Appendix B

Detailed Test Results

1. GSM
GSM850 for Body
GSM1900 for Body

Date: 2024/10/9

GSM 850 GMSK 190CH Next to the Mouth side 10mm

DUT: 2G Smart Watch; Type: X300; Serial: A241008088-1

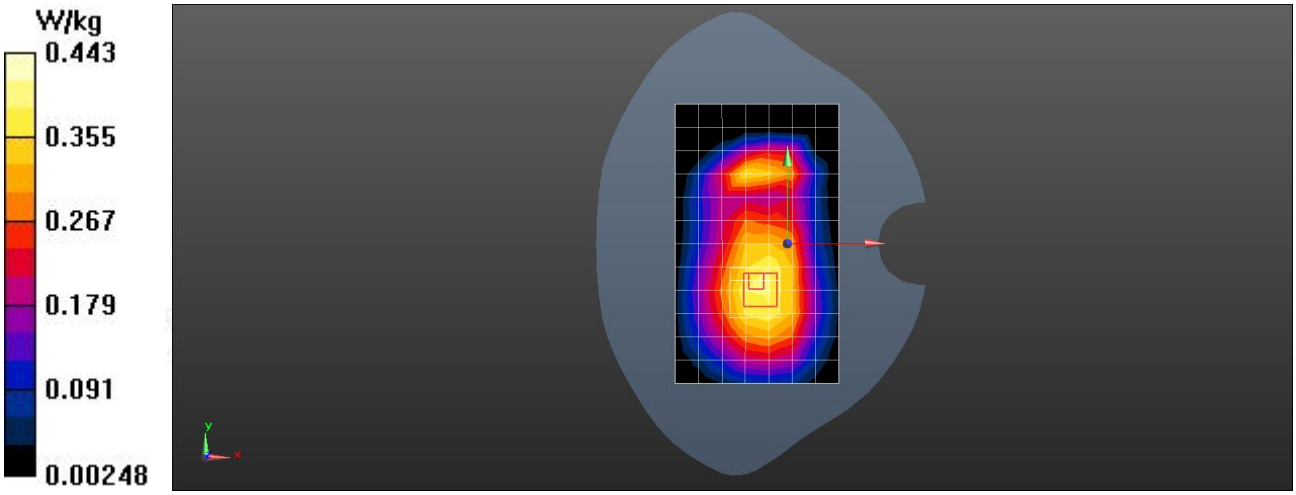
Communication System: UID 0, GSM (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.926 S/m; ε_r = 42.524; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.26, 9.26, 9.26); Calibrated: 2023/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.365 W/kg

Configuration/ Body /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 66.32 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.123 W/kg
SAR(1 g) = 0.242 W/kg; SAR(10 g) = 0.151 W/kg
Maximum value of SAR (measured) = 0.354 W/kg



Date: 2024/10/9

GSM850 GMSK 190CH Rear side 0mm

DUT: 2G Smart Watch; Type: X300; Serial: A241008088-1

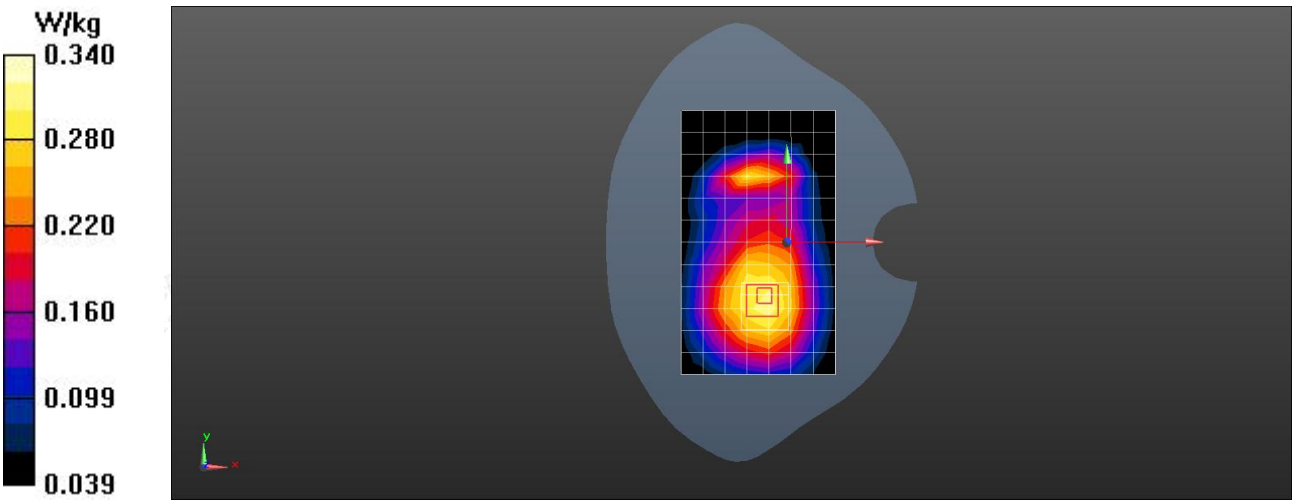
Communication System: UID 0, GSM (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.926 S/m; ε_r = 42.524; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.26, 9.26, 9.26); Calibrated: 2023/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.245 W/kg

Configuration/ Body /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.65 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.269 W/kg
SAR(1 g) = 0.512 W/kg; SAR(10 g) = 0.296 W/kg
Maximum value of SAR (measured) = 0.236 W/kg



