

Test Laboratory: Compliance Certification Services

File Name: 1_Left Touch.da4

DUT: Maxon Telecom Co., Ltd.; Type: MX-5020; Serial: N/A

Program: Left-Hand Side_GSM1900 PCS Band

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium: Head 1900MHz ($\sigma = 1.4676$ mho/m, $\epsilon_r = 39.9127$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5.3, 5.3, 5.3); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Touch position - Low/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 2.28 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.376 mW/g

Touch position - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

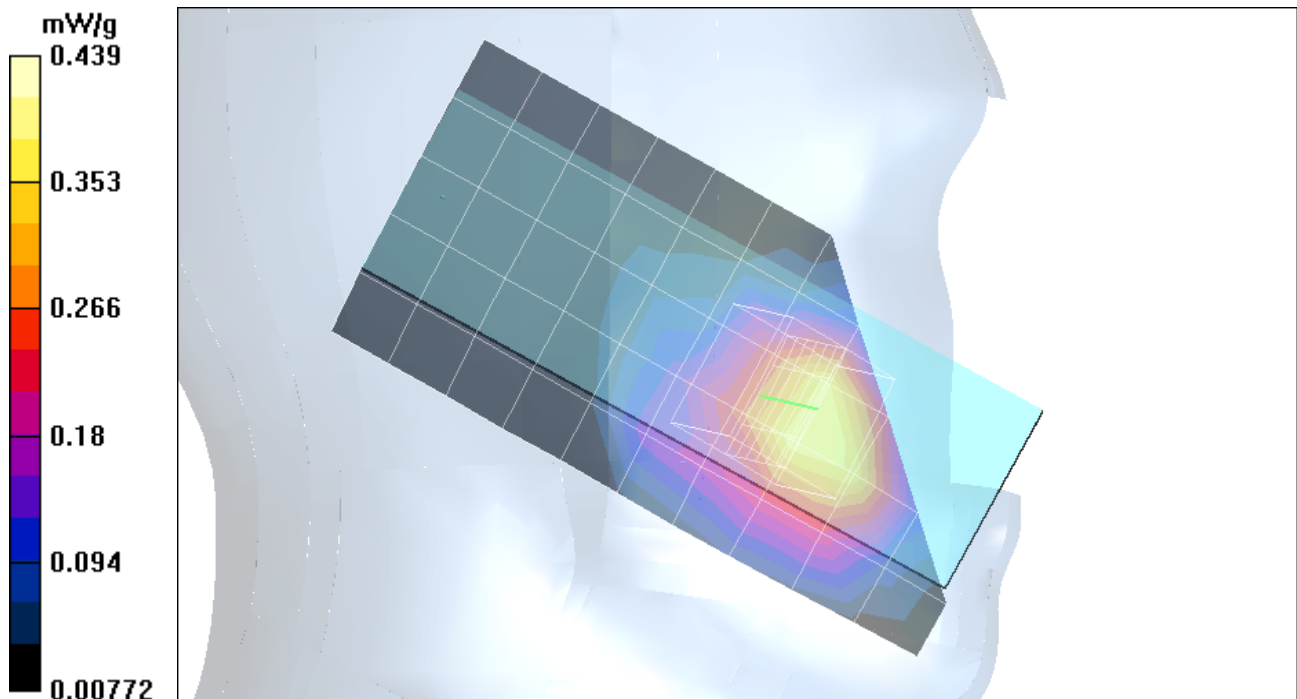
Peak SAR (extrapolated) = 0.536 W/kg

SAR(1 g) = 0.411 mW/g; SAR(10 g) = 0.269 mW/g

Reference Value = 2.28 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.439 mW/g



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Medium: Head 1900MHz ($\sigma = 1.4676$ mho/m, $\epsilon_r = 39.9127$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

DASY4 Configuration:

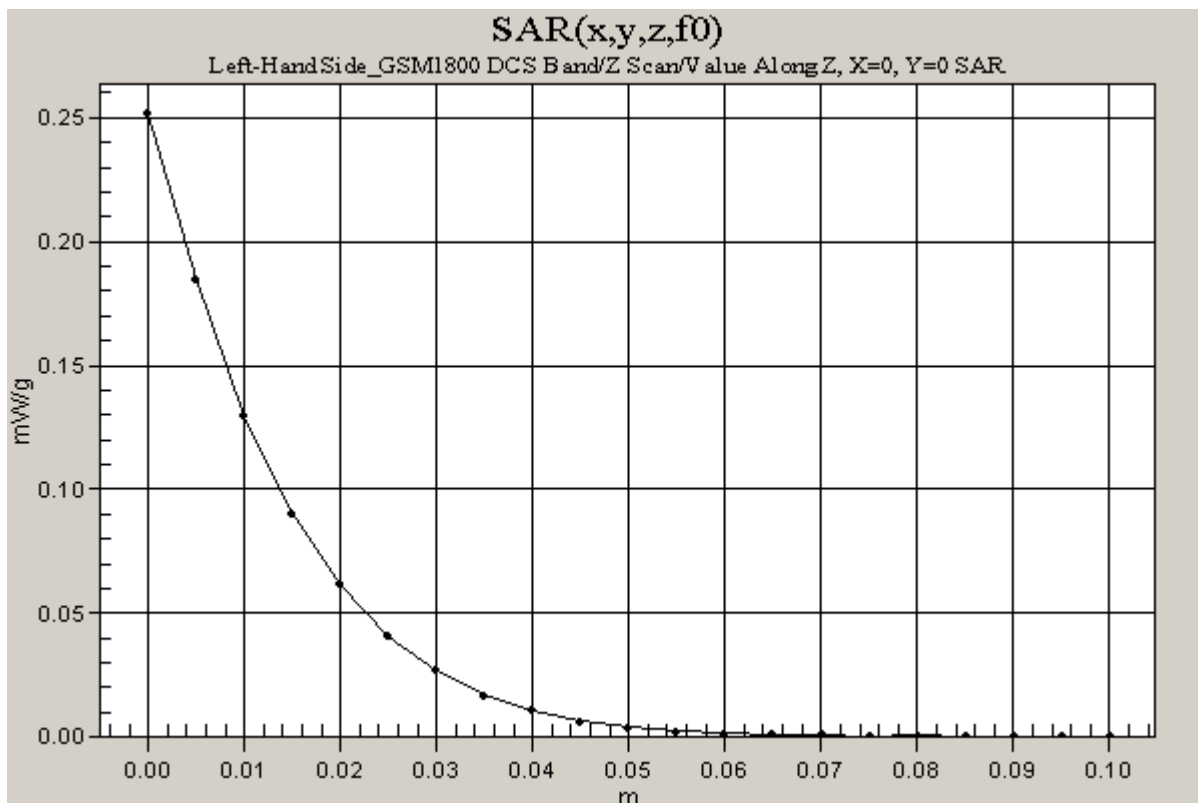
- Probe: ET3DV6 - SN1577; ConvF(5.3, 5.3, 5.3); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Touch position - Low/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 2.28 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.252 mW/g



Test Laboratory: Compliance Certification Services

File Name: 1_Left Touch.da4

DUT: Maxon Telecom Co., Ltd.; Type: MX-5020; Serial: N/A

Program: Left-Hand Side_GSM1900 PCS Band

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium: Head 1900MHz ($\sigma = 1.4676$ mho/m, $\epsilon_r = 39.9127$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5.3, 5.3, 5.3); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Touch position - Middle/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 2.42 V/m

Power Drift = -0.01 dB

Maximum value of SAR = 0.344 mW/g

Touch position - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

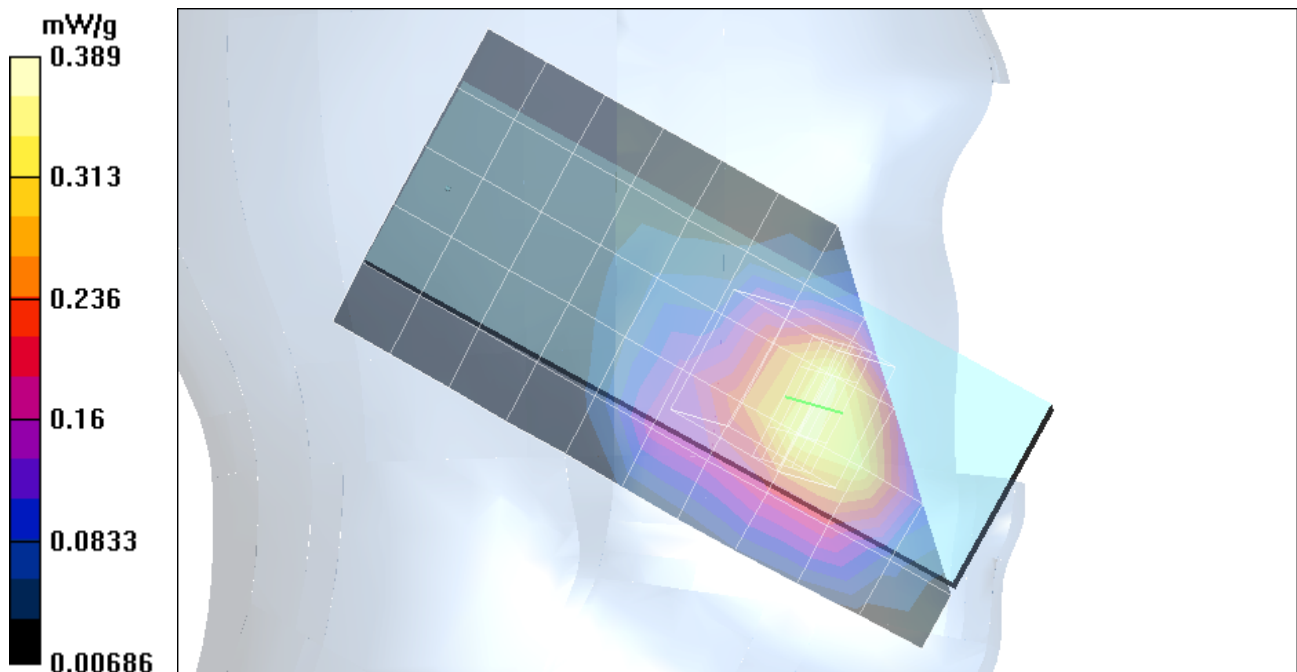
Peak SAR (extrapolated) = 0.483 W/kg

SAR(1 g) = 0.367 mW/g; SAR(10 g) = 0.239 mW/g

Reference Value = 2.42 V/m

Power Drift = -0.01 dB

Maximum value of SAR = 0.389 mW/g



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File Name: 1_Left Touch.da4

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Program: Left-Hand Side_GSM1900 PCS Band

