ANNEX A – TEST PLOTS

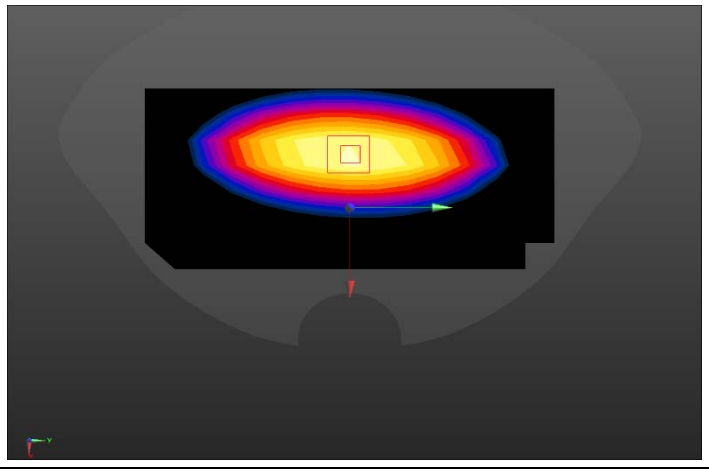
Body liquid

System check	750MHz

Communication System: UID 0, CW (0); Communication System Band: D750 (750.0 MHz); Frequency: 750 MHz; Communication System PAR: 0 dB
Medium parameters used: f = 750 MHz; σ = 0.936 S/m; ε_r = 53.074; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3127; ConvF(6.34, 6.34, 6.34); Calibrated: 2018/11/2;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = -3.0, 32.0
- Electronics: DAE4 Sn546; Calibrated: 2018/10/15
- Phantom: 1659; Type: QD 000 P40 CD; Serial: xxxx
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)
  System Performance Check at Frequencies 750MHz/d=15mm, Pin=250 mW, dist=3.0mm (ES-Probe)/Area Scan (8x15x1): Measurement grid: dx=15mm, dy=15mm
  Maximum value of SAR (measured) = 2.31 W/kg
  System Performance Check at Frequencies 750MHz/d=15mm, Pin=250 mW, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
  Reference Value = 41.26 V/m; Power Drift = 0.13 dB
  Peak SAR (extrapolated) = 3.45 W/kg
  SAR(1 g) = 2.36 W/kg; SAR(10 g) = 1.405 W/kg
  Maximum value of SAR (measured) = 2.66 W/kg



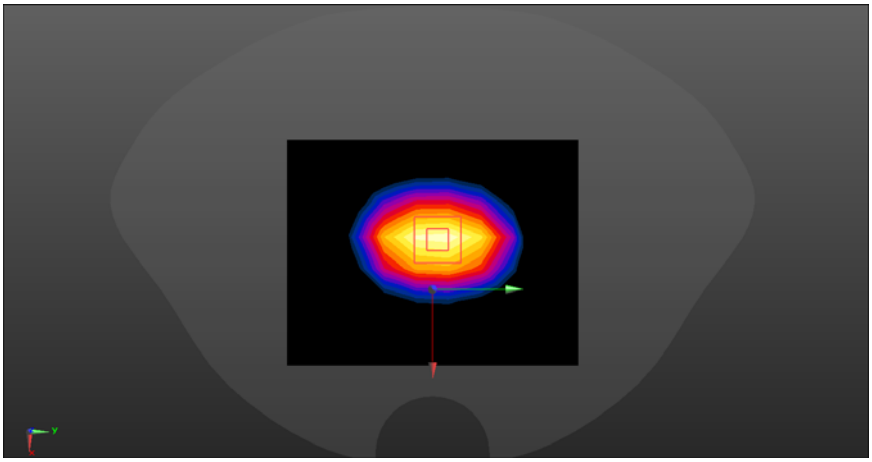
System check	1800MHz

Communication System: UID 0, CW (0); Frequency: 1800 MHz
Medium parameters used: f = 1800 MHz; σ = 1.482 S/m; ε_r = 53.217; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3127; ConvF(4.76, 4.76, 4.76); Calibrated: 2018/11/2;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn546; Calibrated: 2018/10/15
- Phantom: 1659; Type: QD 000 P40 CD; Serial: xxxx

- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)
  Configuration 1800/1800/Area Scan (8x10x1): Measurement grid: dx=15mm, dy=15mm
  Maximum value of SAR (measured) = 11.5 W/kg
  Configuration 1800/1800/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
  Reference Value = 80.17 V/m; Power Drift = 0.05 dB
  Peak SAR (extrapolated) = 17.8 W/kg
  SAR(1 g) = 9.20 W/kg; SAR(10 g) = 5.09 W/kg
  Maximum value of SAR (measured) = 12.4 W/kg

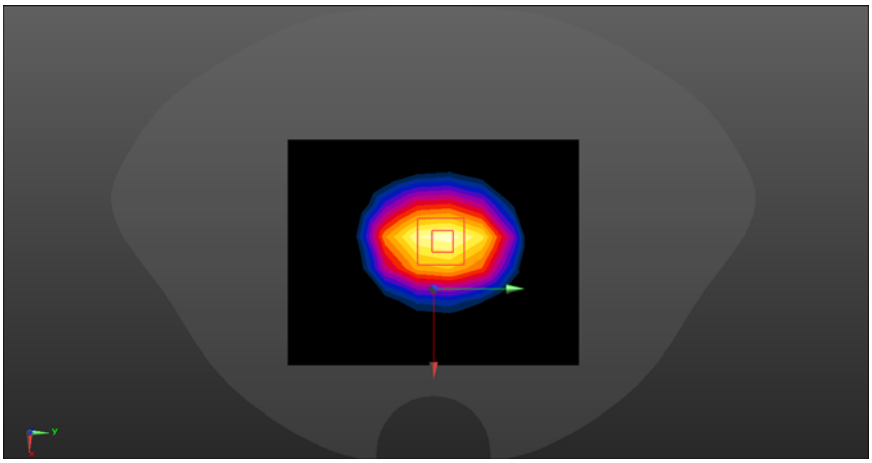


System check	2000MHz

Communication System: UID 0, CW (0); Frequency: 2000 MHz
Medium parameters used: f = 2000 MHz; σ = 1.496 S/m; ε_r = 52.601; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3127; ConvF(4.80, 4.80, 4.80); Calibrated: 2018/11/2;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn546; Calibrated: 2018/10/15
- Phantom: 1659; Type: QD 000 P40 CD; Serial: xxxx
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)
  Configuration 2000/2000/Area Scan (8x10x1): Measurement grid: dx=12mm, dy=12mm
  Maximum value of SAR (measured) = 11.1 W/kg
  Configuration 2000/2000/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
  Reference Value = 78.14 V/m; Power Drift = 0.05 dB
  Peak SAR (extrapolated) = 17.8 W/kg
  SAR(1 g) = 9.42 W/kg; SAR(10 g) = 4.90 W/kg
  Maximum value of SAR (measured) = 12.1 W/kg



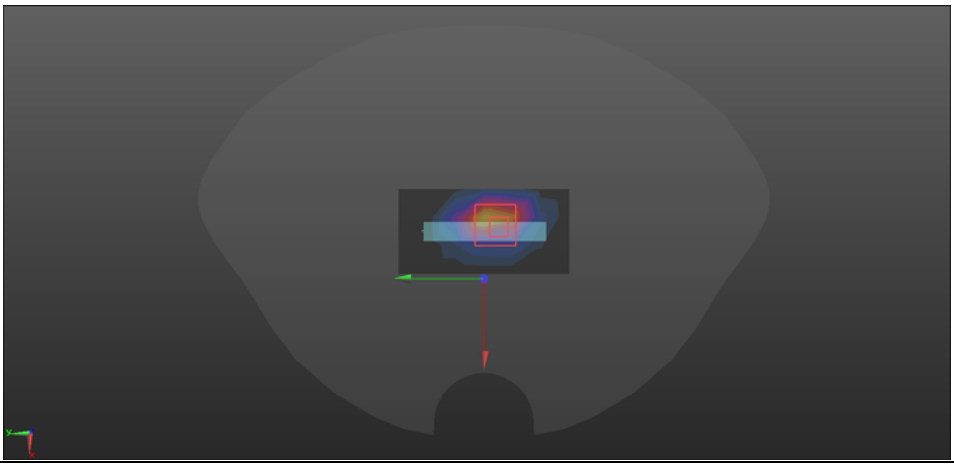
Cat M Band2

Limbs	Top

Communication System: UID 0, LTE band 02 (0); Frequency: 1880 MHz
Medium parameters used (interpolated): f = 1880 MHz; σ = 1.526 S/m; ε_r = 53.291; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5