Date: 2024/10/16

GSM1900 GMSK 661CH Next to the Mouth side 10mm

DUT: 2G Smart Watch; Type: X300; Serial: A241008088-1

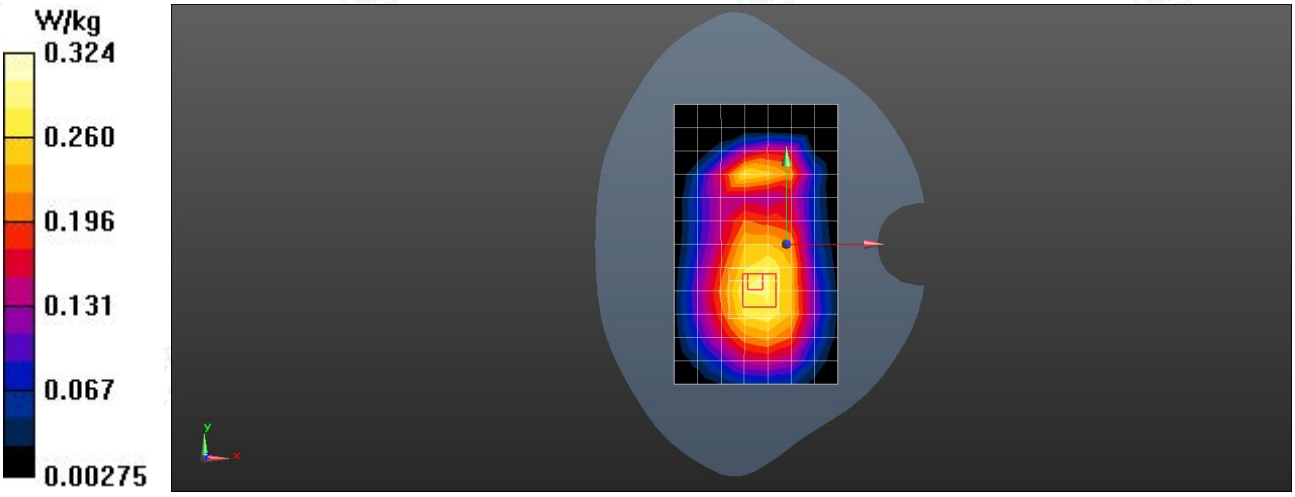
Communication System: UID 0, GSM (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.411 S/m; ε_r = 41.365; ρ = 1000 kg/m^3

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.85, 7.85, 7.85); Calibrated: 2023/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.177 W/kg

Configuration/ Body /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.326 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.223 W/kg
SAR(1 g) = 0.485 W/kg; SAR(10 g) = 0.296 W/kg
Maximum value of SAR (measured) = 0.166 W/kg



Date: 2024/10/16

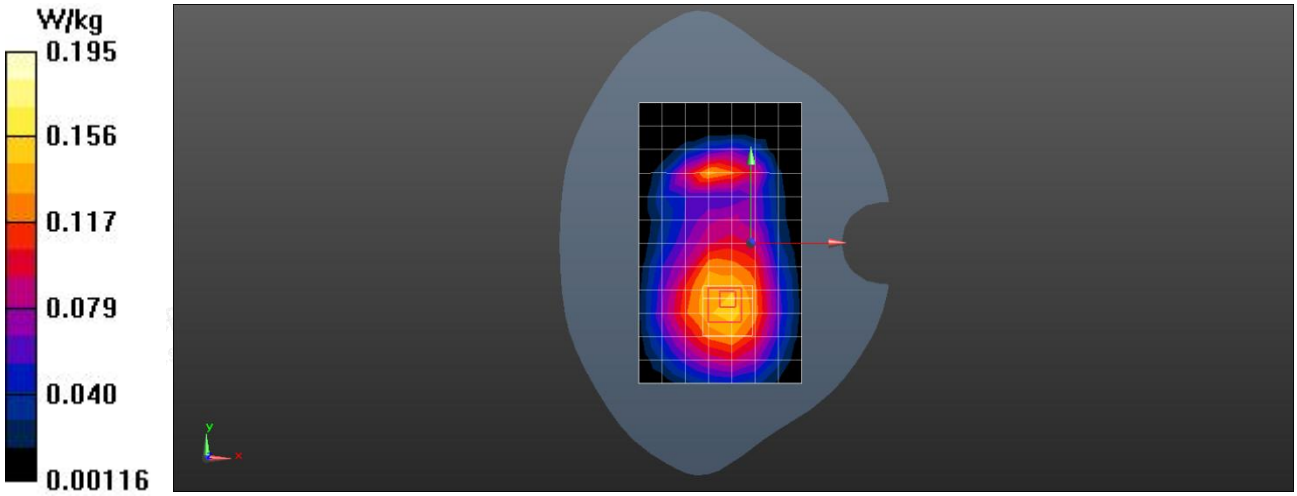
GSM1900 GMSK 661CH Rear side 0mm

DUT: 2G Smart Watch; Type: X300; Serial: A241008088-1

Communication System: UID 0, GSM (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.411 S/m; ε_r = 41.365; ρ = 1000 kg/m^3

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.85, 7.85, 7.85); Calibrated: 2023/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.487 W/kg

Configuration/ Body /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value =9.235 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.325 W/kg
SAR(1 g) = 1.162 W/kg; SAR(10 g) = 0.721 W/kg
Maximum value of SAR (measured) = 0.479 W/kg