

Appendix B

Detailed Test Results

BT for Head

Test Laboratory: SGS-SAR Lab

S820 Bluetooth DH5 78CH Back side 0mm

DUT: S820; Type: Headset;

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

Medium: HSL2450; Medium parameters used: $f = 2480 \text{ MHz}$; $\sigma = 1.831 \text{ S/m}$; $\epsilon_r = 40.346$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.3, 7.3, 7.3) @ 2480 MHz; Calibrated: 2023/8/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2024/1/3
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (6x7x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 0.365 W/kg

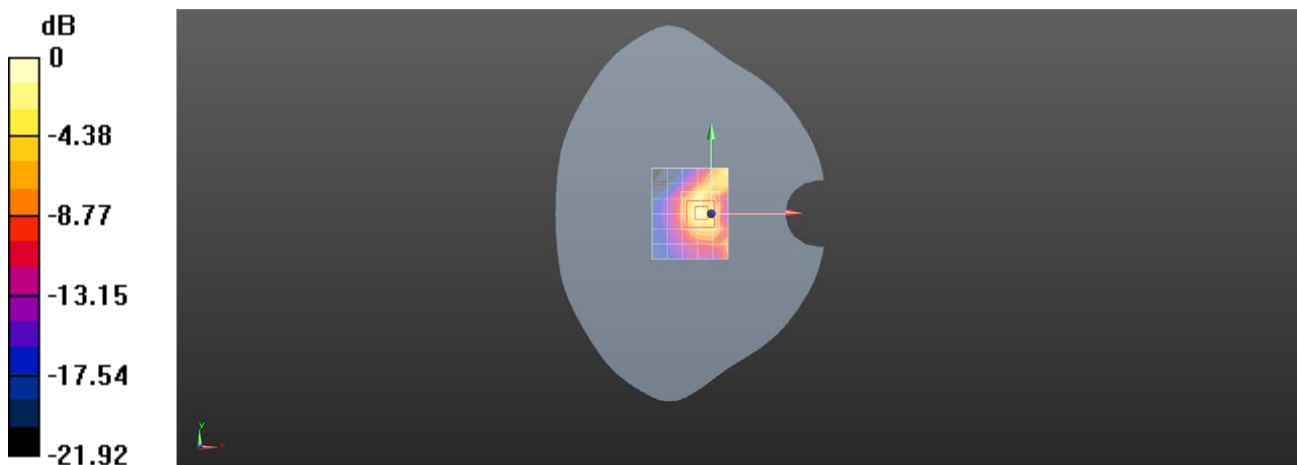
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.686 V/m ; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.603 W/kg

SAR(1 g) = 0.238 W/kg ; SAR(10 g) = 0.098 W/kg

Maximum value of SAR (measured) = 0.445 W/kg



0 dB = 0.445 W/kg = -3.51 dBW/kg