

Appendix B. MEASUREMENT SCANS

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; $\sigma = 0.89$ S/m; $\epsilon_r = 41.478$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(10.21, 10.21, 10.21) @ 836.6 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM4; Type: QD 000 P41 AA; Serial: 2025
- DASY52 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 = 10.48 V/m; Power Drift = -0.05 dB

Fast SAR: SAR(1 g) = 0.383 W/kg; SAR(10 g) = 0.189 W/kg

Maximum value of SAR (interpolated) = 0.405 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 = 10.48 V/m; Power Drift = -0.05 dB

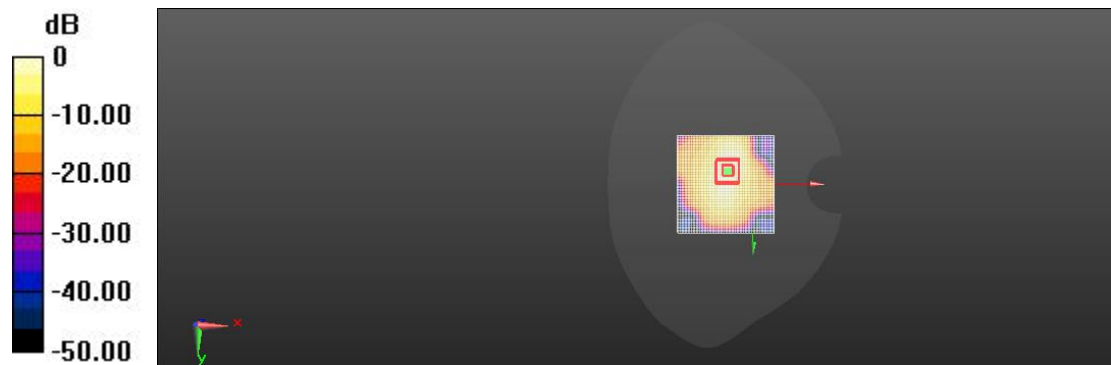
Peak SAR (extrapolated) = 0.764 W/kg

SAR(1 g) = 0.362 W/kg; SAR(10 g) = 0.177 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 52.1%

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



$$0 \text{ dB} = 0.405 \text{ W/kg} = -3.52 \text{ dBW/kg}$$

GSM850 Body Facedown Mid 15mm

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; $\sigma = 0.89$ S/m; $\epsilon_r = 41.478$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(10.21, 10.21, 10.21) @ 836.6 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM4; Type: QD 000 P41 AA; Serial: 2025
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Reference Value = 9.524 V/m; Power Drift = 0.19 dB

Fast SAR: SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.188 W/kg

Maximum value of SAR (interpolated) = 0.358 W/kg

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

Reference Value = 9.524 V/m; Power Drift = 0.19 dB

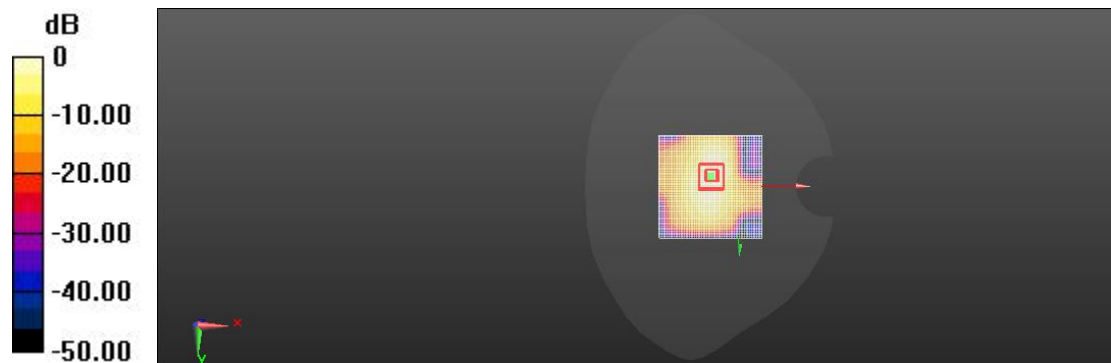
Peak SAR (extrapolated) = 0.696 W/kg

SAR(1 g) = 0.309 W/kg; SAR(10 g) = 0.169 W/kg

Smallest distance from peaks to all points 3 dB below = 8.8 mm

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

Maximum value of SAR (measured) = 0.335 W/kg



$$0 \text{ dB} = 0.358 \text{ W/kg} = -2.46 \text{ dBW/kg}$$

GSM850 Head Right Cheek Mid

Communication System: UID 0, Left Cheek-Mid; Communication System Band: GSM 850 (824.0 - 849.0 MHz);
Frequency: 836.6 MHz; Communication System PAR: 7.78 dB; PMF: 2.07253
Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 41.478$; $\rho = 1000$ kg/m³
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(10.21, 10.21, 10.21) @ 836.6 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM4; Type: QD 000 P41 AA; Serial: 2025
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Reference Value = 2.260 V/m; Power Drift = 0.12 dB

Fast SAR: SAR(1 g) = 0.223 W/kg; SAR(10 g) = 0.123 W/kg

Maximum value of SAR (interpolated) = 0. W/kg

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

Reference Value = 2.260 V/m; Power Drift = 0.12 dB

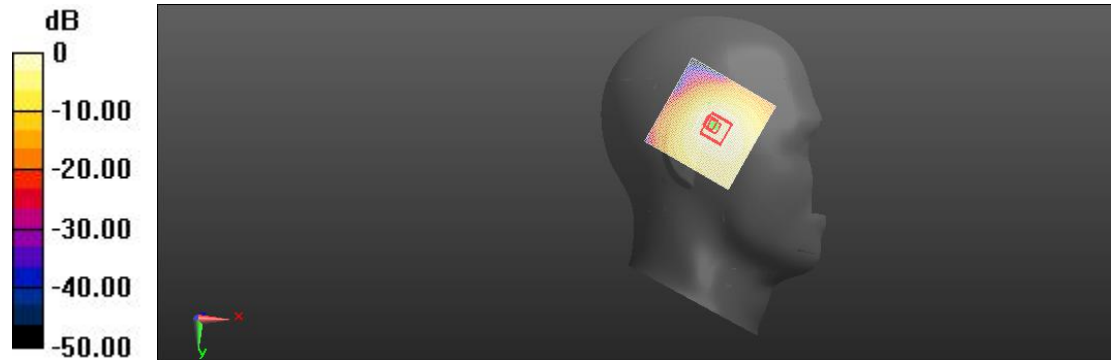
Peak SAR (extrapolated) = 0.356 W/kg

SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.101 W/kg

Smallest distance from peaks to all points 3 dB below = 9.3 mm

Ratio of SAR at M2 to SAR at M1 = 54.3%

Maximum value of SAR (measured) = 0.174 W/kg



0 dB = 0.181 W/kg = 3.11 dBW/kg

GSM1900 Body Facedown Mid 10mm

Communication System: UID 10001, 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: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(8.59, 8.59, 8.59) @ 1880 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM4; Type: QD 000 P41 AA; Serial: 2025
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

1900_GSM1900/GSM1900 Facedown 10mm Mid/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 3.23 V/m; Power Drift = 0.08 dB

Fast SAR: SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.031 W/kg

Maximum value of SAR (interpolated) = 0.073 W/kg

1900_GSM1900/GSM1900 Facedown 10mm Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.23 V/m; Power Drift = 0.08 dB

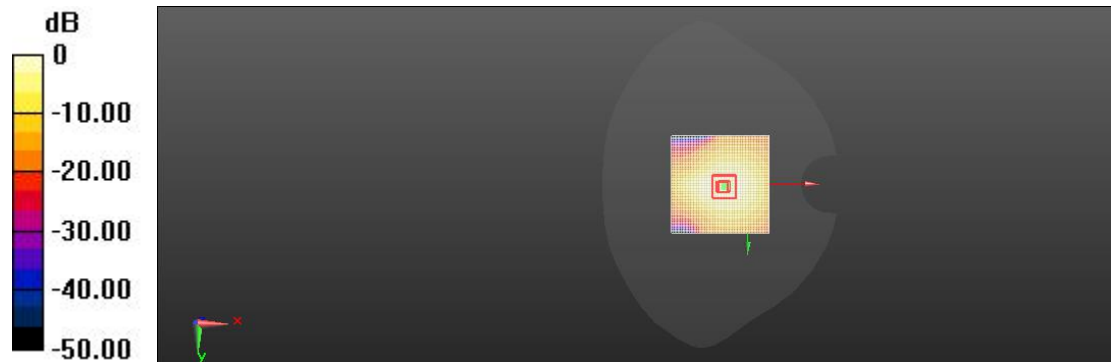
Peak SAR (extrapolated) = 0.132 W/kg

SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.028 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 60.8%

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



0 dB = 0.073 W/kg = -6.88 dBW/kg

GSM1900 Body Facedown Mid 15mm

Communication System: UID 10001, 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: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(8.59, 8.59, 8.59) @ 1880 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM4; Type: QD 000 P41 AA; Serial: 2025
- DASYS 52.10.4(1527); SEMCAD X 14.6.14(7483)

1900_GSM1900/GSM1900 Facedown 15mm/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 1.93 V/m; Power Drift = 0.04 dB

Fast SAR: SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.019 W/kg

Maximum value of SAR (interpolated) = 0.042 W/kg

1900_GSM1900/GSM1900 Facedown 15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 1.93 V/m; Power Drift = 0.04 dB

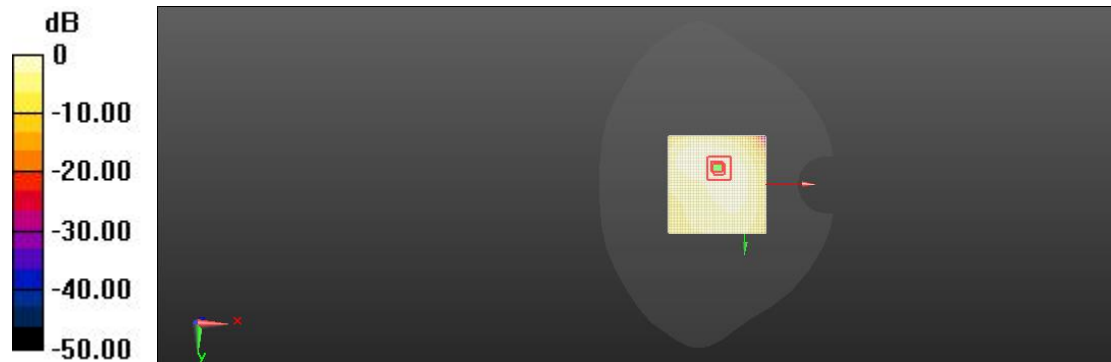
Peak SAR (extrapolated) = 0.072 W/kg

SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.015 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 71.8%

Maximum value of SAR (measured) = 0.033 W/kg



0 dB = 0.042 W/kg = -9.24 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: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(8.59, 8.59, 8.59) @ 1880 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM4; Type: QD 000 P41 AA; Serial: 2025
- DASYS 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 = 3.783 V/m; Power Drift = 0.04 dB

Fast SAR: SAR(1 g) = 0.316 W/kg; SAR(10 g) = 0.160 W/kg

Maximum value of SAR (interpolated) = 0.332 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 = 3.783 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.638 W/kg

SAR(1 g) = 0.300 W/kg; SAR(10 g) = 0.144 W/kg

Smallest distance from peaks to all points 3 dB below = 10.9 mm

Ratio of SAR at M2 to SAR at M1 = 69.5%

Maximum value of SAR (measured) = 0.321 W/kg



$$0 \text{ dB} = 0.332 \text{ W/kg} = -2.15 \text{ dBW/kg}$$

WCDMA Band2 Body Facedown 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: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(8.59, 8.59, 8.59) @ 1880 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM4; Type: QD 000 P41 AA; Serial: 2025
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Reference Value = 4.06 V/m; Power Drift = 0.04 dB

Fast SAR: SAR(1 g) = 0.259 W/kg; SAR(10 g) = 0.127 W/kg

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

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

Reference Value = 4.06 V/m; Power Drift = 0.04 dB

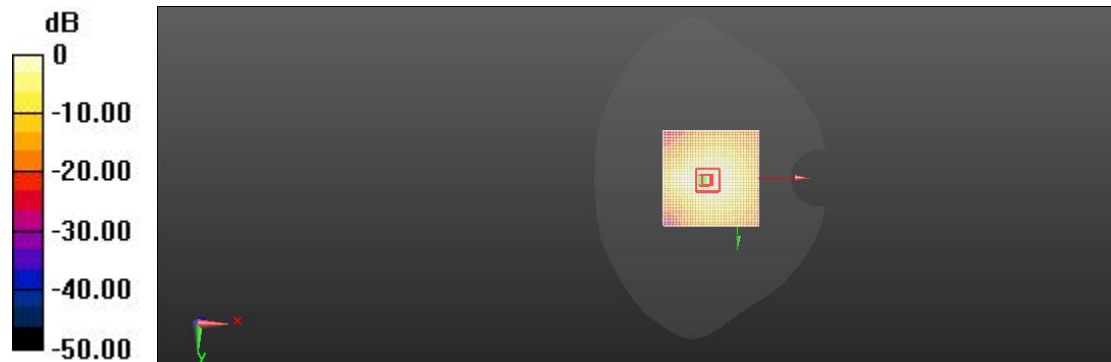
Peak SAR (extrapolated) = 0.518 W/kg

SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.112 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 63.4%

