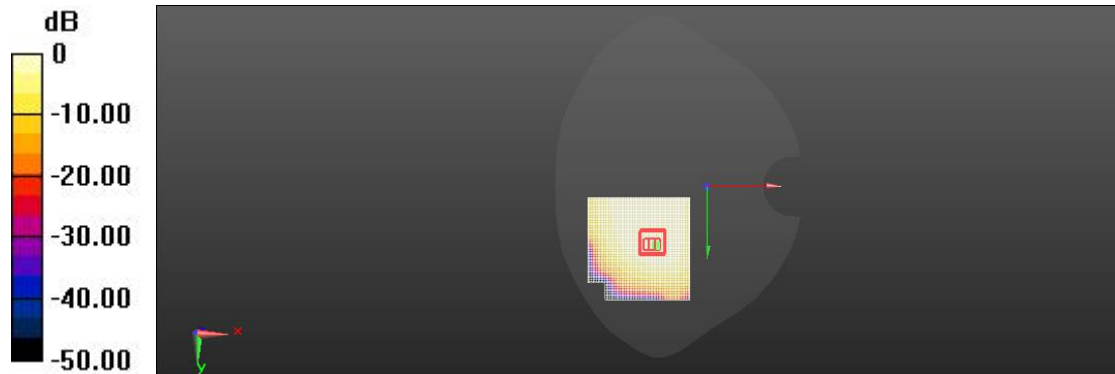
Peak SAR (extrapolated) = 0.416 W/kg

SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.090 W/kg

Smallest distance from peaks to all points 3 dB below = 9.1 mm

Ratio of SAR at M2 to SAR at M1 = 64.8%

Maximum value of SAR (measured) = 0.206 W/kg



0 dB = 0.212 W/kg = -9.92 dBW/kg

LTE Band7 Head Right Cheek Low

Communication System: UID 0, LTE-FDD(CE); Communication System Band: Band7(20MHz);

Frequency: 2510 MHz; Communication System PAR: 0 dB; PMF: 1

Medium parameters used: $f = 2510$ MHz; $\sigma = 1.88$ S/m; $\epsilon_r = 37.7$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASYS6 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(7.75, 7.75, 7.75) @ 2510 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

Head Right/Cheek Low/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 0.6221 V/m; Power Drift = 0.13 dB

Fast SAR: SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.026 W/kg

Maximum value of SAR (interpolated) = 0.071 W/kg

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

Reference Value = 0.6221 V/m; Power Drift = 0.13 dB

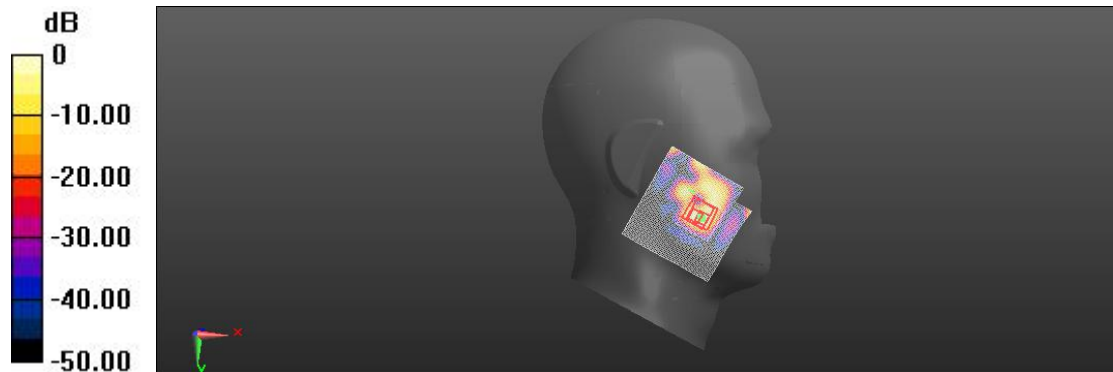
Peak SAR (extrapolated) = 0.132 W/kg

SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.021 W/kg

Smallest distance from peaks to all points 3 dB below = 8.1 mm

Ratio of SAR at M2 to SAR at M1 = 58.4%

Maximum value of SAR (measured) = 0.068 W/kg



0 dB = 0.071 W/kg = -12.41 dBW/kg

LTE Band7 Body Bottom Low 10mm

Communication System: UID 0, LTE-FDD(CE); Communication System Band: Band7(20MHz);
 Frequency: 2510 MHz; Communication System PAR: 0 dB; PMF: 1
 Medium parameters used: $f = 2510$ MHz; $\sigma = 1.88$ S/m; $\epsilon_r = 37.7$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASY6 (IEEE/IEC/ANSI C63.19-2007)
 DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(7.75, 7.75, 7.75) @ 2510 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA; Serial: 2025
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Reference Value = 14.47 V/m; Power Drift = 0.06 dB

Fast SAR: SAR(1 g) = 0.524 W/kg; SAR(10 g) = 0.253 W/kg

Maximum value of SAR (interpolated) = 0.544 W/kg

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

Reference Value = 14.47 V/m; Power Drift = 0.06 dB

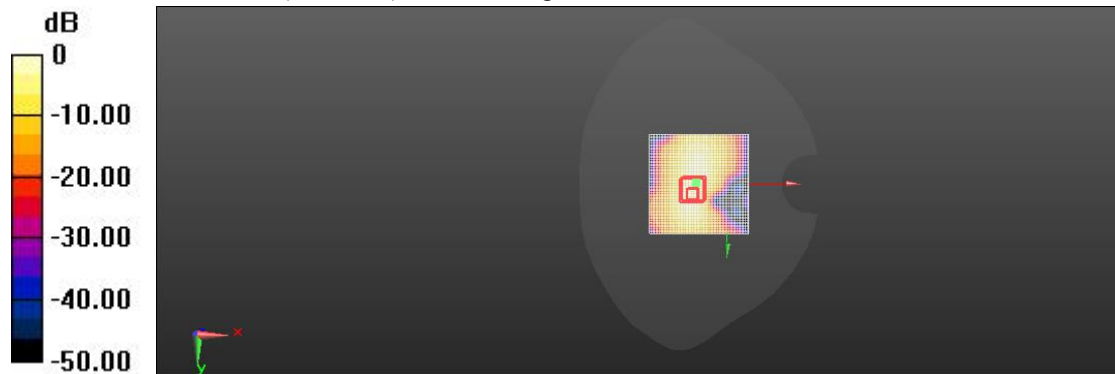
Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.511 W/kg; SAR(10 g) = 0.246 W/kg

