Date: 2022-01-28

**System Check_Head_835MHz**

Communication System: ; Frequency: 835.0
Medium: HSL_850_220128. Medium parameters used: f= 835.0 MHz; $\sigma$= 0.904 S/m; $\varepsilon_r$ = 41.4
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

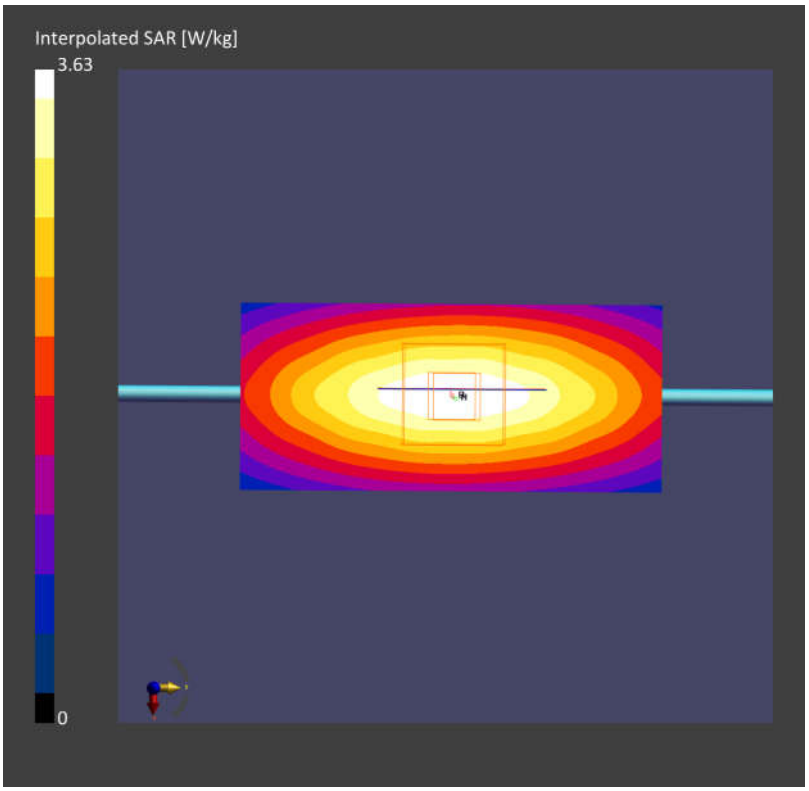
DASY6 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(9.80, 9.80, 9.80); Calibrated: 2021-10-21
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn376; Calibrated: 2021-11-22
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1488; Section: Flat
- Measurement Software: cDASY6 V6.6.0.13926
- UID: CW, 0--
- MAIA: Area Scan: N/A; Zoom Scan: N/A

**Area Scan (40.0 mm x 90.0 mm)**: Measurement Grid: 10.0 mm x 15.0 mm

SAR (1g) = 2.41 W/kg; SAR (10g) = 1.61 W/kg;

**Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm)**: Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.03 dB
SAR (1g) = 2.42 W/kg; SAR (10g) = 1.63 W/kg;



Date: 2022-01-28

**System Check_Head_1900MHz**

Communication System: ; Frequency: 1900.0
Medium: HSL_1900_220128. Medium parameters used: f= 1900.0 MHz; $\sigma$= 1.41 S/m; $\varepsilon_r$ = 41.0
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

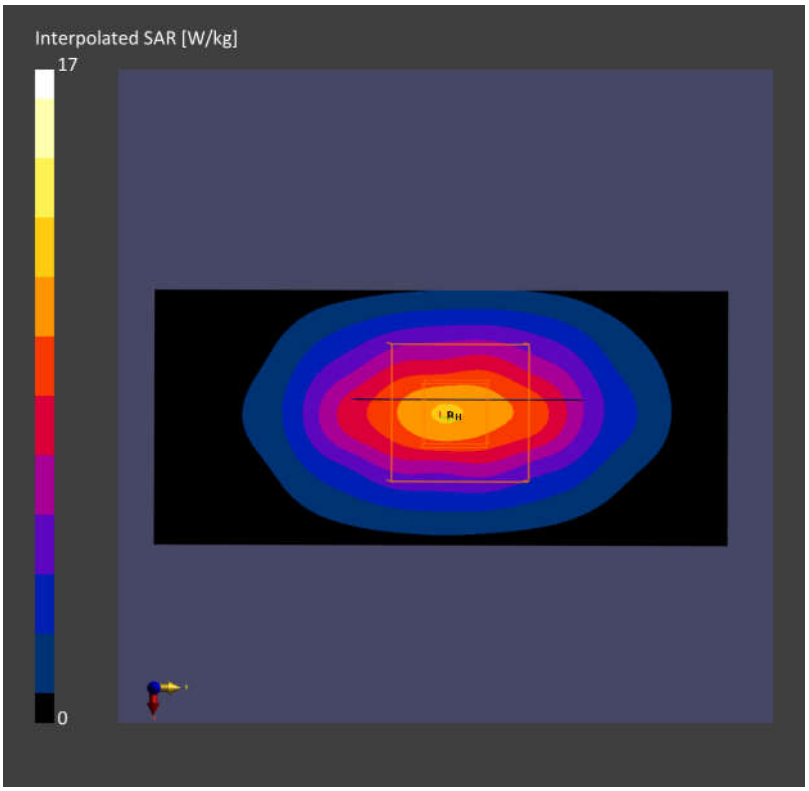
DASY6 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(8.25, 8.25, 8.25); Calibrated: 2021-10-21
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn376; Calibrated: 2021-11-22
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1488; Section: Flat
- Measurement Software: cDASY6 V6.6.0.13926
- UID: CW, 0--
- MAIA: Area Scan: N/A; Zoom Scan: N/A