Maximum value of SAR (measured) = 0.256 W/kg



$$0 \text{ dB} = 0.276 \text{ W/kg} = -2.30 \text{ dBW/kg}$$

WCDMA Band2 Body Facedown Mid 15mm

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: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(8.59, 8.59, 8.59) @ 1880 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM4; Type: QD 000 P41 AA; Serial: 2025
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

UMTS Band 2_body facedown/Mid 15mm/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 3.46 V/m; Power Drift = -0.05 dB

Fast SAR: SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.075 W/kg

Maximum value of SAR (interpolated) = 0.163 W/kg

UMTS Band 2_body facedown/Mid 15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.46 V/m; Power Drift = -0.05 dB

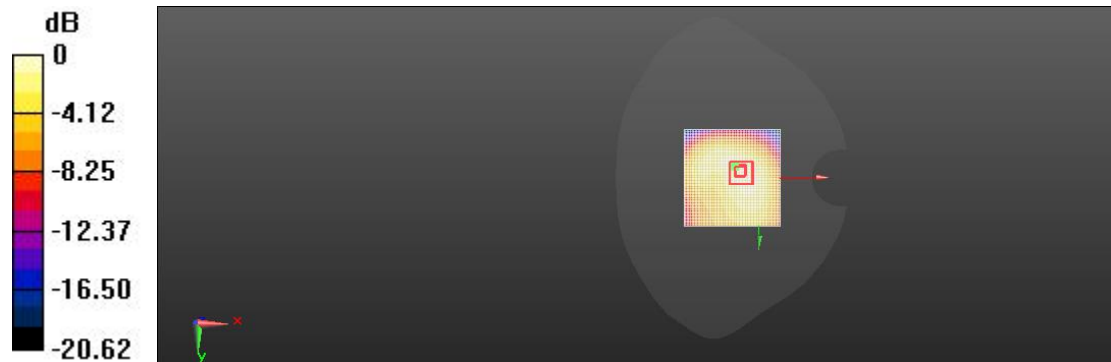
Peak SAR (extrapolated) = 0.318 W/kg

SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.069 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 62.2%

Maximum value of SAR (measured) = 0.142 W/kg



0 dB = 0.163 W/kg = -7.12 dBW/kg

WCDMA Band2 Head Right Cheek Mid

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: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(8.59, 8.59, 8.59) @ 1880 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM4; Type: QD 000 P41 AA; Serial: 2025
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Reference Value = 1.76 V/m; Power Drift = 0.12 dB

Fast SAR: SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.078 W/kg

Maximum value of SAR (interpolated) = 0.153 W/kg

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

Reference Value = 1.76 V/m; Power Drift = 0.12 dB

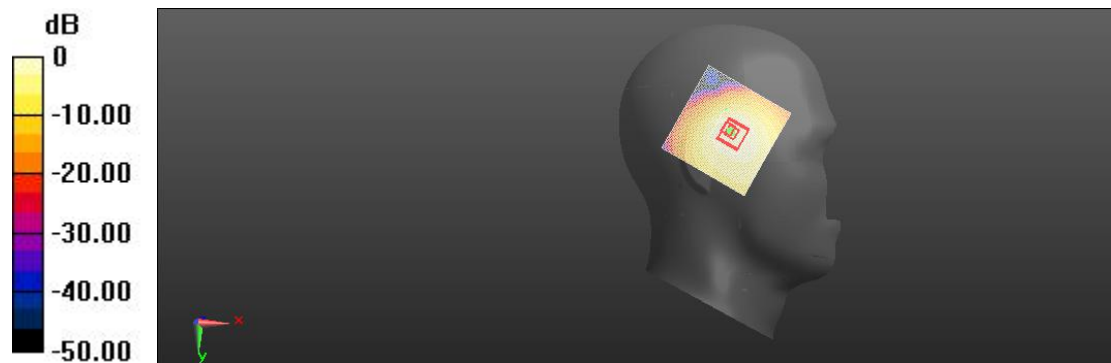
Peak SAR (extrapolated) = 0.296 W/kg

SAR(1 g) = 0.130 W/kg; SAR(10 g) = 0.067 W/kg

Smallest distance from peaks to all points 3 dB below = 12.7 mm

Ratio of SAR at M2 to SAR at M1 = 66.1%

Maximum value of SAR (measured) = 0.143 W/kg



$$0 \text{ dB} = 0.153 \text{ W/kg} = -10.74 \text{ dBW/kg}$$

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

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(10.21, 10.21, 10.21) @ 836.6 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM4; Type: QD 000 P41 AA; Serial: 2025
- DASYS 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 = 8.64 V/m; Power Drift = 0.06 dB

Fast SAR: SAR(1 g) = 0.526 W/kg; SAR(10 g) = 0.286 W/kg

Maximum value of SAR (interpolated) = 0.545 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 = 8.64 V/m; Power Drift = 0.06 dB

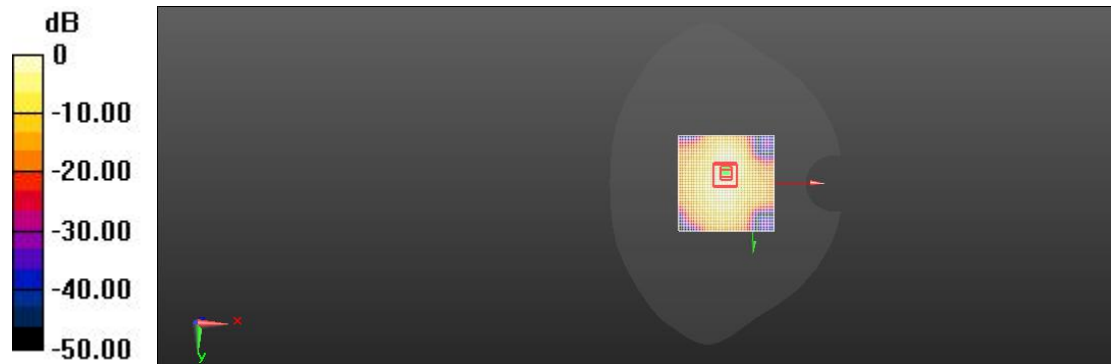
Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.494 W/kg; SAR(10 g) = 0.268 W/kg

Smallest distance from peaks to all points 3 dB below = 9.3 mm

Ratio of SAR at M2 to SAR at M1 = 51.6%

Maximum value of SAR (measured) = 0.518 W/kg



$$0 \text{ dB} = 0.545 \text{ W/kg} = 1.97 \text{ dBW/kg}$$

WCDMA Band5 Body Facedown Mid 15mm

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 - SN3881; ConvF(10.21, 10.21, 10.21) @ 836.6 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM4; Type: QD 000 P41 AA; Serial: 2025
- DASYS 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Reference Value = 5.26 V/m; Power Drift = 0.07 dB

Fast SAR: SAR(1 g) = 0.386 W/kg; SAR(10 g) = 0.218 W/kg

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

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

Reference Value = 5.26 V/m; Power Drift = 0.07 dB

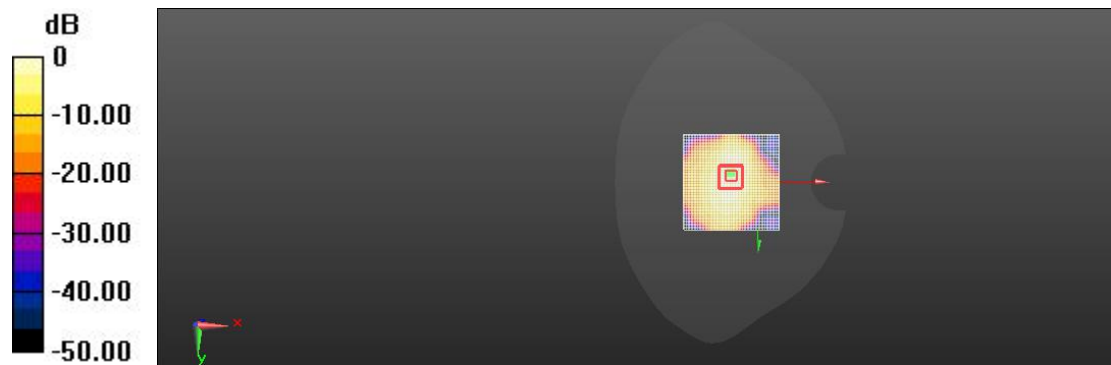
Peak SAR (extrapolated) = 0.785 W/kg

SAR(1 g) = 0.367 W/kg; SAR(10 g) = 0.195 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 56%

Maximum value of SAR (measured) = 0.384 W/kg



$$0 \text{ dB} = 0.398 \text{ W/kg} = 1.49 \text{ dBW/kg}$$

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

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(10.21, 10.21, 10.21) @ 836.6 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM4; Type: QD 000 P41 AA; Serial: 2025
- DASYS 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 = 6.220 V/m; Power Drift = 0.15 dB

Fast SAR: SAR(1 g) = 0.548 W/kg; SAR(10 g) = 0.295 W/kg

Maximum value of SAR (interpolated) = 0.572 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 = 6.220 V/m; Power Drift = 0.15 dB

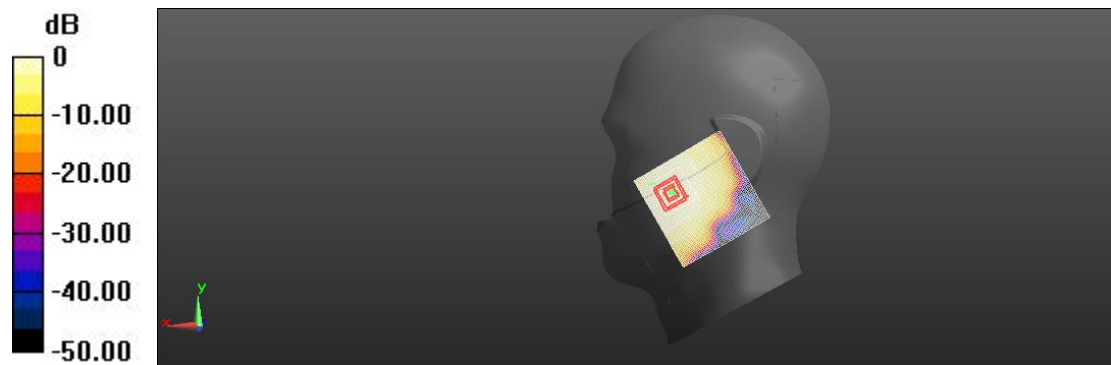
Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.522 W/kg; SAR(10 g) = 0.278 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 52.1%

Maximum value of SAR (measured) = 0.539 W/kg



$$0 \text{ dB} = 0.572 \text{ W/kg} = 2.91 \text{ dBW/kg}$$

LTE Band2 Body Facedown Mid 10mm

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 - SN3881; ConvF(8.59, 8.59, 8.59) @ 1880 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM4; Type: QD 000 P41 AA; Serial: 2025
- DASYS 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Reference Value = 2.54 V/m; Power Drift = 0.06 dB

Fast SAR: SAR(1 g) = 0.195 W/kg; SAR(10 g) = 0.108 W/kg

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

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

Reference Value = 2.54 V/m; Power Drift = 0.06 dB

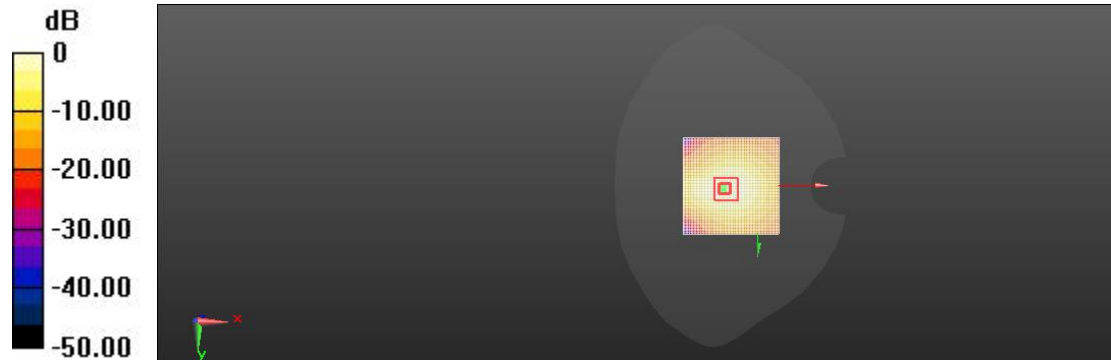
Peak SAR (extrapolated) = 0.412 W/kg

SAR(1 g) = 0.182 W/kg; SAR(10 g) = 0.095 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 60.4%