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 52.4%

Maximum value of SAR (measured) = 0.525 W/kg



$0 \text{ dB} = 0.544 \text{ W/kg} = -2.17 \text{ dBW/kg}$

LTE Band7 Body Facedown Low 15mm

Communication System: UID 0, LTE-FDD(CE); Communication System Band: Band7(20MHz);
 Frequency: 2510 MHz; Communication System PAR: 0 dB; PMF: 1
 Medium parameters used: $f = 2510$ MHz; $\sigma = 1.88$ S/m; $\epsilon_r = 37.7$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASYS6 (IEEE/IEC/ANSI C63.19-2007)
 DASYS Configuration:

- Probe: EX3DV4 - SN7623; ConvF(7.75, 7.75, 7.75) @ 2510 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Facedown Low 15mm/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 2.590 V/m; Power Drift = 0.10 dB

Fast SAR: SAR(1 g) = 0.217 W/kg; SAR(10 g) = 0.114 W/kg

Maximum value of SAR (interpolated) = 0.246 W/kg

Body/Facedown Low 15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.590 V/m; Power Drift = 0.10 dB

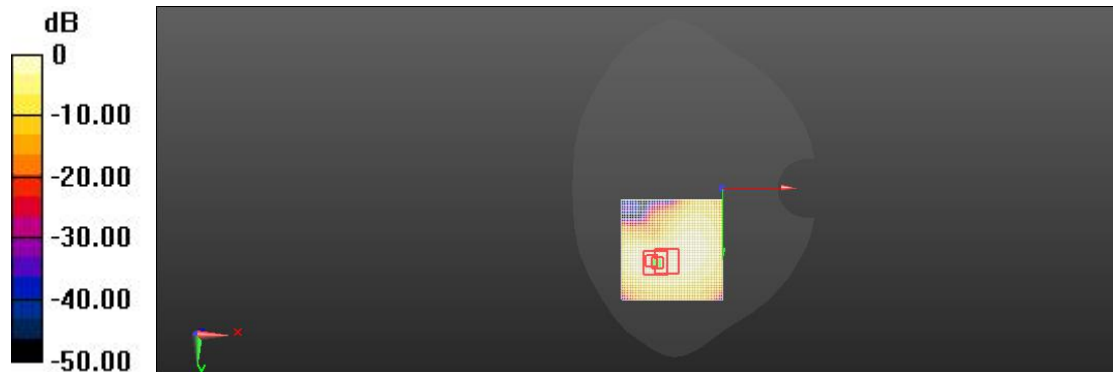
Peak SAR (extrapolated) = 0.494 W/kg

SAR(1 g) = 0.244 W/kg; SAR(10 g) = 0.121 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 53.2%

Maximum value of SAR (measured) = 0.262 W/kg



0 dB = 0.246 W/kg = -6.08 dBW/kg

LTE Band13(10MHz) Head Right Cheek Mid

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: Right Section
 Measurement Standard: DASY6 (IEEE/IEC/ANSI C63.19-2007)
 DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(10.28, 10.28, 10.28) @ 782 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA; Serial: 2025
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Head Right/Cheek Mid/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 2.541 V/m; Power Drift = 0.15 dB

Fast SAR: SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.046 W/kg

Maximum value of SAR (interpolated) = 0.123 W/kg

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

Reference Value = 2.541 V/m; Power Drift = 0.15 dB

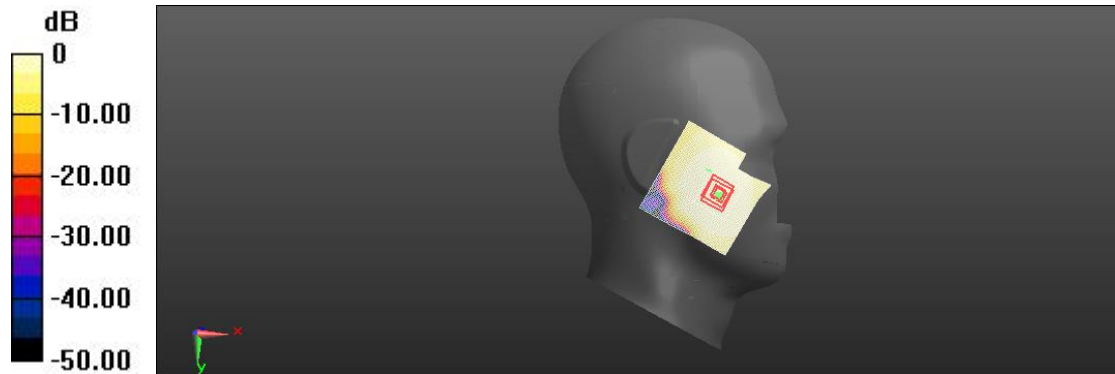
Peak SAR (extrapolated) = 0.207 W/kg

SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.043 W/kg

Smallest distance from peaks to all points 3 dB below = 8.7 mm

Ratio of SAR at M2 to SAR at M1 = 83.3%

Maximum value of SAR (measured) = 0.114 W/kg



0 dB = 0.123 W/kg = -9.41 dBW/kg

LTE Band13(10MHz) Body Right Side 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: DASY6 (IEEE/IEC/ANSI C63.19-2007)
 DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(10.28, 10.28, 10.28) @ 782 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA; Serial: 2025
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Reference Value = 9.610 V/m; Power Drift = 0.05 dB

Fast SAR: SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.093 W/kg

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

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

Reference Value = 9.610 V/m; Power Drift = 0.05 dB

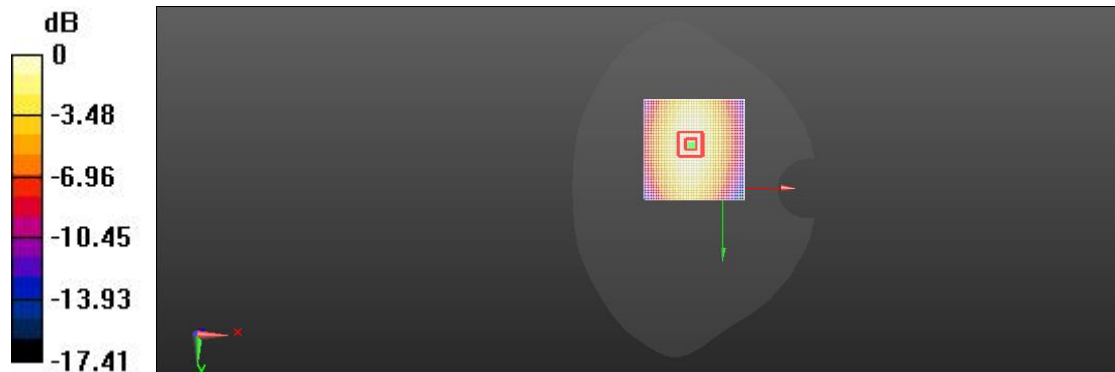
Peak SAR (extrapolated) = 0.191 W/kg

SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.094 W/kg

Smallest distance from peaks to all points 3 dB below = 10.1 mm

Ratio of SAR at M2 to SAR at M1 = 70.6%

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



0 dB = 0.145 W/kg = -8.38 dBW/kg

LTE Band13(10MHz) Body Facedown Mid 15mm

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: DASY6 (IEEE/IEC/ANSI C63.19-2007)
 DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(10.28, 10.28, 10.28) @ 782 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA; Serial: 2025
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Facedown Mid 15mm/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 8.822 V/m; Power Drift = 0.15 dB