DASY Configuration:

- Probe: ES3DV3 - SN3127; ConvF(4.76, 4.76, 4.76); Calibrated: 2018/11/2;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = -3.0, 32.0
- Electronics: DAE4 Sn546; Calibrated: 2018/10/15
- Phantom: 1659; Type: QD 000 P40 CD; Serial: xxxx
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)
  TOP/LTE2/Area Scan (4x8x1): Measurement grid: dx=15mm, dy=15mm
  Maximum value of SAR (measured) = 0.641 W/kg
  TOP/LTE2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
  Reference Value = 21.44 V/m; Power Drift = 0.19 dB
  Peak SAR (extrapolated) = 1.18 W/kg
  SAR(1 g) = 0.596 W/kg; SAR(10 g) = 0.283 W/kg
  Maximum value of SAR (measured) = 0.789 W/kg



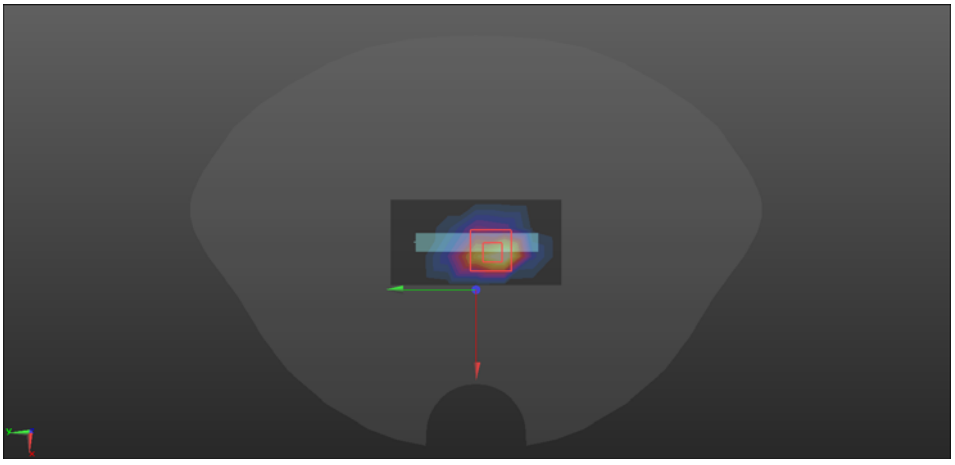
Cat M Band4

Limbs	Bottom

Communication System: UID 0, LTE band 4 (0); Frequency: 1732.5 MHz
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.477 S/m; ε_r = 53.46; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5

DASY Configuration:

- Probe: ES3DV3 - SN3127; ConvF(4.76, 4.76, 4.76); Calibrated: 2018/11/2;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = -3.0, 32.0
- Electronics: DAE4 Sn546; Calibrated: 2018/10/15
- Phantom: 1659; Type: QD 000 P40 CD; Serial: xxxx
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)
  FRONT/LTE4/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
  Maximum value of SAR (measured) = 1.23 W/kg
  FRONT/LTE4/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
  Reference Value = 26.58 V/m; Power Drift = -0.11 dB
  Peak SAR (extrapolated) =1.44 W/kg
  SAR(1 g) = 0.783 W/kg; SAR(10 g) = 0.391 W/kg
  Maximum value of SAR (measured) = 1.13 W/kg



Cat M Band12

Limbs	Front

Communication System: UID 0, LTE Band 12 (0); Frequency: 707.5 MHz
Medium parameters used (interpolated): f = 707.5 MHz; σ = 0.955 S/m; ε_r = 55.657; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5

DASY Configuration:

- Probe: ES3DV3 - SN3127; ConvF(6.33, 6.33, 6.33); Calibrated: 2018/11/2;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = -3.0, 32.0
- Electronics: DAE4 Sn546; Calibrated: 2018/10/15
- Phantom: 1659; Type: QD 000 P40 CD; Serial: xxxx
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)
  FRONT/LTE12/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
  Maximum value of SAR (measured) = 0.497 W/kg
  FRONT/LTE12/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
  Reference Value = 9.03 V/m; Power Drift = 0.07 dB
  Peak SAR (extrapolated) = 2.53 W/kg
  SAR(1 g) = 0.362 W/kg; SAR(10 g) = 0.113 W/kg
  Maximum value of SAR (measured) = 0.496 W/kg