Maximum value of SAR (measured) = 0.209 W/kg



$$0 \text{ dB} = 0.216 \text{ W/kg} = -8.54 \text{ dBW/kg}$$

LTE Band2 Body Facedown Mid 15mm

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: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(8.59, 8.59, 8.59) @ 1880 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM4; 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 = 2.33 V/m; Power Drift = 0.04 dB

Fast SAR: SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.062 W/kg

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

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

Reference Value = 2.33 V/m; Power Drift = 0.04 dB

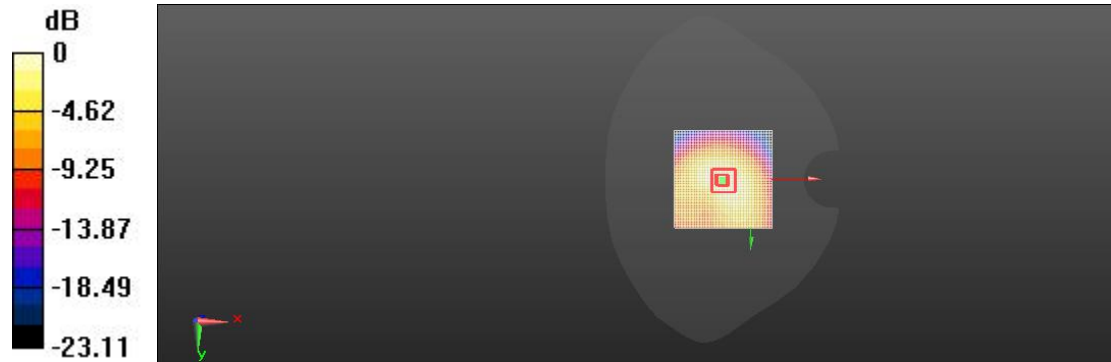
Peak SAR (extrapolated) = 0.242 W/kg

SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.056 W/kg

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

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

Maximum value of SAR (measured) = 0.109 W/kg



$$0 \text{ dB} = 0.127 \text{ W/kg} = -9.13 \text{ dBW/kg}$$

LTE Band2 Head Right Cheek Mid

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: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(8.59, 8.59, 8.59) @ 1880 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM4; 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 = 1.59 V/m; Power Drift = 0.18 dB

Fast SAR: SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.062 W/kg

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

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

Reference Value = 1.59 V/m; Power Drift = 0.18 dB

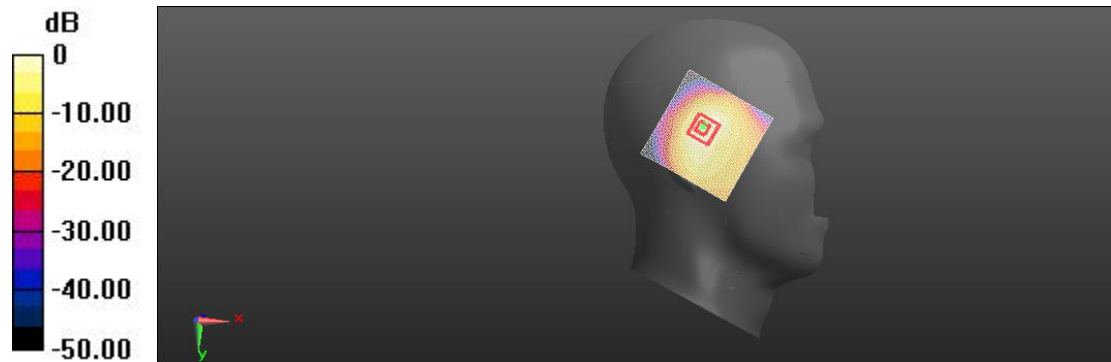
Peak SAR (extrapolated) = 0.244 W/kg

SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.054 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 73.5%

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



$$0 \text{ dB} = 0.125 \text{ W/kg} = -9.58 \text{ dBW/kg}$$

LTE Band4 Body Facedown Mid 10mm

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

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(8.82, 8.82, 8.82) @ 1732.5 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM4; Type: QD 000 P41 AA; Serial: 2025
- DASYS 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Reference Value = 4.26 V/m; Power Drift = 0.06 dB

Fast SAR: SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.178 W/kg

Maximum value of SAR (interpolated) = 0.371 W/kg

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

Reference Value = 4.26 V/m; Power Drift = 0.06 dB

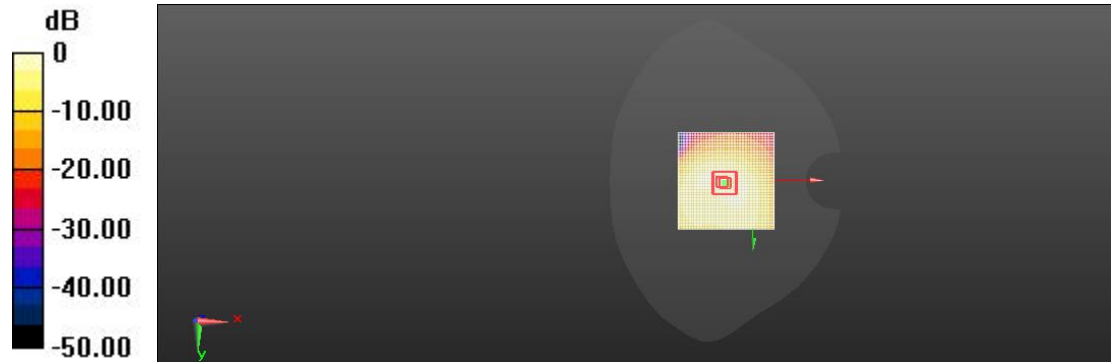
Peak SAR (extrapolated) = 0.718 W/kg

SAR(1 g) = 0.322 W/kg; SAR(10 g) = 0.169 W/kg

Smallest distance from peaks to all points 3 dB below = 11.3 mm

Ratio of SAR at M2 to SAR at M1 = 65.8%

Maximum value of SAR (measured) = 0.336 W/kg



$$0 \text{ dB} = 0.371 \text{ W/kg} = 1.38 \text{ dBW/kg}$$

LTE Band4 Body Facedown Mid 15mm

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: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(8.82, 8.82, 8.82) @ 1732.5 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM4; 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 = 2.18 V/m; Power Drift = 0.06 dB

Fast SAR: SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.096 W/kg

Maximum value of SAR (interpolated) = 0.196 W/kg

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

Reference Value = 2.18 V/m; Power Drift = 0.06 dB

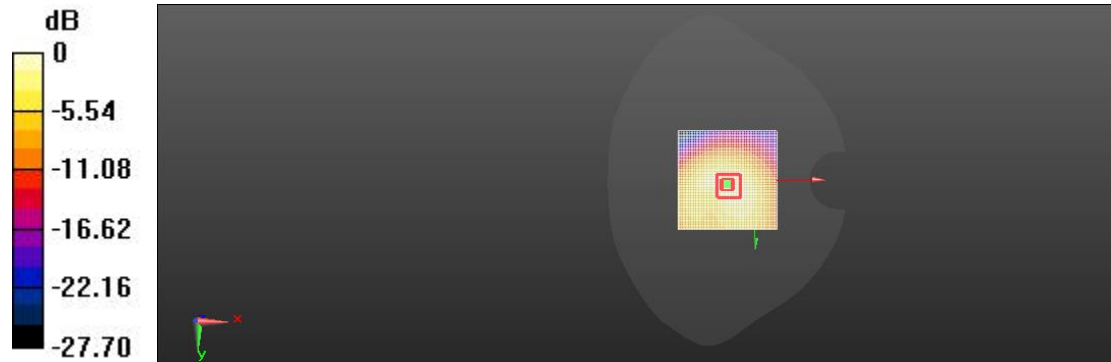
Peak SAR (extrapolated) = 0.377 W/kg

SAR(1 g) = 0.174 W/kg; SAR(10 g) = 0.088 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 66.2%

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



$$0 \text{ dB} = 0.196 \text{ W/kg} = -7.46 \text{ dBW/kg}$$

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

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(8.82, 8.82, 8.82) @ 1732.5 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM4; 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 = 2.471 V/m; Power Drift = 0.08 dB

Fast SAR: SAR(1 g) = 0.168 W/kg; SAR(10 g) = 0.085 W/kg

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

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

Reference Value = 2.471 V/m; Power Drift = 0.08 dB

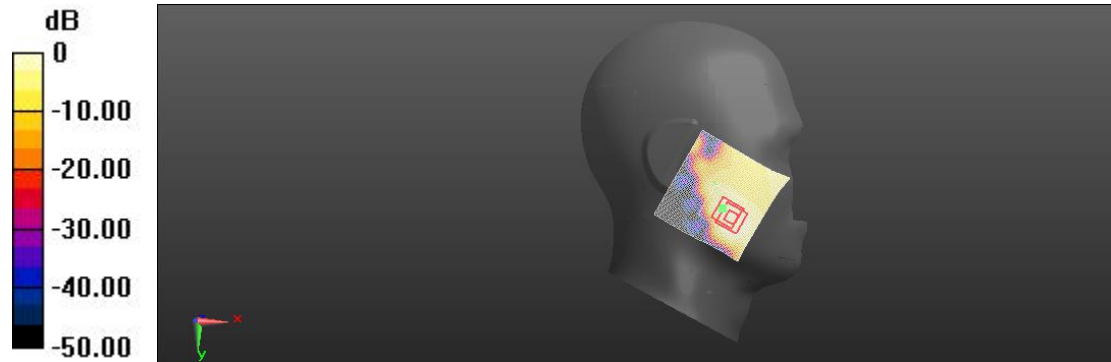
Peak SAR (extrapolated) = 0.338 W/kg

SAR(1 g) = 0.150 W/kg; SAR(10 g) = 0.078 W/kg

Smallest distance from peaks to all points 3 dB below = 11.3 mm

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

Maximum value of SAR (measured) = 0.165 W/kg



$$0 \text{ dB} = 0.179 \text{ W/kg} = -11.36 \text{ dBW/kg}$$

LTE Band5 (10MHz) Body Facedown 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: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(10.21, 10.21, 10.21) @ 836.5 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM4; Type: QD 000 P41 AA; Serial: 2025
- DASYS 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Reference Value = 7.03 V/m; Power Drift = 0.05 dB

Fast SAR: SAR(1 g) = 0.404 W/kg; SAR(10 g) = 0.213 W/kg

Maximum value of SAR (interpolated) = 0.423 W/kg

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

Reference Value = 7.03 V/m; Power Drift = 0.05 dB

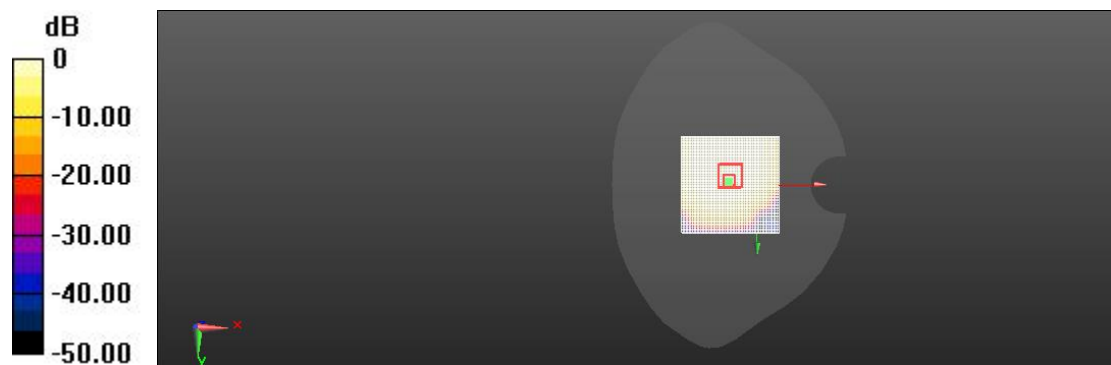
Peak SAR (extrapolated) = 0.819 W/kg

SAR(1 g) = 0.385 W/kg; SAR(10 g) = 0.188 W/kg

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

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

Maximum value of SAR (measured) = 0.396 W/kg



$$0 \text{ dB} = 0.423 \text{ W/kg} = -9.54 \text{ dBW/kg}$$

LTE Band5 (10MHz) Body Facedown Mid 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: 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: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(10.21, 10.21, 10.21) @ 836.5 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM4; 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 = 7.74 V/m; Power Drift = 0.04 dB