Fast SAR: SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.072 W/kg

Maximum value of SAR (interpolated) = 0.107 W/kg

Body/Facedown Mid 15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.822 V/m; Power Drift = 0.15 dB

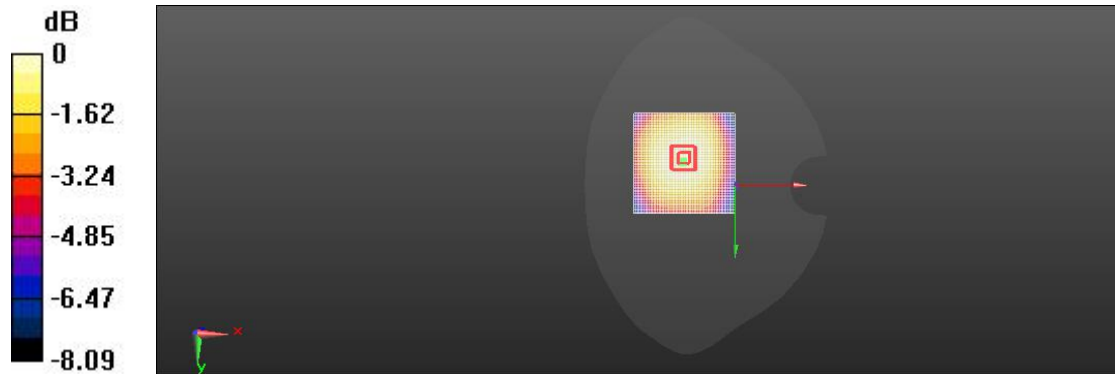
Peak SAR (extrapolated) = 0.127 W/kg

SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.078 W/kg

Smallest distance from peaks to all points 3 dB below = 9.4 m,

Ratio of SAR at M2 to SAR at M1 = 78.6%

Maximum value of SAR (measured) = 0.106 W/kg



0 dB = 0.107 W/kg = -9.71 dBW/kg

LTE Band38 Head Right Tilted Mid

Communication System: UID 0, LTE-TDD; Communication System Band: Band38(20MHz);
Frequency: 2595 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005
Medium parameters used: $f = 2595$ MHz; $\sigma = 1.97$ S/m; $\epsilon_r = 39.11$; $\rho = 1000$ kg/m³
Phantom section: Right Section
Measurement Standard: DASYS6 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(7.55, 7.55, 7.55) @ 2595 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

Head Right/Tilted Mid/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 0.914 V/m; Power Drift = 0.10 dB

Fast SAR: SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.047 W/kg

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

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

Reference Value = 0.914 V/m; Power Drift = 0.10 dB

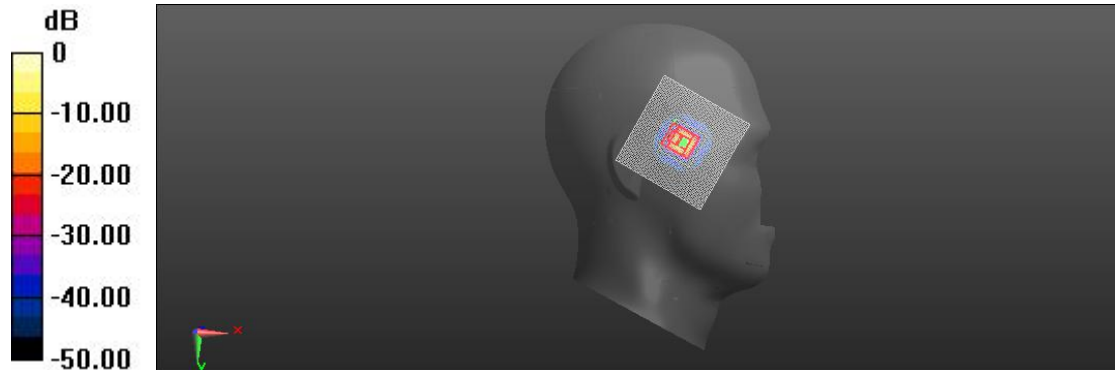
Peak SAR (extrapolated) = 0.214 W/kg

SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.043 W/kg

Smallest distance from peaks to all points 3 dB below = 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 78.2%

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



LTE Band38 Body Bottom Low 10mm

Communication System: UID 0, LTE-TDD; Communication System Band: Band38(20MHz);

Frequency: 2580 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005

Medium parameters used: $f = 2580$ MHz; $\sigma = 1.97$ S/m; $\epsilon_r = 39.11$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY6 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(7.55, 7.55, 7.55) @ 2580 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA; Serial: 2025
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Reference Value = 13.39 V/m; Power Drift = 0.13 dB

Fast SAR: SAR(1 g) = 0.510 W/kg; SAR(10 g) = 0.244 W/kg

Maximum value of SAR (interpolated) = 0.548 W/kg

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

Reference Value = 13.39 V/m; Power Drift = 0.13 dB

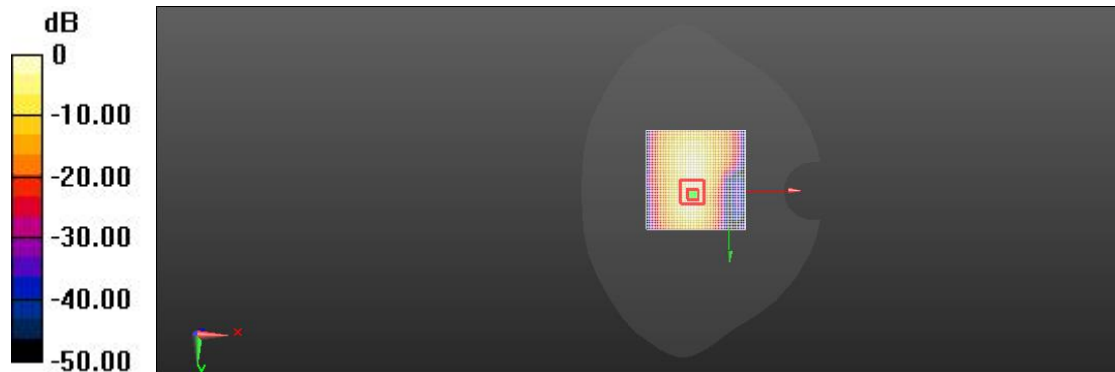
Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.495 W/kg; SAR(10 g) = 0.238 W/kg

