

System Cheek_6500MHz

D6.5GHzV2-1026

Communication System: Custom Band; Frequency: 6500.0

Medium: HSL. Medium parameters used: $f= 6500.0$ MHz; $\sigma= 6.08$ S/m; $\epsilon_r = 34.0$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(5.25, 5.25, 5.25); Calibrated: 2023/12/13
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1210; Calibrated: 2023/3/23
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1670; Section: Flat
- Measurement Software: cDASY6 V6.6.0.13926
- UID: CW, 0--

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

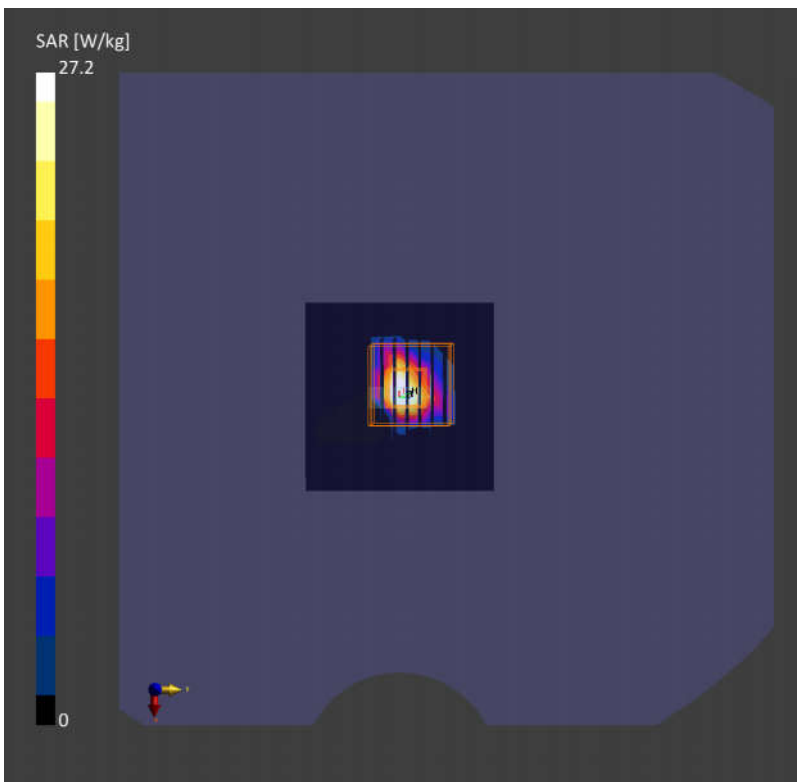
SAR (1g) = 21.8 W/kg; SAR (10g) = 4.66 W/kg;

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) = 119 [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 Sn1303, 2023-11-20

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	2024-02-04
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	151
psPDtot+ [W/m ²]	153
psPDmod+ [W/m ²]	156
E _{max} [V/m]	298
Power Drift [dB]	0.00

