

Appendix B

Detailed Test Results

1. WIFI
WIFI 2.4G
WIFI 5G
2. BT
BT



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Test Laboratory: SGS-SAR Lab

WIFI 2.4G 802.11n HT20 6CH Right side 5mm

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz; Duty Cycle: 1:1.075

Medium: HSL; Medium parameters used: $f = 2437$ MHz; $\sigma = 1.782$ S/m; $\epsilon_r = 40.436$; $\rho = 1000$ kg/m³

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 Sn867; Calibrated: 2026/2/2
- Phantom: SAM 5; Type: SAM; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (7x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.675 W/kg

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

Reference Value = 16.64 V/m; Power Drift = 0.06 dB

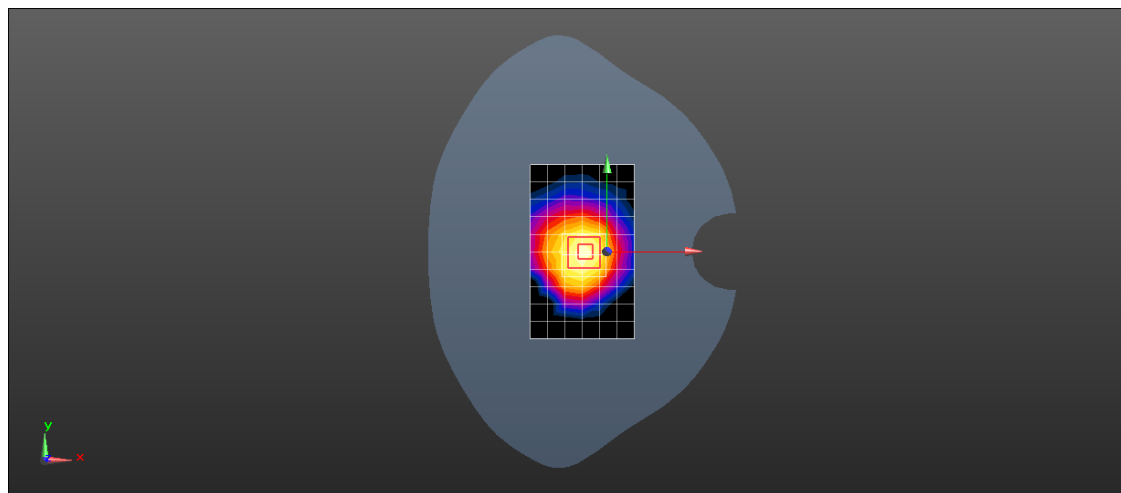
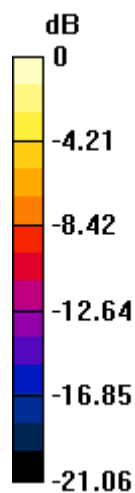
Peak SAR (extrapolated) = 0.930 W/kg

SAR(1 g) = 0.468 W/kg; SAR(10 g) = 0.236 W/kg

Smallest distance from peaks to all points 3 dB below = 11 mm

Ratio of SAR at M2 to SAR at M1 = 51.9%

Maximum value of SAR (measured) = 0.722 W/kg



0 dB = 0.722 W/kg = -1.41 dBW/kg

Test Laboratory: SGS-SAR Lab

WIFI 5G 802.11ac VHT40 54CH Top side 5mm

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5270 MHz;Duty Cycle: 1:1.153

Medium: HSL;Medium parameters used: $f = 5270$ MHz; $\sigma = 4.865$ S/m; $\epsilon_r = 36.593$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(5.22, 5.22, 5.22); Calibrated: 2025/12/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn867; Calibrated: 2026/2/2
- Phantom: SAM 5; Type: SAM; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (8x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.50 W/kg

Configuration/Scan/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 7.659 V/m; Power Drift = 0.04 dB