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 47.3%

Maximum value of SAR (measured) = 0.513 W/kg



0 dB = 0.548 W/kg = -1.89 dBW/kg

LTE Band38 Body Facedown High 15mm

Communication System: UID 0, LTE-TDD; Communication System Band: Band38(20MHz);

Frequency: 2610 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005

Medium parameters used: $f = 2610$ MHz; $\sigma = 1.97$ S/m; $\epsilon_r = 39.11$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS6 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(7.55, 7.55, 7.55) @ 2610 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Facedown High 15mm/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 2.946 V/m; Power Drift = 0.16 dB

Fast SAR: SAR(1 g) = 0.198 W/kg; SAR(10 g) = 0.106 W/kg

Maximum value of SAR (interpolated) = 0.221 W/kg

Body/Facedown High 15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.946 V/m; Power Drift = 0.16 dB

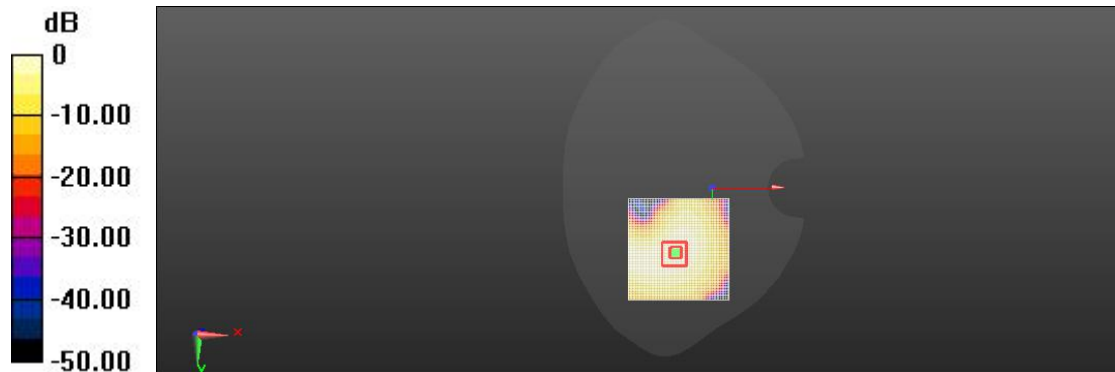
Peak SAR (extrapolated) = 0.362 W/kg

SAR(1 g) = 0.199 W/kg; SAR(10 g) = 0.108 W/kg

Smallest distance from peaks to all points 3 dB below = 14.3 mm

Ratio of SAR at M2 to SAR at M1 = 53.2%

Maximum value of SAR (measured) = 0.219 W/kg



0 dB = 0.221 W/kg = -6.55 dBW/kg

LTE Band41 Head Left Cheek High

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: $f = 2680$ MHz; $\sigma = 1.97$ S/m; $\epsilon_r = 39.11$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASYS6 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(7.55, 7.55, 7.55) @ 2680 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

Head Left/Cheek High/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 0.7570 V/m; Power Drift = 0.11 dB

Fast SAR: SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.022 W/kg

Maximum value of SAR (interpolated) = 0.058 W/kg

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

Reference Value = 0.7570 V/m; Power Drift = 0.11 dB

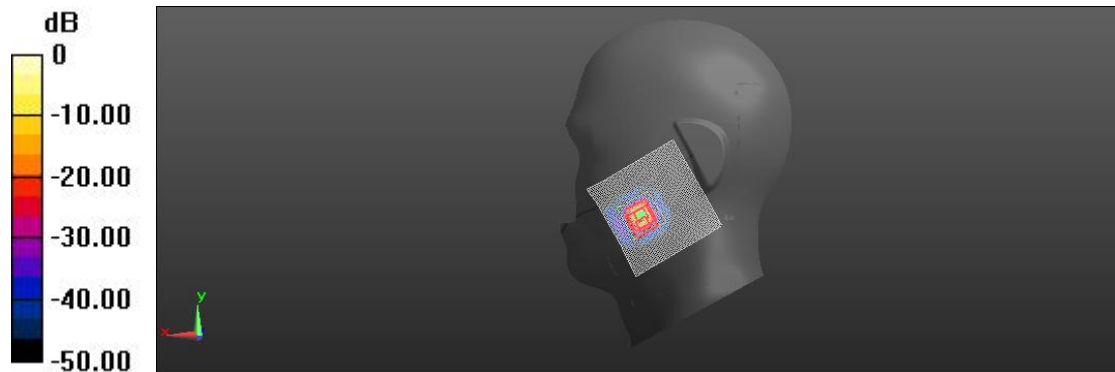
Peak SAR (extrapolated) = 0.114 W/kg

SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.018 W/kg

Smallest distance from peaks to all points 3 dB below = 8.3 mm

Ratio of SAR at M2 to SAR at M1 = 44.3%

Maximum value of SAR (measured) = 0.044 W/kg



0 dB = 0.058 W/kg = -13.41 dBW/kg

LTE Band41 Body Bottom Low 10mm

Communication System: UID 0, LTE-TDD; Communication System Band: Band41(20MHz);

Frequency: 2506 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005

Medium parameters used: $f = 2506$ MHz; $\sigma = 1.88$ S/m; $\epsilon_r = 37.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS6 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(7.75, 7.75, 7.75) @ 2506 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Reference Value = 16.94 V/m; Power Drift = 0.05 dB

