



Appendix B

Detailed Test Results

1. Zigbee
Zigbee

Test Laboratory: SGS-SAR Lab

Zigbee 1CH Bottom Side 0mm

Communication System: UID 0, Zigbee (0); Frequency: 2405 MHz; Duty Cycle: 1:1

Medium: HSL2450; Medium parameters used: $f = 2405$ MHz; $\sigma = 1.768$ S/m; $\epsilon_r = 38.547$; $\rho = 1000$ kg/m³

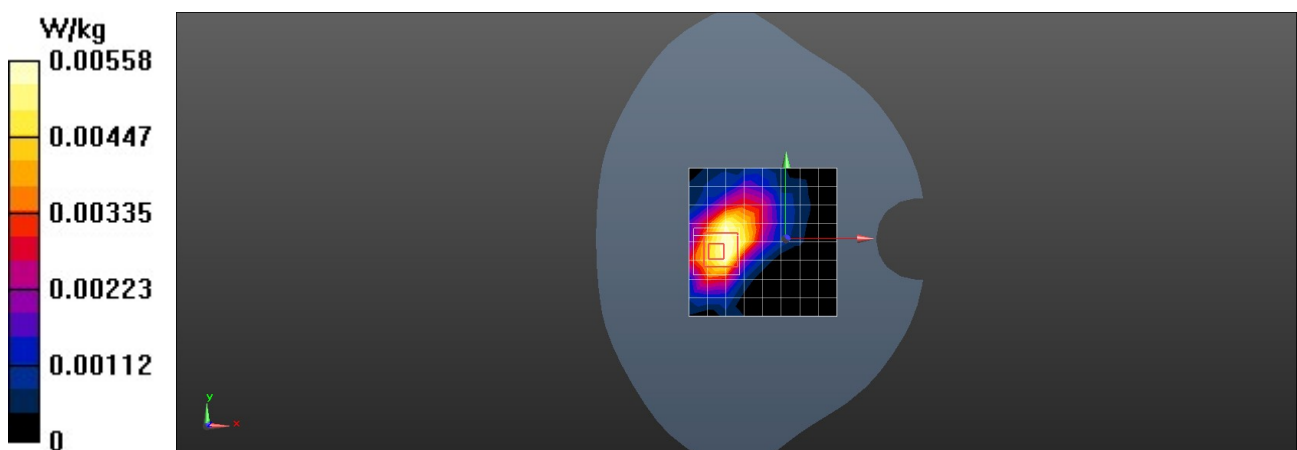
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(7.18, 7.67, 7.44); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2026/2/2
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (9x9x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.00566 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 0.4520 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.0100 W/kg
SAR(1 g) = 0.00161 W/kg; SAR(10 g) = 0.00056 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 65.2%
Maximum value of SAR (measured) = 0.00558 W/kg





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