

System Check_Head_1900MHz

Communication System: ; Frequency: 1900.0

Medium: HSL_1900_210901. Medium parameters used: $f = 1900.0$ MHz; $\sigma = 1.40$ S/m; $\epsilon_r = 40.8$

Ambient Temperature: 23.4°C; Liquid Temperature: 22.4°C

DASY6 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(8.15, 8.15, 8.15); Calibrated: 2020-10-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1424; Calibrated: 2021-01-19
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1489; Section: Flat
- Measurement Software: cDASY6 V6.6.0.13926
- UID: CW, 0--
- MAIA: Area Scan: N/A; Zoom Scan: N/A

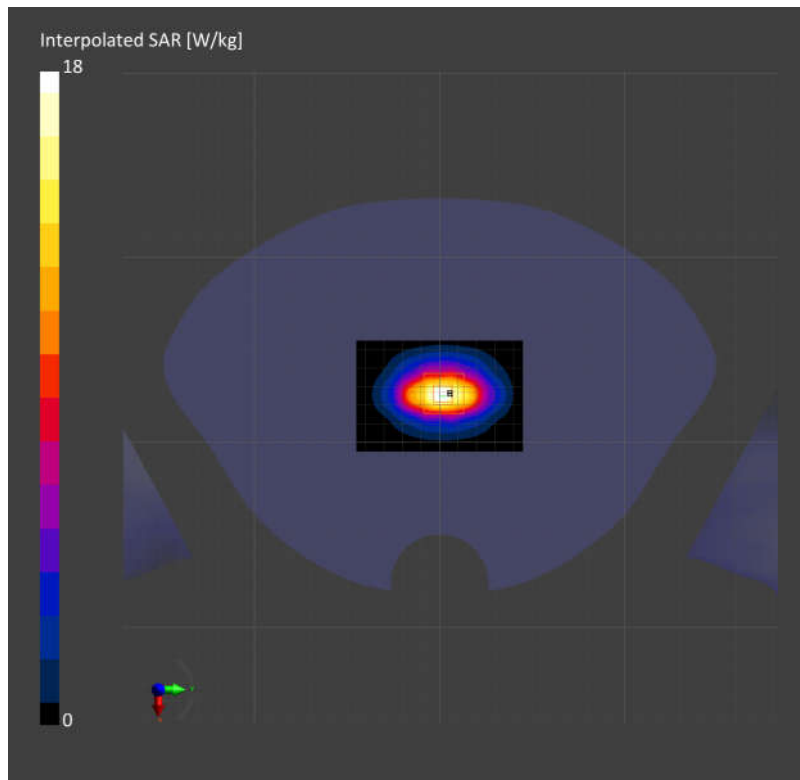
Area Scan (60.0 mm x 90.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 9.15 W/kg; SAR (10g) = 4.70 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 = -0.04 dB

SAR (1g) = 9.34 W/kg; SAR (10g) = 4.83 W/kg;



System Check_Head_2600MHz

Communication System: ; Frequency: 2600.0

Medium: HSL_2600_210824. Medium parameters used: $f = 2600.0$ MHz; $\sigma = 1.93$ S/m; $\epsilon_r = 38.3$

Ambient Temperature: 23.4°C; Liquid Temperature: 22.4°C

DASY6 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.37, 7.37, 7.37); Calibrated: 2020-10-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1424; Calibrated: 2021-01-19
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1489; Section: Flat
- Measurement Software: cDASY6 V6.6.0.13926
- UID: CW, 0--
- MAIA: Area Scan: N/A; Zoom Scan: N/A