Fast SAR: SAR(1 g) = 0.655 W/kg; SAR(10 g) = 0.297 W/kg

Maximum value of SAR (interpolated) = 0.672 W/kg

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

Reference Value = 16.94 V/m; Power Drift = 0.05 dB

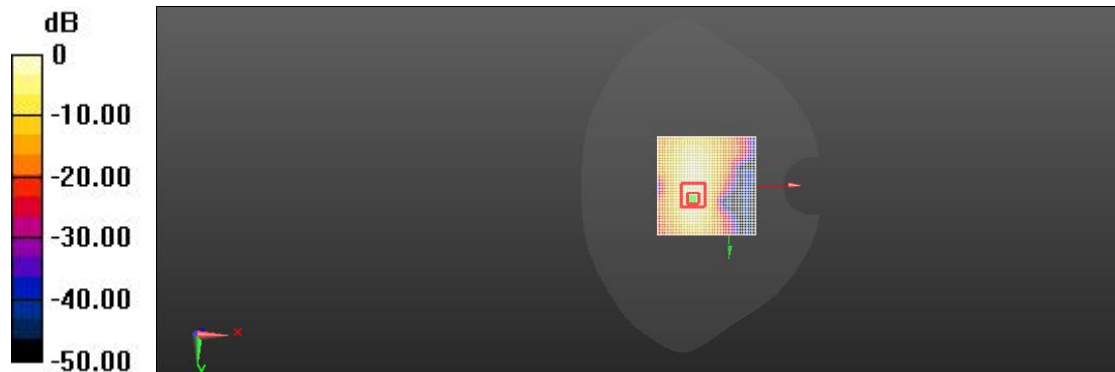
Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.650 W/kg; SAR(10 g) = 0.290 W/kg

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 49.7%

Maximum value of SAR (measured) = 0.663 W/kg



0 dB = 0.672 W/kg = -1.01 dBW/kg

LTE Band41 Body Facedown Low 15mm

Communication System: UID 0, LTE-TDD; Communication System Band: Band41(20MHz);

Frequency: 2506 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005

Medium parameters used: $f = 2480$ MHz; $\sigma = 1.88$ S/m; $\epsilon_r = 37.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS6 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(7.75, 7.75, 7.75) @ 2506 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Facedown Low 15mm/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 2.014 V/m; Power Drift = 0.11 dB

Fast SAR: SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.107 W/kg

Maximum value of SAR (interpolated) = 0.242 W/kg

Body/Facedown Low 15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.014 V/m; Power Drift = 0.11 dB

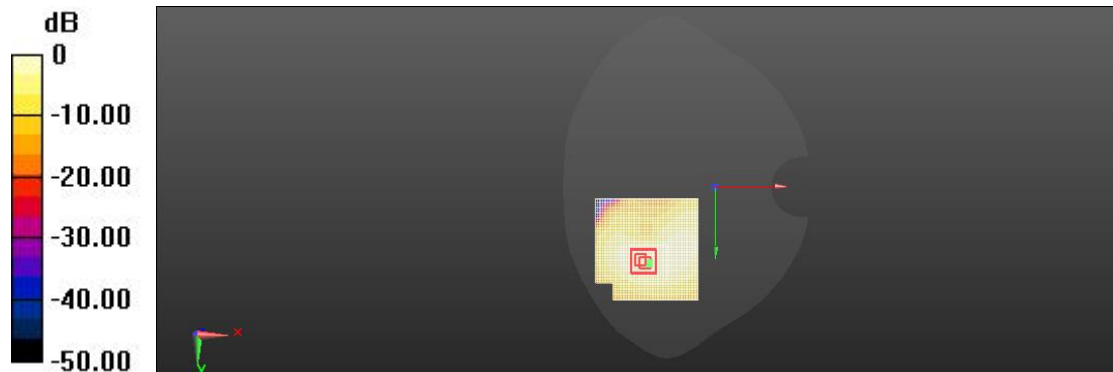
Peak SAR (extrapolated) = 0.660 W/kg

SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.101 W/kg

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 53.1%

Maximum value of SAR (measured) = 0.231 W/kg



0 dB = 0.242 W/kg = -4.78 dBW/kg

LTE Band66 Head Right Cheek Low

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: 1720 MHz;
 Communication System PAR: 5.727 dB; PMF: 1.13894
 Medium parameters used (interpolated): $f = 1720$ MHz; $\sigma = 1.375$ S/m; $\epsilon_r = 40.053$; $\rho = 1000$ kg/m³
 Phantom section: Right Section
 Measurement Standard: DASY6 (IEEE/IEC/ANSI C63.19-2007)
 DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(8.5, 8.5, 8.5) @ 1720 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA; Serial: 2025
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Head Right/Cheek Low/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 1.807 V/m; Power Drift = 0.05 dB

Fast SAR: SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.096 W/kg

Maximum value of SAR (interpolated) = 0.175 W/kg

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

Reference Value = 1.807 V/m; Power Drift = 0.05 dB

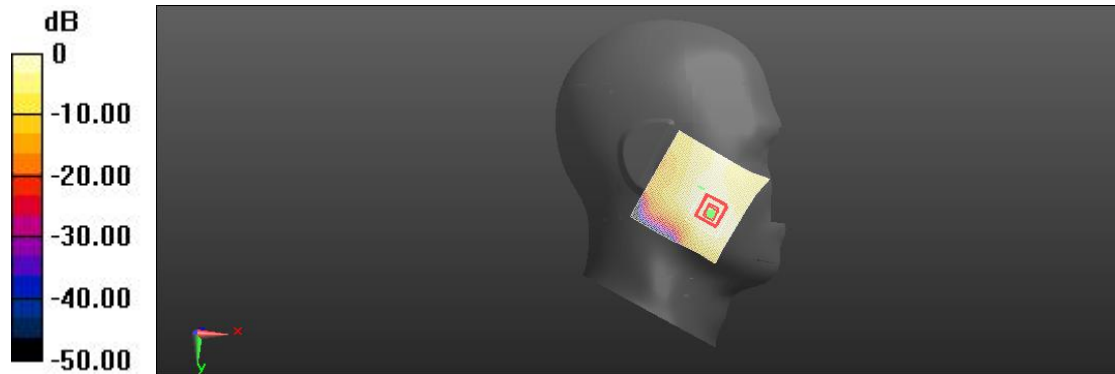
Peak SAR (extrapolated) = 0.226 W/kg

SAR(1 g) = 0.156 W/kg; SAR(10 g) = 0.100 W/kg

Smallest distance from peaks to all points 3 dB below = 14.4 mm

Ratio of SAR at M2 to SAR at M1 = 70.3%

Maximum value of SAR (measured) = 0.171 W/kg



0 dB = 0.175 W/kg = -7.57 dBW/kg

LTE Band66 Body Facedown Low 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: 1720 MHz;
 Communication System PAR: 5.727 dB; PMF: 1.13894
 Medium parameters used (interpolated): $f = 1720$ MHz; $\sigma = 1.356$ S/m; $\epsilon_r = 41.208$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASY6 (IEEE/IEC/ANSI C63.19-2007)
 DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(8.5, 8.5, 8.5) @ 1720 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA; Serial: 2025
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Reference Value = 8.410 V/m; Power Drift = 0.10 dB