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8

Medium: Head 1900MHz ($\sigma = 1.4676$ mho/m, $\epsilon_r = 39.9127$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5.3, 5.3, 5.3); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Touch position - High/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 2.5 V/m

Power Drift = 0.03 dB

Maximum value of SAR = 0.308 mW/g

Touch position - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

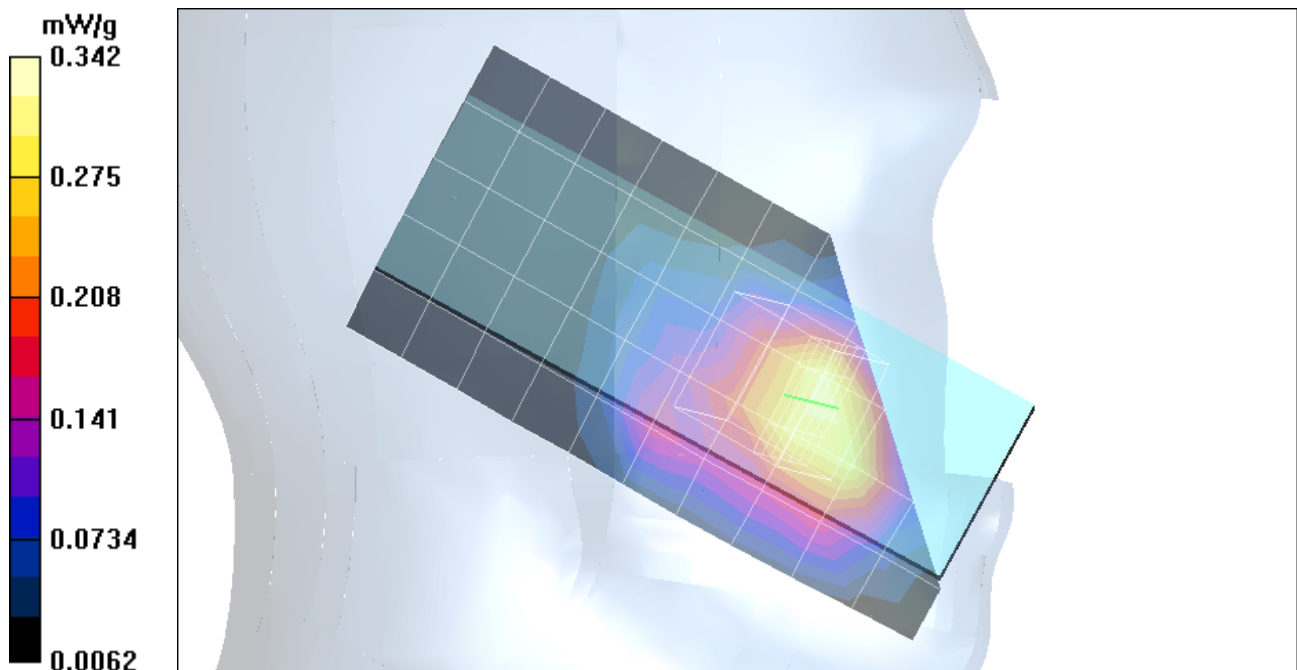
Peak SAR (extrapolated) = 0.437 W/kg

SAR(1 g) = 0.327 mW/g; SAR(10 g) = 0.21 mW/g

Reference Value = 2.5 V/m

Power Drift = 0.03 dB

Maximum value of SAR = 0.342 mW/g



Test Laboratory: Compliance Certification Services

File Name: 2_Left Tilt.da4

DUT: Maxon Telecom Co., Ltd.; Type: MX-5020; Serial: N/A

Program: Left-Hand Side_GSM1900 PCS Band

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium: Head 1900MHz ($\sigma = 1.4676$ mho/m, $\epsilon_r = 39.9127$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5.3, 5.3, 5.3); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Tilt position - Low/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 3.36 V/m

Power Drift = 0.06 dB

Maximum value of SAR = 0.0503 mW/g

Tilt position - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

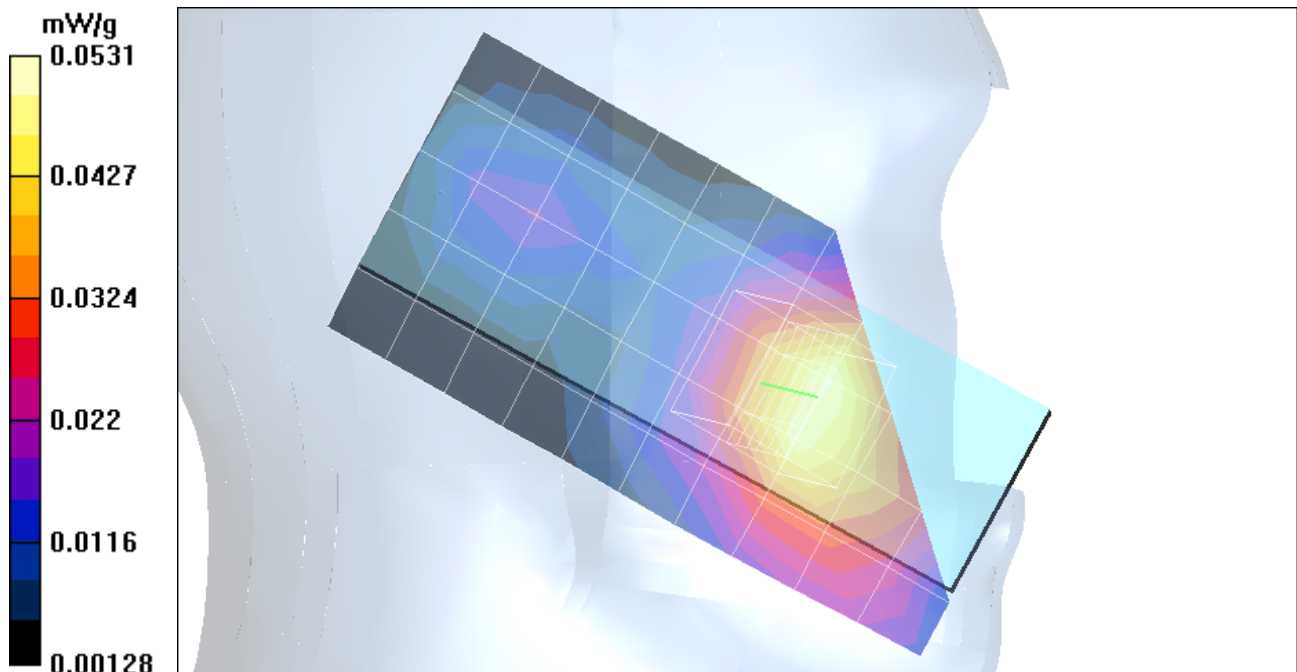
Peak SAR (extrapolated) = 0.0697 W/kg

SAR(1 g) = 0.0496 mW/g; SAR(10 g) = 0.0335 mW/g

Reference Value = 3.36 V/m

Power Drift = 0.06 dB

Maximum value of SAR = 0.0531 mW/g



Test Laboratory: Compliance Certification Services

File Name: 2_Left Tilt.da4

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Program: Left-Hand Side_GSM1900 PCS Band

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium: Head 1900MHz ($\sigma = 1.4676$ mho/m, $\epsilon_r = 39.9127$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5.3, 5.3, 5.3); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Tilt position - Middle/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 6.81 V/m

Power Drift = -0.09 dB

Maximum value of SAR = 0.0699 mW/g

Tilt position - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

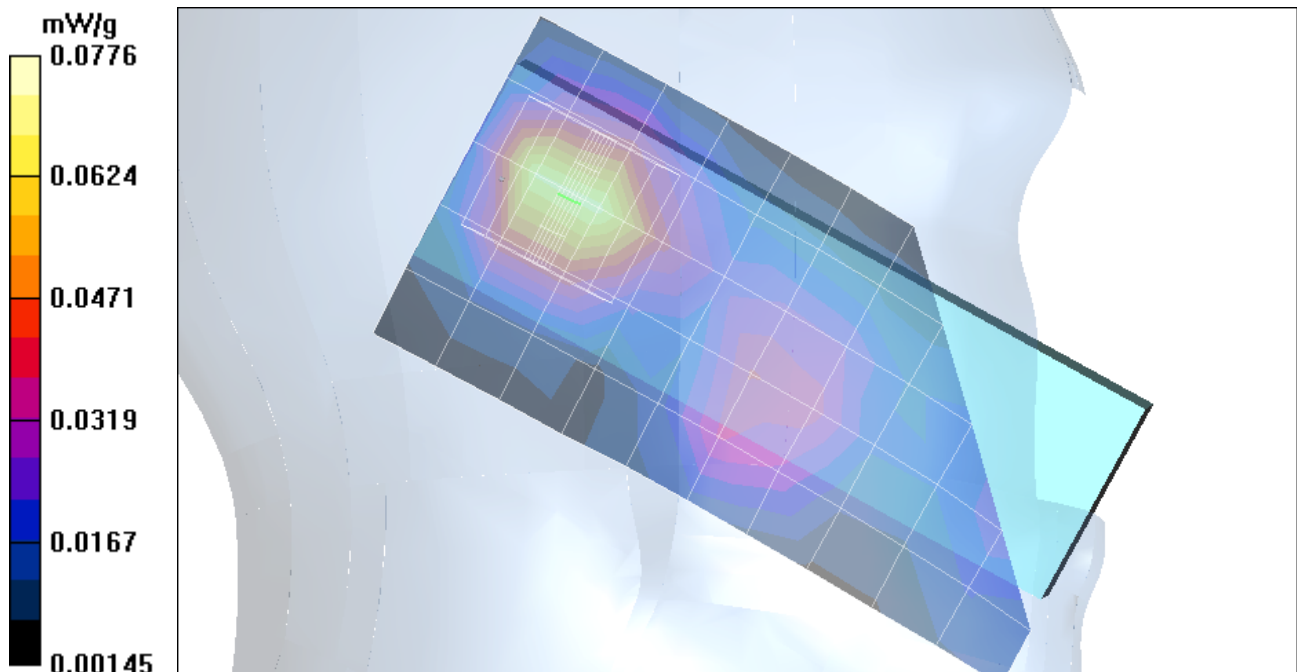
Peak SAR (extrapolated) = 0.104 W/kg

SAR(1 g) = 0.0713 mW/g; SAR(10 g) = 0.0427 mW/g

Reference Value = 6.81 V/m

Power Drift = -0.09 dB

Maximum value of SAR = 0.0776 mW/g



Test Laboratory: Compliance Certification Services

File Name: 2_Left Tilt.da4

DUT: Maxon Telecom Co., Ltd.; Type: MX-5020; Serial: N/A

Program: Left-Hand Side_GSM1900 PCS Band

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium: Head 1900MHz ($\sigma = 1.4676$ mho/m, $\epsilon_r = 39.9127$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

