

## 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

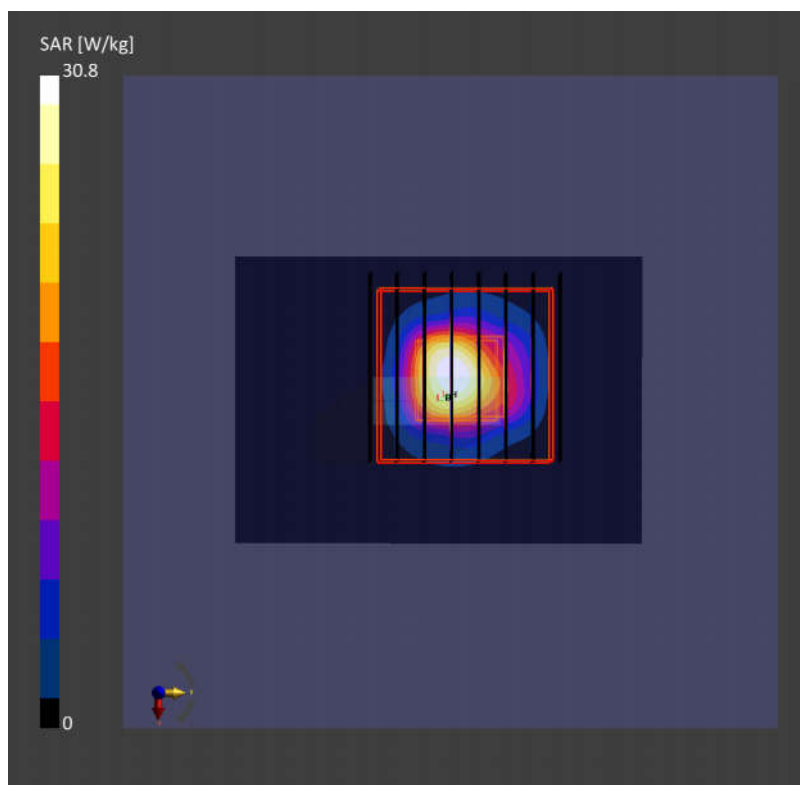
SAR (1g) = 27.0 W/kg; SAR (10g) = 5.34 W/kg;

**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 [cm²]        | 4.00       |
| psPDn+ [W/m²]          | 162        |
| psPDtot+ [W/m²]        | 163        |
| psPDmod+ [W/m²]        | 166        |
| E <sub>max</sub> [V/m] | 294        |
| Power Drift [dB]       | 0.00       |

