

APPENDIX A: SAR TEST DATA

ELEMENT

DUT: BCGA3354; Type: Portable Tablet; Serial: G3GV1

Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2462.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2462.0$ MHz; $\text{cond} = 1.84$ S/m; $\text{perm} = 38.3$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 11/21/2024; Ambient Temp: 20.6°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7639; ConvF:(7.43,7.55,8.26); Calibrated: 2024-09-09

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1403; Calibrated: 2024-09-04

Phantom: Twin-SAM V8.0; Serial: 1357

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: 2.4 GHz WIFI/ IEEE 802.11b, Antenna WF8, 22 MHz Bandwidth,
Exp: Body| Top Edge, Ch. 11, 1Mbps**

Area Scan (40.0 x 224.0): Measurement grid: $dx=5.0$ mm, $dy=8.0$ mm

Zoom Scan (34.3 x 34.3 x 31.2): Measurement grid: $dx=4.9$ mm, $dy=4.9$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

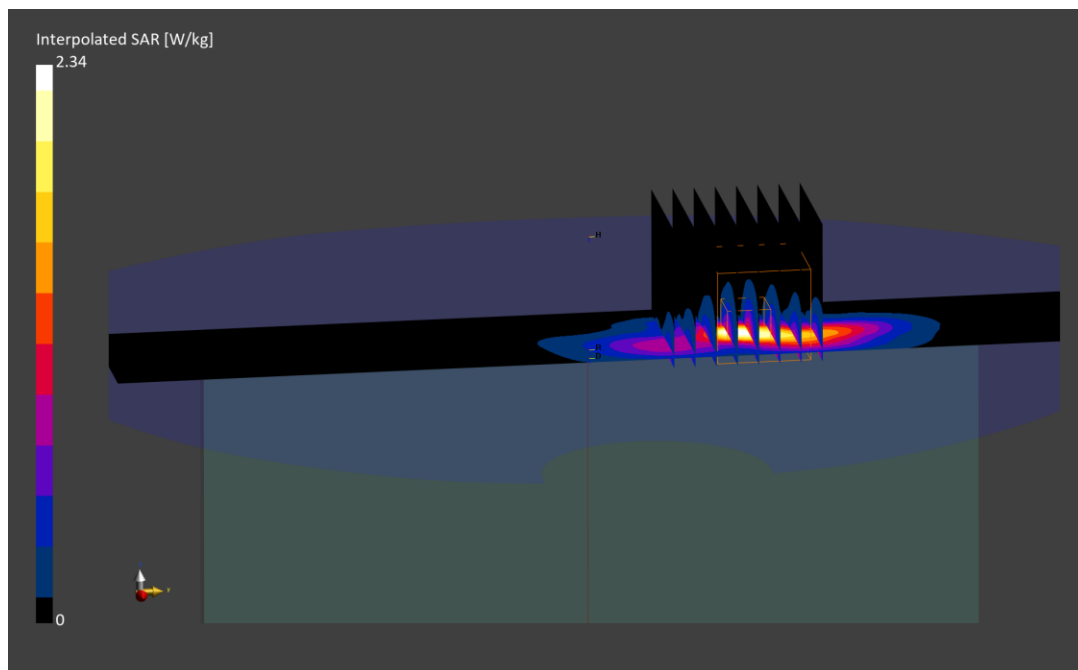
Reference Value = 1.76 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.34 W/kg

SAR(1 g) = 0.947 W/kg

Smallest distance from peaks to all points 3 dB below is 5.8 mm

Ratio of SAR at M2 to SAR at M1 = 81.1 %



ELEMENT

DUT: BCGA3354; Type: Portable Tablet; Serial: XMW1Q

Communication System: UID:10544 - AAD, WLAN; MAIA: Y; Frequency: 5610.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5610.0 MHz; cond = 5.12 S/m; perm = 34.1; density = 1000 kg/m³
Phantom Section: Flat; Space: 0.00 mm

