

System Check_Head_6500MHz

DUT:D6.5GHzV2 - SN:1031

Communication System: ; Frequency: 6500.000

Medium: HSL. Medium parameters used: $f= 6500.000$ MHz; $\sigma= 6.08$ S/m; $\epsilon_r = 34.0$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.9°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7706; ConvF(5.85, 5.85, 5.85); Calibrated: 2023-01-26
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2023-02-21
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2024
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (51.0 mm x 85.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

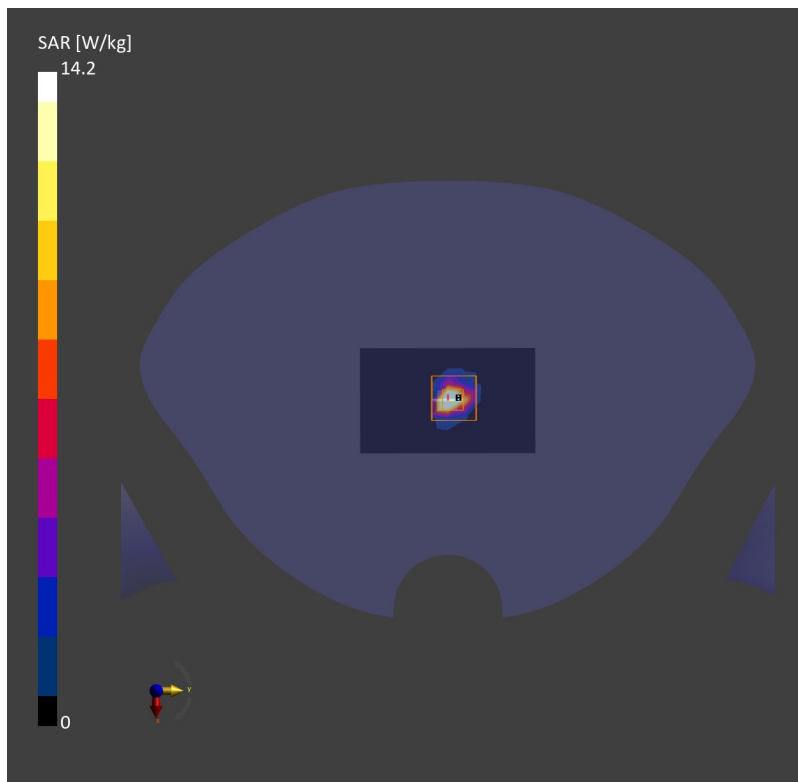
SAR (1g) = 12.0 W/kg; SAR (10g) = 2.46 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = -0.01 dB

SAR (1g) = 14.2 W/kg; SAR (10g) = 2.63 W/kg;

psAPD (4.0cm², sq) = 64.3 [W/m²];



Measurement Report for Source 10G, FRONT, Validation band, CW, Channel 10000 (10000.0 MHz)

Device Under Test Properties

| Model, Manufacturer | Dimensions [mm] |
|---------------------|-----------------------|
| Source 10G, | 100.0 x 100.0 x 105.0 |

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 - 1065 | Air - | EUmmWV4 - SN9553_F1-55GHz, 2022-09-09 | DAE4 Sn1338, 2022-12-15 |

Scans Setup

| | |
|---------------------|---------------|
| Scan Type | 5G Scan |
| Grid Extents [mm] | 60.0 x 60.0 |
| Grid Steps [lambda] | 0.125 x 0.125 |
| Sensor Surface [mm] | 10.0 |
| MAIA | N/A |

Measurement Results

| | |
|------------------------------|------------|
| Scan Type | 5G Scan |
| Date | 2023-07-11 |
| Avg. Area [cm ²] | 4.00 |
| psPDn+ [W/m ²] | 56.9 |
| psPDtot+ [W/m ²] | 57.1 |
| psPDmod+ [W/m ²] | 58.8 |
| E _{max} [V/m] | 182 |
| Power Drift [dB] | -0.17 |

