

## System Check\_Head\_6500MHz

### DUT: D6.5GHzV2 - SN1003

Communication System: CW; Frequency: 6500.000 MHz; Duty Cycle: 1:1  
Medium: HSL\_6G\_230730 Medium parameters used:  $f = 6500.000$  MHz;  $\sigma = 5.95$  S/m;  $\epsilon_r = 34.2$   
Ambient Temperature: 23.6°C; Liquid Temperature: 22.6°C

#### DASY8 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(5.7, 5.7, 5.7); Calibrated: 2023-02-21
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1694; Calibrated: 2022-11-18
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2156-; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW, 0--

**Pin=20.0dBm/Area Scan (51.0 mm x 85.0 mm):** Measurement Grid: 8.5 mm x 8.5 mm  
SAR (1g) = 26.4 W/kg; SAR (10g) = 5.11 W/kg;

**Pin=20.0dBm/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) = 29.1 W/kg; SAR (8g) = 6.60 W/kg; SAR (10g) = 5.41 W/kg  
Smallest distance from peaks to all points 3 dB below = 4.6 mm  
Ratio of SAR at M2 to SAR at M1 = 50.5 %  
psAPD (1.0cm<sup>2</sup>, sq) = 291 [W/m<sup>2</sup>]; psAPD (4.0cm<sup>2</sup>, sq) = 132 [W/m<sup>2</sup>]