**Area Scan (40.0 mm x 90.0 mm)**: Measurement Grid: 10.0 mm x 15.0 mm

SAR (1g) = 9.28 W/kg; SAR (10g) = 4.82 W/kg;

**Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm)**: Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.03 dB
SAR (1g) = 9.35 W/kg; SAR (10g) = 4.87 W/kg;



Date: 2022-01-28

**System Check_Head_2600MHz**

Communication System: ; Frequency: 2600.0
Medium: HSL_2600_220128. Medium parameters used: f= 2600.0 MHz; $\sigma$= 1.96 S/m; $\varepsilon_r$ = 38.8
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

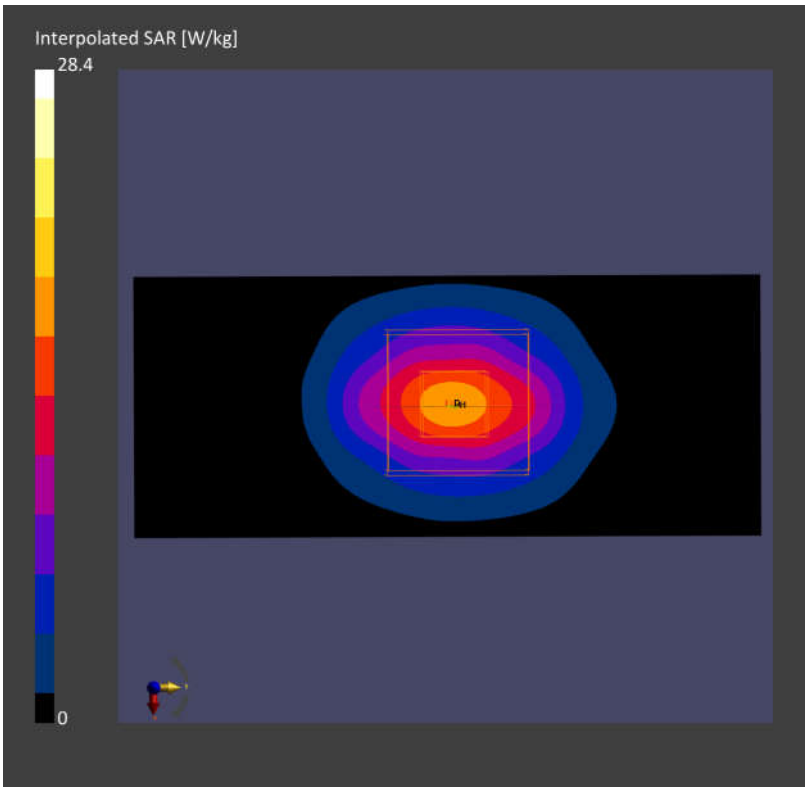
DASY6 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(7.30, 7.30, 7.30); Calibrated: 2021-10-21
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn376; Calibrated: 2021-11-22
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1488; Section: Flat
- Measurement Software: cDASY6 V6.6.0.13926
- UID: CW, 0--
- MAIA: Area Scan: N/A; Zoom Scan: N/A

**Area Scan (40.0 mm x 96.0 mm)**: Measurement Grid: 10.0 mm x 12.0 mm

SAR (1g) = 13.75 W/kg; SAR (10g) = 6.11 W/kg;

**Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm)**: Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.01 dB
SAR (1g) = 13.84 W/kg; SAR (10g) = 6.29 W/kg;