Fast SAR: SAR(1 g) = 0.299 W/kg; SAR(10 g) = 0.158 W/kg

Maximum value of SAR (interpolated) = 0.318 W/kg

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

Reference Value = 7.74 V/m; Power Drift = 0.04 dB

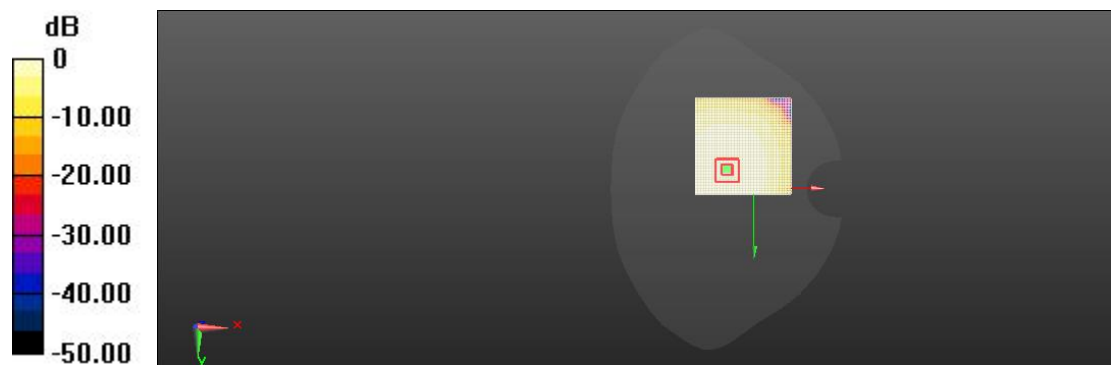
Peak SAR (extrapolated) = 0.608 W/kg

SAR(1 g) = 0.284 W/kg; SAR(10 g) = 0.152 W/kg

Smallest distance from peaks to all points 3 dB below = 9.8 mm

Ratio of SAR at M2 to SAR at M1 = 81.8%

Maximum value of SAR (measured) = 0.302 W/kg



$$0 \text{ dB} = 0.318 \text{ W/kg} = -6.60 \text{ dBW/kg}$$

LTE Band5 (10MHz) Head Right 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: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(10.21, 10.21, 10.21) @ 836.5 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM4; 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 = 7.69 V/m; Power Drift = 0.03 dB

Fast SAR: SAR(1 g) = 0.416 W/kg; SAR(10 g) = 0.214 W/kg

Maximum value of SAR (interpolated) = 0.432 W/kg

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

Reference Value = 7.69 V/m; Power Drift = 0.03 dB

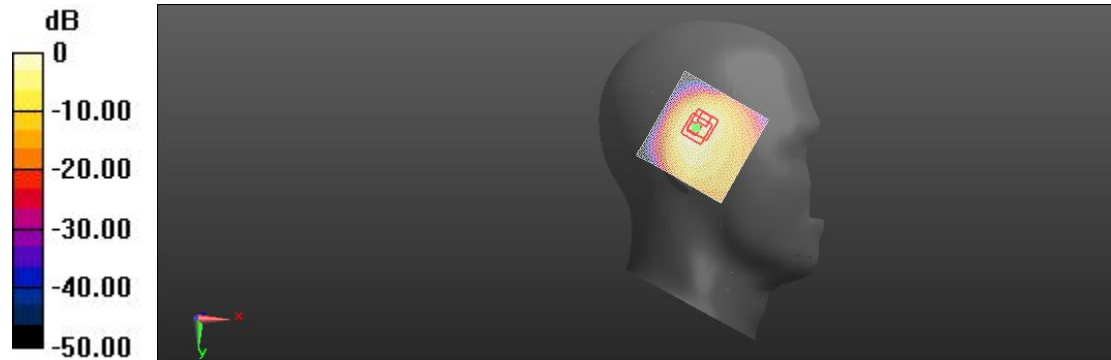
Peak SAR (extrapolated) = 0.842 W/kg

SAR(1 g) = 0.398 W/kg; SAR(10 g) = 0.193 W/kg

Smallest distance from peaks to all points 3 dB below = 9.3 mm

Ratio of SAR at M2 to SAR at M1 = 86.4%

Maximum value of SAR (measured) = 0.415 W/kg



$$0 \text{ dB} = 0.432 \text{ W/kg} = 1.38 \text{ dBW/kg}$$

LTE Band7 Body Facedown Mid 10mm

Communication System: UID 0, LTE-FDD(CE); Communication System Band: Band7(20MHz); Frequency: 2535 MHz; Communication System PAR: 0 dB; PMF: 1

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

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(7.86, 7.86, 7.86) @ 2535 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM4; Type: QD 000 P41 AA; Serial: 2025
- DASYS 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Reference Value = 8.09 V/m; Power Drift = 0.11 dB

Fast SAR: SAR(1 g) = 0.618 W/kg; SAR(10 g) = 0.309 W/kg

Maximum value of SAR (interpolated) = 0.635 W/kg

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

Reference Value = 8.09 V/m; Power Drift = 0.11 dB

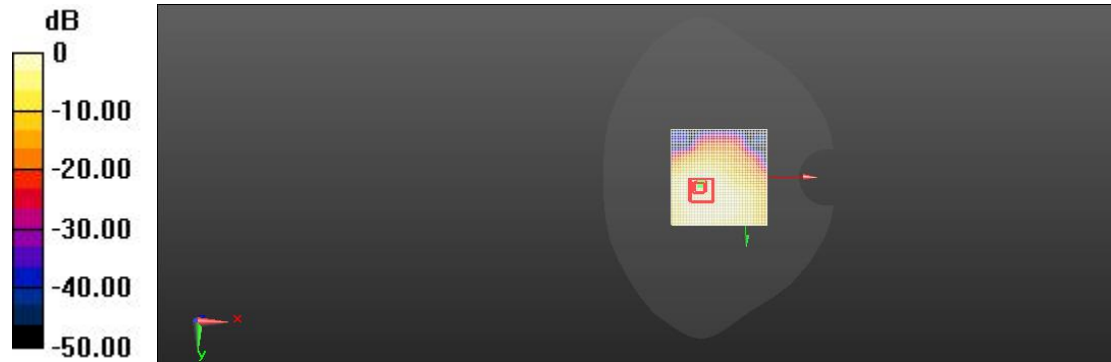
Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.590 W/kg; SAR(10 g) = 0.293 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 51%

Maximum value of SAR (measured) = 0.609 W/kg



$$0 \text{ dB} = 0.635 \text{ W/kg} = 3.26 \text{ dBW/kg}$$

LTE Band7 Body Facedown Mid 15mm

Communication System: UID 0, LTE-FDD(CE); Communication System Band: Band7(20MHz); Frequency: 2535 MHz; Communication System PAR: 0 dB; PMF: 1

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: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(7.86, 7.86, 7.86) @ 2535 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM4; 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 = 10.09 V/m; Power Drift = 0.07 dB

Fast SAR: SAR(1 g) = 0.294 W/kg; SAR(10 g) = 0.148 W/kg

Maximum value of SAR (interpolated) = 0.321 W/kg

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

Reference Value = 10.09 V/m; Power Drift = 0.07 dB

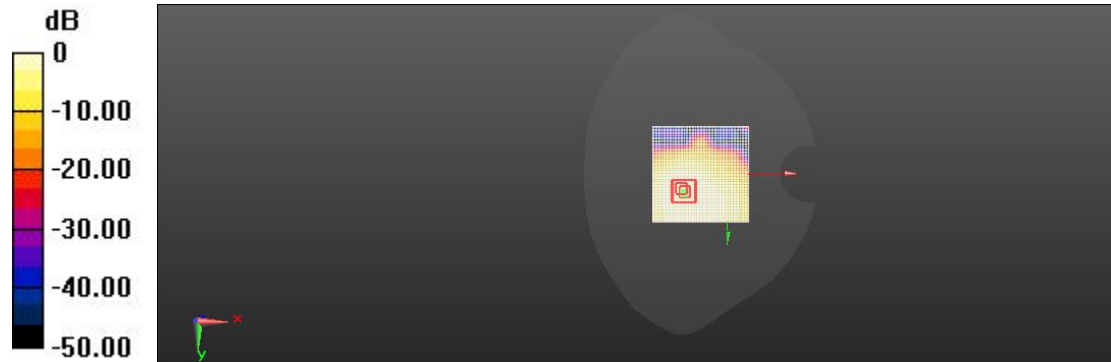
Peak SAR (extrapolated) = 0.584 W/kg

SAR(1 g) = 0.299 W/kg; SAR(10 g) = 0.153 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 51.9%

Maximum value of SAR (measured) = 0.325 W/kg



$$0 \text{ dB} = 0.325 \text{ W/kg} = -1.25 \text{ dBW/kg}$$

LTE Band7 Head Left Cheek Mid

Communication System: UID 0, LTE-FDD(CE); Communication System Band: Band7(20MHz); Frequency: 2535 MHz; Communication System PAR: 0 dB; PMF: 1

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

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(7.86, 7.86, 7.86) @ 2535 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM4; Type: QD 000 P41 AA; Serial: 2025
- DASY52 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 = 2.639 V/m; Power Drift = 0.14 dB

Fast SAR: SAR(1 g) = 0.184 W/kg; SAR(10 g) = 0.091 W/kg

Maximum value of SAR (interpolated) = 0.195 W/kg

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

Reference Value = 2.639 V/m; Power Drift = 0.14 dB

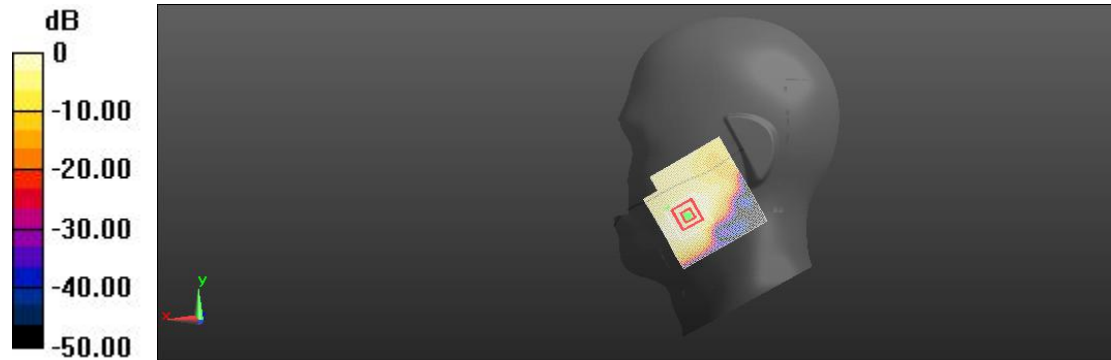
Peak SAR (extrapolated) = 0.344 W/kg

SAR(1 g) = 0.190 W/kg; SAR(10 g) = 0.078 W/kg

Smallest distance from peaks to all points 3 dB below = 11.3 mm

Ratio of SAR at M2 to SAR at M1 = 56.8%

Maximum value of SAR (measured) = 0.193 W/kg



$$0 \text{ dB} = 0.195 \text{ W/kg} = -4.82 \text{ dBW/kg}$$

LTE Band12 (10MHz) Body Facedown 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: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(10.48, 10.48, 10.48) @ 707.5 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM4; Type: QD 000 P41 AA; Serial: 2025
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Reference Value = 4.69 V/m; Power Drift = 0.06 dB

Fast SAR: SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.117 W/kg

Maximum value of SAR (interpolated) = 0.248 W/kg

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

Reference Value = 4.69 V/m; Power Drift = 0.06 dB

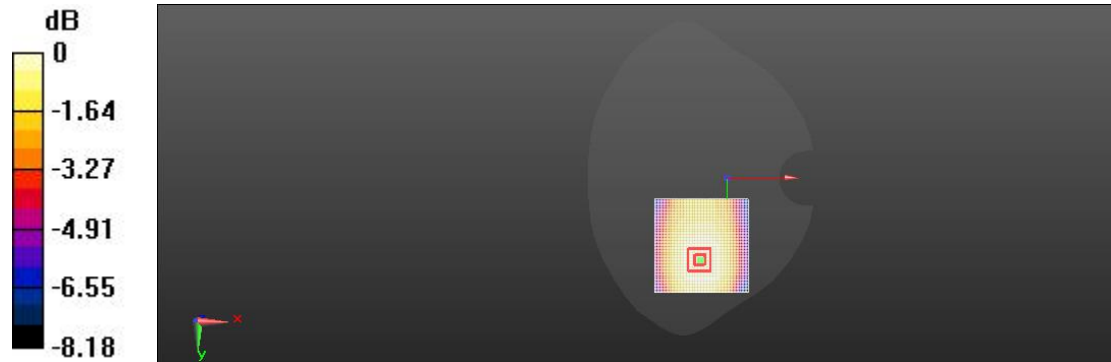
Peak SAR (extrapolated) = 0.468 W/kg

SAR(1 g) = 0.213 W/kg; SAR(10 g) = 0.108 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 66.7%

Maximum value of SAR (measured) = 0.238 W/kg



$$0 \text{ dB} = 0.248 \text{ W/kg} = -1.52 \text{ dBW/kg}$$

LTE Band12 (10MHz) Body Facedown Mid 15mm

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: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(10.48, 10.48, 10.48) @ 707.5 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM4; 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 = 5.945 V/m; Power Drift = 0.17 dB

