

WIFI 5G U-NII-1 ANT1 Head&Extremity

Communication System: UID 0, Generic WIFI (0); Frequency: 5180 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5180$ MHz; $\sigma = 4.559$ S/m; $\epsilon_r = 35.421$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 23.6°C; Liquid Temperature: 22.6°C

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(5.5, 5.5, 5.5) @ 5180 MHz; Calibrated: 7/10/2025
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/21/2025
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Right 0mm/CH36/Area Scan (6x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.40 W/kg

Right 0mm/CH36/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.582 V/m; Power Drift = 0.07 dB

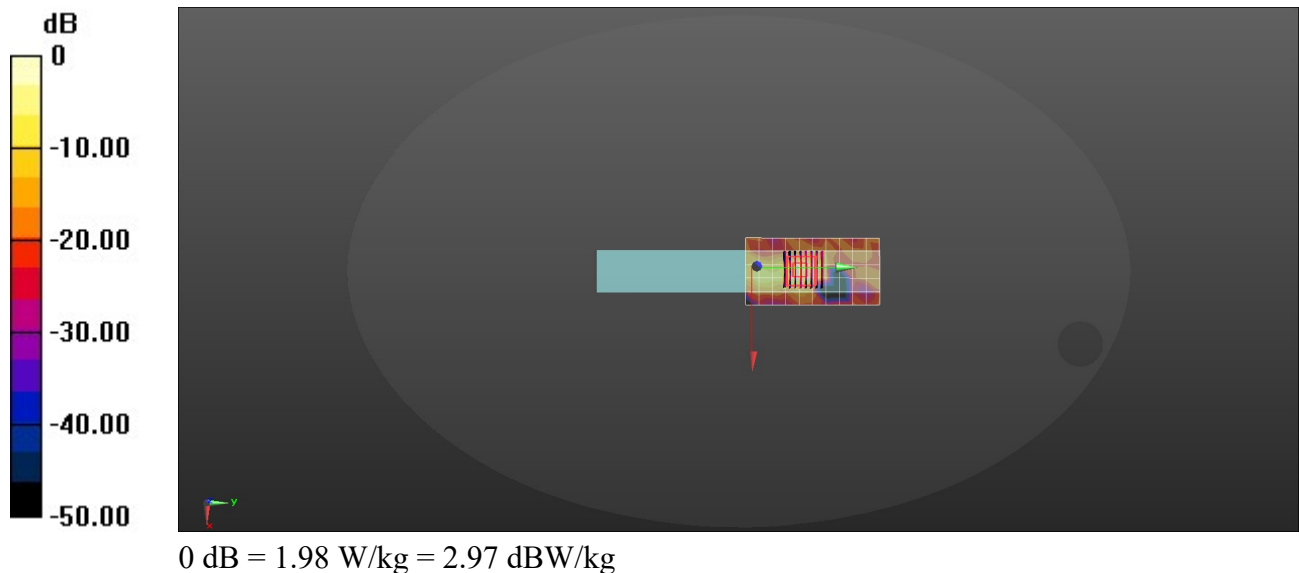
Peak SAR (extrapolated) = 4.01 W/kg

SAR(1 g) = 0.777 W/kg; SAR(10 g) = 0.189 W/kg

Smallest distance from peaks to all points 3 dB below = 4.7 mm

Ratio of SAR at M2 to SAR at M1 = 65.6%

Maximum value of SAR (measured) = 1.98 W/kg



Test Laboratory: Huatongwei International Inspection Co., Ltd., SAR Lab

Date: 7/22/2025

WIFI 5G U-NII-1 ANT1 Head&Extremity

Communication System: UID 0, Generic WIFI (0); Frequency: 5775 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5775$ MHz; $\sigma = 5.159$ S/m; $\epsilon_r = 34.752$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 23.4°C; Liquid Temperature: 22.3°C

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(5.02, 5.02, 5.02) @ 5775 MHz; Calibrated: 7/10/2025
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/21/2025
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Right 0mm/CH155/Area Scan (6x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.347 W/kg

Right 0mm/CH155/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0 V/m; Power Drift = -0.02 dB

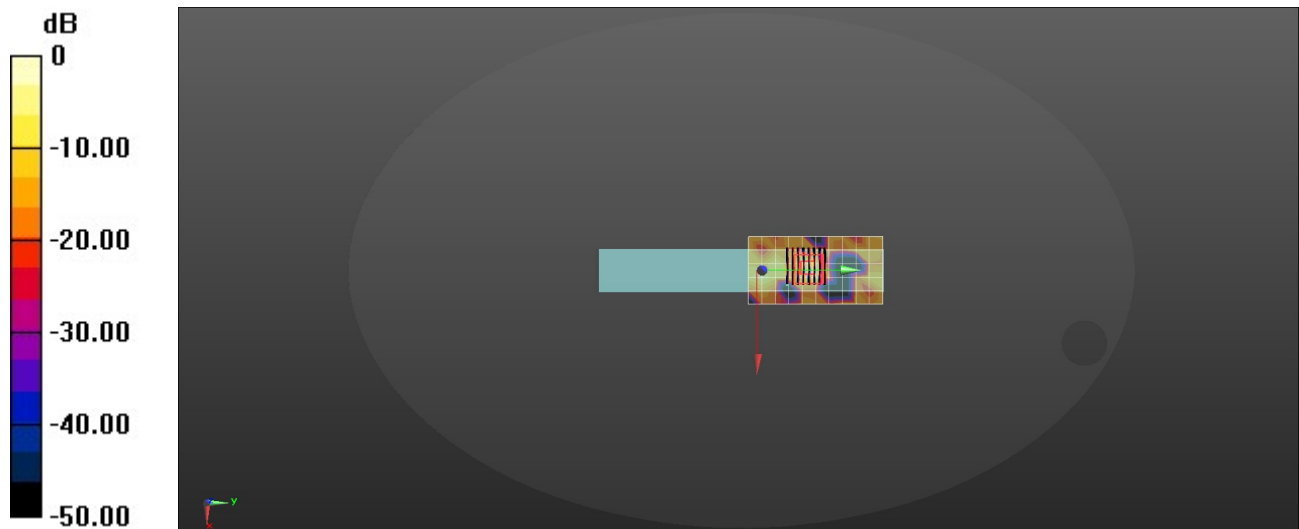
Peak SAR (extrapolated) = 0.827 W/kg

SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.031 W/kg

Smallest distance from peaks to all points 3 dB below = 4.9 mm

Ratio of SAR at M2 to SAR at M1 = 54.3%

Maximum value of SAR (measured) = 0.498 W/kg



0 dB = 0.498 W/kg = -3.03 dBW/kg