Fast SAR: SAR(1 g) = 0.386 W/kg; SAR(10 g) = 0.206 W/kg

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

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

Reference Value = 8.410 V/m; Power Drift = 0.10 dB

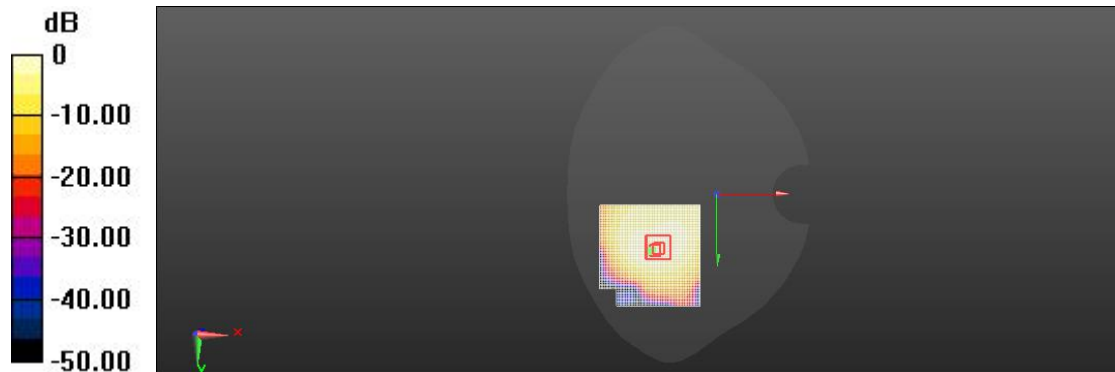
Peak SAR (extrapolated) = 0.710 W/kg

SAR(1 g) = 0.399 W/kg; SAR(10 g) = 0.215 W/kg

Smallest distance from peaks to all points 3 dB below = 14.3 mm

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

Maximum value of SAR (measured) = 0.438 W/kg



0 dB = 0.404 W/kg = -4.14 dBW/kg

LTE Band66 Body Facedown Low 15mm

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: 1720 MHz;
 Communication System PAR: 5.727 dB; PMF: 1.13894
 Medium parameters used (interpolated): $f = 1720$ MHz; $\sigma = 1.356$ S/m; $\epsilon_r = 41.208$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASY6 (IEEE/IEC/ANSI C63.19-2007)
 DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(8.5, 8.5, 8.5) @ 1720 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA; Serial: 2025
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Facedown Low 15mm/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 7.236 V/m; Power Drift = 0.13 dB

Fast SAR: SAR(1 g) = 0.214 W/kg; SAR(10 g) = 0.108 W/kg

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

Body/Facedown Low 15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.236 V/m; Power Drift = 0.13 dB

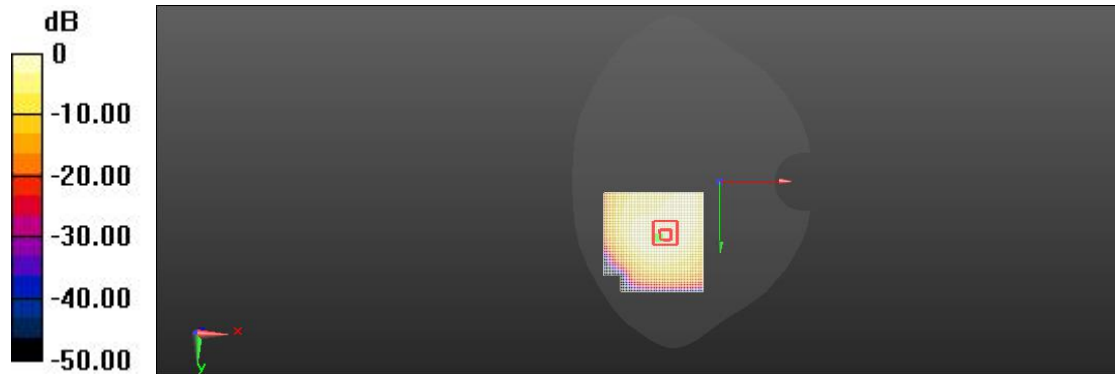
Peak SAR (extrapolated) = 0.400 W/kg

SAR(1 g) = 0.205 W/kg; SAR(10 g) = 0.106 W/kg

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

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

Maximum value of SAR (measured) = 0.221 W/kg



0 dB = 0.236 W/kg = -5.76 dBW/kg

2.4G Head Left Tilted Low

Communication System: UID 0, WIFI 2.4G (0); Communication System Band: wifi2.4G; Frequency: 2412 MHz; Communication System PAR: 1.87 dB; PMF: 1.04833

Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.838$ S/m; $\epsilon_r = 38.149$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASYS6 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(7.75, 7.75, 7.75) @ 2412 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA; Serial: 2025
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

802.11b 1/Left-Tilt Low/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 6.112 V/m; Power Drift = 0.18 dB

Fast SAR: SAR(1 g) = 0.689 W/kg; SAR(10 g) = 0.324 W/kg

Maximum value of SAR (interpolated) = 0.714 W/kg

802.11b 1/Left-Tilt Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.112 V/m; Power Drift = 0.18 dB

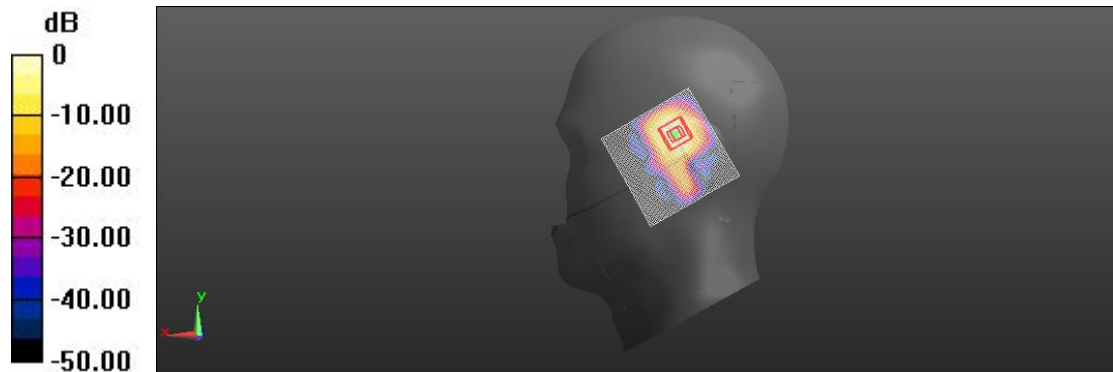
Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.664 W/kg; SAR(10 g) = 0.305 W/kg

