

Appendix B

Detailed Test Results

2.4G for Body



Test Laboratory: Test Laboratory: SGS-SAR Lab

PWTX 2.4G FHSS 37CH Back side 0mm

DUT: PWTX; Serial: 0324200079

Communication System: UID 0, 2.4GHz (0); Frequency: 2478 MHz; Duty Cycle: 1:1

Medium: HSL2450; Medium parameters used: $f = 2478$ MHz; $\sigma = 1.876$ S/m; $\epsilon_r = 38.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7515; ConvF(7.45, 7.45, 7.45); Calibrated: 2023-12-14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2024-03-18
- Phantom: SAM 3; Type: SAM Twin; Serial: 2031
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (7x7x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.792 W/kg

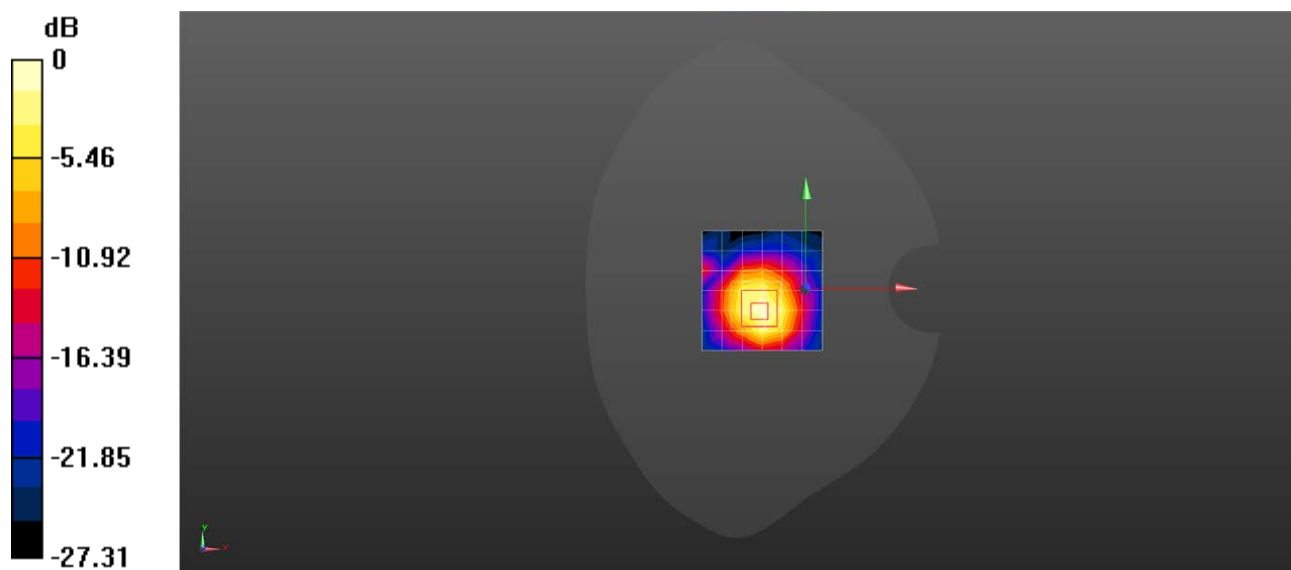
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.09 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.507 W/kg; SAR(10 g) = 0.240 W/kg

Maximum value of SAR (measured) = 0.814 W/kg



0 dB = 0.814 W/kg = -0.89 dBW/kg

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

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