

# Appendix B

## Detailed Test Results

BT for Head, Body
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Test Laboratory: SGS-SAR Lab

**Bluetooth 3DH5 0CH Front side 0mm****DUT: S805; Type: OpenRun**

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

Medium: HSL2450; Medium parameters used:  $f = 2402$  MHz;  $\sigma = 1.788$  S/m;  $\epsilon_r = 39.353$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 6 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.95, 6.95, 6.95); Calibrated: 2023-11-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2024-03-18
- Phantom: SAM 3; Type: SAM Twin; Serial: 2031
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

**Configuration/Body/Area Scan (6x7x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.236 W/kg

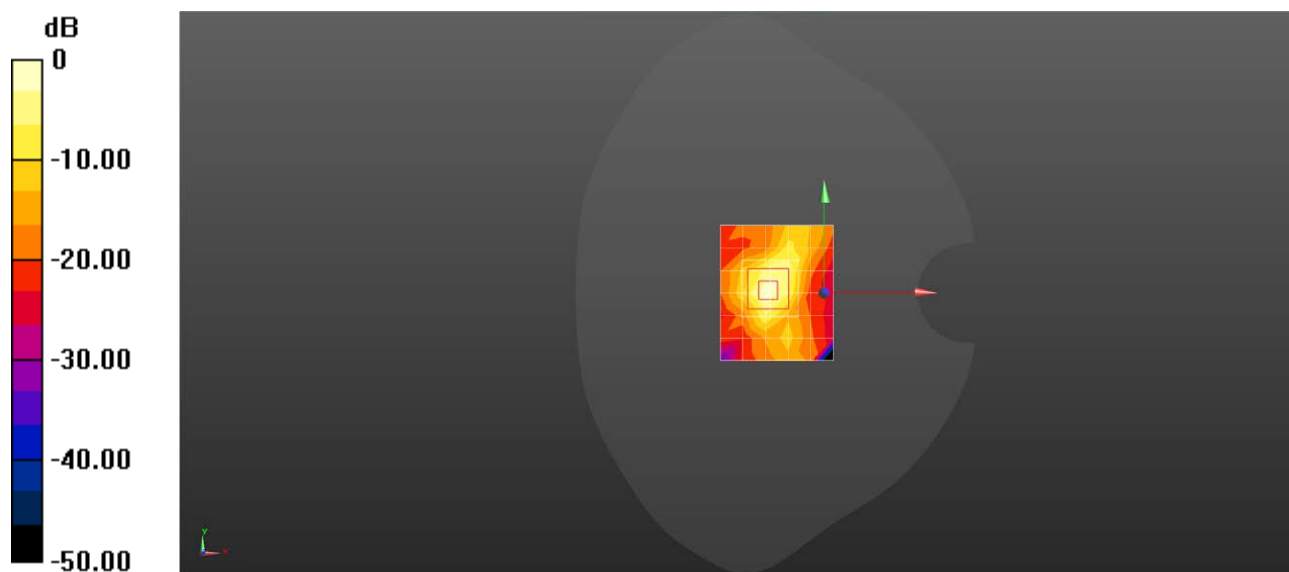
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.713 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.341 W/kg

**SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.045 W/kg**

Maximum value of SAR (measured) = 0.244 W/kg



0 dB = 0.244 W/kg = -6.13 dBW/kg