Fast SAR: SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.098 W/kg

Maximum value of SAR (interpolated) = 0.228 W/kg

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

Reference Value = 5.945 V/m; Power Drift = 0.17 dB

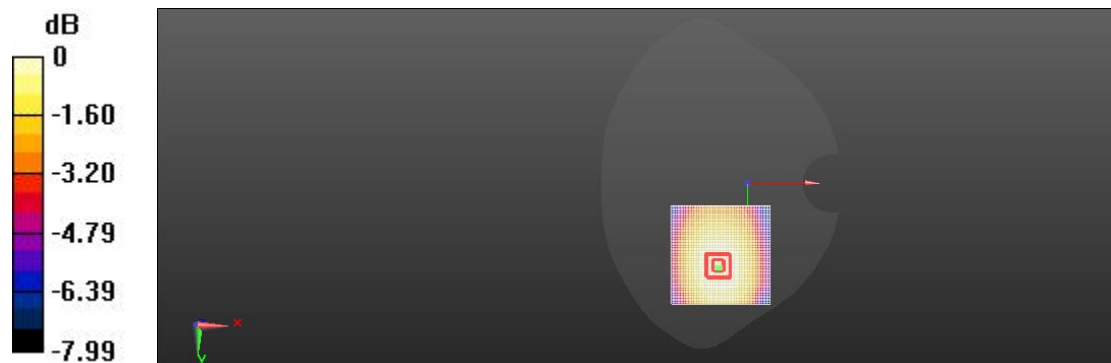
Peak SAR (extrapolated) = 0.428 W/kg

SAR(1 g) = 0.179 W/kg; SAR(10 g) = 0.086 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 81%

Maximum value of SAR (measured) = 0.196 W/kg



$$0 \text{ dB} = 0.228 \text{ W/kg} = -10.68 \text{ dBW/kg}$$

LTE Band12 (10MHz) Head Left Cheek Mid

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: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(10.48, 10.48, 10.48) @ 707.5 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM4; Type: QD 000 P41 AA; Serial: 2025
- DASY52 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 = 1.652 V/m; Power Drift = 0.17 dB

Fast SAR: SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.077 W/kg

Maximum value of SAR (interpolated) = 0.166 W/kg

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

Reference Value = 1.652 V/m; Power Drift = 0.17 dB

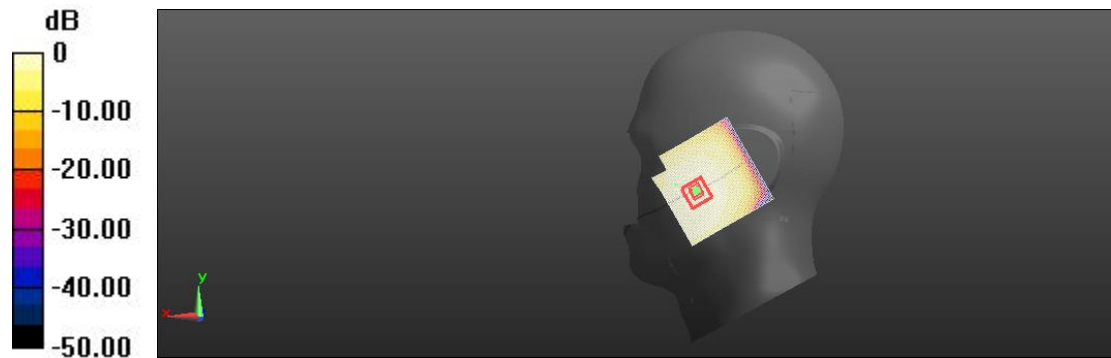
Peak SAR (extrapolated) = 0.331 W/kg

SAR(1 g) = 0.127 W/kg; SAR(10 g) = 0.064 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 90.5%

Maximum value of SAR (measured) = 0.152 W/kg



$$0 \text{ dB} = 0.166 \text{ W/kg} = -14.06 \text{ dBW/kg}$$

LTE Band26(15MHz) Body Facedown 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: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(10.21, 10.21, 10.21) @ 831.5 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM4; Type: QD 000 P41 AA; Serial: 2025
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Reference Value = 8.508 V/m; Power Drift = 0.04 dB

Fast SAR: SAR(1 g) = 0.398 W/kg; SAR(10 g) = 0.199 W/kg

Maximum value of SAR (interpolated) = 0.426 W/kg

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

Reference Value = 8.508 V/m; Power Drift = 0.04 dB

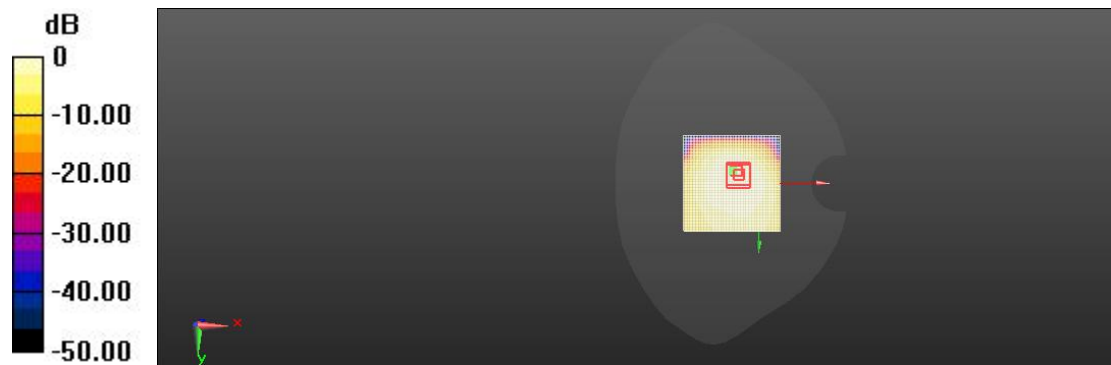
Peak SAR (extrapolated) = 0.816 W/kg

SAR(1 g) = 0.376 W/kg; SAR(10 g) = 0.188 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 55.6%

Maximum value of SAR (measured) = 0.389 W/kg



$$0 \text{ dB} = 0.426 \text{ W/kg} = -2.19 \text{ dBW/kg}$$

LTE Band26(15MHz) Body Facedown Mid 15mm

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: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(10.21, 10.21, 10.21) @ 831.5 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM4; 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 = 5.954 V/m; Power Drift = 0.11 dB

Fast SAR: SAR(1 g) = 0.286 W/kg; SAR(10 g) = 0.147 W/kg

Maximum value of SAR (interpolated) = 0.298 W/kg

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

Reference Value = 5.954 V/m; Power Drift = 0.11 dB

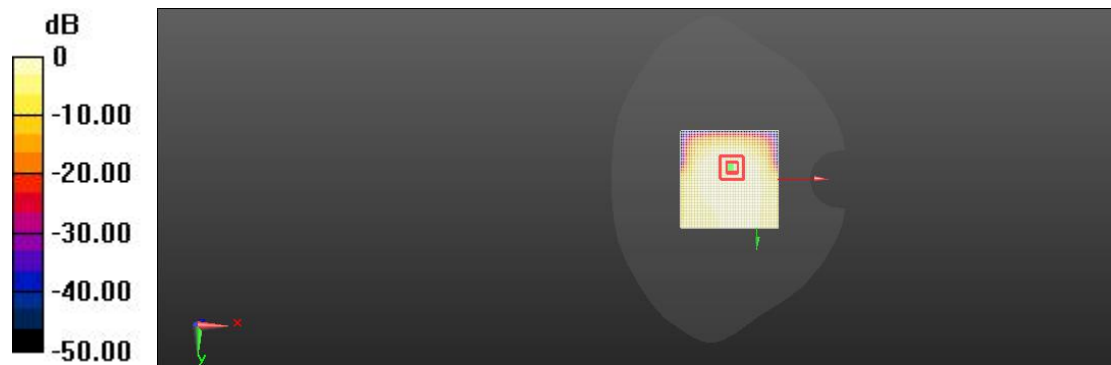
Peak SAR (extrapolated) = 0.579 W/kg

SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.138 W/kg

Smallest distance from peaks to all points 3 dB below = 9.5 mm

Ratio of SAR at M2 to SAR at M1 = 64.9%

Maximum value of SAR (measured) = 0.288 W/kg



$$0 \text{ dB} = 0.298 \text{ W/kg} = -3.64 \text{ dBW/kg}$$

LTE Band26(15MHz) Head Left Cheek Mid

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

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(10.21, 10.21, 10.21) @ 831.5 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM4; Type: QD 000 P41 AA; Serial: 2025
- DASYS 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 = 7.34 V/m; Power Drift = 0.01 dB

Fast SAR: SAR(1 g) = 0.423 W/kg; SAR(10 g) = 0.216 W/kg

Maximum value of SAR (interpolated) = 0.448 W/kg

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

Reference Value = 7.34 V/m; Power Drift = 0.01 dB

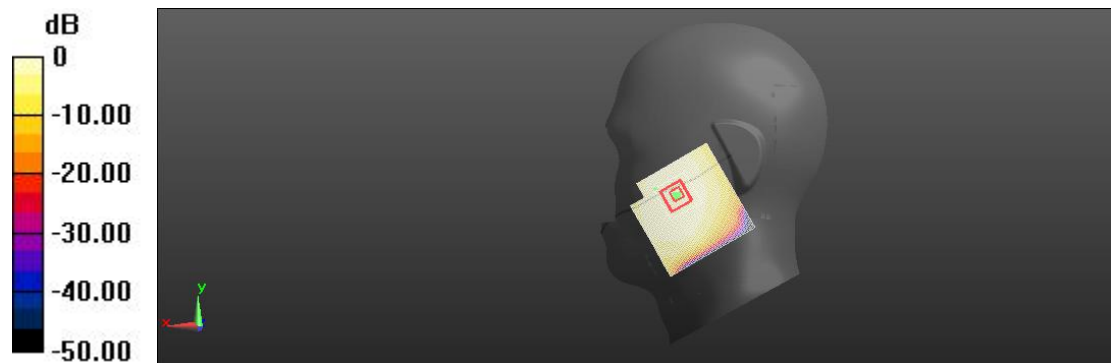
Peak SAR (extrapolated) = 0.869 W/kg

SAR(1 g) = 0.397 W/kg; SAR(10 g) = 0.214 W/kg

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

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

Maximum value of SAR (measured) = 0.436 W/kg



$$0 \text{ dB} = 0.448 \text{ W/kg} = 1.12 \text{ dBW/kg}$$

2.4G Body Facedown Mid 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: 2442 MHz; Communication System PAR: 1.872 dB; PMF: 1.04833
Medium parameters used (interpolated): $f = 2442$ MHz; $\sigma = 1.889$ S/m; $\epsilon_r = 37.997$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(8.07, 8.07, 8.07) @ 2442 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM3; Type: QD 000 P41 AA; Serial: 2025
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Reference Value = 8.882 V/m; Power Drift = -0.01 dB

Fast SAR: SAR(1 g) = 0.387 W/kg; SAR(10 g) = 0.194 W/kg

Maximum value of SAR (interpolated) = 0.408 W/kg

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

Reference Value = 8.882 V/m; Power Drift = -0.01 dB

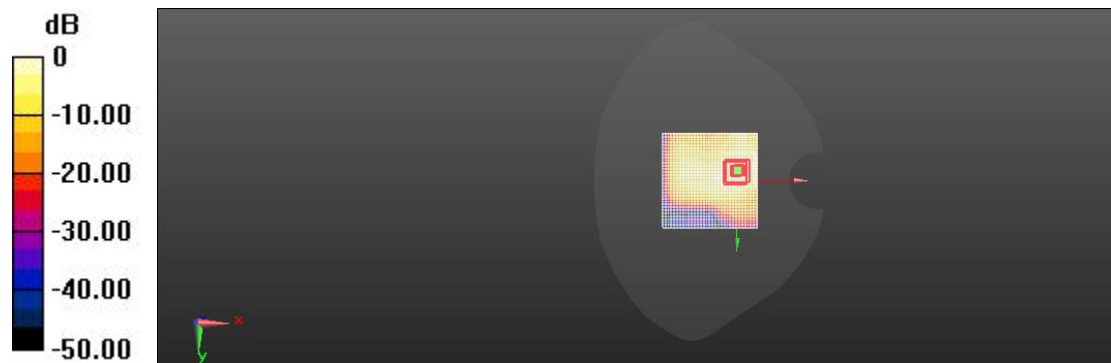
Peak SAR (extrapolated) = 0.784 W/kg

SAR(1 g) = 0.366 W/kg; SAR(10 g) = 0.181 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 45.3%

Maximum value of SAR (measured) = 0.391 W/kg



$$0 \text{ dB} = 0.408 \text{ W/kg} = -5.05 \text{ dBW/kg}$$

2.4G Body Facedown Mid 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: 2442 MHz; Communication System PAR: 1.872 dB;

PMF: 1.04833

Medium parameters used (interpolated): $f = 2442$ MHz; $\sigma = 1.889$ S/m; $\epsilon_r = 37.997$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(8.07, 8.07, 8.07) @ 2442 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM3; Type: QD 000 P41 AA; Serial: 2025
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Reference Value = 6.294 V/m; Power Drift = -0.16 dB