DASY4 Configuration:

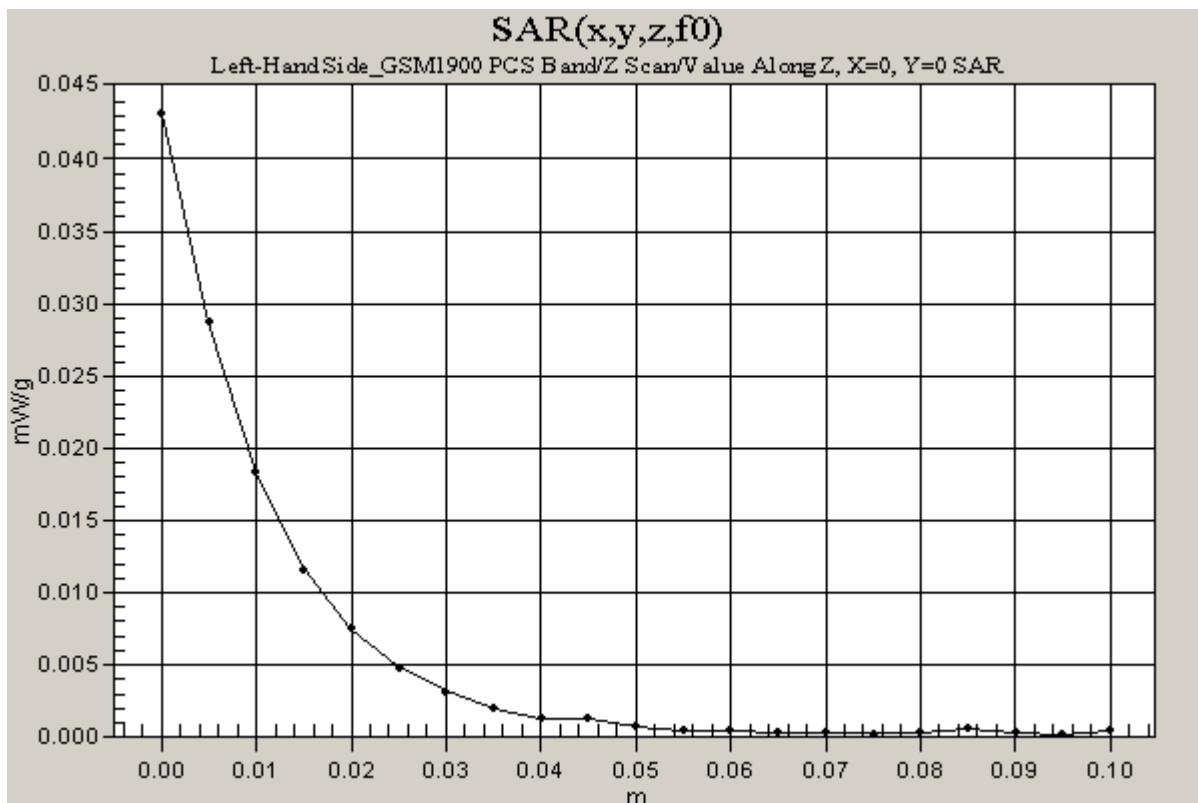
- Probe: ET3DV6 - SN1577; ConvF(5.3, 5.3, 5.3); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Tilt position - Middle/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 6.81 V/m

Power Drift = -0.12 dB

Maximum value of SAR = 0.0432 mW/g



Test Laboratory: Compliance Certification Services

File Name: [2_Left Tilt.da4](#)

DUT: Maxon Telecom Co., Ltd.; Type: MX-5020; Serial: N/A

Program: Left-Hand Side_GSM1900 PCS Band

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8

Medium: Head 1900MHz ($\sigma = 1.4676$ mho/m, $\epsilon_r = 39.9127$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5.3, 5.3, 5.3); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Tilt position - High/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 6.12 V/m

Power Drift = 0.07 dB

Maximum value of SAR = 0.0566 mW/g

Tilt position - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

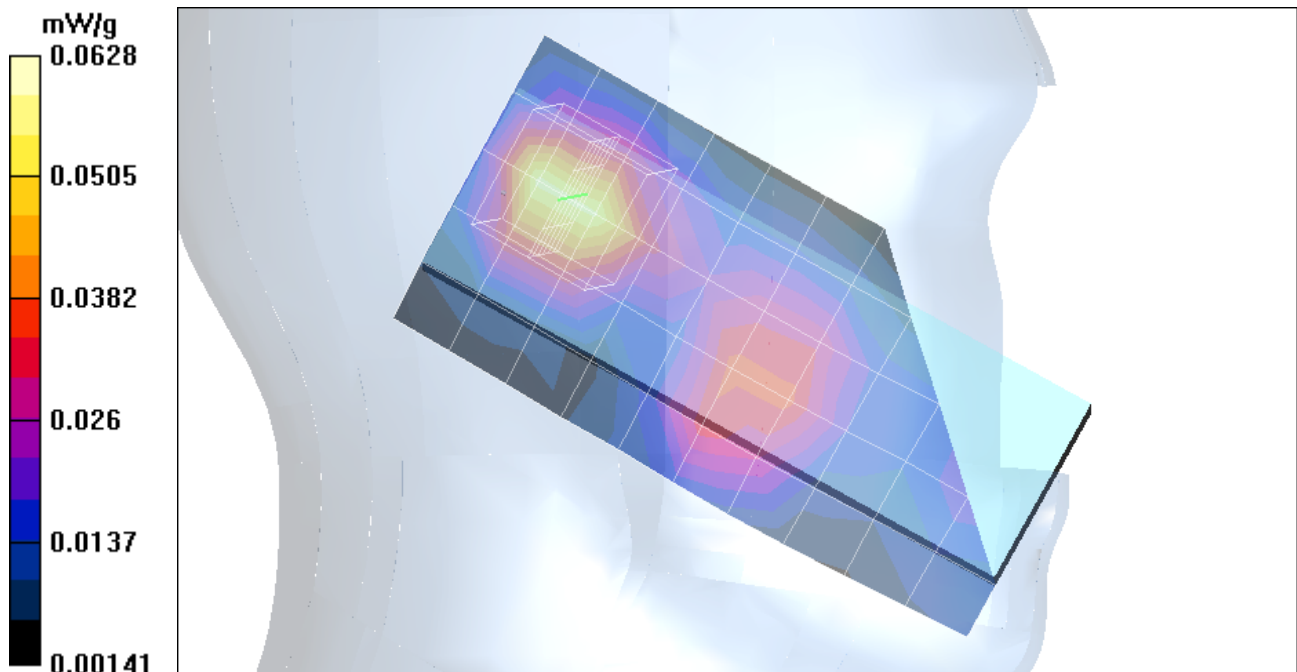
Peak SAR (extrapolated) = 0.0841 W/kg

SAR(1 g) = 0.0574 mW/g; SAR(10 g) = 0.0341 mW/g

Reference Value = 6.12 V/m

Power Drift = 0.07 dB

Maximum value of SAR = 0.0628 mW/g



Test Laboratory: Compliance Certification Services

File Name: 3_R-Touch.da4

DUT: Maxon Telecom Co., Ltd.; Type: MX-5020; Serial: N/A

Program: Right-Hand Side_GSM1900 PCS Band

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium: Head 1900MHz ($\sigma = 1.4676$ mho/m, $\epsilon_r = 39.9127$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5.3, 5.3, 5.3); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Touch position - Low/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 2.22 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.607 mW/g

Touch position - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

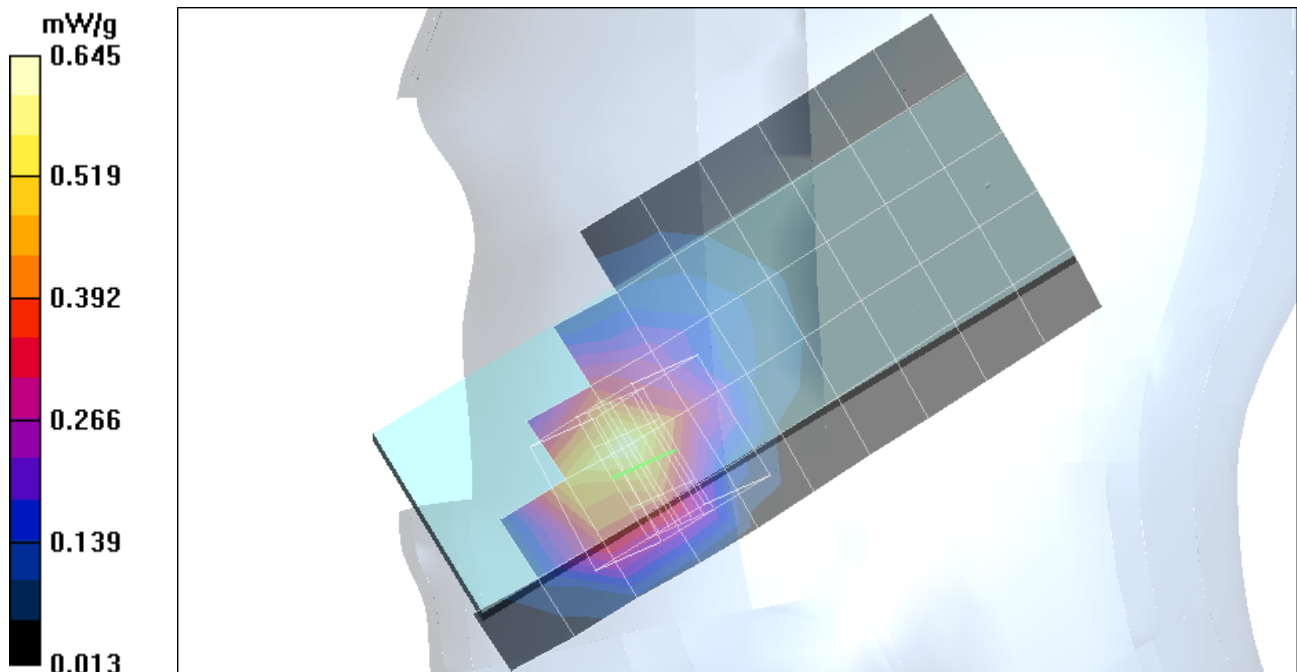
Peak SAR (extrapolated) = 0.807 W/kg

SAR(1 g) = 0.594 mW/g; SAR(10 g) = 0.376 mW/g

Reference Value = 2.22 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.645 mW/g



