

APPENDIX A: SAR TEST DATA

ELEMENT

DUT: BCGA3268; Type: Tablet Device; Serial: LP4Q9

Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2437.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2437.0$ MHz; $\text{cond} = 1.78$ S/m; $\text{perm} = 38.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 11/23/2024; Ambient Temp: 21.6°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 WF7b, 22 MHz Bandwidth,
Variant 1, Exp: Body| Top Edge, Ch. 6, 1Mbps**

Area Scan (50.0 x 224.0): Measurement grid: $dx=5.0$ mm, $dy=8.0$ mm

Zoom Scan (30.0 x 35.0 x 31.2): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

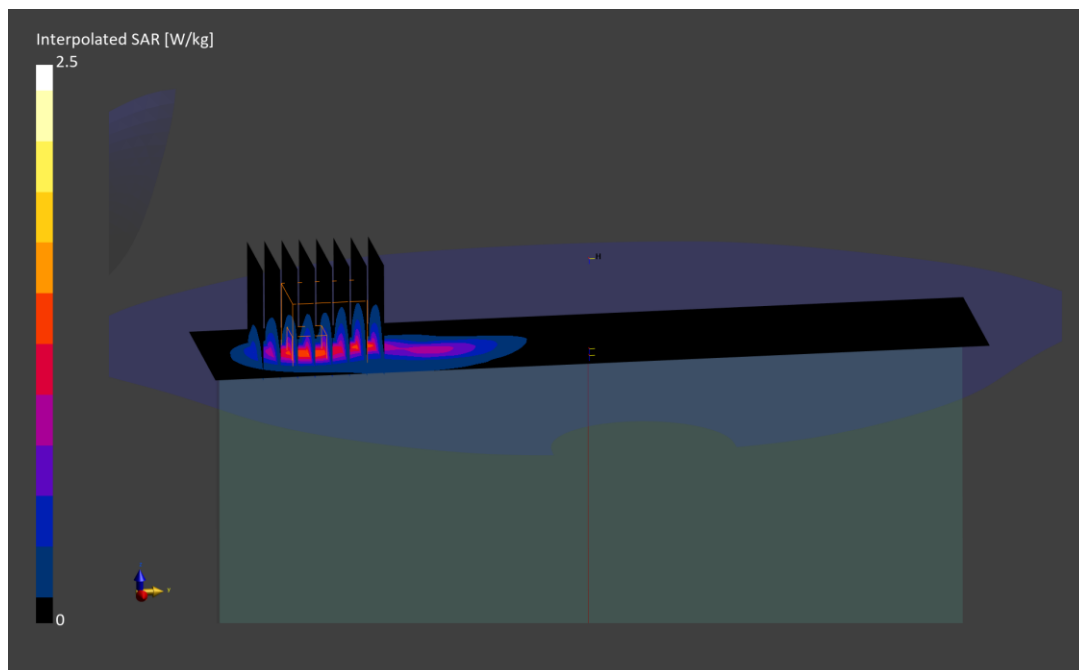
Reference Value = 1.92 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.50 W/kg

SAR(1 g) = 1.05 W/kg

Smallest distance from peaks to all points 3 dB below is 7.1 mm

Ratio of SAR at M2 to SAR at M1 = 76.6 %



ELEMENT

DUT: BCGA3268; Type: Tablet Device; Serial: WYFW3

Communication System: UID:10117 - CAE, WLAN; MAIA: Y; Frequency: 5230.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
 $f = 5230.0$ MHz; $\text{cond} = 4.47$ S/m; $\text{perm} = 34.9$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 0.00 mm

Test Date: 12/14/2024; Ambient Temp: 19.1°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7782; ConvF:(5.91,5.17,5.06); Calibrated: 2024-09-12
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1646; Calibrated: 2024-09-03
Phantom: Twin-SAM V8.0; Serial: 2027
Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: 5 GHz WIFI/ IEEE 802.11n, Antenna WF7a, 40 MHz Bandwidth,
Variant 1, U-NII-1, Exp: Body| Top Edge, Ch. 46, 13.5 Mbps**

Area Scan (40.0 x 260.0): Measurement grid: $\text{dx}=10.0$ mm, $\text{dy}=10.0$ mm

