

Appendix B

Detailed Test Results

1. 2.4G
Proprietary 2.4G
2. BT
BT



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Test Laboratory: SGS-SAR Lab

2.4G Proprietary 0CH Touch cheek 0mm

DUT: MMX150WIRELESS; Type: Over-Ear Gaming;

Communication System: UID 0, 2.4G Proprietary(2.4GHz) (0); Frequency: 2402 MHz;Duty Cycle: 1:1.285

Medium: HSL2450;Medium parameters used: $f = 2402\text{ MHz}$; $\sigma = 1.742\text{ S/m}$; $\epsilon_r = 40.498$; $\rho = 1000\text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.35, 7.35, 7.35); Calibrated:2024/9/19
- 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 (10x11x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 0.0735 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 = 2.233 V/m ; Power Drift = -0.04 dB

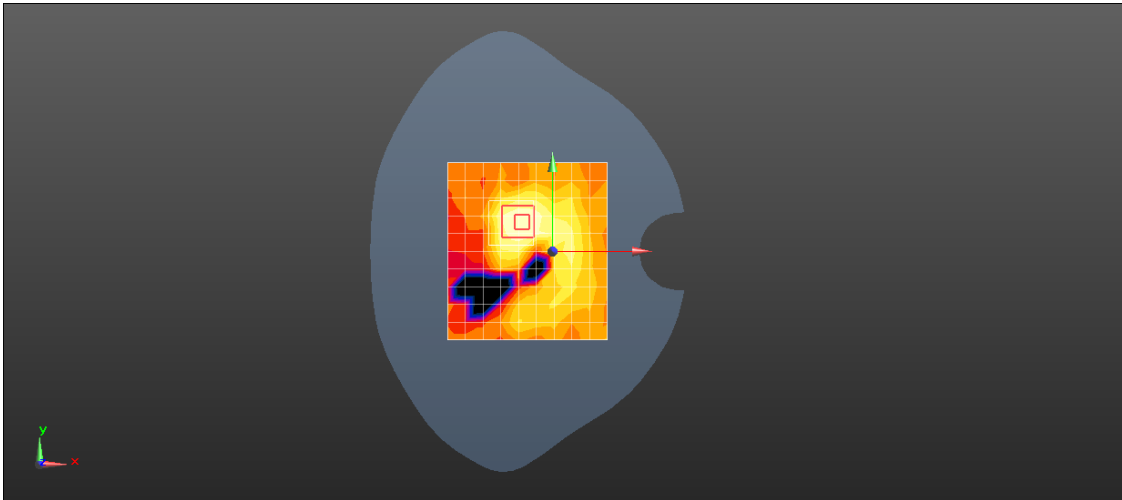
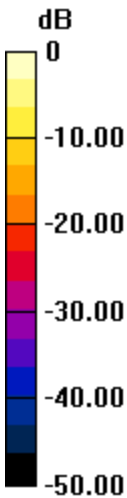
Peak SAR (extrapolated) = 0.0910 W/kg

SAR(1 g) = 0.064 W/kg ; SAR(10 g) = 0.033 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 77.4%

Maximum value of SAR (measured) = 0.0832 W/kg



0 dB = 0.0735 W/kg = -11.34 dBW/kg

Test Laboratory: SGS-SAR Lab

2.4G Proprietary 0CH Rear cheek 0mm

DUT: MMX150WIRELESS; Type: Over-Ear Gaming;

Communication System: UID 0, 2.4G Proprietary(2.4GHz) (0); Frequency: 2402 MHz;Duty Cycle: 1:1.3

Medium: HSL2450;Medium parameters used: $f = 2402$ MHz; $\sigma = 1.742$ S/m; $\epsilon_r = 40.498$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.35, 7.35, 7.35); Calibrated:2024/9/19
- 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 (10x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0565 W/kg