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 58.7%

Maximum value of SAR (measured) = 0.688 W/kg



0 dB = 0.714 W/kg = 0.34 dBW/kg

2.4G Body Top High 10mm

Communication System: UID 10012 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps);
 Communication System Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz); Frequency: 2472 MHz;
 Communication System PAR: 1.872 dB; PMF: 1.04833
 Medium parameters used (interpolated): $f = 2472$ MHz; $\sigma = 1.889$ S/m; $\epsilon_r = 37.997$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASY6 (IEEE/IEC/ANSI C63.19-2007)
 DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(8.07, 8.07, 8.07) @ 2472 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: Type: QD 000 P41 AA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Flat/Top High/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
 Reference Value = 18.67 V/m; Power Drift = 0.05 dB

Fast SAR: SAR(1 g) = 0.557 W/kg; SAR(10 g) = 0.256 W/kg

Maximum value of SAR (interpolated) = 0.582 W/kg

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

Reference Value = 18.67 V/m; Power Drift = 0.05 dB

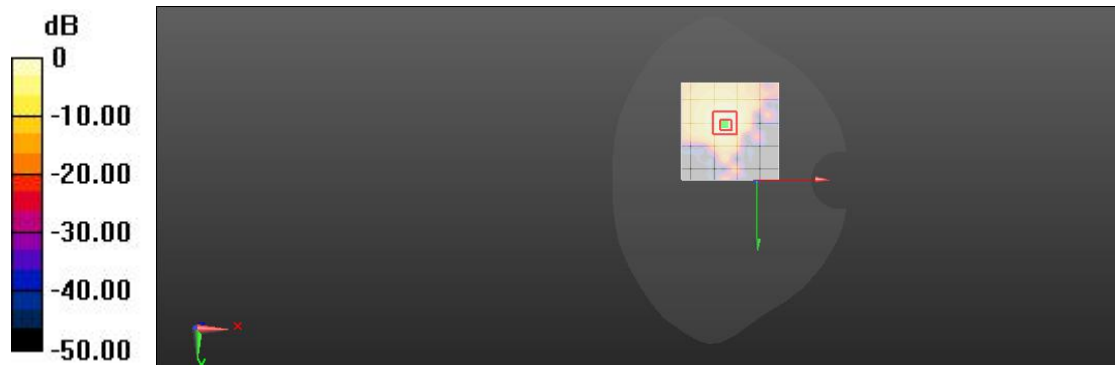
Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 0.538 W/kg; SAR(10 g) = 0.242 W/kg

Smallest distance from peaks to all points 3 dB below = 9.4 mm

Ratio of SAR at M2 to SAR at M1 = 57.2%

Maximum value of SAR (measured) = 0.550 W/kg



0 dB = 0.582 W/kg = 1.87 dBW/kg

2.4G Body Facedown High 15mm

Communication System: UID 10012 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps);

Communication System Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz); Frequency: 2472

MHz; Communication System PAR: 1.872 dB; PMF: 1.04833

Medium parameters used (interpolated): $f = 2472$ MHz; $\sigma = 1.889$ S/m; $\epsilon_r = 37.997$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY6 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(8.07, 8.07, 8.07) @ 2472 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA; Serial: 2025
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Flat/Facedown-High/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 3.247 V/m; Power Drift = 0.06 dB

Fast SAR: SAR(1 g) = 0.206 W/kg; SAR(10 g) = 0.097 W/kg

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

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

Reference Value = 3.247 V/m; Power Drift = 0.06 dB

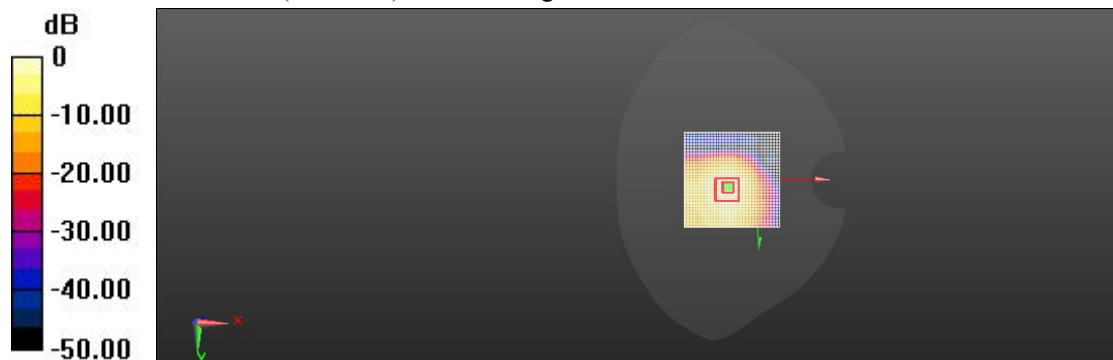
Peak SAR (extrapolated) = 0.439 W/kg

SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.088 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 67.2%

Maximum value of SAR (measured) = 0.204 W/kg



0 dB = 0.225 W/kg = 1.27 dBW/kg

BT Head Left Tilt

Communication System: UID 10030 - CAA, IEEE 802.15.1 Bluetooth (GFSK, DH1); Communication System Band: ISM 2.4 GHz Band (2400.0 - 2483.5 MHz); Frequency: 2441 MHz; Communication System PAR: 5.295 dB; PMF: 1.83865
 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.89$ S/m; $\epsilon_r = 38$; $\rho = 1000$ kg/m³
 Phantom section: Left Section
 Measurement Standard: DASY6 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(8.07, 8.07, 8.07) @ 2441 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

BT-Left Tilt/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 2.267 V/m; Power Drift = 0.07 dB

Fast SAR: SAR(1 g) = 0.133 W/kg; SAR(10 g) = 0.064 W/kg

Maximum value of SAR (interpolated) = 0.158 W/kg

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

Reference Value = 2.267 V/m; Power Drift = 0.07 dB

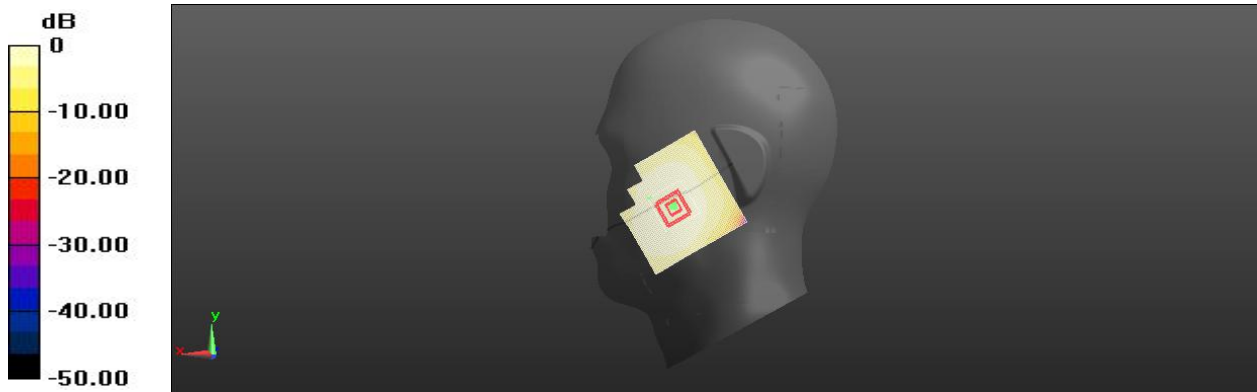
Peak SAR (extrapolated) = 0.255 W/kg

SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.059 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 54.4%