Test Laboratory: Compliance Certification Services

File Name: 3_R-Touch.da4

DUT: Maxon Telecom Co., Ltd.; Type: MX-5020; Serial: N/A

Program: Right-Hand Side_GSM1900 PCS Band

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium: Head 1900MHz ($\sigma = 1.4676$ mho/m, $\epsilon_r = 39.9127$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

DASY4 Configuration:

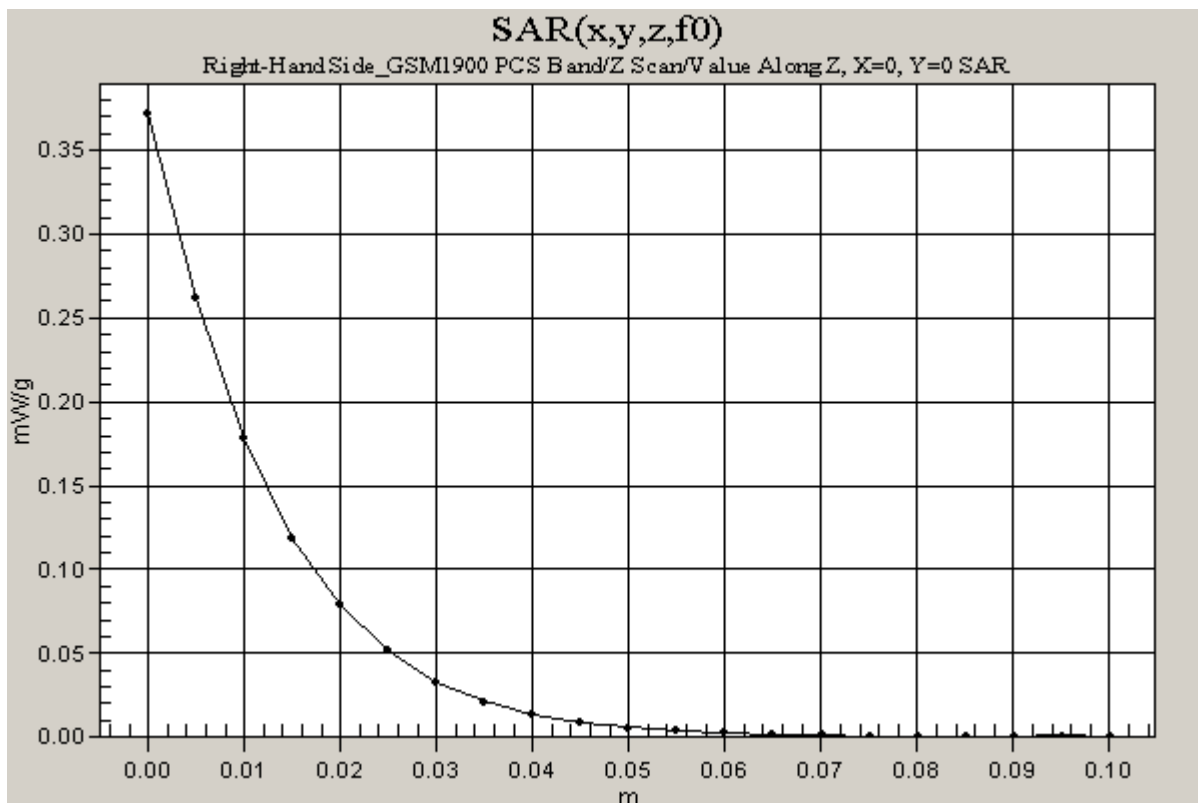
- Probe: ET3DV6 - SN1577; ConvF(5.3, 5.3, 5.3); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Touch position - Low/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 2.22 V/m

Power Drift = 0.07 dB

Maximum value of SAR = 0.372 mW/g



Test Laboratory: Compliance Certification Services

File Name: 3_R-Touch.da4

DUT: Maxon Telecom Co., Ltd.; Type: MX-5020; Serial: N/A

Program: Right-Hand Side_GSM1900 PCS Band

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium: Head 1900MHz ($\sigma = 1.4676$ mho/m, $\epsilon_r = 39.9127$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5.3, 5.3, 5.3); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Touch position - Middle/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 2.41 V/m

Power Drift = -0.12 dB

Maximum value of SAR = 0.567 mW/g

Touch position - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

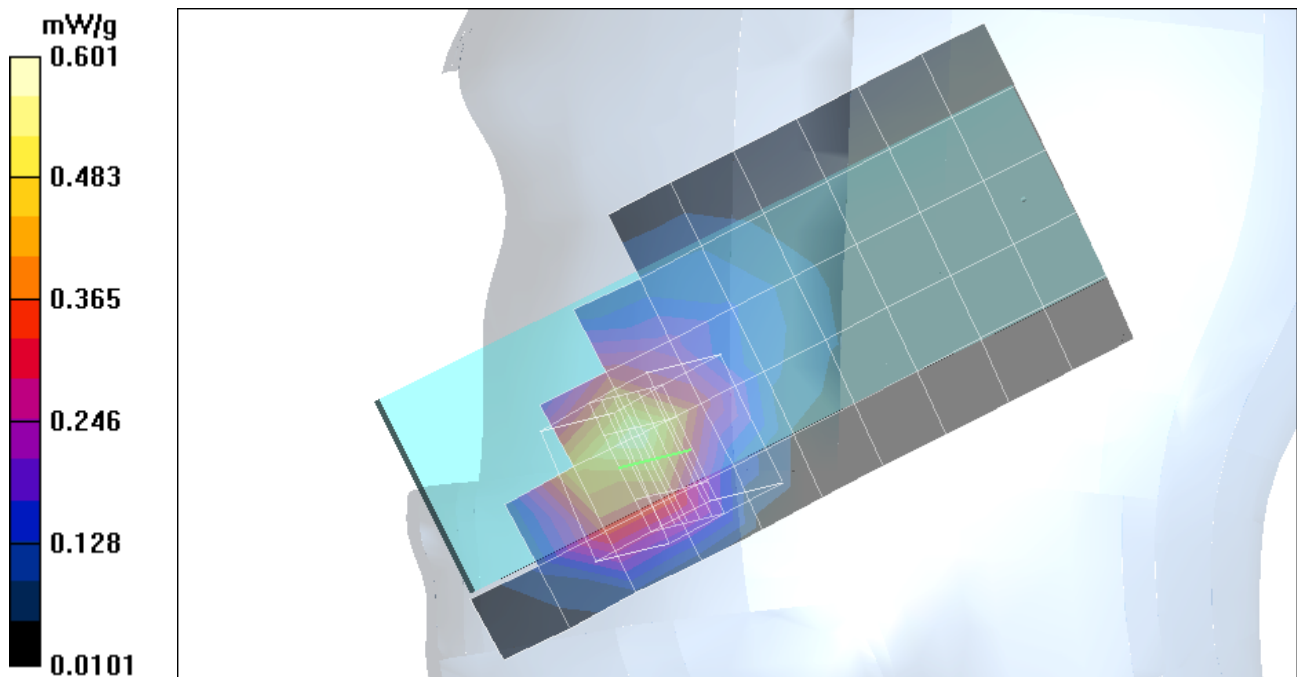
Peak SAR (extrapolated) = 0.756 W/kg

SAR(1 g) = 0.553 mW/g; SAR(10 g) = 0.346 mW/g

Reference Value = 2.41 V/m

Power Drift = -0.12 dB

Maximum value of SAR = 0.601 mW/g



Test Laboratory: Compliance Certification Services

File Name: 3_R-Touch.da4

DUT: Maxon Telecom Co., Ltd.; Type: MX-5020; Serial: N/A

Program: Right-Hand Side_GSM1900 PCS Band

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8

Medium: Head 1900MHz ($\sigma = 1.4676$ mho/m, $\epsilon_r = 39.9127$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5.3, 5.3, 5.3); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Touch position - High/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 2.45 V/m

Power Drift = -0.04 dB

Maximum value of SAR = 0.503 mW/g

Touch position - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

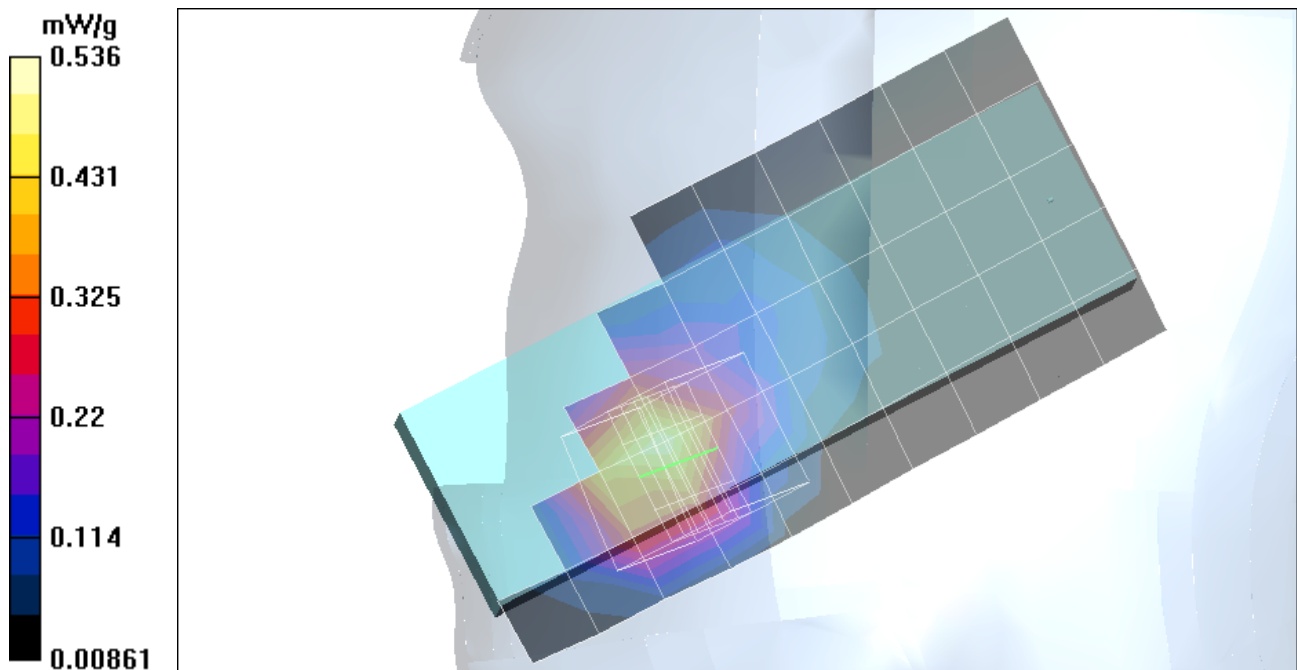
Peak SAR (extrapolated) = 0.697 W/kg

SAR(1 g) = 0.497 mW/g; SAR(10 g) = 0.308 mW/g

Reference Value = 2.45 V/m

Power Drift = -0.04 dB

Maximum value of SAR = 0.536 mW/g



Test Laboratory: Compliance Certification Services

File Name: 4_R-Tilt.da4

DUT: Maxon Telecom Co., Ltd.; Type: MX-5020; Serial: N/A

Program: Right-Hand Side_GSM1900 PCS Band

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium: Head 1900MHz ($\sigma = 1.4676$ mho/m, $\epsilon_r = 39.9127$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5.3, 5.3, 5.3); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Tilt position - Low/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 2.96 V/m

