

Date: 2025-01-13

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

Communication System: CW; Frequency: 6500.000 MHz

Medium: HSL_6G_250113 Medium parameters used: $f = 6500.000$ MHz; $\sigma = 6.19$ S/m; $\epsilon_r = 35.2$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(5.6, 5.47, 5.92); Calibrated: 2024-12-13
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1800; Calibrated: 2024-06-18
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 20.2 W/kg; SAR (10g) = 4.86 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 = -0.03 dB

SAR (1g) = 29.6 W/kg; SAR (8g) = 6.66 W/kg; SAR (10g) = 5.48 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 49.3 %

psAPD (1.0cm², sq) = 296 [W/m²]; psAPD (4.0cm², sq) = 133 [W/m²]