Zoom Scan (36.0 x 36.0 x 22.9): Measurement grid: $\text{dx}=4.0$ mm, $\text{dy}=4.0$ mm, $\text{dz}=1.4$ mm; Graded Ratio: 1.4

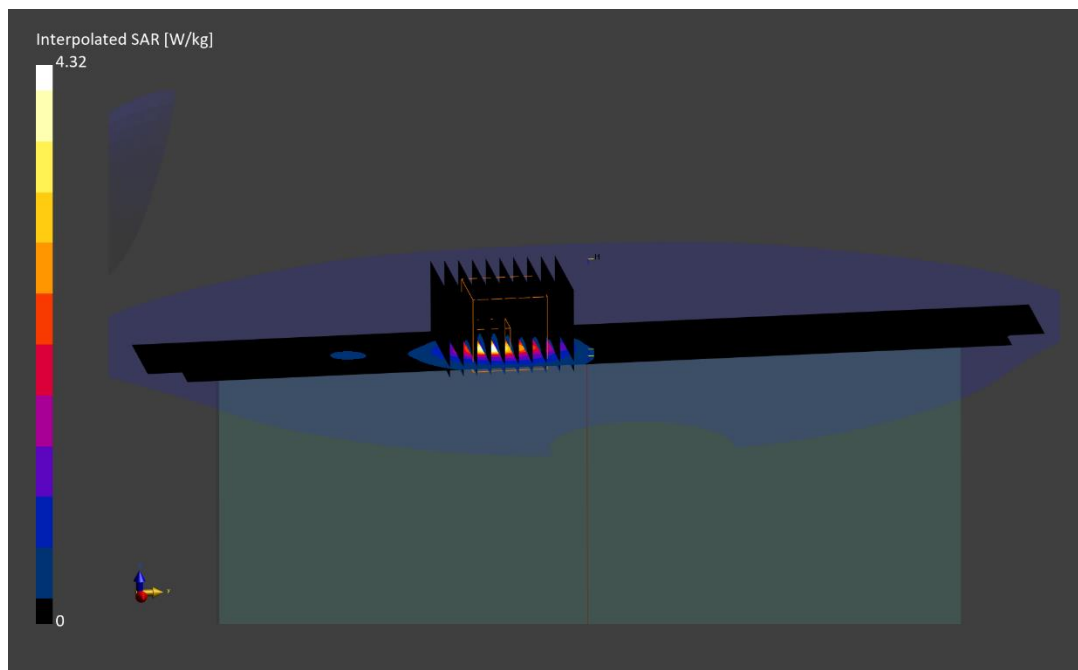
Reference Value = 0.63 W/kg; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 4.32 W/kg

SAR(1 g) = 0.873 W/kg

Smallest distance from peaks to all points 3 dB below is 4.8 mm

Ratio of SAR at M2 to SAR at M1 = 56.3 %



ELEMENT

DUT: BCGA3268; Type: Tablet Device; Serial: 7W7G7

Communication System: UID:10755 - AAC, WLAN; MAIA: Y; Frequency: 6985.0 MHz

Medium: 6000 Head; Medium parameters used:

$f = 6985.0$ MHz; $\text{cond} = 6.57$ S/m; $\text{perm} = 33.2$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 11/17/2024; Ambient Temp: 21.2°C; Tissue Temp: 20.1°C

Probe: EX3DV4 - SN3949; ConvF:(5.23,5.7,5.57); Calibrated: 2024-09-09

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

Electronics: DAE4 Sn1684; Calibrated: 2024-09-04

Phantom: Twin-SAM V4.0; Serial: 1275

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: 6 GHz WIFI/ IEEE 802.11ax, Antenna 7a, 160 MHz Bandwidth,
Variant 2, U-NII-8, Exp: Body| Top Edge, Ch. 207, 68.1 Mbps**

Area Scan (50.0 x 238.0): Measurement grid: $dx=5.0$ mm, $dy=8.5$ mm

Zoom Scan (30.6 x 23.8 x 22.9): Measurement grid: $dx=3.4$ mm, $dy=3.4$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