Power Drift = 0.15 dB

Maximum value of SAR = 0.0613 mW/g

Tilt position - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

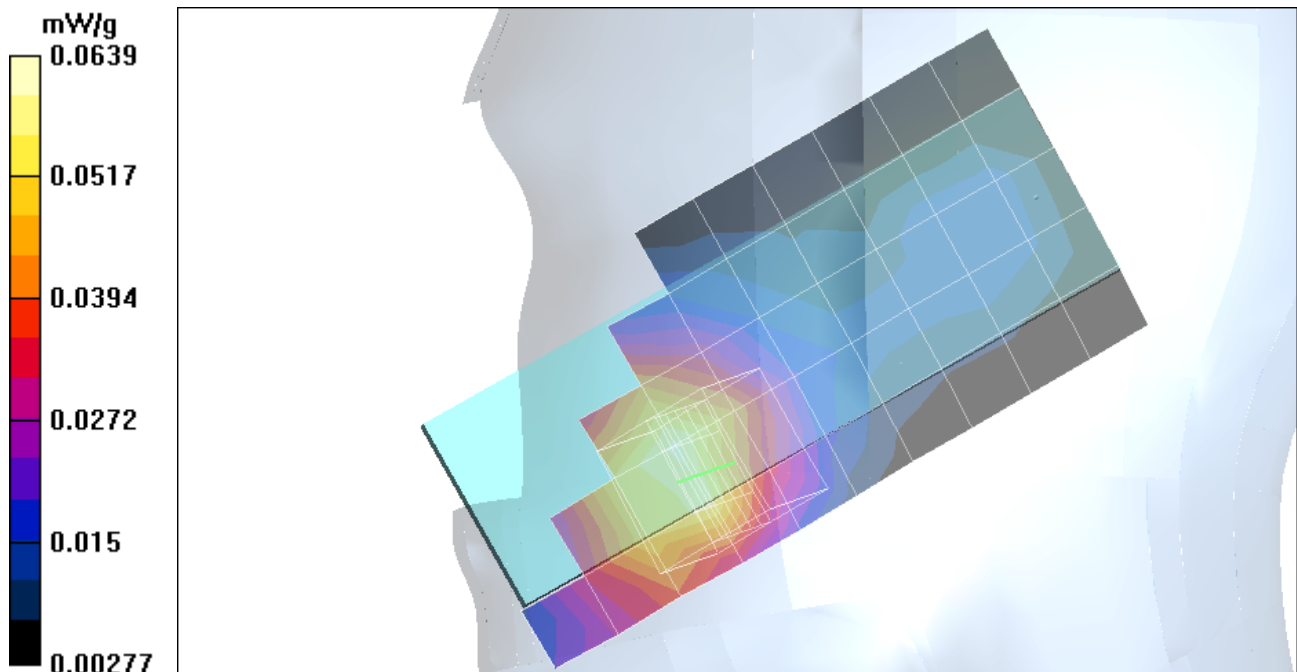
Peak SAR (extrapolated) = 0.0829 W/kg

SAR(1 g) = 0.06 mW/g; SAR(10 g) = 0.0403 mW/g

Reference Value = 2.96 V/m

Power Drift = 0.15 dB

Maximum value of SAR = 0.0639 mW/g



Test Laboratory: Compliance Certification Services

File Name: 4_R-Tilt.da4

DUT: Maxon Telecom Co., Ltd.; Type: MX-5020; Serial: N/A

Program: Right-Hand Side_GSM1900 PCS Band

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium: Head 1900MHz ($\sigma = 1.4676$ mho/m, $\epsilon_r = 39.9127$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

DASY4 Configuration:

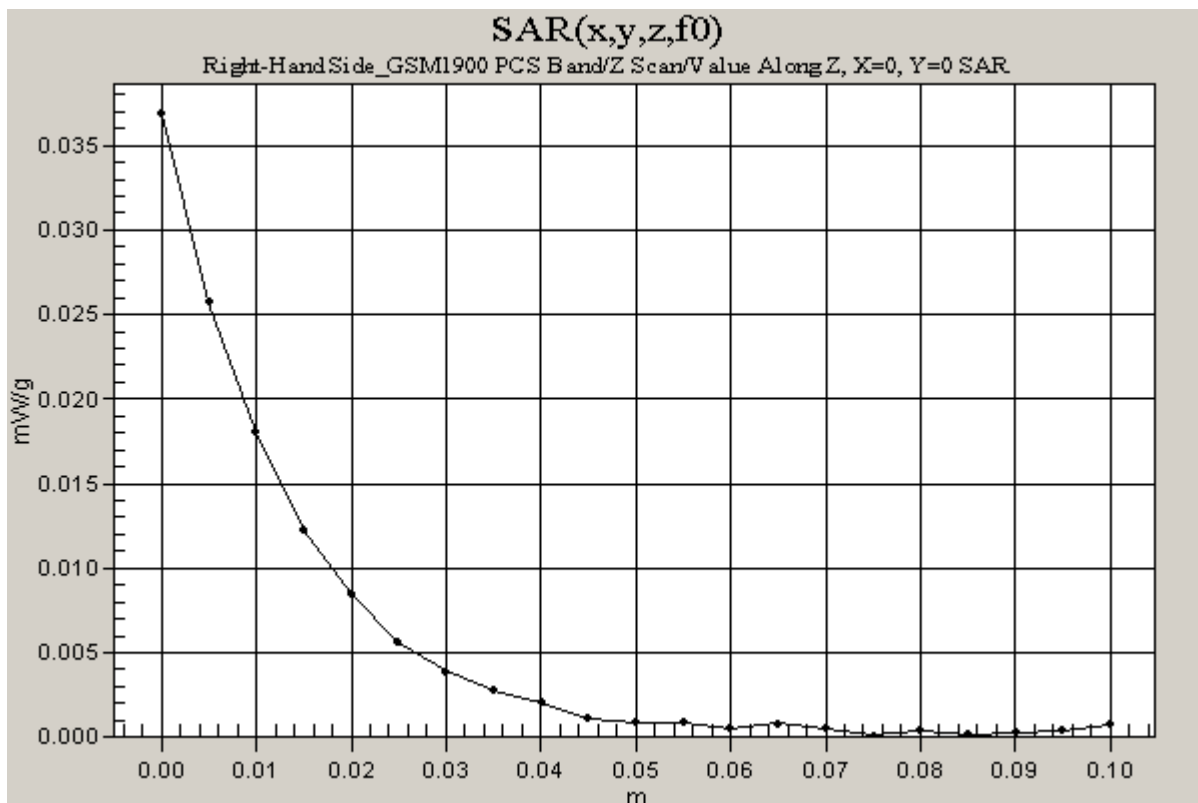
- Probe: ET3DV6 - SN1577; ConvF(5.3, 5.3, 5.3); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Tilt position - Low/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 2.96 V/m

Power Drift = 0.14 dB

Maximum value of SAR = 0.0369 mW/g



Test Laboratory: Compliance Certification Services

File Name: 4_R-Tilt.da4

DUT: Maxon Telecom Co., Ltd.; Type: MX-5020; Serial: N/A

Program: Right-Hand Side_GSM1900 PCS Band

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium: Head 1900MHz ($\sigma = 1.4676$ mho/m, $\epsilon_r = 39.9127$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5.3, 5.3, 5.3); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Tilt position - Middle/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 3.21 V/m

Power Drift = 0.006 dB

Maximum value of SAR = 0.0549 mW/g

Tilt position - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

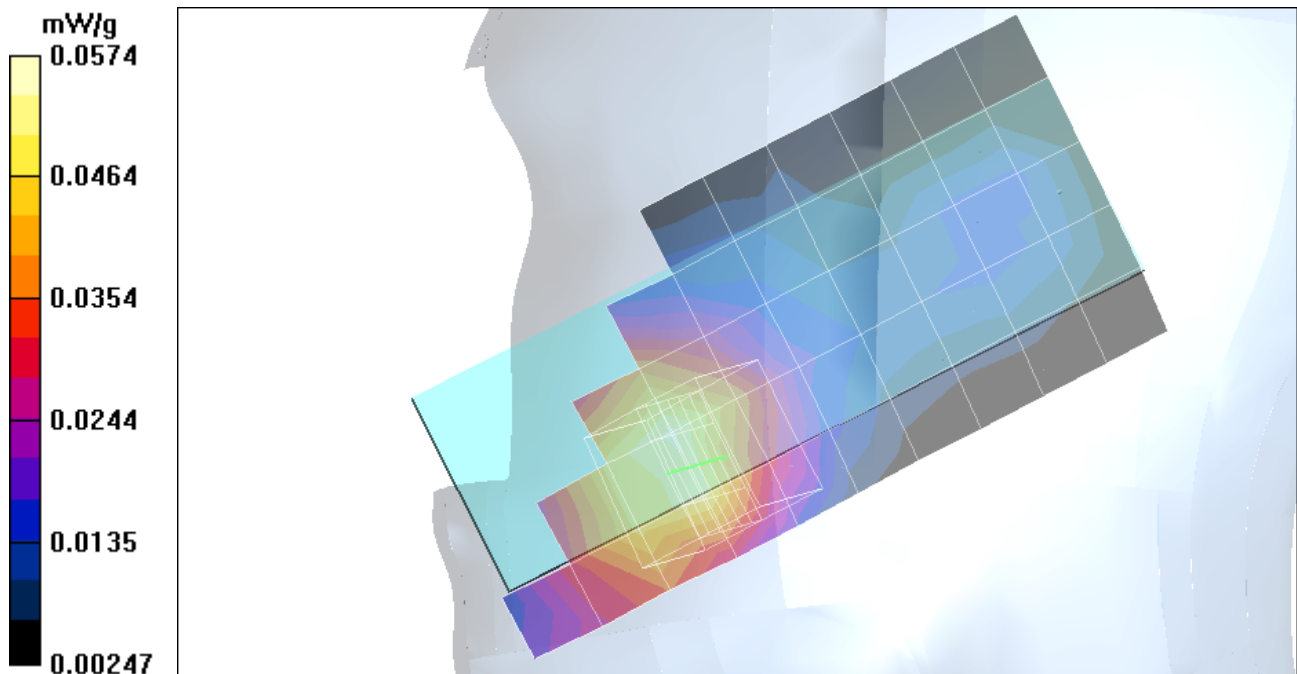
Peak SAR (extrapolated) = 0.0747 W/kg

SAR(1 g) = 0.0539 mW/g; SAR(10 g) = 0.0359 mW/g

Reference Value = 3.21 V/m

Power Drift = 0.006 dB

Maximum value of SAR = 0.0574 mW/g



Test Laboratory: Compliance Certification Services

File Name: 4_R-Tilt.da4

DUT: Maxon Telecom Co., Ltd.; Type: MX-5020; Serial: N/A

Program: Right-Hand Side_GSM1900 PCS Band

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8

Medium: Head 1900MHz ($\sigma = 1.4676$ mho/m, $\epsilon_r = 39.9127$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5.3, 5.3, 5.3); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Tilt position - High/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 3.07 V/m

