

Date: 2023/11/28

System Check_6500MHz

DUT: D6.5GHzV2-SN:1026

Communication System: Validation band; Frequency: 6500.0

Medium: HSL. Medium parameters used: $f = 6500.0$ MHz; $\sigma = 5.981$ S/m; $\epsilon_r = 34.696$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(5.12, 5.53, 5.57); Calibrated: 2023/6/22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn715; Calibrated: 2023/1/23
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1670; Section: Flat
- Measurement Software: cDASY6 V6.6.0.13926
- UID: CW, 0--
- MAIA: Area Scan: N/A; Zoom Scan: N/A

Area Scan (36.0 mm x 51.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

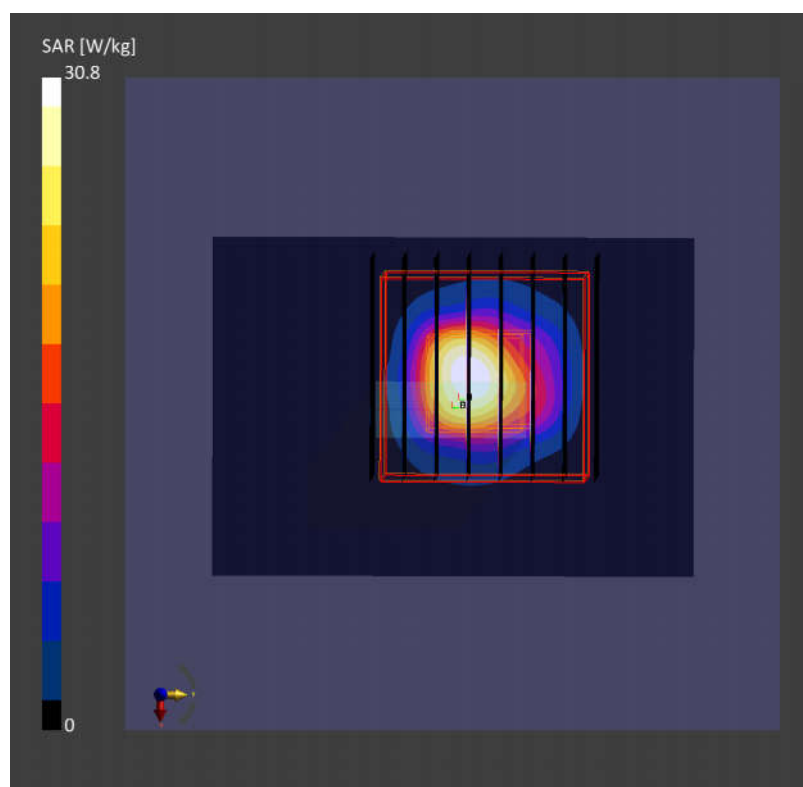
SAR (1g) = 27.0 W/kg; SAR (10g) = 5.34 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.2 mm

Power Drift = 0.00 dB

SAR (1g) = 30.8 W/kg; SAR (10g) = 5.5 W/kg;

psAPD (4.0cm², sq) = 136 [W/m²]



System Check_6500MHz

DUT: D6.5GHzV2-SN:1026

Communication System: Validation band; Frequency: 6500.0

Medium: HSL. Medium parameters used: $f = 6500.0$ MHz; $\sigma = 5.917$ S/m; $\epsilon_r = 33.925$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY6 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(5.12, 5.53, 5.57); Calibrated: 2023/6/22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn715; Calibrated: 2023/1/23
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1670; Section: Flat
- Measurement Software: cDASY6 V6.6.0.13926
- UID: CW, 0--
- MAIA: Area Scan: N/A; Zoom Scan: N/A

Area Scan (36.0 mm x 51.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

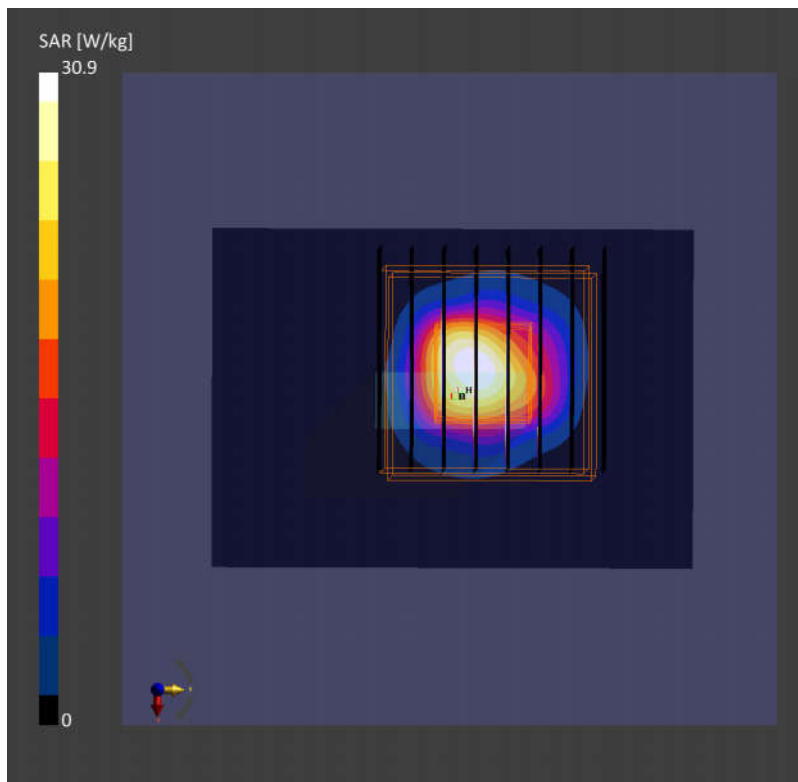
SAR (1g) = 26.8 W/kg; SAR (10g) = 5.41 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = 0.01 dB

SAR (1g) = 30.9 W/kg; SAR (10g) = 5.55 W/kg;

psAPD (4.0cm², sq) = 137 [W/m²]



Measurement Report for Device, FRONT, Validation band, CW, Channel 10000 (10000.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	100.0 x 100.0 x 105.0		Source

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	FRONT, 10.00	Validation band	CW, 0--	10000.0, 10000	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave	Air -	EUmmWV4 - SN9461_F1-55GHz, 2023-10-13	DAE4 Sn715, 2023-01-23

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.125 x 0.125
Sensor Surface [mm]	10.0
MAIA	N/A

Measurement Results

Scan Type	5G Scan
Date	2023-11-21
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	167
psPDtot+ [W/m ²]	168
psPDmod+ [W/m ²]	171
E _{max} [V/m]	293
Power Drift [dB]	0.04