Date: 2022-01-28

**System Check_Head_3900MHz**

Communication System: ; Frequency: 3900.0
Medium: HSL_3900_220128. Medium parameters used: f= 3900.0 MHz; $\sigma$= 3.25 S/m; $\varepsilon_r$ = 36.6
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

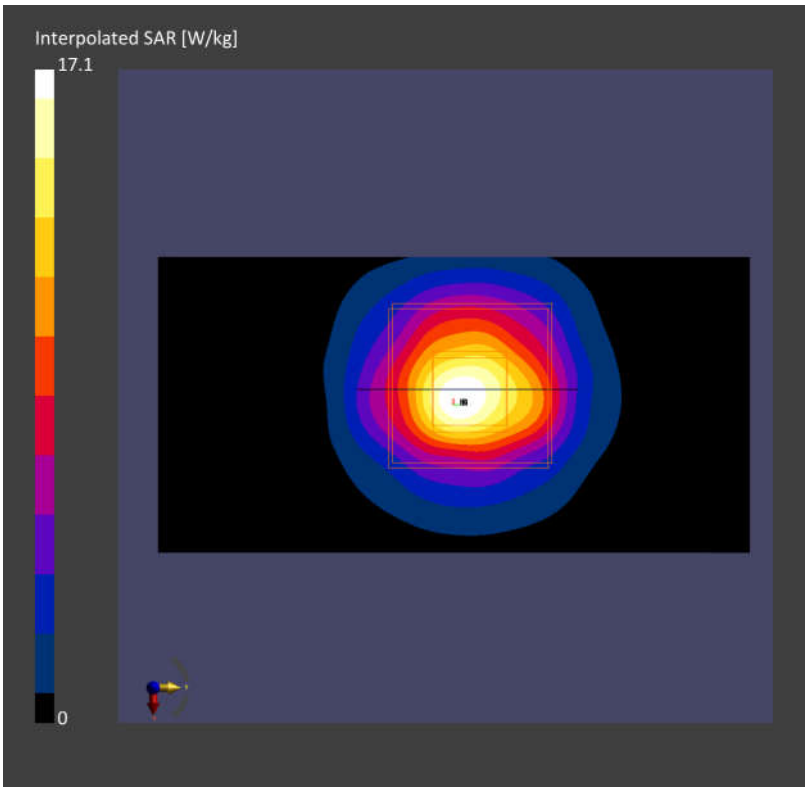
DASY6 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(6.55, 6.55, 6.55); Calibrated: 2021-10-21
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn376; Calibrated: 2021-11-22
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1488; Section: Flat
- Measurement Software: cDASY6 V6.6.0.13926
- UID: CW, 0--
- MAIA: Area Scan: N/A; Zoom Scan: N/A

**Area Scan (40.0 mm x 80.0 mm)**: Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 6.18 W/kg; SAR (10g) = 2.27 W/kg;

**Zoom Scan (28.0 mm x 28.0 mm x 28.0 mm)**: Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm

Power Drift = 0.08 dB
SAR (1g) = 6.59 W/kg; SAR (10g) = 2.41 W/kg;



## Measurement Report for Source 30GHz, FRONT, Validation band, CW, Channel 30000 (30000.0 MHz)

### Device Under Test Properties

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---|---|---|---|
| Device, | 100.0 x 100.0 x 100.0 | | Phone |

### Exposure Conditions

| Phantom Section | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz], Channel Number | Conversion Factor |
|---|---|---|---|---|---|
| 5G | FRONT, 5.55 | Validation band | CW, 0-- | 30000.0, 30000 | 1.0 |

### Hardware Setup

| Phantom | Medium | Probe, Calibration Date | DAE, Calibration Date |
|---|---|---|---|
| mmWave | Air - | EUmmWV4 - SN9432_F1-55GHz, 2021-11-29 | DAE4 Sn1664, 2021-03-01 |

### Scans Setup

| | |
|---|---|
| Scan Type | 5G Scan |
| Grid Extents [mm] | 60.0 x 60.0 |
| Grid Steps [lambda] | 0.25 x 0.25 |
| Sensor Surface [mm] | 5.55 |
| MAIA | N/A |

### Measurement Results

| | |
|---|---|
| Scan Type | 5G Scan |
| Date | 2022-1-24, 00:58 |
| Avg. Area [$cm^2$] | 4.00 |
| psPDn+ [$W/m^2$] | 33.6 |
| psPDtot+ [$W/m^2$] | 34.1 |
| psPDmod+ [$W/m^2$] | 34.3 |
| $E_{max}$ [V/m] | 132 |
| Power Drift [dB] | -0.02 |