Test Date: 11/14/2024; Ambient Temp: 21.1°C; Tissue Temp: 19.1°C

Probe: EX3DV4 - SN7427; ConvF:(4.18,4.62,4.72); Calibrated: 2024-02-09
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn467; Calibrated: 2024-02-09
Phantom: Twin-SAM V8.0; Serial: 2070
Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: 5 GHz WIFI/ IEEE 802.11ac, Antenna WF7a, 80 MHz Bandwidth, U-NII-2C,
Exp: Body| Top Edge, Ch. 122, 29.3 Mbps**

Area Scan (40.0 x 220.0): Measurement grid: dx=5.0 mm, dy=10.0 mm

Zoom Scan (28.0 x 28.0 x 22.9): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4

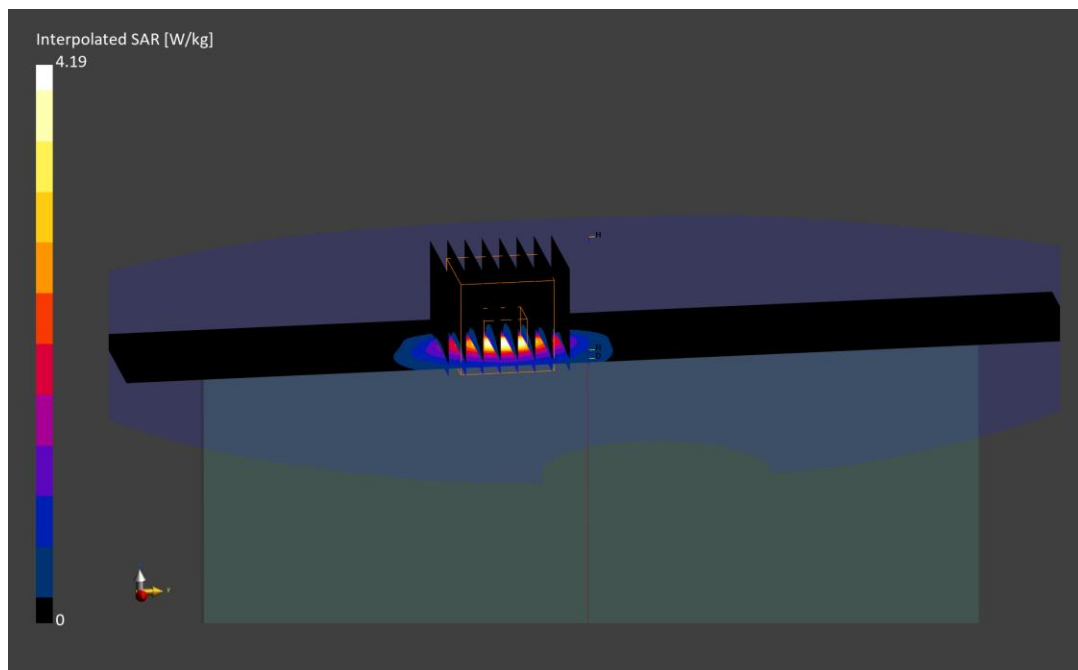
Reference Value = 0.58 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 4.19 W/kg

SAR(1 g) = 0.993 W/kg

Smallest distance from peaks to all points 3 dB below is 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 59.1 %



ELEMENT

DUT: BCGA3354; Type: Portable Tablet; Serial: G3GV1

Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2480.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2480.0$ MHz; $\text{cond} = 1.81$ S/m; $\text{perm} = 37.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 12/08/2024; Ambient Temp: 21.6°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7416; ConvF:(6.68,7.12,6.95); Calibrated: 2024-05-13

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn701; Calibrated: 2024-05-08

Phantom: Twin-SAM V8.0; Serial: 1736

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: 2.4 GHz Bluetooth, Antenna WF7b, Exp: Body| Top Edge, Ch. 78, 1 Mbps

Area Scan (50.0 x 220.0): Measurement grid: $dx=5.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Reference Value = 0.12 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.311 W/kg

SAR(1 g) = 0.137 W/kg

Smallest distance from peaks to all points 3 dB below is 8.0 mm

Ratio of SAR at M2 to SAR at M1 = 78.9 %

