

Appendix B

Detailed Test Results

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



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Test Laboratory: SGS-SAR Lab

737-9052-810 WIFI 2.4G 802.11n HT20 6CH Top side Ant1**DUT: 737-9052-810**

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz;Duty Cycle: 1:1.157

Medium: HSL;Medium parameters used: $f = 2437$ MHz; $\sigma = 1.813$ S/m; $\epsilon_r = 39.144$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3826; ConvF(6.85, 6.73, 6.96); Calibrated: 2025/7/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2026/3/2
- Phantom: SAM 6; Type: SAM Twin; Serial: 1438
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (6x21x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.35 W/kg

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

Reference Value = 3.579 V/m; Power Drift = 0.09 dB

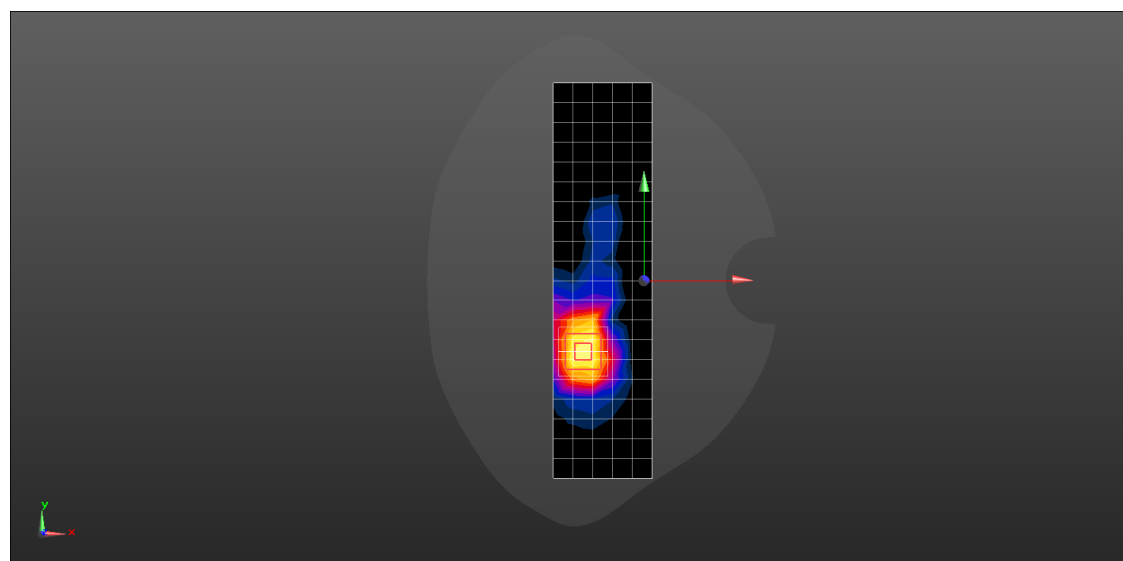
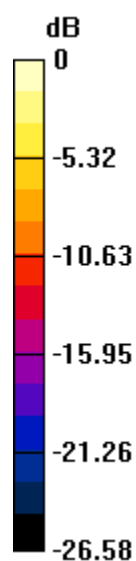
Peak SAR (extrapolated) = 3.34 W/kg

SAR(1 g) = 1.31 W/kg; SAR(10 g) = 0.506 W/kg

Smallest distance from peaks to all points 3 dB below = 6.3 mm

Ratio of SAR at M2 to SAR at M1 = 40.6%

Maximum value of SAR (measured) = 2.59 W/kg



0 dB = 2.59 W/kg = 4.13 dBW/kg

Test Laboratory: SGS-SAR Lab

737-9052-810 WIFI 5G 802.11n HT20 60CH Top side 0mm Ant1

DUT: 737-9052-810

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5300 MHz;Duty Cycle: 1:1.051

Medium: HSL;Medium parameters used: $f = 5300$ MHz; $\sigma = 4.822$ S/m; $\epsilon_r = 35.399$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(5.27, 5.27, 5.27); Calibrated: 2025/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2026/3/23
- Phantom: SAM 3; Type: SAM Twin; Serial: 2031
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (7x25x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.61 W/kg