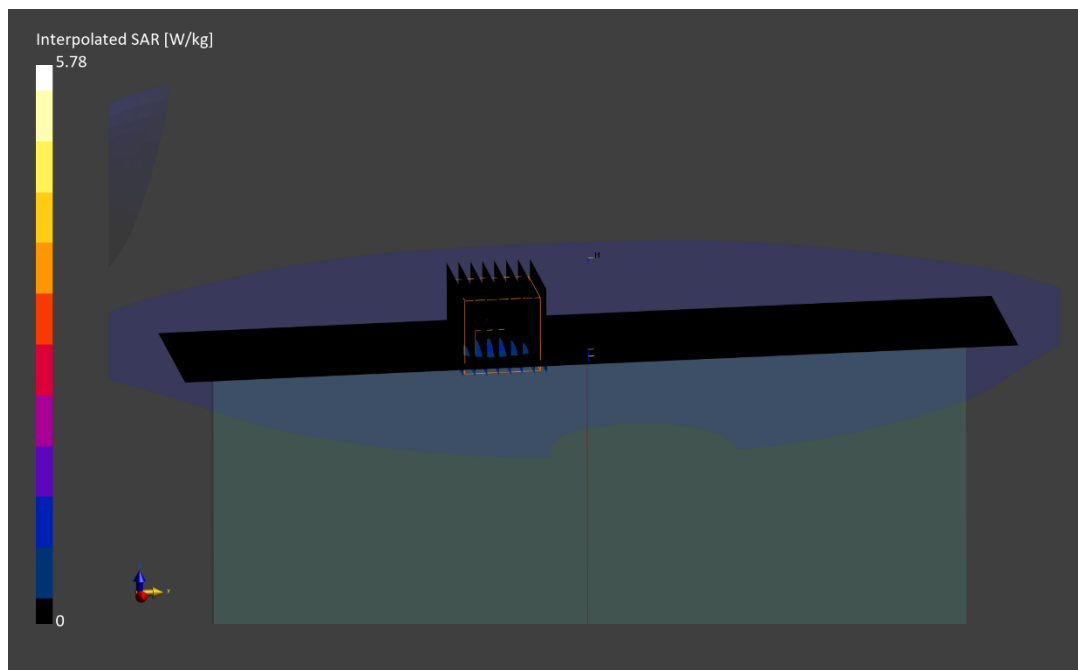
Reference Value = 0.96 W/kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 5.78 W/kg

SAR(1 g) = 1.01 W/kg; APD(4cm²) = 6.49 W/m²

Smallest distance from peaks to all points 3 dB below is 5.5 mm

Ratio of SAR at M2 to SAR at M1 = 46.8 %



ELEMENT

DUT: BCGA3268; Type: Tablet Device; Serial: 3NK97

Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2402.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2402.0$ MHz; $\text{cond} = 1.80$ S/m; $\text{perm} = 39.4$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 12/20/2024; Ambient Temp: 20.4°C; Tissue Temp: 20.3°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 WF2b, Variant 2, Exp: Body| Right Edge, Ch. 0, 1 Mbps

Area Scan (60.0 x 320.0): Measurement grid: $\text{dx}=5.0$ mm, $\text{dy}=10.0$ mm

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

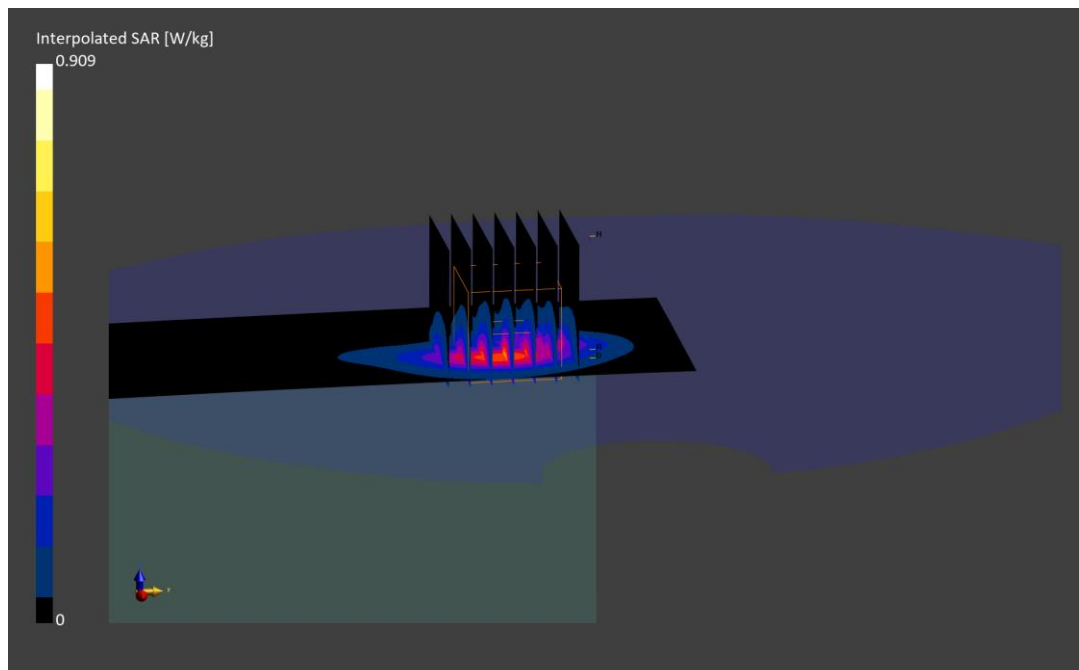
Reference Value = 0.36 W/kg; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.909 W/kg