Fast SAR: SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.143 W/kg

Maximum value of SAR (interpolated) = 0.293 W/kg

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

Reference Value = 6.294 V/m; Power Drift = -0.16 dB

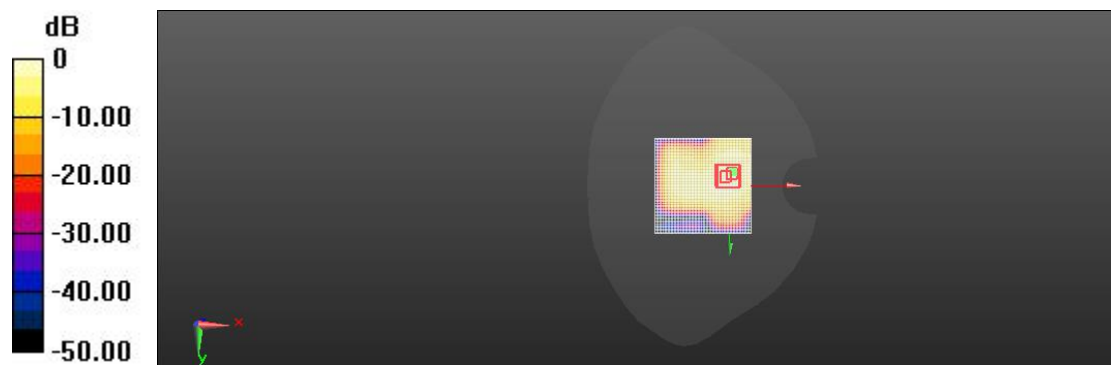
Peak SAR (extrapolated) = 0.558 W/kg

SAR(1 g) = 0.254 W/kg; SAR(10 g) = 0.134 W/kg

Smallest distance from peaks to all points 3 dB below = 13.6 mm

Ratio of SAR at M2 to SAR at M1 = 54.1%

Maximum value of SAR (measured) = 0.277 W/kg



$$0 \text{ dB} = 0.293 \text{ W/kg} = -8.05 \text{ dBW/kg}$$

2.4G Head Right Cheek Mid

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: 2442 MHz; Communication System PAR: 1.872 dB; PMF: 1.04833
Medium parameters used (interpolated): $f = 2442$ MHz; $\sigma = 1.889$ S/m; $\epsilon_r = 37.997$; $\rho = 1000$ kg/m³
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(8.07, 8.07, 8.07) @ 2442 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM3; Type: QD 000 P41 AA; Serial: 2025
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Reference Value = 8.599 V/m; Power Drift = 0.14 dB

Fast SAR: SAR(1 g) = 0.553 W/kg; SAR(10 g) = 0.288 W/kg

Maximum value of SAR (interpolated) = 0.578 W/kg

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

Reference Value = 8.599 V/m; Power Drift = 0.14 dB

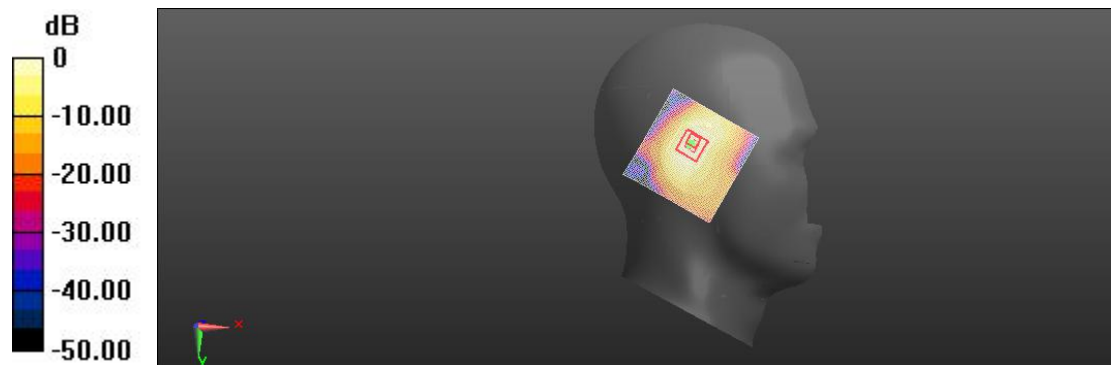
Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.525 W/kg; SAR(10 g) = 0.272 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 49.3%

Maximum value of SAR (measured) = 0.549 W/kg



$$0 \text{ dB} = 0.578 \text{ W/kg} = -0.57 \text{ dBW/kg}$$

5.2GWiFi Body Facedown Mid 10mm

Communication System: UID 0, 5G; Communication System Band: 5.2G; Frequency: 5200 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005

Medium parameters used: $f = 5200$ MHz; $\sigma = 4.51$ S/m; $\epsilon_r = 35.53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(5.22, 5.22, 5.22) @ 5200 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM-2; Type: QD 000 P40 CC; Serial: xxxx
- DASY52 52.8.8(1222); SEMCAD X 14.6.14(7483)

Facedown 10mm/Area Scan (91x91x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Reference Value = 9.457 V/m; Power Drift = 0.03 dB

Fast SAR: SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.088 W/kg

Maximum value of SAR (interpolated) = 0.201 W/kg

Facedown 10mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 9.457 V/m; Power Drift = 0.03 dB

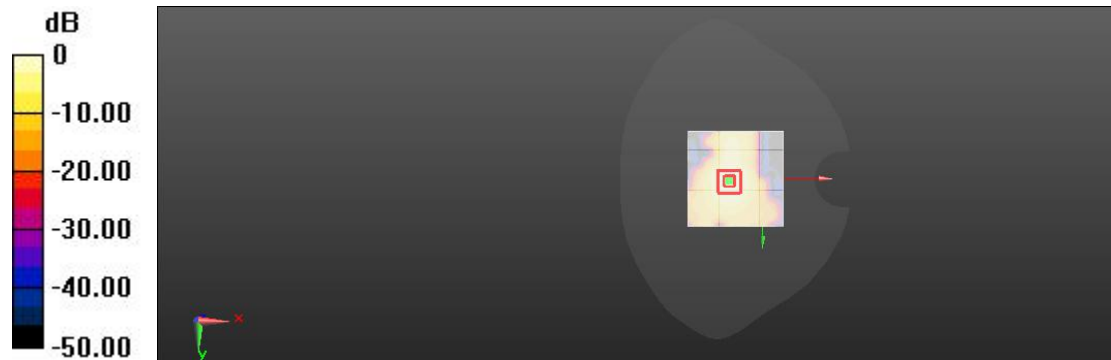
Peak SAR (extrapolated) = 0.351 W/kg

SAR(1 g) = 0.154 W/kg; SAR(10 g) = 0.079 W/kg

Smallest distance from peaks to all points 3 dB below = 10.8 mm

Ratio of SAR at M2 to SAR at M1 = 23.1%

Maximum value of SAR (measured) = 0.176 W/kg



$$0 \text{ dB} = 0.201 \text{ W/kg} = -3.16 \text{ dBW/kg}$$

5.2GWiFi Body Facedown Mid 15mm

Communication System: UID 0, 5G; Communication System Band: 5.2G; Frequency: 5200 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005

Medium parameters used: $f = 5200$ MHz; $\sigma = 4.51$ S/m; $\epsilon_r = 35.53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(5.22, 5.22, 5.22) @ 5200 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM-2; Type: QD 000 P40 CC; Serial: xxxx
- DASY52 52.8.8(1222); SEMCAD X 14.6.14(7483)

Facedown 15mm/Area Scan (91x91x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Reference Value = 5.101 V/m; Power Drift = 0.13 dB

Fast SAR: SAR(1 g) = 0.098 W/kg; SAR(10 g) = 0.052 W/kg

Maximum value of SAR (interpolated) = 0.118 W/kg

Facedown 15mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.101 V/m; Power Drift = 0.13 dB

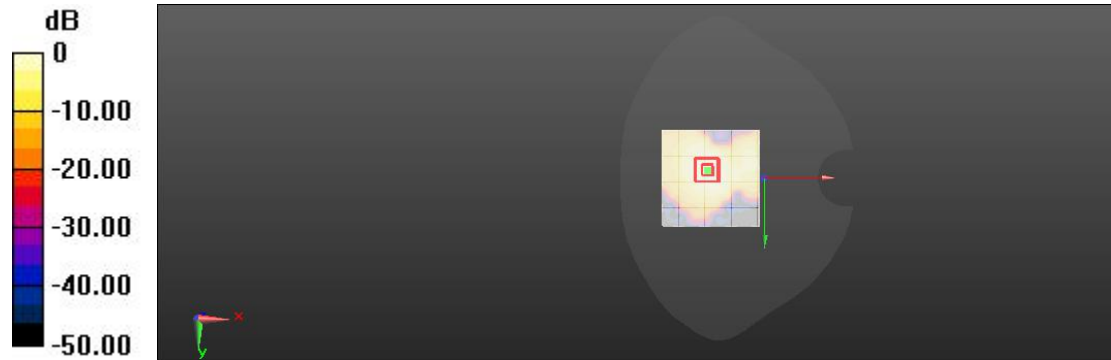
Peak SAR (extrapolated) = 0.215 W/kg

SAR(1 g) = 0.084 W/kg; SAR(10 g) = 0.041 W/kg

Smallest distance from peaks to all points 3 dB below = 12.1 mm

Ratio of SAR at M2 to SAR at M1 = 20%

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



$$0 \text{ dB} = 0.118 \text{ W/kg} = -3.49 \text{ dBW/kg}$$

5.2GWiFi Head Left Cheek Mid

Communication System: UID 0, 5G; Communication System Band: 5.2G; Frequency: 5200 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005

Medium parameters used: $f = 5200$ MHz; $\sigma = 4.51$ S/m; $\epsilon_r = 35.53$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(5.22, 5.22, 5.22) @ 5200 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM-2; Type: QD 000 P40 CC; Serial: xxxx
- DASY52 52.8.8(1222); SEMCAD X 14.6.14(7483)

Left Cheek/Area Scan (91x91x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Reference Value = 8.201 V/m; Power Drift = 0.01 dB

Fast SAR: SAR(1 g) = 0.098 W/kg; SAR(10 g) = 0.054 W/kg

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

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

Reference Value = 8.201 V/m; Power Drift = 0.01 dB

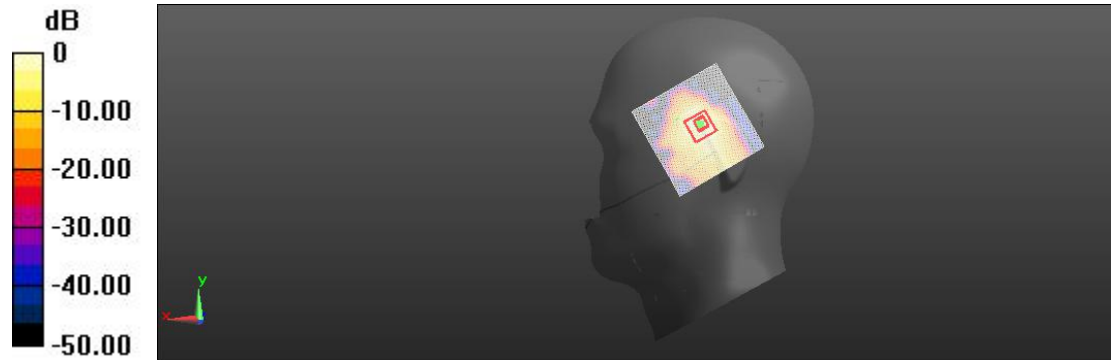
Peak SAR (extrapolated) = 0.230 W/kg

SAR(1 g) = 0.087 W/kg; SAR(10 g) = 0.043 W/kg

Smallest distance from peaks to all points 3 dB below = 6.7 mm

Ratio of SAR at M2 to SAR at M1 = 19.1%

Maximum value of SAR (measured) = 0.109 W/kg



$$0 \text{ dB} = 0.127 \text{ W/kg} = 0.73 \text{ dBW/kg}$$

5.3GWiFi Body Facedown Mid 10mm

Communication System: UID 0, 5G; Communication System Band: 5.3G; Frequency: 5280 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005

Medium parameters used: $f = 5200$ MHz; $\sigma = 4.51$ S/m; $\epsilon_r = 35.53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(5.22, 5.22, 5.22) @ 5280 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM-2; Type: QD 000 P40 CC; Serial: xxxx
- DASYS 52.8.8(1222); SEMCAD X 14.6.14(7483)

Facedown Mid/Area Scan (91x91x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Reference Value = 7.759 V/m; Power Drift = 0.15 dB

Fast SAR: SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.116 W/kg

Maximum value of SAR (interpolated) = 0.245 W/kg

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

Reference Value = 7.759 V/m; Power Drift = 0.15 dB

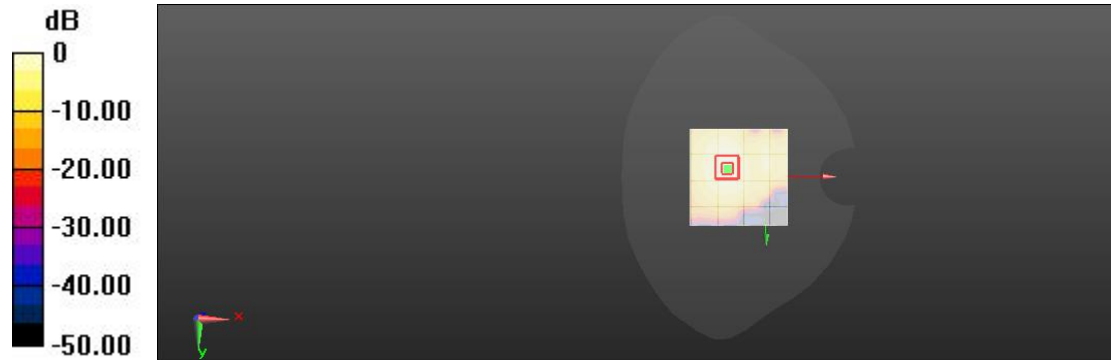
Peak SAR (extrapolated) = 0.396 W/kg

SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.095 W/kg

Smallest distance from peaks to all points 3 dB below = 13.6 mm

Ratio of SAR at M2 to SAR at M1 = 20.5%

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



$$0 \text{ dB} = 0.245 \text{ W/kg} = -3.36 \text{ dBW/kg}$$

5.3GWiFi Body Facedown Mid 15mm

Communication System: UID 0, 5G; Communication System Band: 5.3G; Frequency: 5280 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005

