

Date: 2026-07-01

System Check_6500MHz**DUT:D6.5GHzV2-SN:1026**

Communication System: CW; Frequency: 6500.000 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 6500.000$ MHz; $\sigma = 6.08$ S/m; $\epsilon_r = 34.0$

Ambient Temperature: 23.6°C; Liquid Temperature: 22.3°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7576; ConvF(5.38, 4.99, 5.19); Calibrated: 2026-05-26
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn715; Calibrated: 2025-11-28
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1670; Section: Flat
- Measurement Software: 18.0.0.7250
- UID: CW, 0-

Pin=100mW/Area Scan (40.0 mm x 102.0 mm): Measurement Grid: 5.0 mm x 8.5 mm

SAR (1g) = 26.5 W/kg; SAR (10g) = 5.04 W/kg;

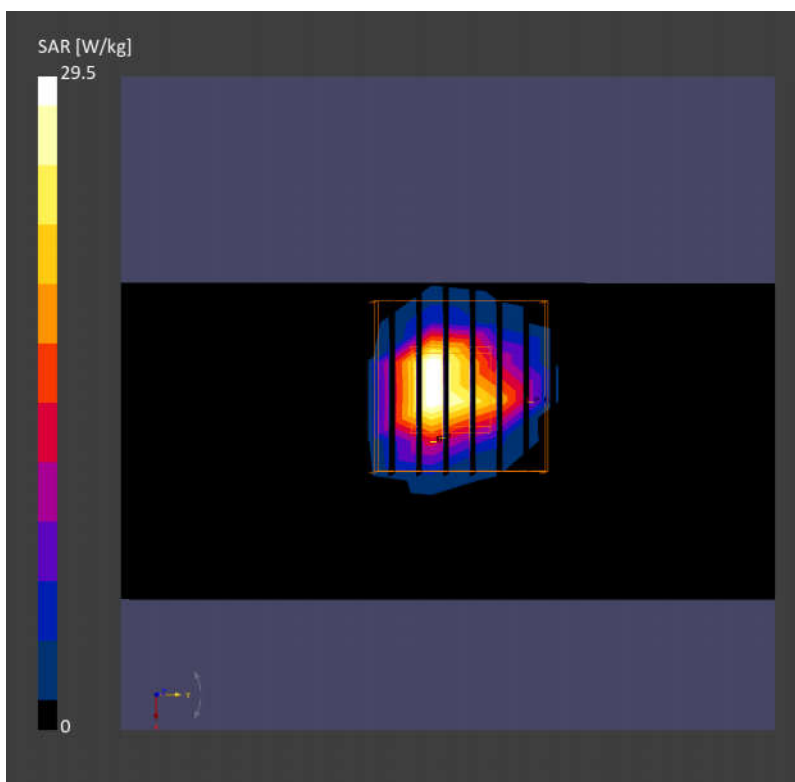
Pin=100mW/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mmx 1.4 mm

Power Drift = 0.02 dB

SAR (1g) = 29.5 W/kg; SAR (10g) = 5.36 W/kg

Smallest distance from peaks to all points 3 dB below = 4.0 mm

Ratio of SAR at M2 to SAR at M1 = 50.5 %

psAPD (4.0cm², sq) = 130 [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, 2026-05-22	DAE4 Sn715, 2025-11-28

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	2026-07-07
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	152
psPDtot+ [W/m²]	153
psPDmod+ [W/m²]	155
E _{max} [V/m]	298
Power Drift [dB]	0.05