Power Drift = 0.001 dB

Maximum value of SAR = 0.0472 mW/g

Tilt position - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

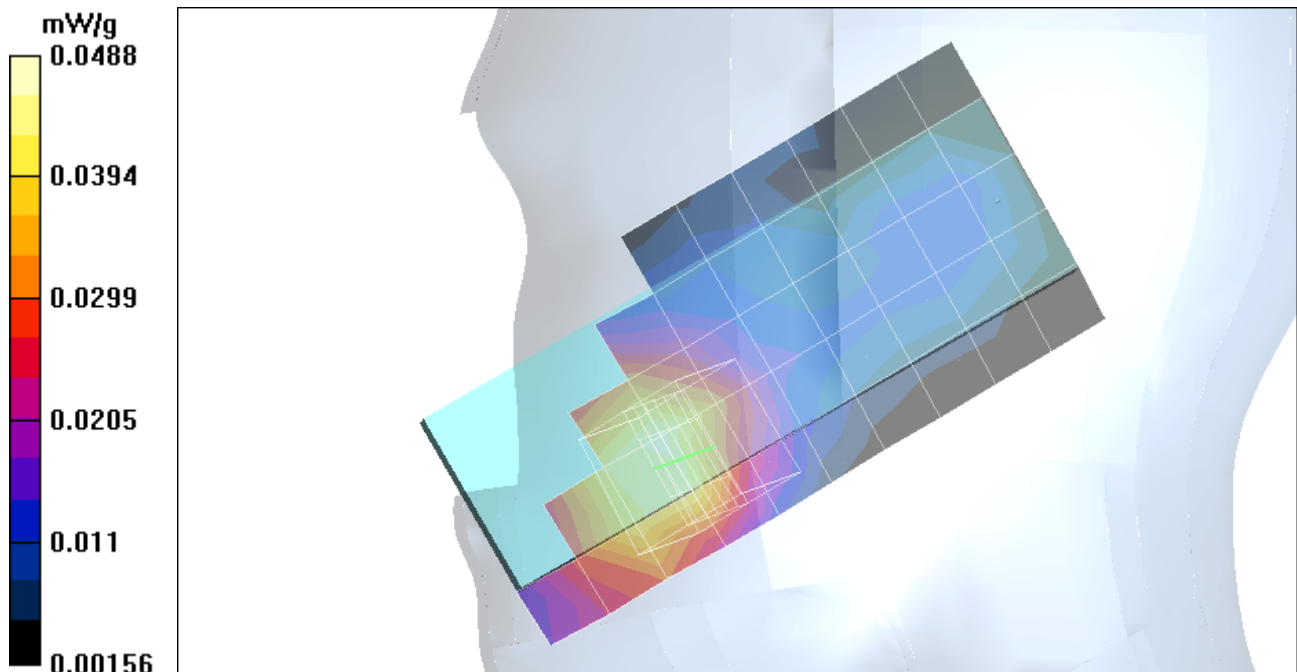
Peak SAR (extrapolated) = 0.0659 W/kg

SAR(1 g) = 0.0459 mW/g; SAR(10 g) = 0.0305 mW/g

Reference Value = 3.07 V/m

Power Drift = 0.001 dB

Maximum value of SAR = 0.0488 mW/g



Test Laboratory: Compliance Certification Services

File Name: 5_BodySection_GSM.da4

DUT: Maxon Telecom Co., Ltd.; Type: MX-5020; Serial: N/A

Program: Body Section_GSM

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium: Muscle 1900 MHz ($\sigma = 1.5034$ mho/m, $\epsilon_r = 52.0754$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5, 5, 5); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Body - Low/Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm

Body - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Peak SAR (extrapolated) = 0.394 W/kg

SAR(1 g) = 0.245 mW/g; SAR(10 g) = 0.143 mW/g

Reference Value = 12.3 V/m

Power Drift = -0.09 dB

Maximum value of SAR = 0.264 mW/g

Body - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

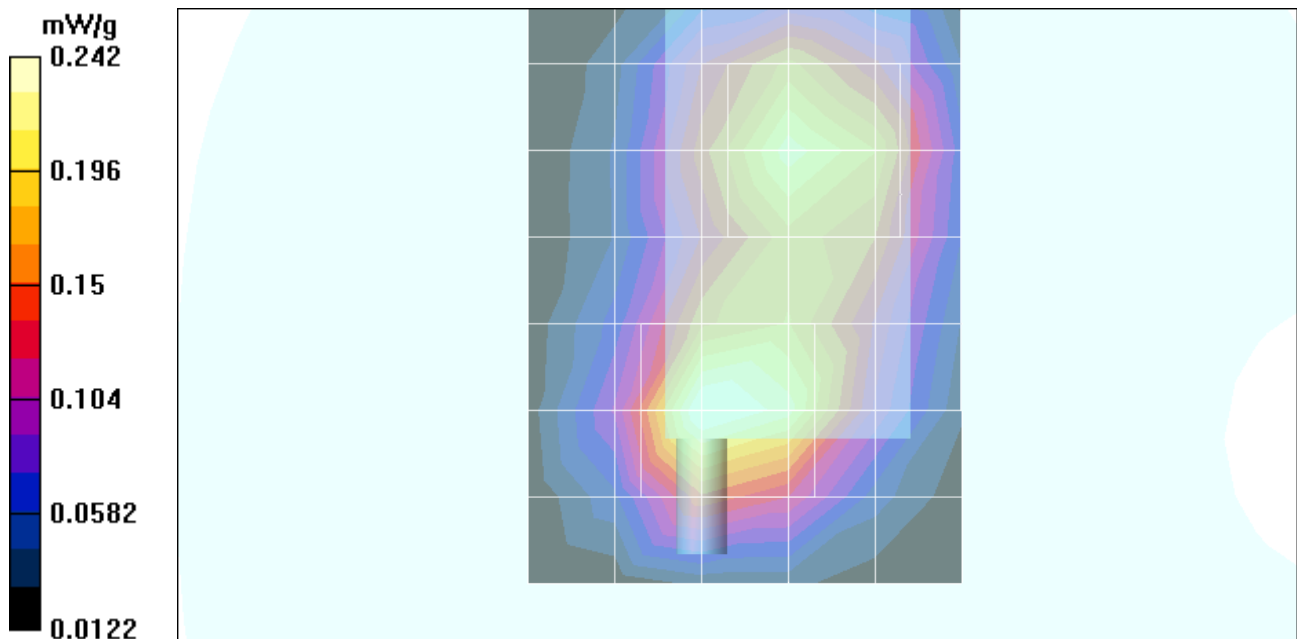
Peak SAR (extrapolated) = 0.312 W/kg

SAR(1 g) = 0.226 mW/g; SAR(10 g) = 0.148 mW/g

Reference Value = 12.3 V/m

Power Drift = -0.09 dB

Maximum value of SAR = 0.242 mW/g



Test Laboratory: Compliance Certification Services

File Name: 5_BodySection_GSM.da4

DUT: Maxon Telecom Co., Ltd.; Type: MX-5020; Serial: N/A

Program: Body Section_GSM

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium: Muscle 1900 MHz ($\sigma = 1.5034$ mho/m, $\epsilon_r = 52.0754$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5, 5, 5); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Body - Middle/Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm

Body - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Peak SAR (extrapolated) = 0.403 W/kg

