Appendix B
Detailed Test Results

BT for Body

BB23 Bluetooth BLE 1M 39CH Front side 0mm

DUT: BB23; Type: Baby Bottle; Serial: BB23PGYM31000014

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz;Duty Cycle: 1:1.57

Medium: HSL2450;Medium parameters used: f = 2480 MHz; σ = 1.83 S/m; ε_r = 40.069; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(8.2, 8.2, 8.2); Calibrated: 2022/11/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2022/12/10
- Phantom: SAM 2; Type: SAM Twin; Serial: 1640
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (10x10x1): Measurement grid: dx=12mm, dy=12mm
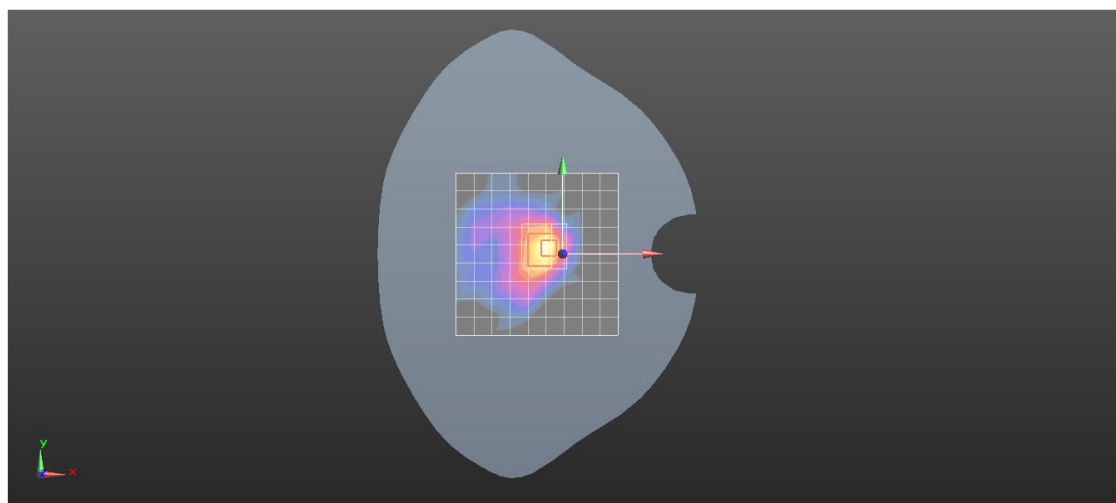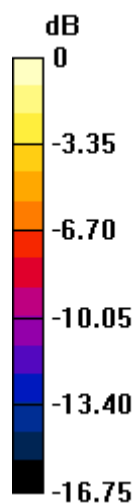Maximum value of SAR (measured) = 0.244 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.092 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.377 W/kg
SAR(1 g) = 0.127 W/kg; SAR(10 g) = 0.052 W/kg
Maximum value of SAR (measured) = 0.244 W/kg

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