Medium parameters used: $f = 5200$ MHz; $\sigma = 4.51$ S/m; $\epsilon_r = 35.53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(5.22, 5.22, 5.22) @ 5280 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM-2; Type: QD 000 P40 CC; Serial: xxxx
- DASYS 52.8.8(1222); SEMCAD X 14.6.14(7483)

Facedown Mid/Area Scan (91x91x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Reference Value = 3.59 V/m; Power Drift = -0.05 dB

Fast SAR: SAR(1 g) = 0.138 W/kg; SAR(10 g) = 0.075 W/kg

Maximum value of SAR (interpolated) = 0.157 W/kg

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

Reference Value = 3.59 V/m; Power Drift = -0.05 dB

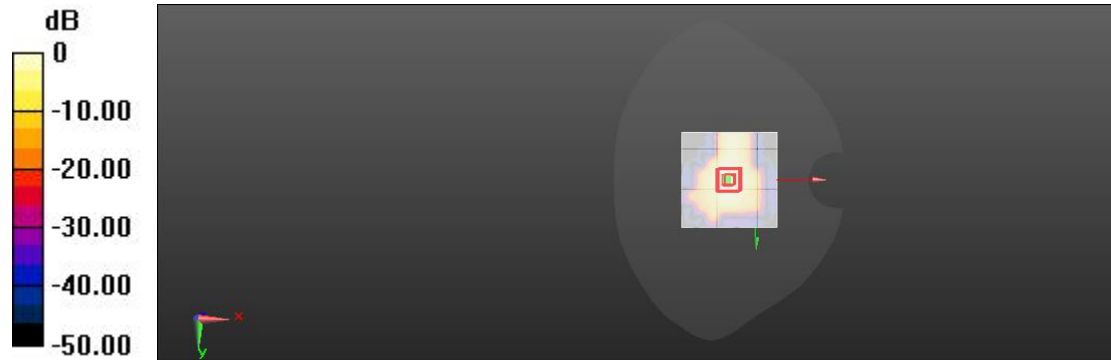
Peak SAR (extrapolated) = 0.277 W/kg

SAR(1 g) = 0.115 W/kg; SAR(10 g) = 0.063 W/kg

Smallest distance from peaks to all points 3 dB below = 10 mm

Ratio of SAR at M2 to SAR at M1 = 74.9%

Maximum value of SAR (measured) = 0.134 W/kg



$$0 \text{ dB} = 0.157 \text{ W/kg} = -8.28 \text{ dBW/kg}$$

5.3GWiFi Head Left Cheek Mid

Communication System: UID 0, 5G; Communication System Band: 5.3G; Frequency: 5280 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005

Medium parameters used: $f = 5300$ MHz; $\sigma = 4.73$ S/m; $\epsilon_r = 35.9$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(5.22, 5.22, 5.22) @ 5280 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM-2; Type: QD 000 P40 CC; Serial: xxxx
- DASY52 52.8.8(1222); SEMCAD X 14.6.14(7483)

Left Head/left Cheek/Area Scan (91x91x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Reference Value = 6.178 V/m; Power Drift = 0.16 dB

Fast SAR: SAR(1 g) = 0.128 W/kg; SAR(10 g) = 0.065 W/kg

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

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

Reference Value = 6.178 V/m; Power Drift = 0.16 dB

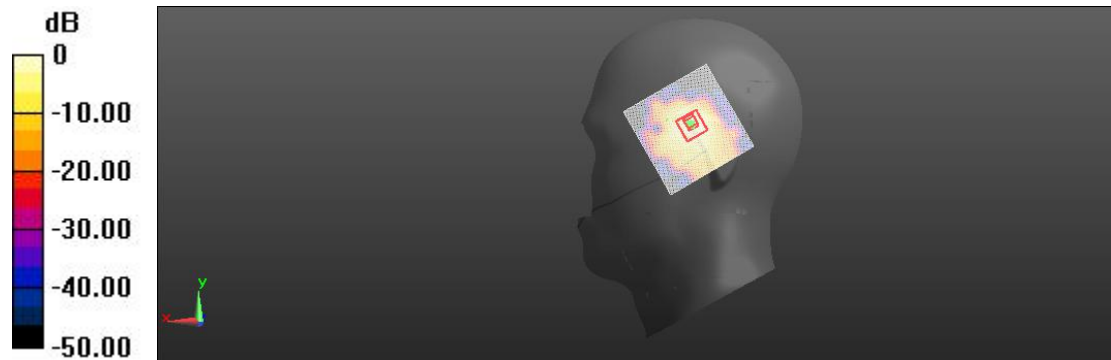
Peak SAR (extrapolated) = 0.264 W/kg

SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.044 W/kg

Smallest distance from peaks to all points 3 dB below = 7.1 mm

Ratio of SAR at M2 to SAR at M1 = 17.4%

Maximum value of SAR (measured) = 0.126 W/kg



$$0 \text{ dB} = 0.148 \text{ W/kg} = -0.54 \text{ dBW/kg}$$

5.5GWiFi Body Facedown Mid 10mm

Communication System: UID 0, 5G; Communication System Band: 5.5G; Frequency: 5520 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005

Medium parameters used: $f = 5500$ MHz; $\sigma = 4.87$ S/m; $\epsilon_r = 35.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(4.72, 4.72, 4.72) @ 5520 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM-2; Type: QD 000 P40 CC; Serial: xxxx
- DASY52 52.8.8(1222); SEMCAD X 14.6.14(7483)

Facedown/Area Scan (91x91x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Reference Value = 5.85 V/m; Power Drift = 0.14 dB

Fast SAR: SAR(1 g) = 0.298 W/kg; SAR(10 g) = 0.146 W/kg

Maximum value of SAR (interpolated) = 0.321 W/kg

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

Reference Value = 5.85 V/m; Power Drift = 0.14 dB

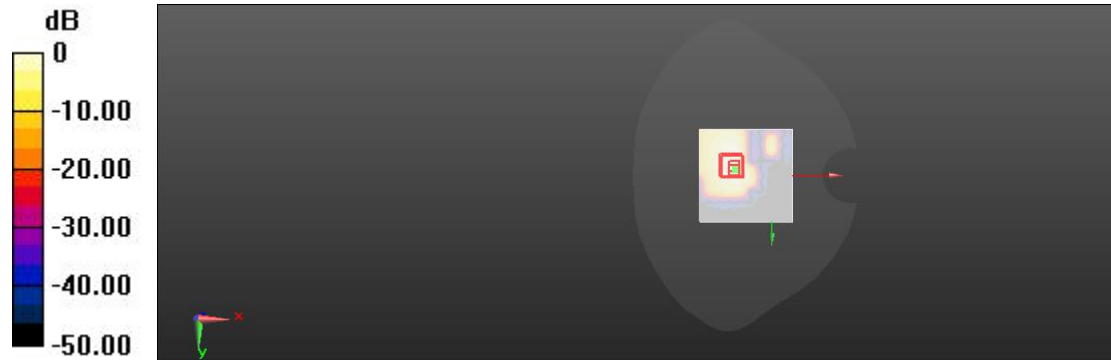
Peak SAR (extrapolated) = 0.612 W/kg

SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.139 W/kg

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

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

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



$$0 \text{ dB} = 0.321 \text{ W/kg} = -5.31 \text{ dBW/kg}$$

5.5GWiFi Body Facedown Mid 15mm

Communication System: UID 0, 5G; Communication System Band: 5.5G; Frequency: 5600 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005

Medium parameters used: $f = 5600$ MHz; $\sigma = 4.93$ S/m; $\epsilon_r = 35.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(4.72, 4.72, 4.72) @ 5600 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM-2; Type: QD 000 P40 CC; Serial: xxxxx
- DASY52 52.8.8(1222); SEMCAD X 14.6.14(7483)

Facedown/Area Scan (91x91x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Reference Value = 2.32 V/m; Power Drift = 0.05 dB

Fast SAR: SAR(1 g) = 0.183 W/kg; SAR(10 g) = 0.099 W/kg

Maximum value of SAR (interpolated) = 0.198 W/kg

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

Reference Value = 2.32 V/m; Power Drift = 0.05 dB

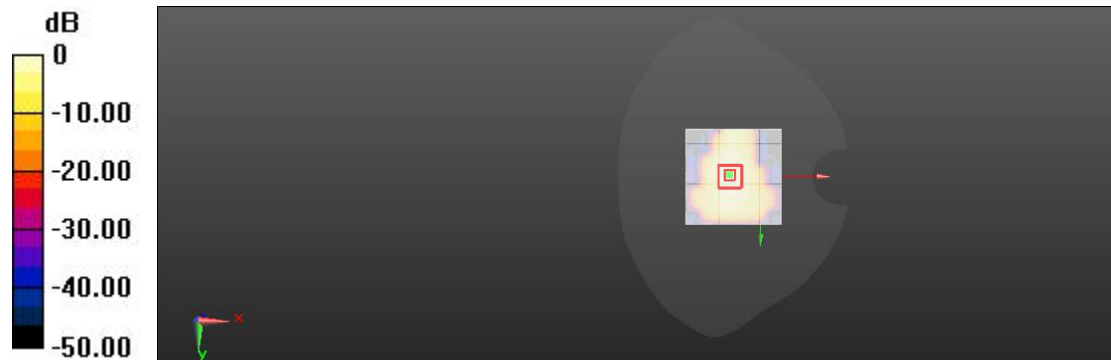
Peak SAR (extrapolated) = 0.402 W/kg

SAR(1 g) = 0.168 W/kg; SAR(10 g) = 0.091 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 81.8%

Maximum value of SAR (measured) = 0.185 W/kg



$$0 \text{ dB} = 0.198 \text{ W/kg} = -12.57 \text{ dBW/kg}$$

5.5GWiFi Head Left Cheek Mid

Communication System: UID 0, 5G; Communication System Band: 5.5G; Frequency: 5600 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005

Medium parameters used: $f = 5600$ MHz; $\sigma = 4.93$ S/m; $\epsilon_r = 35.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(4.72, 4.72, 4.72) @ 5600 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM-2; Type: QD 000 P40 CC; Serial: xxxx
- DASY52 52.8.8(1222); SEMCAD X 14.6.14(7483)

Left Cheek/Area Scan (91x91x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Reference Value = 3.897 V/m; Power Drift = 0.08 dB

Fast SAR: SAR(1 g) = 0.075 W/kg; SAR(10 g) = 0.037 W/kg

Maximum value of SAR (interpolated) = 0.091 W/kg

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

Reference Value = 3.897 V/m; Power Drift = 0.08 dB

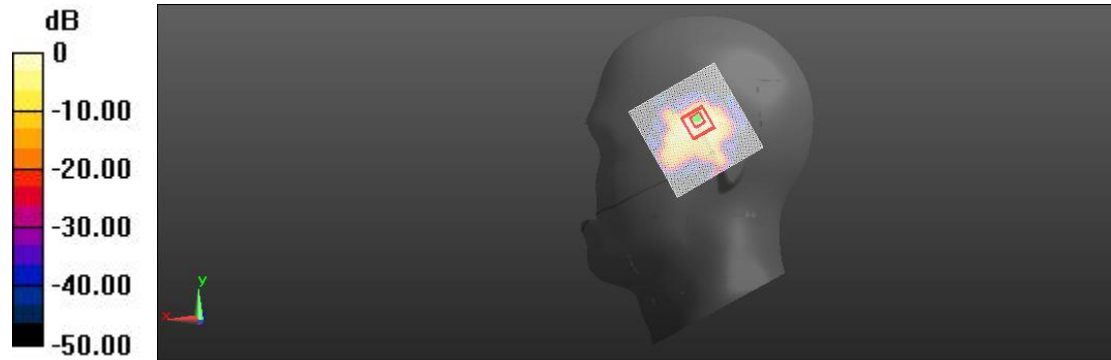
Peak SAR (extrapolated) = 0.188 W/kg

SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.026 W/kg

Smallest distance from peaks to all points 3 dB below = 6.7 mm

Ratio of SAR at M2 to SAR at M1 = 85.9%

Maximum value of SAR (measured) = 0.084 W/kg



$$0 \text{ dB} = 0.091 \text{ W/kg} = -14.25 \text{ dBW/kg}$$

5.8GWiFi Body Facedown Mid 10mm

Communication System: UID 0, 5G; Communication System Band: 5.8G; Frequency: 5785 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005