SAR(1 g) = 0.251 mW/g; SAR(10 g) = 0.146 mW/g

Reference Value = 12.2 V/m

Power Drift = 0.07 dB

Maximum value of SAR = 0.268 mW/g

Body - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

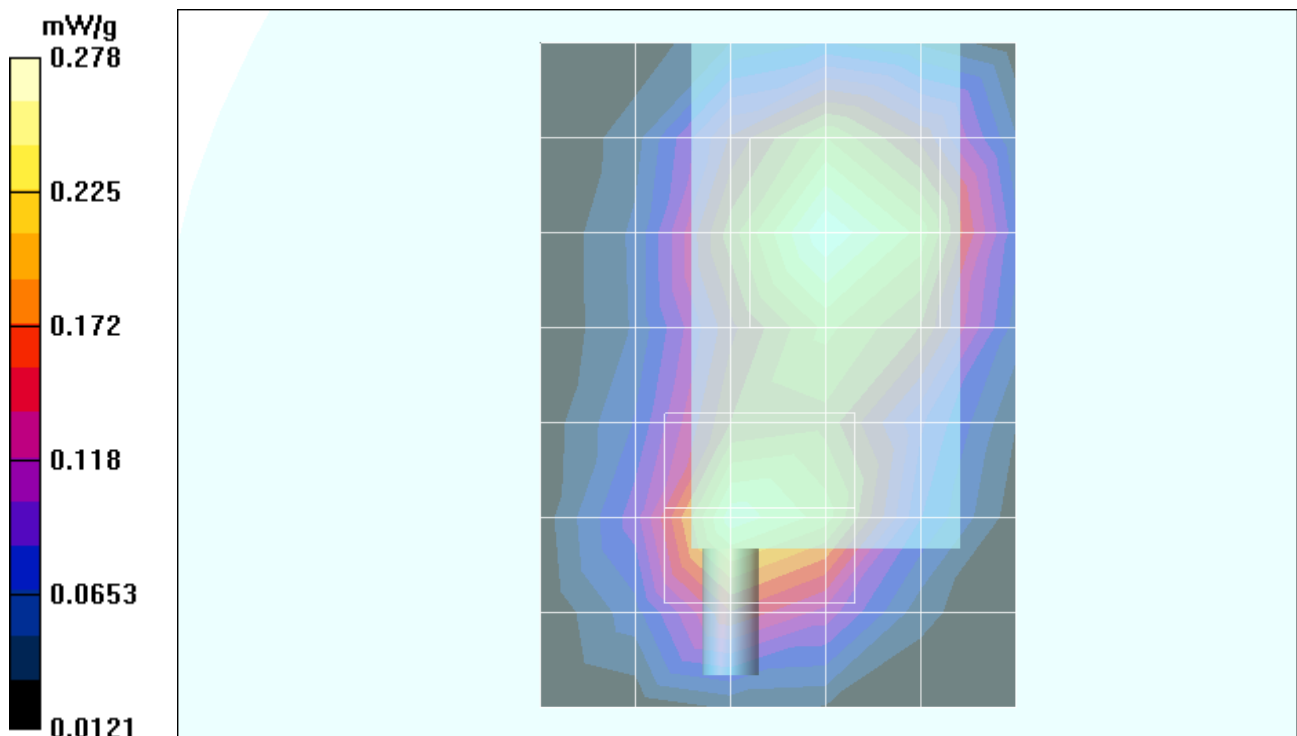
Peak SAR (extrapolated) = 0.367 W/kg

SAR(1 g) = 0.26 mW/g; SAR(10 g) = 0.167 mW/g

Reference Value = 12.2 V/m

Power Drift = 0.07 dB

Maximum value of SAR = 0.278 mW/g



Test Laboratory: Compliance Certification Services

File Name: 5_BodySection_GSM.da4

DUT: Maxon Telecom Co., Ltd.; Type: MX-5020; Serial: N/A

Program: Body Section_GSM

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium: Muscle 1900 MHz ($\sigma = 1.5034$ mho/m, $\epsilon_r = 52.0754$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

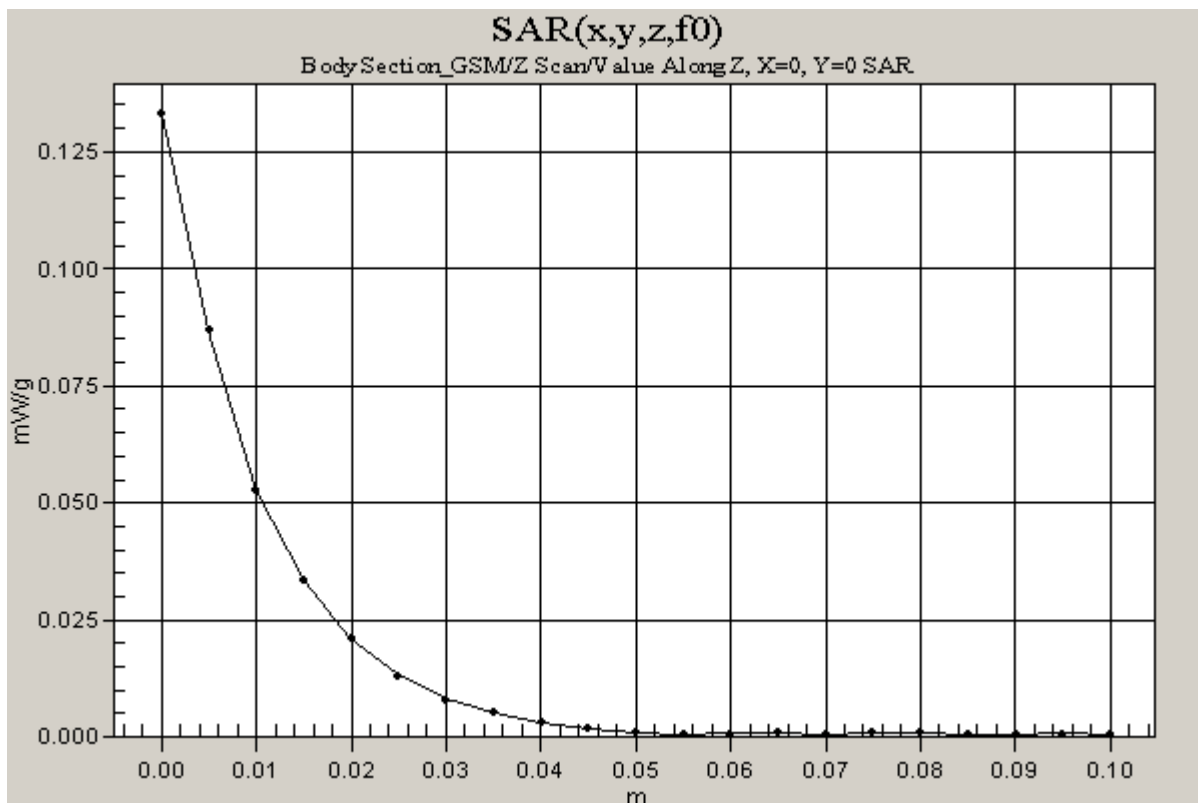
- Probe: ET3DV6 - SN1577; ConvF(5, 5, 5); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Body - Middle/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 12.2 V/m

Power Drift = 0.07 dB

Maximum value of SAR = 0.133 mW/g



Test Laboratory: Compliance Certification Services

File Name: 5_BodySection_GSM.da4

DUT: Maxon Telecom Co., Ltd.; Type: MX-5020; Serial: N/A

Program: Body Section_GSM

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8

Medium: Muscle 1900 MHz ($\sigma = 1.5034$ mho/m, $\epsilon_r = 52.0754$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5, 5, 5); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Body - High/Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm

Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Peak SAR (extrapolated) = 0.42 W/kg

SAR(1 g) = 0.255 mW/g; SAR(10 g) = 0.146 mW/g

Reference Value = 12.6 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 0.276 mW/g

Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

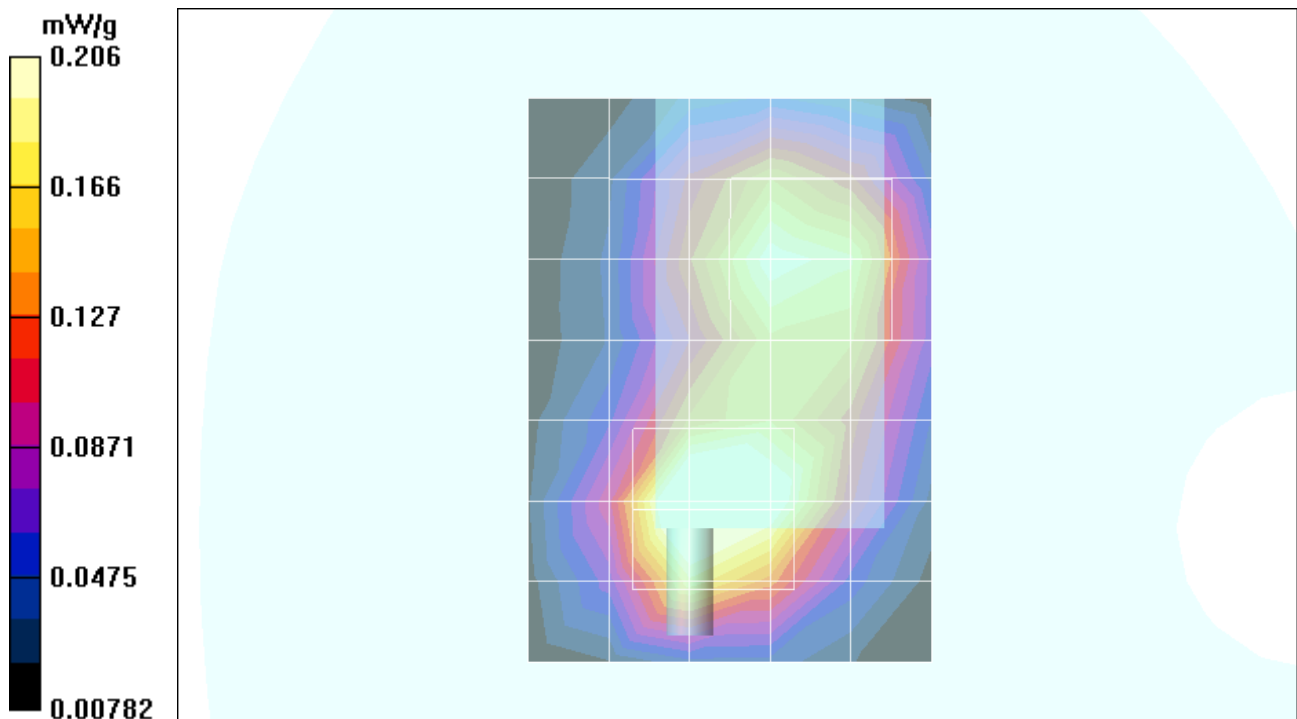
Peak SAR (extrapolated) = 0.276 W/kg

SAR(1 g) = 0.195 mW/g; SAR(10 g) = 0.125 mW/g

Reference Value = 12.6 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 0.206 mW/g



Test Laboratory: Compliance Certification Services

File Name: 5_BodySection_GPRS.da4

DUT: Maxon Telecom Co., Ltd.; Type: MX-5020; Serial: N/A

Program: Body Section_GPRS

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium: Muscle 1900 MHz ($\sigma = 1.5213$ mho/m, $\epsilon_r = 52.0703$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5, 5, 5); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Body - Low/Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm

Body - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Peak SAR (extrapolated) = 0.408 W/kg