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

Reference Value = 1.487 V/m; Power Drift = 0.04dB

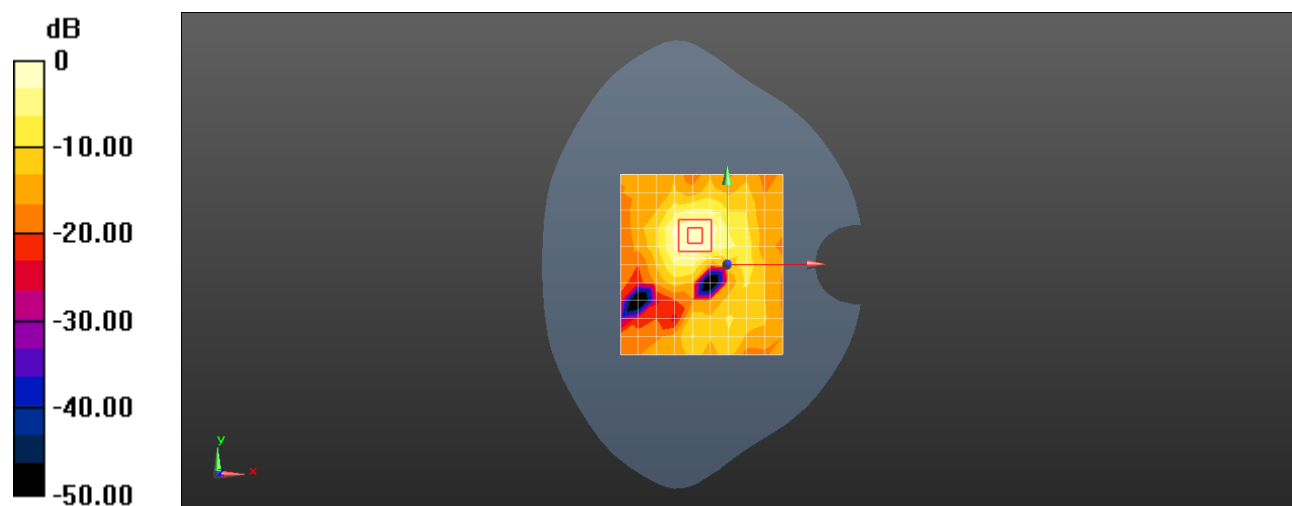
Peak SAR (extrapolated) = 0.0700 W/kg

SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.028 W/kg

Smallest distance from peaks to all points 3 dB below=5.6mm

Ratio of SAR at M2 to SAR at M1 = 77.5%

Maximum value of SAR (measured) = 0.0631 W/kg



0 dB = 0.0565 W/kg = -12.48 dBW/kg

Test Laboratory: SGS-SAR Lab

BT DH5 0CH Touch cheek 0mm

DUT: MMX150WIRELESS; Type: Over-Ear Gaming;

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz;Duty Cycle: 1:1.284

Medium: HSL2450;Medium parameters used: $f = 2402 \text{ MHz}$; $\sigma = 1.742 \text{ S/m}$; $\epsilon_r = 40.498$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.35, 7.35, 7.35); Calibrated:2024/9/19
- 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 (10x11x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 0.0780 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 = 1.584 V/m; Power Drift = -0.05dB