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

Reference Value = 0.4020 V/m; Power Drift = 0.06 dB

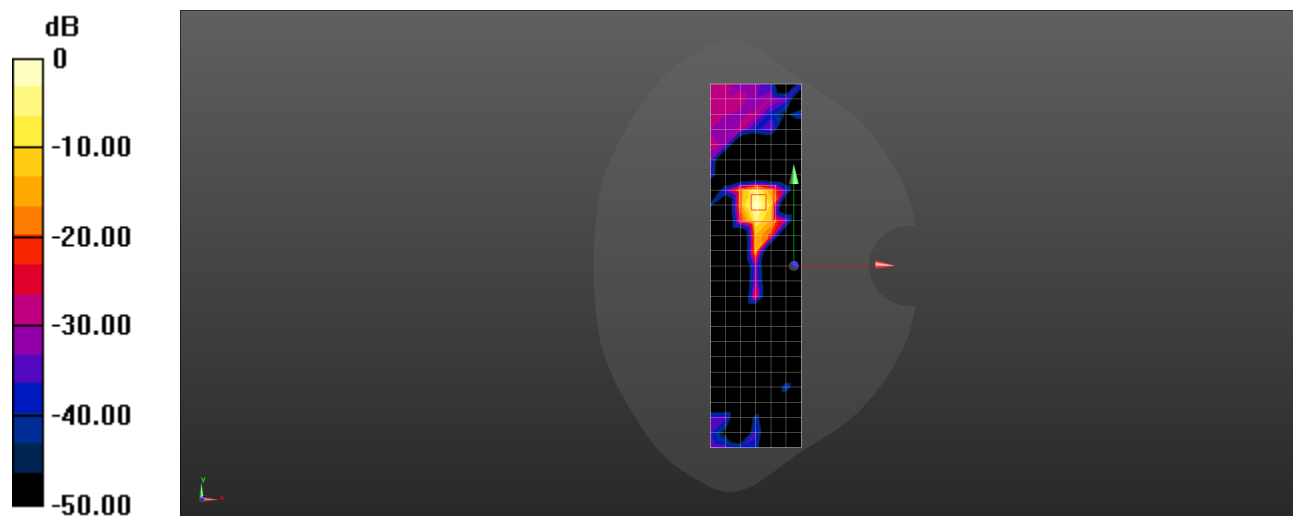
Peak SAR (extrapolated) = 5.83 W/kg

SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.220 W/kg

Smallest distance from peaks to all points 3 dB below = 4.2 mm

Ratio of SAR at M2 to SAR at M1 = 55.1%

Maximum value of SAR (measured) = 3.24 W/kg



0 dB = 3.24 W/kg = 5.11 dBW/kg

Test Laboratory: SGS-SAR Lab

737-9052-810 Bluetooth BLE 1M 19CH Top side Ant1

DUT: 737-9052-810

Communication System: UID 0, BLE (0); Frequency: 2440 MHz; Duty Cycle: 1:1.543

Medium: HSL; Medium parameters used: $f = 2440$ MHz; $\sigma = 1.815$ S/m; $\epsilon_r = 39.138$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3826; ConvF(6.85, 6.73, 6.96); Calibrated: 2025/7/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2026/3/2
- Phantom: SAM 6; Type: SAM Twin; Serial: 1438
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (6x21x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.133 W/kg

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

Reference Value = 1.160 V/m; Power Drift = 0.06 dB

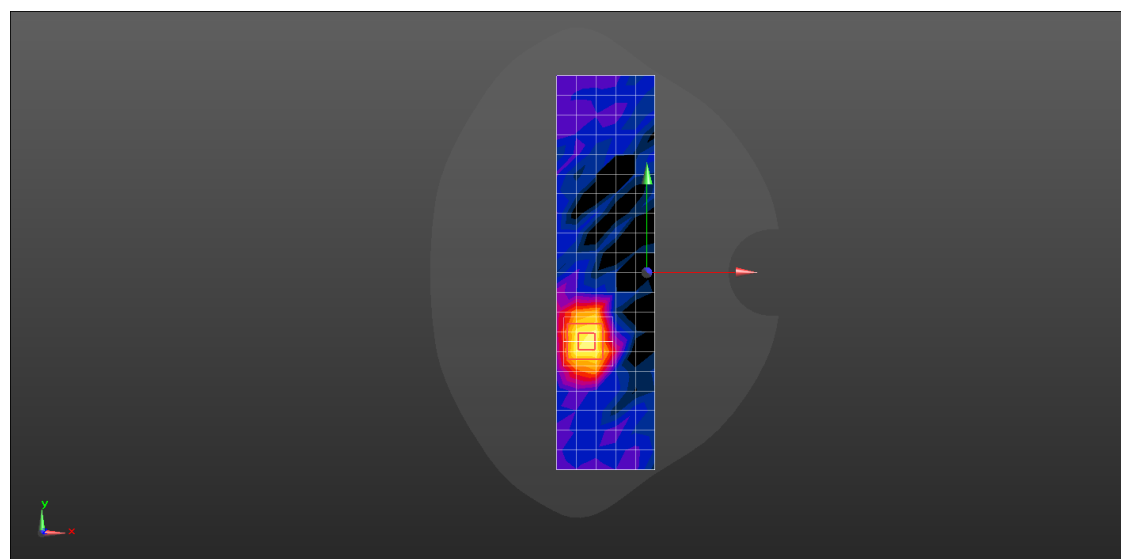
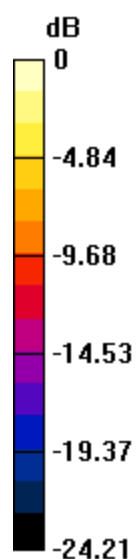
Peak SAR (extrapolated) = 0.334 W/kg

SAR(1 g) = 0.130 W/kg; SAR(10 g) = 0.051 W/kg

Smallest distance from peaks to all points 3 dB below = 6.1 mm

Ratio of SAR at M2 to SAR at M1 = 40.2%

Maximum value of SAR (measured) = 0.254 W/kg



0 dB = 0.254 W/kg = -5.96 dBW/kg