

Appendix B

Detailed Test Results

1. WIFI
WIFI 2.4G
2. BT
BT

Test Laboratory: SGS-SAR Lab

POATScan WIFI 2.4G 802.11b 6CH Top side 0mm

DUT: POATScan;

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz;Duty Cycle: 1:1.001

Medium: HSL;Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.827 \text{ S/m}$; $\epsilon_r = 38.82$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.24, 7.24, 7.24); Calibrated: 2025/12/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2025/8/29
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (11x12x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 0.155 W/kg

Configuration/Scan/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.885 V/m ; Power Drift = 0.01 dB

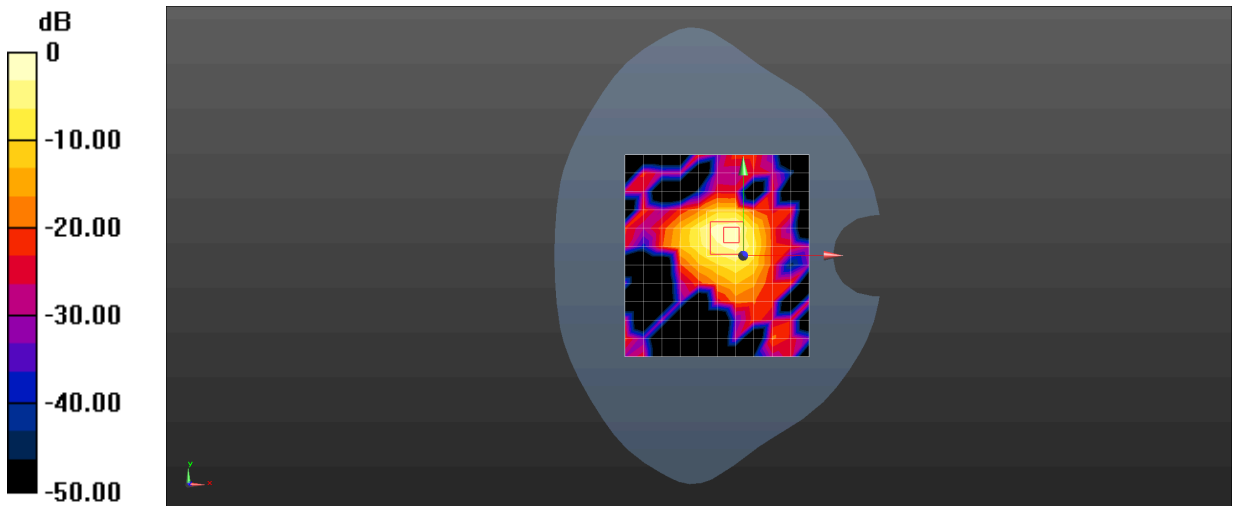
Peak SAR (extrapolated) = 0.230 W/kg

SAR(1 g) = 0.106 W/kg ; SAR(10 g) = 0.048 W/kg

Smallest distance from peaks to all points 3 dB below = 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 43.5%

Maximum value of SAR (measured) = 0.152 W/kg



0 dB = 0.155 W/kg = -8.09 dBW/kg

Test Laboratory: SGS-SAR Lab

POATScan BLE 1M 39CH Top side 0mm

DUT: POATScan;

Communication System: UID 0, BLE (0); Frequency: 2480 MHz;Duty Cycle: 1:1

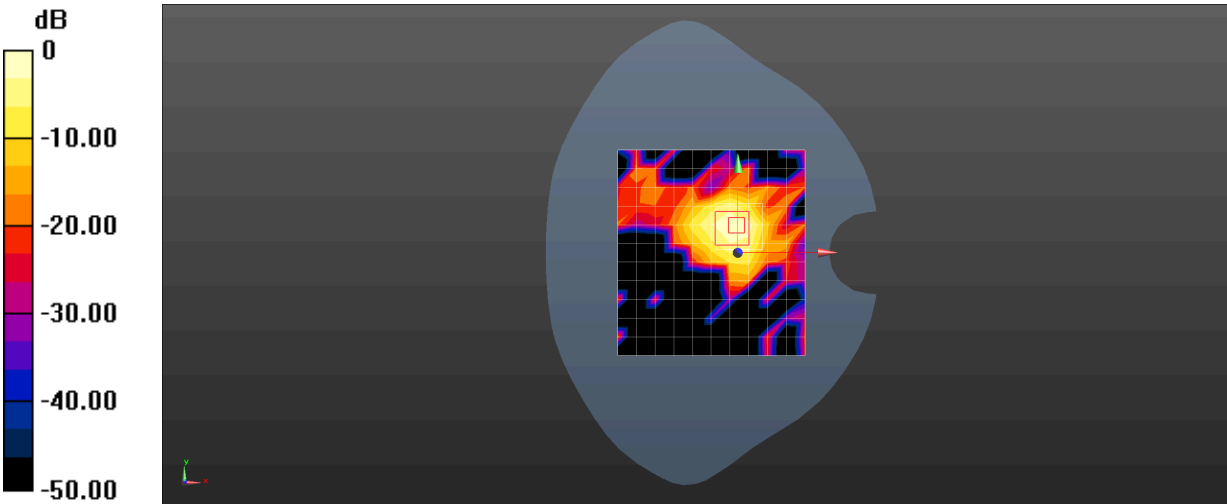
Medium: HSL;Medium parameters used: $f = 2480 \text{ MHz}$; $\sigma = 1.856 \text{ S/m}$; $\epsilon_r = 38.726$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.24, 7.24, 7.24); Calibrated: 2025/12/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2025/8/29
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (11x12x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
Maximum value of SAR (measured) = 0.0746 W/kg

Configuration/Scan/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 1.907 V/m ; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.137 W/kg
SAR(1 g) = 0.049 W/kg ; SAR(10 g) = 0.020 W/kg
Smallest distance from peaks to all points 3 dB below = 6.2 mm
Ratio of SAR at M2 to SAR at M1 = 44.5%
Maximum value of SAR (measured) = 0.0887 W/kg



0 dB = 0.0746 W/kg = -11.27 dBW/kg