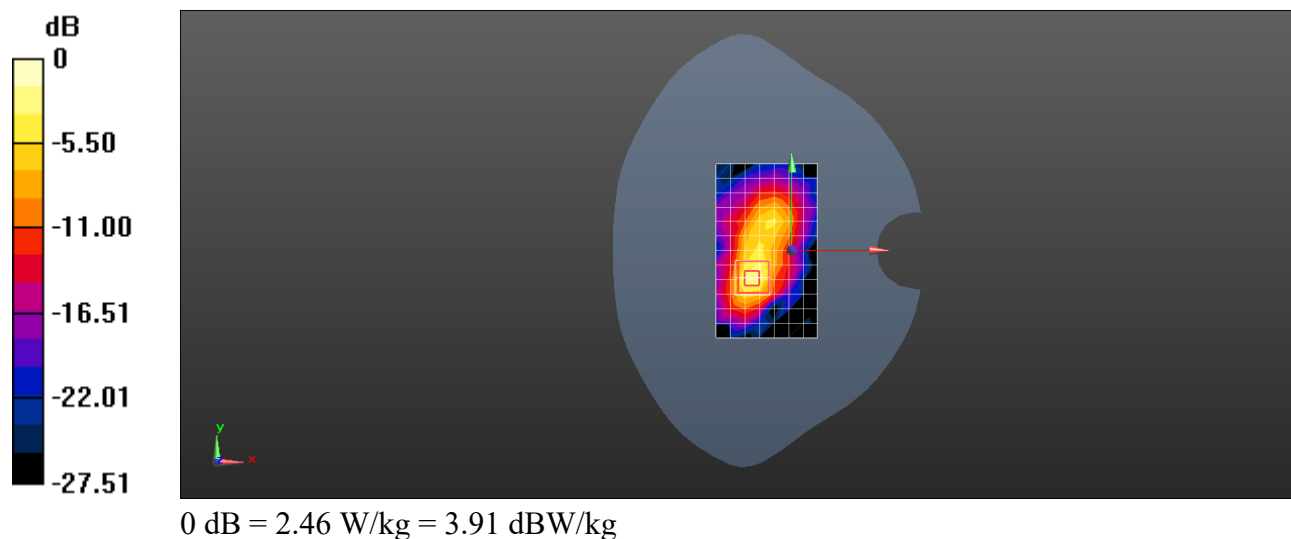
Peak SAR (extrapolated) = 4.20 W/kg

SAR(1 g) = 0.862 W/kg; SAR(10 g) = 0.231 W/kg

Smallest distance from peaks to all points 3 dB below = 5.7 mm

Ratio of SAR at M2 to SAR at M1 = 53.5%

Maximum value of SAR (measured) = 2.46 W/kg



Test Laboratory: SGS-SAR Lab

Bluetooth DH5 78CH Top side 5mm

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1.297

Medium: HSL; Medium parameters used: $f = 2480$ MHz; $\sigma = 1.825$ S/m; $\epsilon_r = 40.309$; $\rho = 1000$ kg/m³

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 Sn867; Calibrated: 2026/2/2
- Phantom: SAM 5; Type: SAM; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (7x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.394 W/kg

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

Reference Value = 9.159 V/m; Power Drift = 0.02 dB

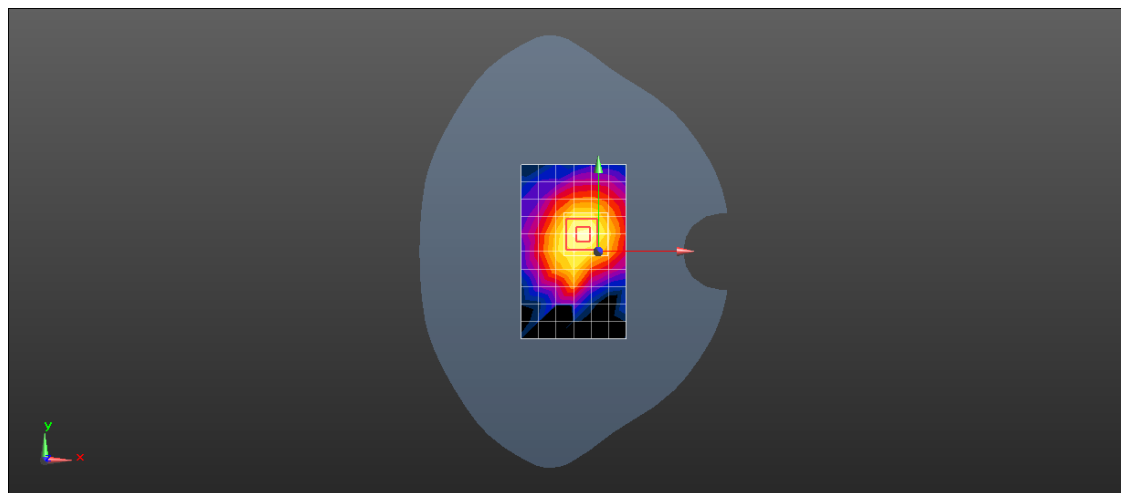
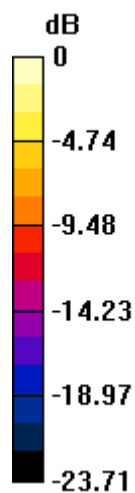
Peak SAR (extrapolated) = 0.544 W/kg

SAR(1 g) = 0.259 W/kg; SAR(10 g) = 0.121 W/kg

Smallest distance from peaks to all points 3 dB below = 10.8 mm

Ratio of SAR at M2 to SAR at M1 = 52.2%

Maximum value of SAR (measured) = 0.444 W/kg



0 dB = 0.444 W/kg = -3.53 dBW/kg