SAR(1 g) = 0.419 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 = 80.4 %



ELEMENT

DUT: BCGA3268; Type: Tablet Device; Serial: C4TK6

Communication System: UID:0 - -, CW; MAIA: Y; Frequency: 2475.0 MHz
Medium: 2450 Head; Medium parameters used:
 $f = 2475.0$ MHz; $\text{cond} = 1.83$ S/m; $\text{perm} = 38.6$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 0.00 mm

Test Date: 11/15/2024; Ambient Temp: 21.4°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: 802.15.4, Antenna WF2b, Variant 1, Exp: Body| Right Edge, Ch. 25, 1 Mbps

Area Scan (48.0 x 320.0): Measurement grid: $\text{dx}=8.0$ mm, $\text{dy}=10.0$ mm

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

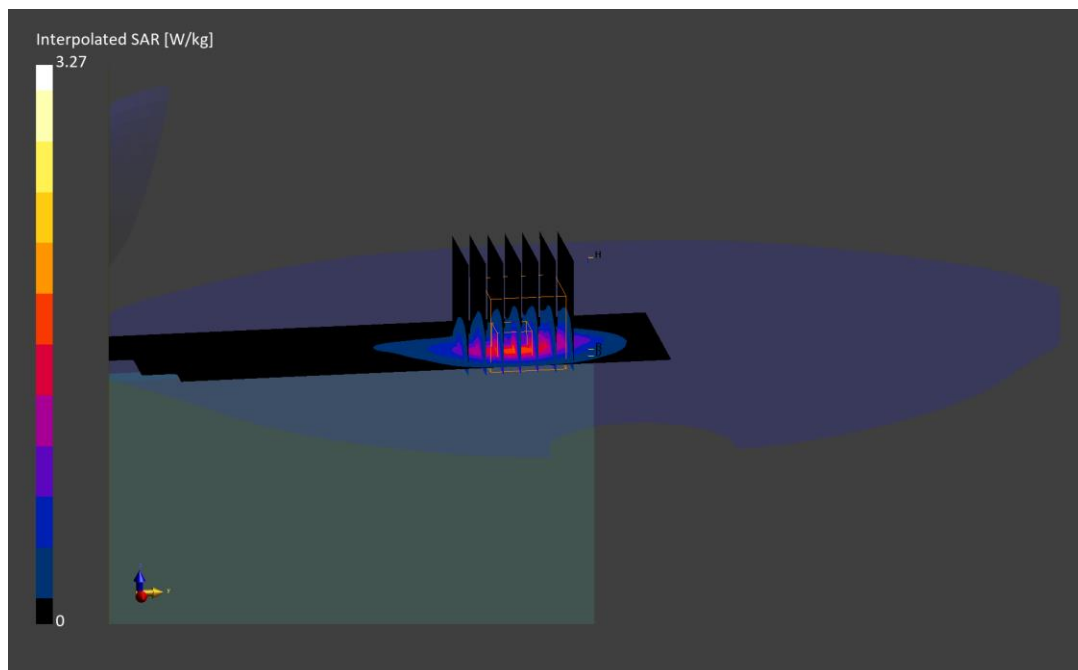
Reference Value = 2.35 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 3.27 W/kg

