

## System Check\_6500MHz

**DUT: D6500HzV2-SN:1026**

Communication System: Validation band; Frequency: 6500.0

Medium: HSL. Medium parameters used:  $f= 6500.0$  MHz;  $\sigma= 5.89$  S/m;  $\epsilon_r = 34.1$

Ambient Temperature: 23.7°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(5.12, 5.53, 5.57); Calibrated: 2023/06/22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn715; Calibrated: 2023/01/23
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1670; Section: Flat
- Measurement Software: cDASY6 V16.0.0.116
- UID: CW, 0--

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

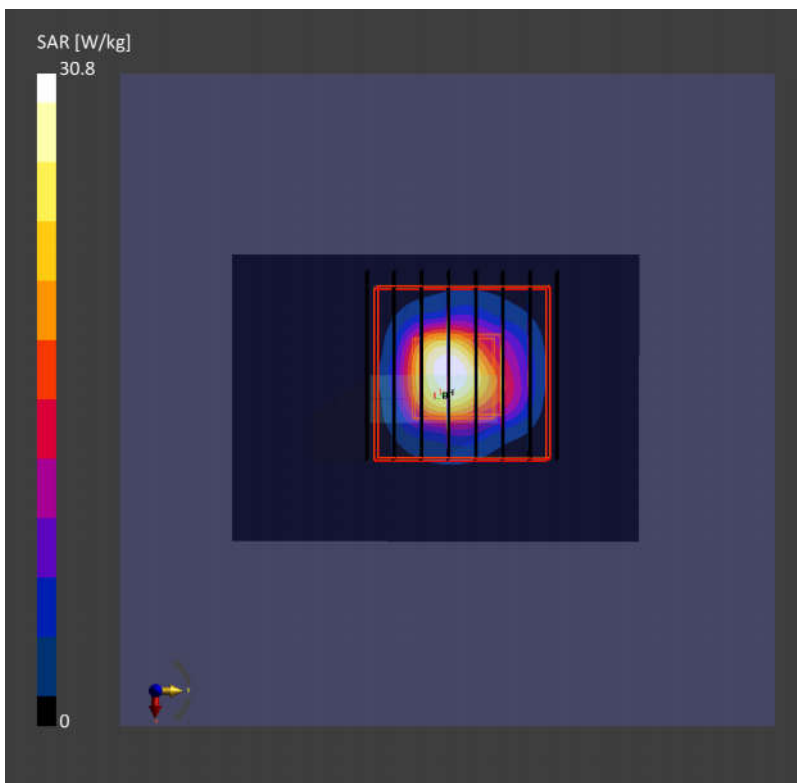
SAR (1g) = 27.0 W/kg; SAR (10g) = 5.34 W/kg;

**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 = 0.03 dB

SAR (1g) = 30.8 W/kg; SAR (10g) = 5.57 W/kg;

psAPD (4.0cm<sup>2</sup>, sq) = 136 [W/m<sup>2</sup>]



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		10G 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, 2023-01-23	DAE4 Sn715, 2023-01-23

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.15 x 0.15
Sensor Surface [mm]	10.0
MAIA	N/A

Measurement Results

Scan Type	5G Scan
Date	2023-09-21
Avg. Area [cm <sup>2</sup> ]	4.00
psPDn+ [W/m <sup>2</sup> ]	162
psPDtot+ [W/m <sup>2</sup> ]	163
psPDmod+ [W/m <sup>2</sup> ]	166
E <sub>max</sub> [V/m]	294
Power Drift [dB]	0.00

