

System Cheek_6500MHz

DUT:D6.5GHzV2-1026

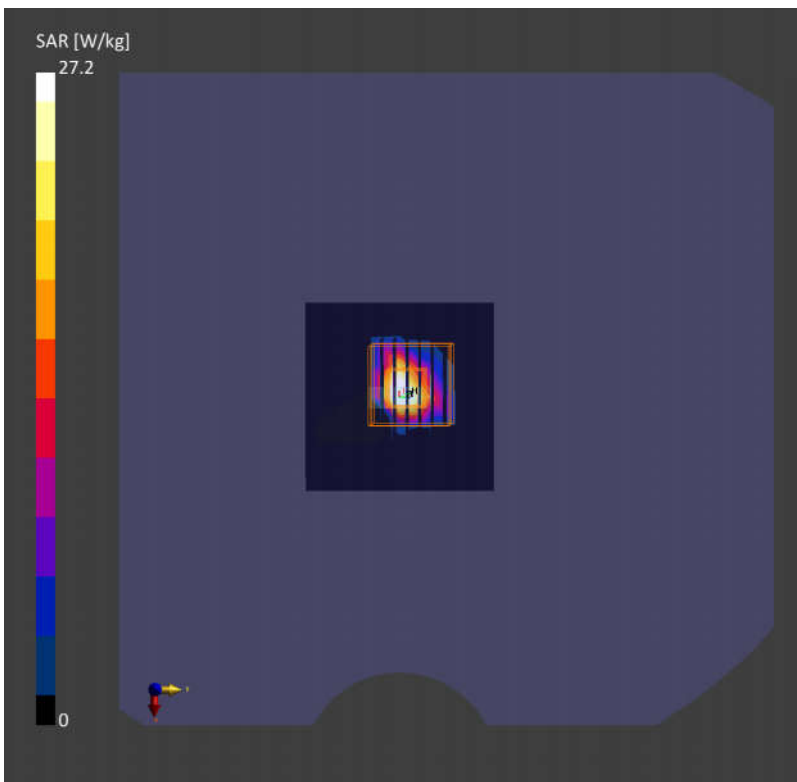
Communication System: Custom Band; Frequency: 6500.0 MHz; Duty Cycle: 1:1
Medium: HSL. Medium parameters used: $f=6500.0$ MHz; $\sigma=6.01$ S/m; $\epsilon_r=34.0$
Ambient Temperature: 23.5°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(5.19, 5.07, 5.26); Calibrated: 2023-4-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1664; Calibrated: 2023-6-6
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2033; Section: Flat
- Measurement Software: cDASY6 16.2.2.1588
- UID: CW, 0--

Area Scan (51.0 mm x 51.0 mm): Measurement Grid: 8.5 mm x 8.5 mm
SAR (1g) = 21.8 W/kg; SAR (10g) = 4.66 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 = 0.02 dB
SAR (1g) = 27.2 W/kg; SAR (10g) = 5.10 W/kg;
psAPD (4.0cm², sq) = 123 [W/m²]



Date: 2024-3-24

System Check_6500MHz

DUT:D6.5GHzV2-1026

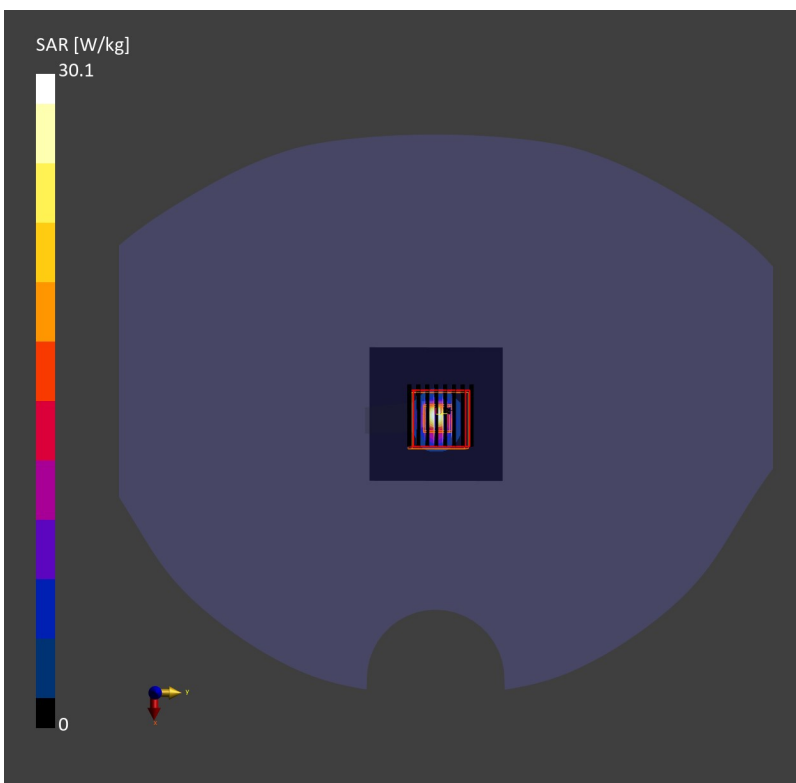
Communication System: CW; Frequency: 6500.0 MHz; Duty Cycle: 1:1
Medium: HSL Medium parameters used: $f = 6500.0$ MHz; $\sigma = 6.08$ S/m; $\epsilon_r = 33.0$
Ambient Temperature: 23.3°C; Liquid Temperature: 22.5°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(5.19, 5.07, 5.26); Calibrated: 2023-4-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1664; Calibrated: 2023-6-6
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2033; Section: Flat
- Measurement Software: cDASY6 16.2.2.1588
- UID: CW, 0--

Area Scan (51.0 mm x 51.0 mm): Measurement Grid: 8.5 mm x 8.5 mm
SAR (1g) = 25.1 W/kg; SAR (10g) = 5.06 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 = -0.08 dB
SAR (1g) = 30.1 W/kg; SAR (10g) = 5.57 W/kg
psAPD (4.0cm², sq) = 136 [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 - SN9432_F1-55GHz, 2023-12-13	DAE4 Sn715, 2024-1-25

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	2024-03-18
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	177
psPDtot+ [W/m ²]	178
psPDmod+ [W/m ²]	181
E _{max} [V/m]	303
Power Drift [dB]	0.00

