

Appendix B

Detailed Test Results

BT for Head



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Test Laboratory: SGS-SAR Lab

S5IEW Bluetooth DH5 2402CH Rear cheek 0mm

DUT: S5IEW; Type: ICON 180

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz;Duty Cycle: 1:1.731

Medium: HSL2450;Medium parameters used: $f = 2402 \text{ MHz}$; $\sigma = 1.774 \text{ S/m}$; $\epsilon_r = 38.624$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(7.32, 7.85, 7.73); Calibrated: 2024/7/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2025/1/20
- Phantom: SAM 1; Type: SAM; Serial: 1912
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (9x9x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 0.421 W/kg

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

Reference Value = 12.60 V/m; Power Drift = 0.08 dB

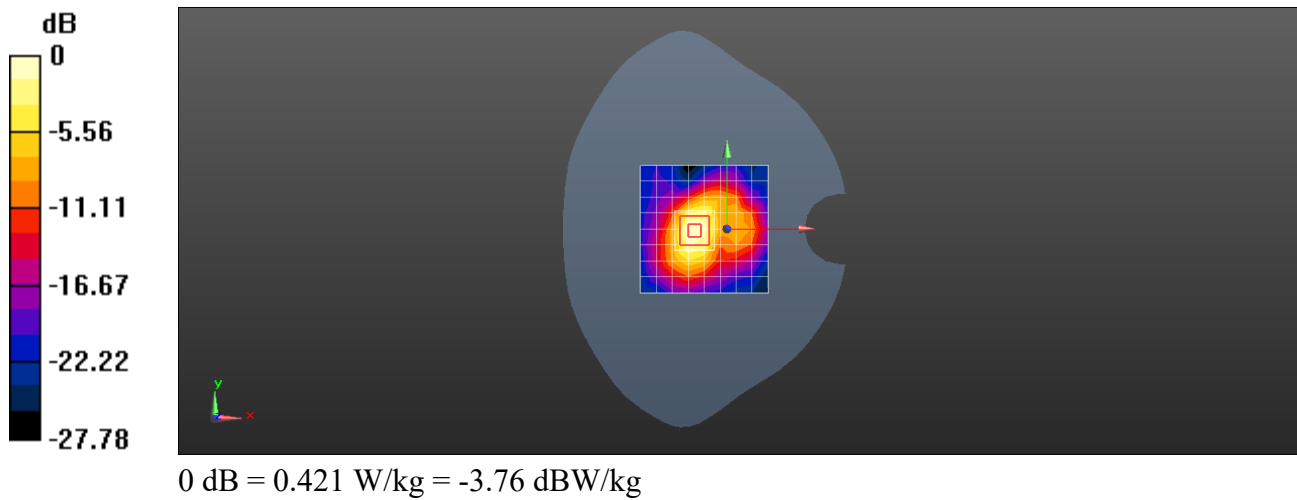
Peak SAR (extrapolated) = 0.674 W/kg

SAR(1 g) = 0.365 W/kg; SAR(10 g) = 0.170 W/kg

Smallest distance from peaks to all points 3 dB below = 8.5 mm

Ratio of SAR at M2 to SAR at M1 = 57.2%

Maximum value of SAR (measured) = 0.576 W/kg



Test Laboratory: SGS-SAR Lab

S5IEW Bluetooth DH5 2402CH Touch cheek 0mm

DUT: S5IEW; Type: ICON 180

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.731

Medium: HSL2450; Medium parameters used: $f = 2402$ MHz; $\sigma = 1.774$ S/m; $\epsilon_r = 38.624$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(7.32, 7.85, 7.73); Calibrated: 2024/7/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2025/1/20
- Phantom: SAM 1; Type: SAM; Serial: 1912
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (9x9x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.149 W/kg

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

Reference Value = 7.602 V/m; Power Drift = 0.09 dB

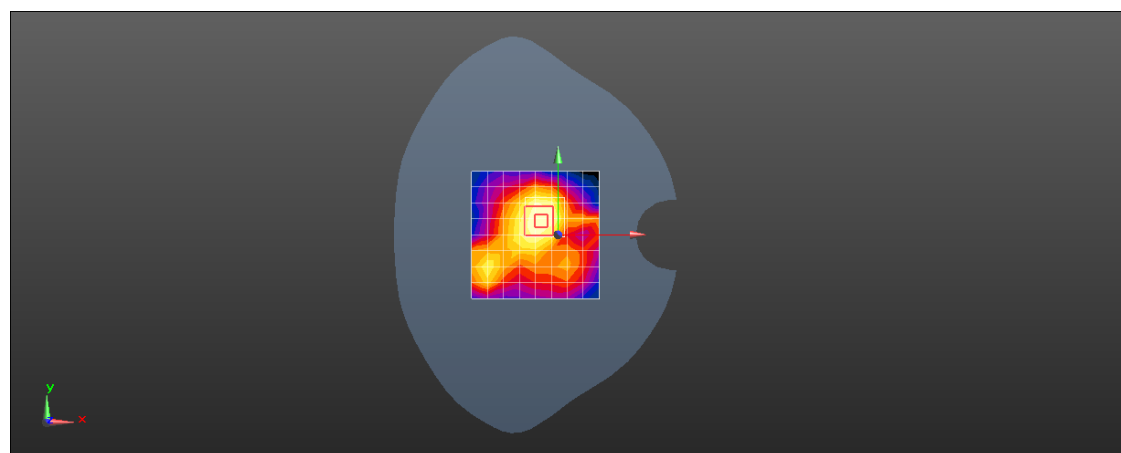
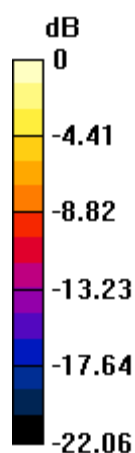
Peak SAR (extrapolated) = 0.224 W/kg

SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.063 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 52.7%

Maximum value of SAR (measured) = 0.185 W/kg



0 dB = 0.149 W/kg = -8.26 dBW/kg