

Date: 2025-11-01

System Check_Head_6500MHz**DUT: D6.5GHzV2 - SN1003**

Communication System: CW; Frequency: 6500.000 MHz

Medium: HSL_600-7200_251101 Medium parameters used: $f = 6500.000$ MHz; $\sigma = 5.97$ S/m; $\epsilon_r = 32.2$

Ambient Temperature: 23.4°C; Liquid Temperature: 22.4°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7793; ConvF(4.79, 4.92, 5.07); Calibrated: 2025-02-18
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1805; Calibrated: 2025-05-21
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.4.0.5005
- 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) = 26.1 W/kg; SAR (10g) = 5.56 W/kg;

TSL Correction: Positive only

Pin=20.0dBm/Zoom Scan (23.8 mm x 27.2 mm x 22.9 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = 0.08 dB

SAR (1g) = 31.2 W/kg; SAR (8g) = 7.10 W/kg; SAR (10g) = 5.88 W/kg

Smallest distance from peaks to all points 3 dB below = 4.6 mm

Ratio of SAR at M2 to SAR at M1 = 52.1 %

psAPD (1.0cm², sq) = 312 [W/m²]; psAPD (4.0cm², sq) = 142 [W/m²]

TSL Correction: Positive only