Maximum value of SAR (measured) = 0.144 W/kg



0 dB = 0.158 W/kg = -7.68 dBW/kg

BT Body Top 10mm

Communication System: UID 10030 - CAA, IEEE 802.15.1 Bluetooth (GFSK, DH1); Communication System Band: ISM 2.4 GHz Band (2400.0 - 2483.5 MHz); Frequency: 2441 MHz; Communication System PAR: 5.295 dB; PMF: 1.83865
 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.89$ S/m; $\epsilon_r = 38$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASY6 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(8.07, 8.07, 8.07) @ 2441 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

BT Flat/Top/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 1.25 V/m; Power Drift = 0.02 dB

Fast SAR: SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.029 W/kg

Maximum value of SAR (interpolated) = 0.076 W/kg

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

Reference Value = 1.25 V/m; Power Drift = 0.02 dB

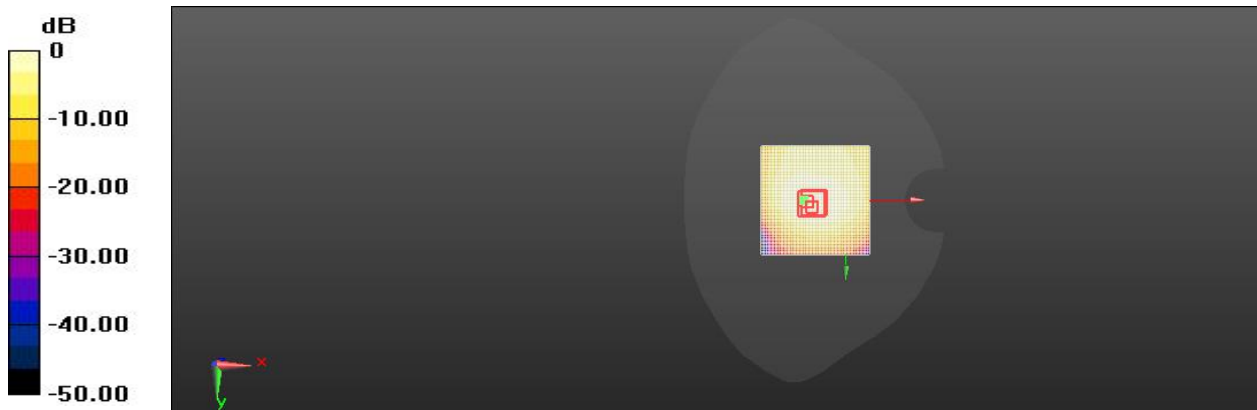
Peak SAR (extrapolated) = 0.135 W/kg

SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.025 W/kg

Smallest distance from peaks to all points 3 dB below = 9.4 mm

Ratio of SAR at M2 to SAR at M1 = 41.8%

Maximum value of SAR (measured) = 0.067 W/kg



0 dB = 0.076 W/kg = -7.29 dBW/kg

BT Body Facedown 15mm

Communication System: UID 10030 - CAA, IEEE 802.15.1 Bluetooth (GFSK, DH1); Communication System Band: ISM 2.4 GHz Band (2400.0 - 2483.5 MHz); Frequency: 2480 MHz; Communication System PAR: 5.295 dB; PMF: 1.83865
 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.89$ S/m; $\epsilon_r = 38$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASY6 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(8.07, 8.07, 8.07) @ 2480 MHz; Calibrated: 2022-01-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-12-30
- Phantom: SAM 3; Type: QD 000 P41 AA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Reference Value = 0.421 V/m; Power Drift = 0.05 dB

Fast SAR: SAR(1 g) = 0.012 W/kg; SAR(10 g) = 0.006 W/kg

Maximum value of SAR (interpolated) = 0.015 W/kg

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

Reference Value = 0.421 V/m; Power Drift = 0.05 dB

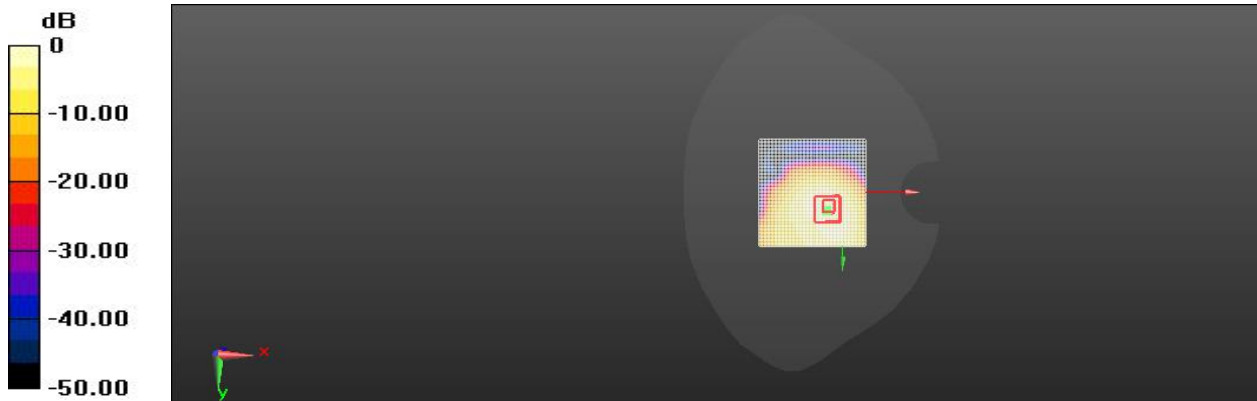
Peak SAR (extrapolated) = 0.026 W/kg

SAR(1 g) = 0.009 W/kg; SAR(10 g) = 0.004 W/kg

Smallest distance from peaks to all points 3 dB below = 10.2 mm

Ratio of SAR at M2 to SAR at M1 = 34.2%

Maximum value of SAR (measured) = 0.011 W/kg



0 dB = 0.015 W/kg = -8.25 dBW/kg