SAR(1 g) = 0.301 mW/g; SAR(10 g) = 0.198 mW/g

Reference Value = 12.5 V/m

Power Drift = 0.05 dB

Maximum value of SAR = 0.317 mW/g

Body - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

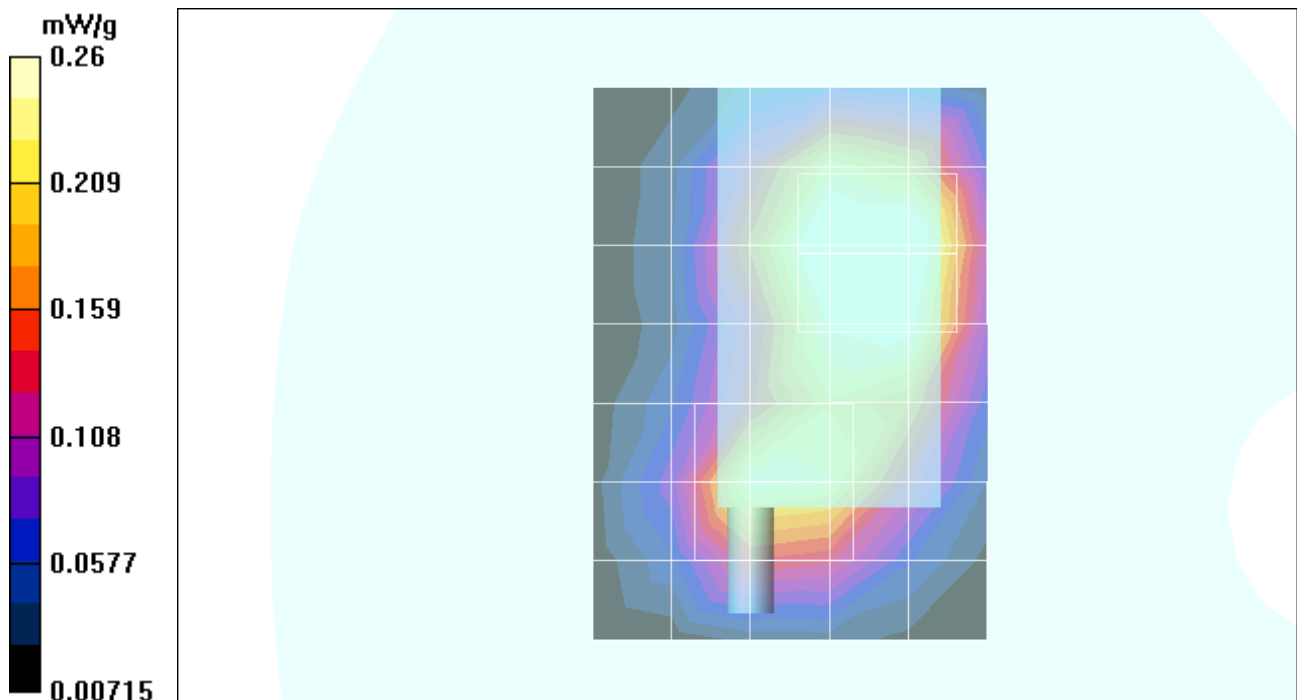
Peak SAR (extrapolated) = 0.398 W/kg

SAR(1 g) = 0.241 mW/g; SAR(10 g) = 0.143 mW/g

Reference Value = 12.5 V/m

Power Drift = 0.05 dB

Maximum value of SAR = 0.26 mW/g



Test Laboratory: Compliance Certification Services

File Name: 5_BodySection_GPRS.da4

DUT: Maxon Telecom Co., Ltd.; Type: MX-5020; Serial: N/A

Program: Body Section_GPRS

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium: Muscle 1900 MHz ($\sigma = 1.5213$ mho/m, $\epsilon_r = 52.0703$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

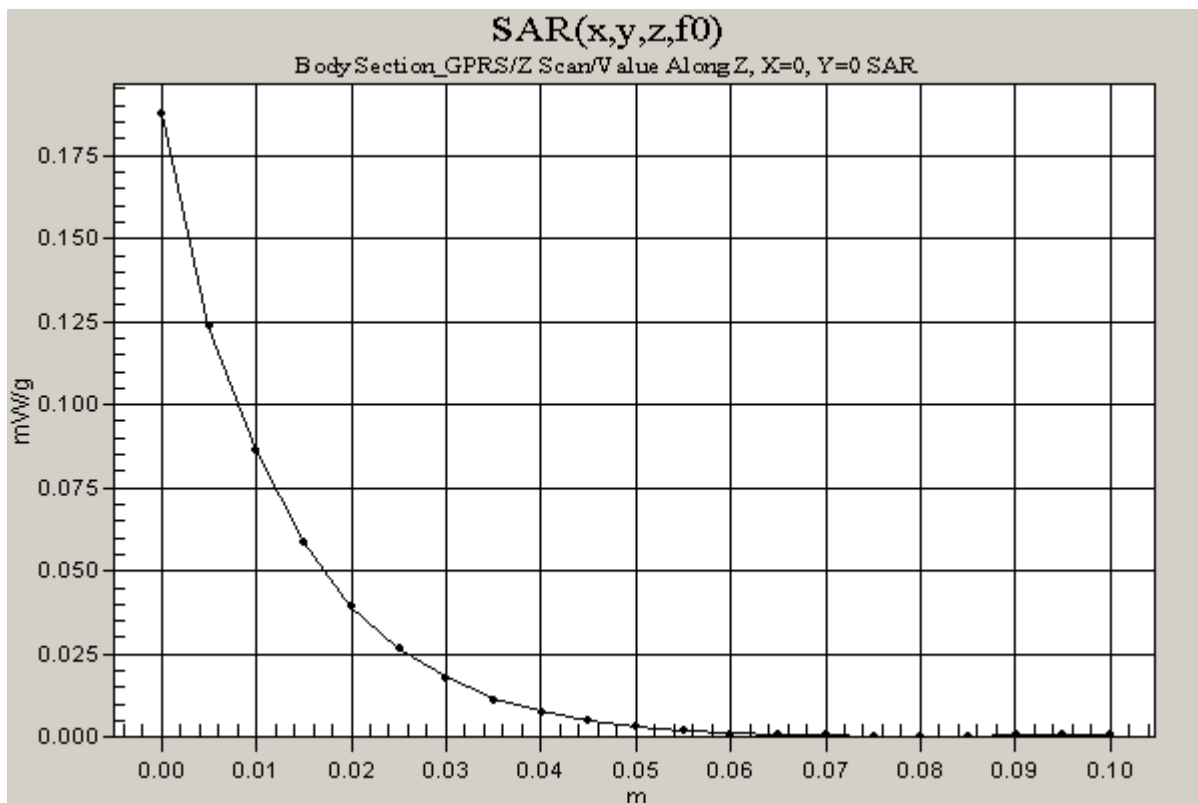
- Probe: ET3DV6 - SN1577; ConvF(5, 5, 5); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Body - Low/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 12.5 V/m

Power Drift = 0.06 dB

Maximum value of SAR = 0.188 mW/g



Test Laboratory: Compliance Certification Services

File Name: 5_BodySection_GPRS.da4

DUT: Maxon Telecom Co., Ltd.; Type: MX-5020; Serial: N/A

Program: Body Section_GPRS

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium: Muscle 1900 MHz ($\sigma = 1.5213$ mho/m, $\epsilon_r = 52.0703$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5, 5, 5); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Body - Middle/Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm

Body - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Peak SAR (extrapolated) = 0.403 W/kg

SAR(1 g) = 0.286 mW/g; SAR(10 g) = 0.182 mW/g

Reference Value = 12.6 V/m

Power Drift = -0.05 dB

Maximum value of SAR = 0.306 mW/g

Body - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

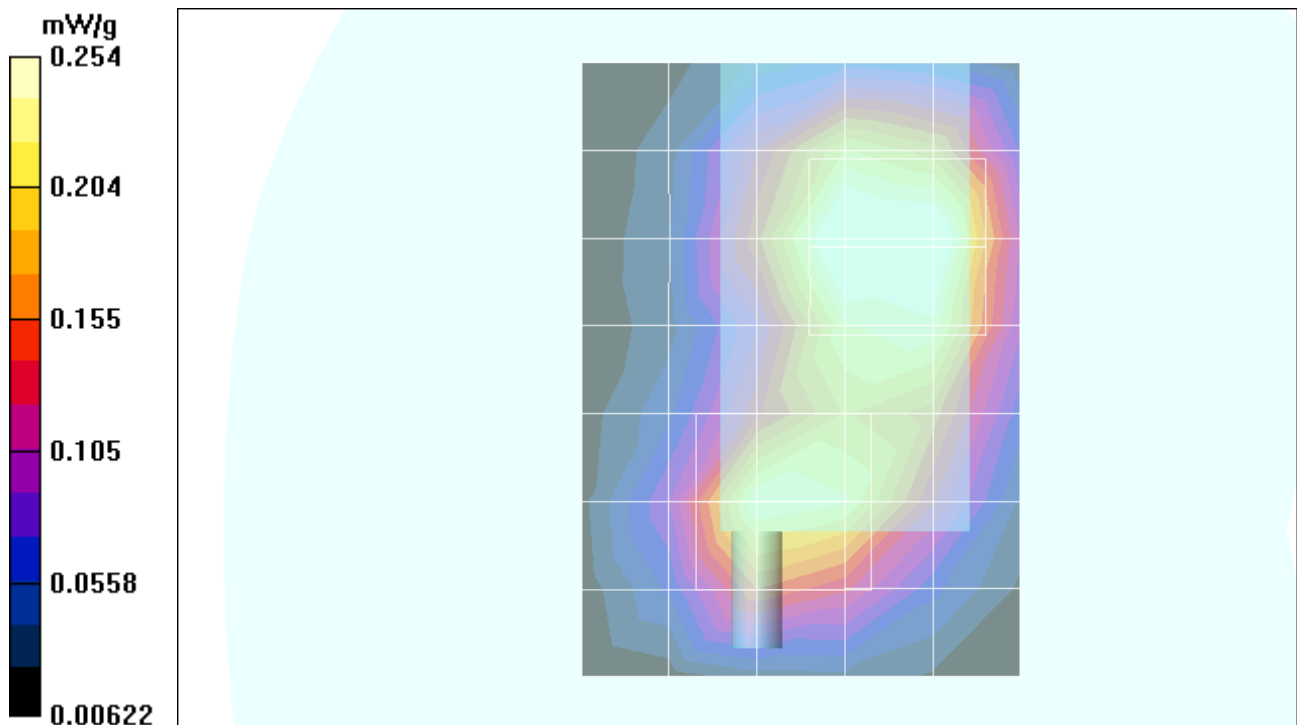
Peak SAR (extrapolated) = 0.407 W/kg

SAR(1 g) = 0.24 mW/g; SAR(10 g) = 0.14 mW/g

Reference Value = 12.6 V/m

Power Drift = -0.05 dB

Maximum value of SAR = 0.254 mW/g



Test Laboratory: Compliance Certification Services

File Name: 5_BodySection_GPRS.da4

DUT: Maxon Telecom Co., Ltd.; Type: MX-5020; Serial: N/A

Program: Body Section_GPRS

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8

Medium: Muscle 1900 MHz ($\sigma = 1.5213$ mho/m, $\epsilon_r = 52.0703$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5, 5, 5); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Body - High/Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm

Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Peak SAR (extrapolated) = 0.351 W/kg

SAR(1 g) = 0.249 mW/g; SAR(10 g) = 0.159 mW/g

Reference Value = 12.7 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.261 mW/g

Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Peak SAR (extrapolated) = 0.41 W/kg

SAR(1 g) = 0.245 mW/g; SAR(10 g) = 0.14 mW/g

Reference Value = 12.7 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.26 mW/g