Medium parameters used: $f = 5800$ MHz; $\sigma = 5.07$ S/m; $\epsilon_r = 35.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(4.79, 4.79, 4.79) @ 5785 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM-2; Type: QD 000 P40 CC; Serial: xxxxx
- DASYS 52.8.8(1222); SEMCAD X 14.6.14(7483)

Facedown 10mm/Area Scan (91x91x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Reference Value = 6.22 V/m; Power Drift = 0.06 dB

Fast SAR: SAR(1 g) = 0.384 W/kg; SAR(10 g) = 0.198 W/kg

Maximum value of SAR (interpolated) = 0.397 W/kg

Facedown 10mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.22 V/m; Power Drift = 0.06 dB

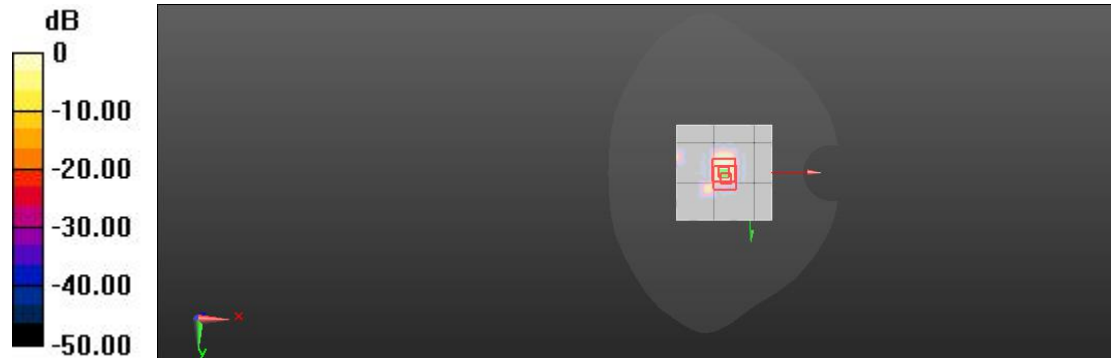
Peak SAR (extrapolated) = 0.775 W/kg

SAR(1 g) = 0.350 W/kg; SAR(10 g) = 0.183 W/kg

Smallest distance from peaks to all points 3 dB below = 8.9 mm

Ratio of SAR at M2 to SAR at M1 = 42.9%

Maximum value of SAR (measured) = 0.379 W/kg



$$0 \text{ dB} = 0.397 \text{ W/kg} = 2.94 \text{ dBW/kg}$$

5.8GWiFi Body Facedown Mid 15mm

Communication System: UID 0, 5G; Communication System Band: 5.8G; Frequency: 5785 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005

Medium parameters used: $f = 5800$ MHz; $\sigma = 5.07$ S/m; $\epsilon_r = 35.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(4.79, 4.79, 4.79) @ 5785 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM-2; Type: QD 000 P40 CC; Serial: xxxxx
- DASY52 52.8.8(1222); SEMCAD X 14.6.14(7483)

Facedown 15mm/Area Scan (91x91x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Reference Value = 4.381 V/m; Power Drift = 0.06 dB

Fast SAR: SAR(1 g) = 0.248 W/kg; SAR(10 g) = 0.129 W/kg

Maximum value of SAR (interpolated) = 0.283 W/kg

Facedown 15mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.381 V/m; Power Drift = 0.06 dB

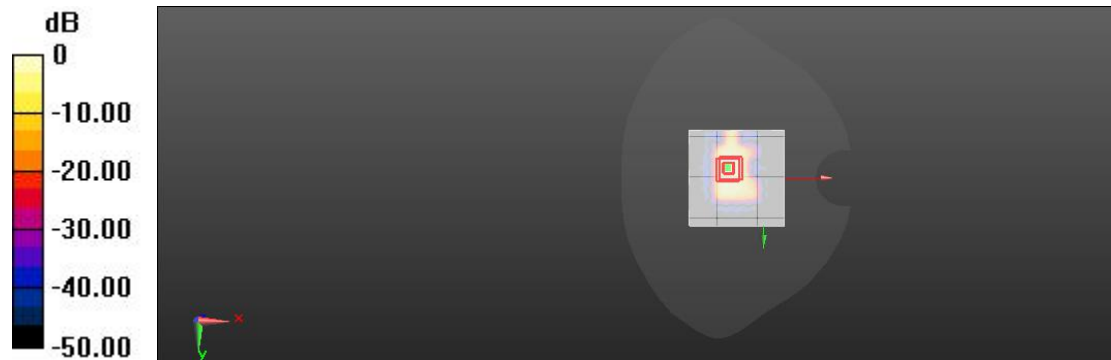
Peak SAR (extrapolated) = 0.518 W/kg

SAR(1 g) = 0.214 W/kg; SAR(10 g) = 0.114 W/kg

Smallest distance from peaks to all points 3 dB below = 10.3 mm

Ratio of SAR at M2 to SAR at M1 = 50.8%

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



$$0 \text{ dB} = 0.283 \text{ W/kg} = 1.19 \text{ dBW/kg}$$

5.8GWiFi Head Left Cheek Mid

Communication System: UID 0, 5G; Communication System Band: 5.8G; Frequency: 5785 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005

Medium parameters used: $f = 5800$ MHz; $\sigma = 5.07$ S/m; $\epsilon_r = 35.3$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(4.79, 4.79, 4.79) @ 5785 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM-2; Type: QD 000 P40 CC; Serial: xxxx
- DASY52 52.8.8(1222); SEMCAD X 14.6.14(7483)

Left Cheek/Area Scan (91x91x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Reference Value = 1.868 V/m; Power Drift = 0.12 dB

Fast SAR: SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.028 W/kg

Maximum value of SAR (interpolated) = 0.069 W/kg

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

Reference Value = 1.868 V/m; Power Drift = 0.12 dB

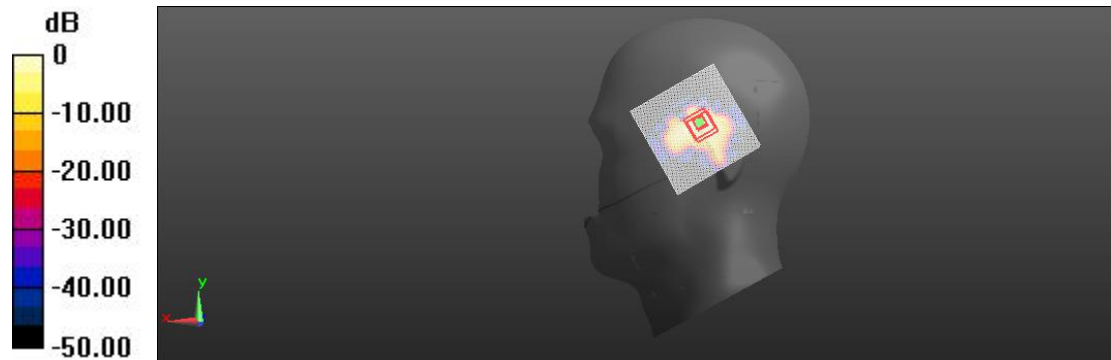
Peak SAR (extrapolated) = 0.118 W/kg

SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.022 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 22.9%

Maximum value of SAR (measured) = 0.055 W/kg



$$0 \text{ dB} = 0.069 \text{ W/kg} = -14.71 \text{ dBW/kg}$$

BT Body Facedown CH39 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: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(8.07, 8.07, 8.07) @ 2441 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM3; Type: QD 000 P41 AA; Serial: 2025
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Reference Value = 2.12 V/m; Power Drift = 0.02 dB

Fast SAR: SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.018 W/kg

Maximum value of SAR (interpolated) = 0.042 W/kg

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

Reference Value = 2.12 V/m; Power Drift = 0.02 dB

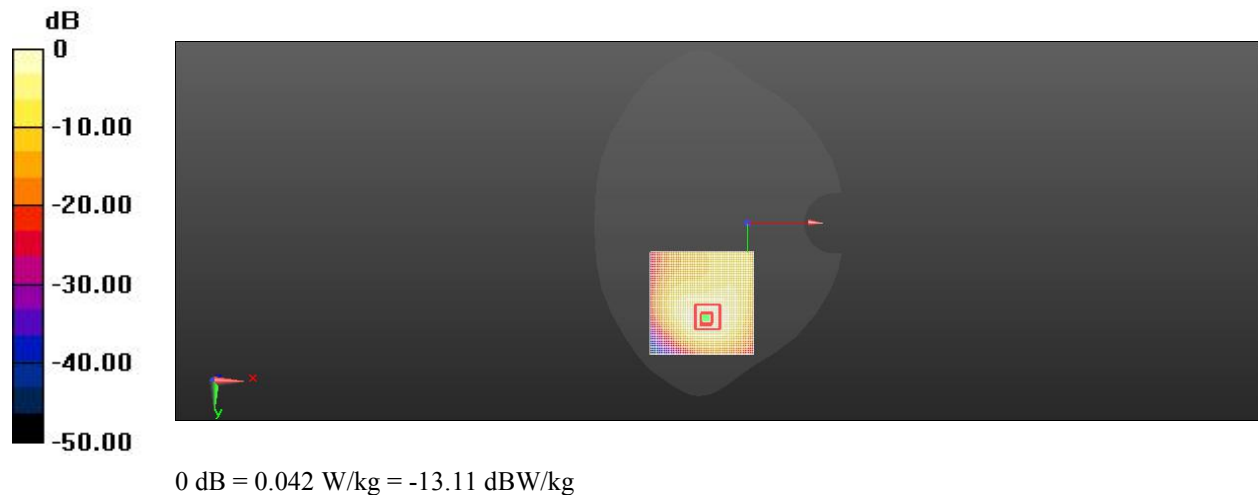
Peak SAR (extrapolated) = 0.078 W/kg

SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.012 W/kg

Smallest distance from peaks to all points 3 dB below = 8.5 mm

Ratio of SAR at M2 to SAR at M1 = 80.3%

Maximum value of SAR (measured) = 0.033 W/kg



BT Body Facedown CH39 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: 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: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(8.07, 8.07, 8.07) @ 2441 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM3; Type: QD 000 P41 AA; Serial: 2025
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Reference Value = 1.328 V/m; Power Drift = 0.03 dB

Fast SAR: SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.011 W/kg

Maximum value of SAR (interpolated) = 0.024 W/kg

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

Reference Value = 1.328 V/m; Power Drift = 0.03 dB

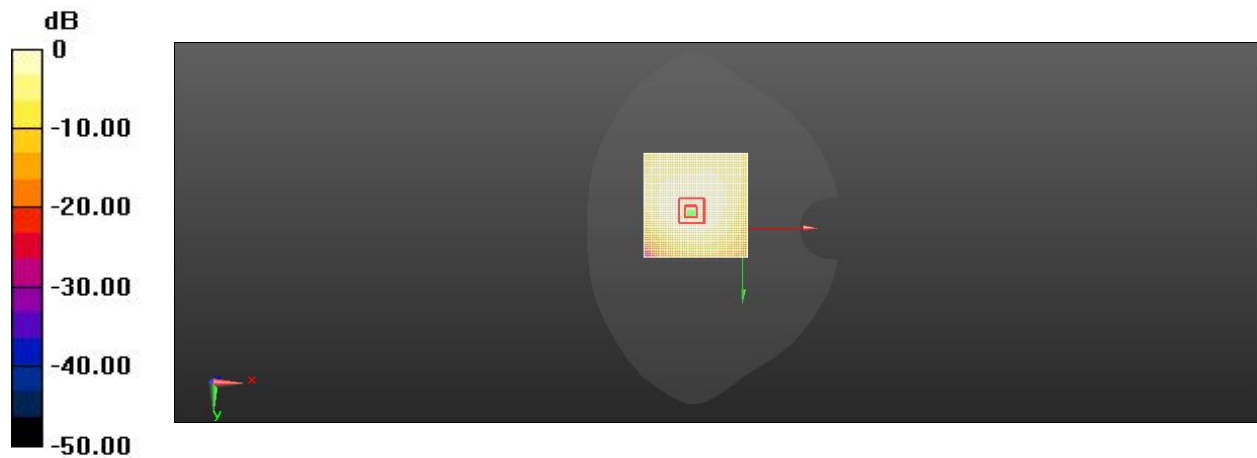
Peak SAR (extrapolated) = 0.068 W/kg

SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.010 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 83.2%

Maximum value of SAR (measured) = 0.016 W/kg



0 dB = 0.024 W/kg = -15.63 dBW/kg

BT Head Right Cheek CH39

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

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(8.07, 8.07, 8.07) @ 2441 MHz; Calibrated: 2021-07-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 31.0$
- Electronics: DAE4 Sn876; Calibrated: 2021-03-11
- Phantom: SAM3; Type: QD 000 P41 AA; Serial: 2025
- DASYS 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Reference Value = 2.34 V/m; Power Drift = 0.03 dB

Fast SAR: SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.034 W/kg

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

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

Reference Value = 2.34 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.095 W/kg

SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.027 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 74.1%

Maximum value of SAR (measured) = 0.054 W/kg