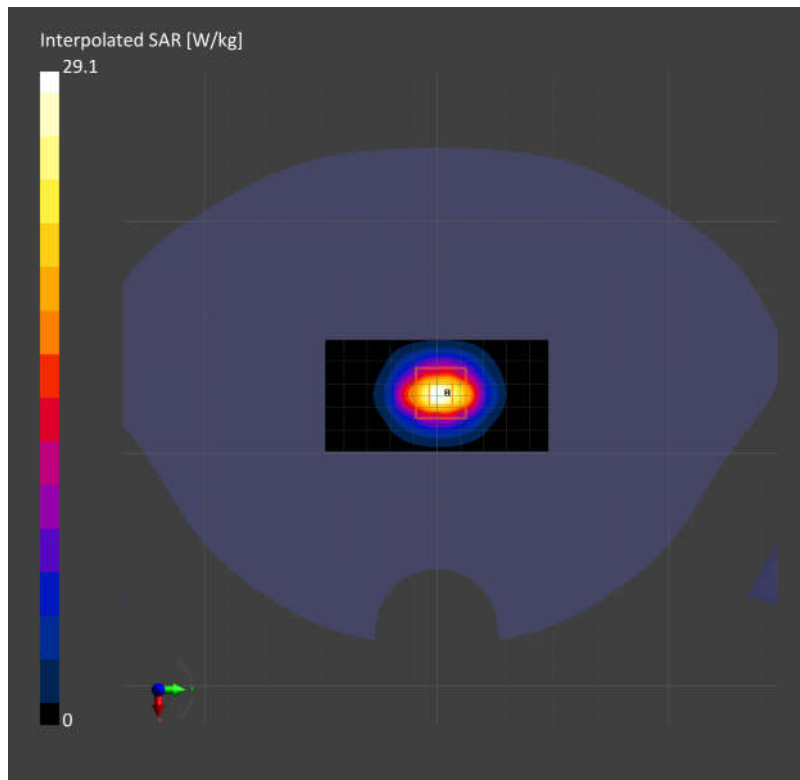
Area Scan (48.0 mm x 96.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 13.5 W/kg; SAR (10g) = 5.96 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 = -0.02 dB

SAR (1g) = 13.8 W/kg; SAR (10g) = 6.16 W/kg;



System Check_Head_3700MHz

Communication System: ; Frequency: 3700.0

Medium: HSL_3700_210901. Medium parameters used: $f = 3700.0$ MHz; $\sigma = 3.20$ S/m; $\epsilon_r = 38.1$

Ambient Temperature: 23.4°C; Liquid Temperature: 22.4°C

DASY6 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(6.49, 6.49, 6.49); Calibrated: 2021-02-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1424; Calibrated: 2021-01-19
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1489; Section: Flat
- Measurement Software: cDASY6 V6.6.0.13926
- UID: CW, 0--
- MAIA: Area Scan: N/A; Zoom Scan: N/A

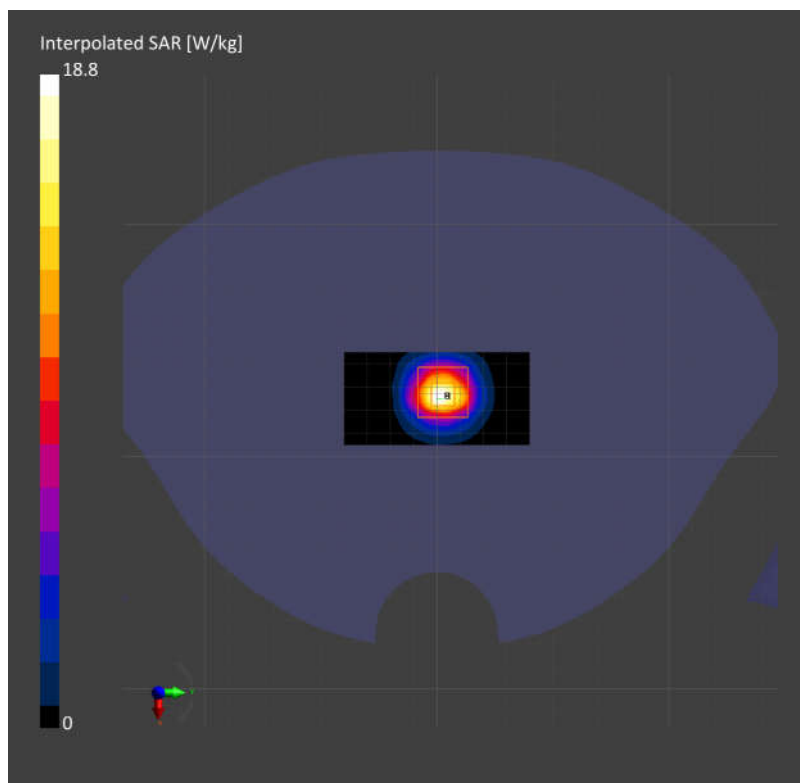
Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 6.71 W/kg; SAR (10g) = 2.54 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 = 0.03 dB

SAR (1g) = 7.02 W/kg; SAR (10g) = 2.61 W/kg;



Measurement Report for Device
Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	100.0 x 100.0 x 100.0		5G Verification Source

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G	FRONT, 5.50	30000.0	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – xxxx	Air –	EUmmWV4 – SN9441_F1-78GHz, 2020-11-24	DAE4 Sn316, 2021-01-19

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]	5.5

Measurement Results

Date	2021-09-03, 09:30
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	26.3
psPDtot+ [W/m ²]	26.8
H _{max} [A/m]	0.339
E _{max} [V/m]	120
max(Stot) [W/m ²]	36.7
Power Drift [dB]	-0.11