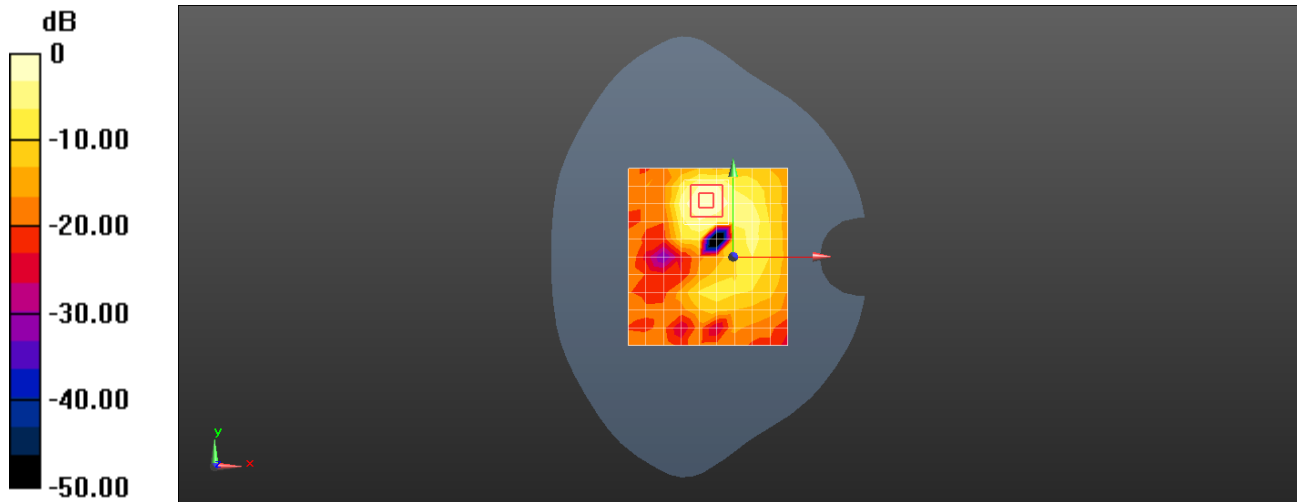
Peak SAR (extrapolated) = 0.0920 W/kg

SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.036 W/kg

Smallest distance from peaks to all points 3 dB below=6.8mm

Ratio of SAR at M2 to SAR at M1 = 82%

Maximum value of SAR (measured) = 0.0856 W/kg



0 dB = 0.0780 W/kg = -11.08 dBW/kg

Test Laboratory: SGS-SAR Lab

BT DH5 0CH Rear cheek 0mm

DUT: MMX150WIRELESS; Type: Over-Ear Gaming;

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz;Duty Cycle: 1:1.284

Medium: HSL2450;Medium parameters used: $f = 2402 \text{ MHz}$; $\sigma = 1.742 \text{ S/m}$; $\epsilon_r = 40.498$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.35, 7.35, 7.35); Calibrated:2024/9/19
- 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 (10x11x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 0.0503 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 = 1.521 V/m; Power Drift = 0.07 dB

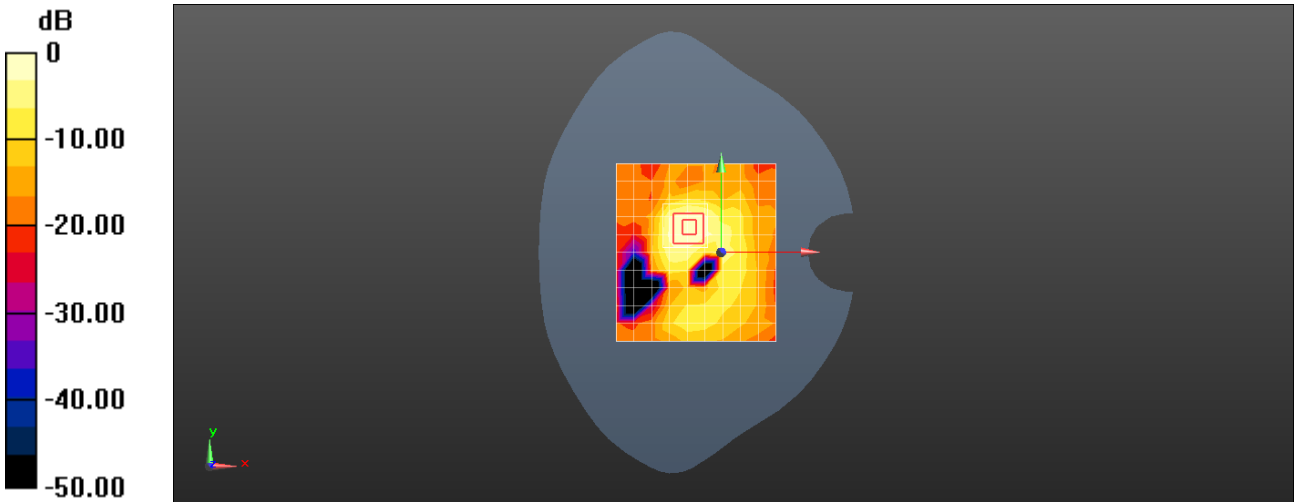
Peak SAR (extrapolated) = 0.0640 W/kg

SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.026 W/kg

Smallest distance from peaks to all points 3 dB below=6.8mm

Ratio of SAR at M2 to SAR at M1 = 77.8%

Maximum value of SAR (measured) = 0.0564 W/kg



0 dB = 0.0503 W/kg = -12.98 dBW/kg