

System Check_Head_5800MHz

DUT: D5GHzV2 - SN1006

Communication System: CW; Frequency: 5800.000 MHz

Medium: HSL_600-7200_251225 Medium parameters used: $f = 5800.000$ MHz; $\sigma = 5.12$ S/m; $\epsilon_r = 33.5$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.2°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7700; ConvF(5.52, 5.3, 5.33); Calibrated: 2025-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn699; Calibrated: 2025-02-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: CW, 0--

Pin=17.0dBm/Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 3.65 W/kg; SAR (10g) = 1.02 W/kg;

TSL Correction: Positive only

Pin=17.0dBm/Zoom Scan (36.0 mm x 32.0 mm x 22.9 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

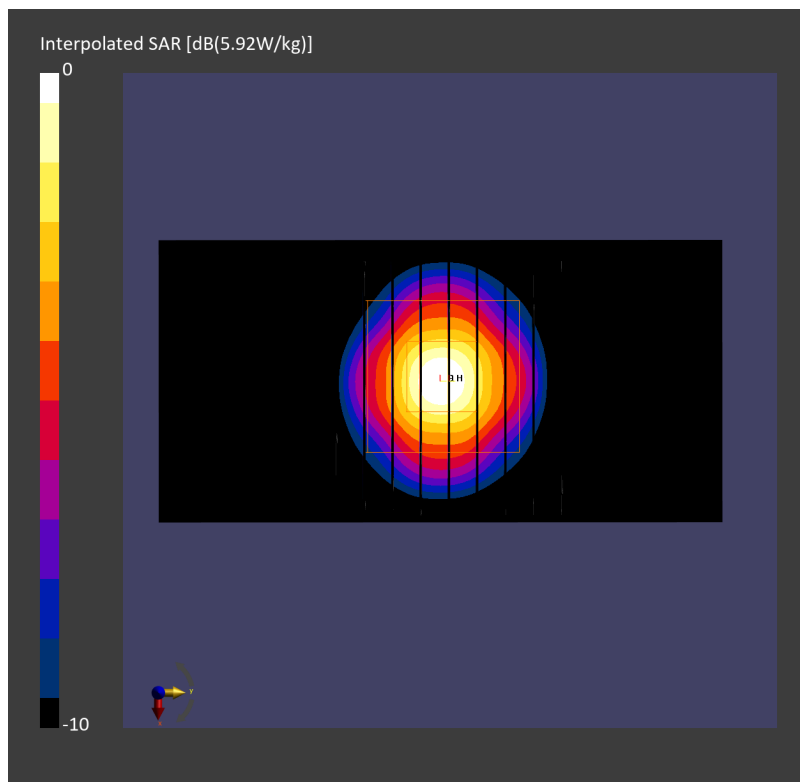
Power Drift = 0.04 dB

SAR (1g) = 3.81 W/kg; SAR (8g) = 1.25 W/kg; SAR (10g) = 1.07 W/kg

Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 57.4 %

TSL Correction: Positive only



System Check_Head_6500MHz

DUT: D6.5GHzV2 - SN1083

Communication System: CW; Frequency: 6500.000 MHz

Medium: HSL_600-7200_251225 Medium parameters used: $f = 6500.000$ MHz; $\sigma = 5.98$ S/m; $\epsilon_r = 32.2$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7700; ConvF(5.75, 5.53, 5.56); Calibrated: 2025-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn699; Calibrated: 2025-02-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079; 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) = 24.7 W/kg; SAR (10g) = 5.09 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 = 0.02 dB

SAR (1g) = 29.0 W/kg; SAR (8g) = 6.51 W/kg; SAR (10g) = 5.38 W/kg

Smallest distance from peaks to all points 3 dB below = 4.8 mm

Ratio of SAR at M2 to SAR at M1 = 51.3 %

psAPD (1.0cm², sq) = 290 [W/m²]; psAPD (4.0cm², sq) = 130 [W/m²]

TSL Correction: Positive only