SAR(1 g) = 1.40 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 = 80.5 %



ELEMENT

DUT: BCGA3268; Type: Tablet Device; Serial: 6JWGD

Communication System: UID:10032 - CAA, CW; MAIA: Y; Frequency: 5733.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5733.0 MHz; cond = 5.35 S/m; perm = 33.8; density = 1000 kg/m³
Phantom Section: Flat; Space: 0.00 mm

Test Date: 12/10/2024; Ambient Temp: 20.1°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7427; ConvF:(4.35,4.78,4.93); 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: NB U-NII 3, Antenna WF2a, Variant 1,
Exp: Body| Bottom Edge, Ch. Low, 1 Mbps**

Area Scan (40.0 x 260.0): 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

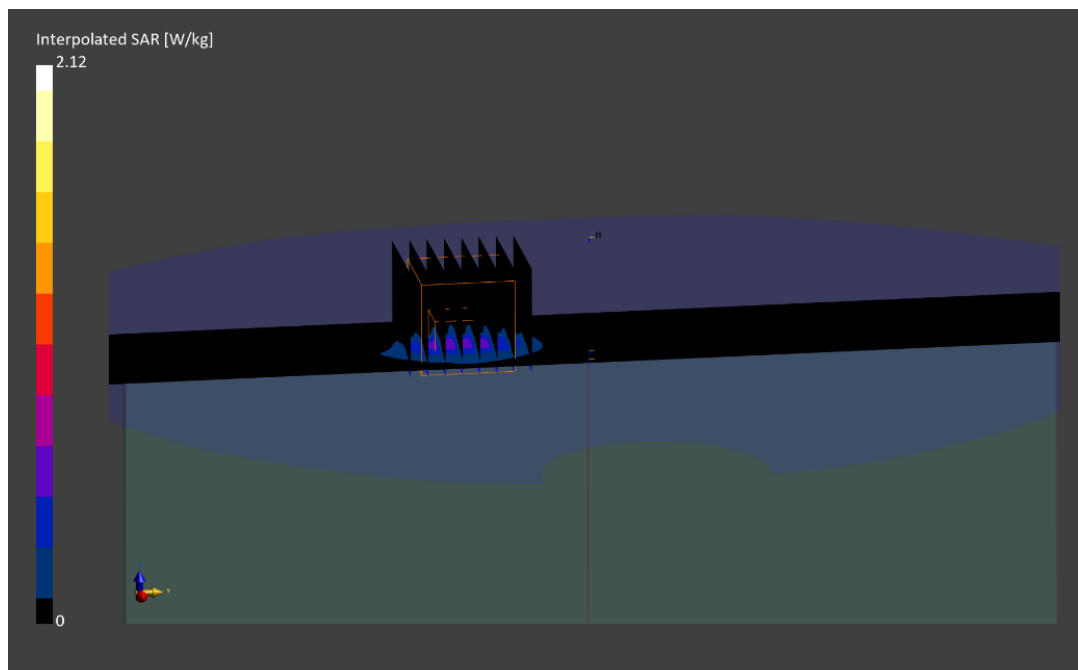
Reference Value = 0.27 W/kg; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.12 W/kg

SAR(1 g) = 0.502 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 = 59.0 %



ELEMENT

DUT: BCGA3268; Type: Tablet Device; Serial: 1JW1Q

Communication System: UID:0 - -, CW; MAIA: Y; Frequency: 13.6 MHz

Medium: 30 Head; Medium parameters used:

$f = 13.6$ MHz; $\text{cond} = 0.745$ S/m; $\text{perm} = 52.4$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 12/11/2024; Ambient Temp: 21.9°C; Tissue Temp: 24.0°C

Probe: EX3DV4 - SN7308; ConvF:(16.59,16.59,16.59); Calibrated: 2024-02-09

Sensor-Surface: 1.4mm (All points)

Electronics: DAE4 Sn534; Calibrated: 2024-03-06

Phantom: ELI V6.0; Serial: 2003

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: wPT, Body SAR, Back Side

Area Scan (270.0 x 330.0): Measurement grid: $dx=15.0$ mm, $dy=15.0$ mm

Zoom Scan (31.2 x 31.2 x 33.4): Measurement grid: $dx=3.9$ mm, $dy=3.9$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

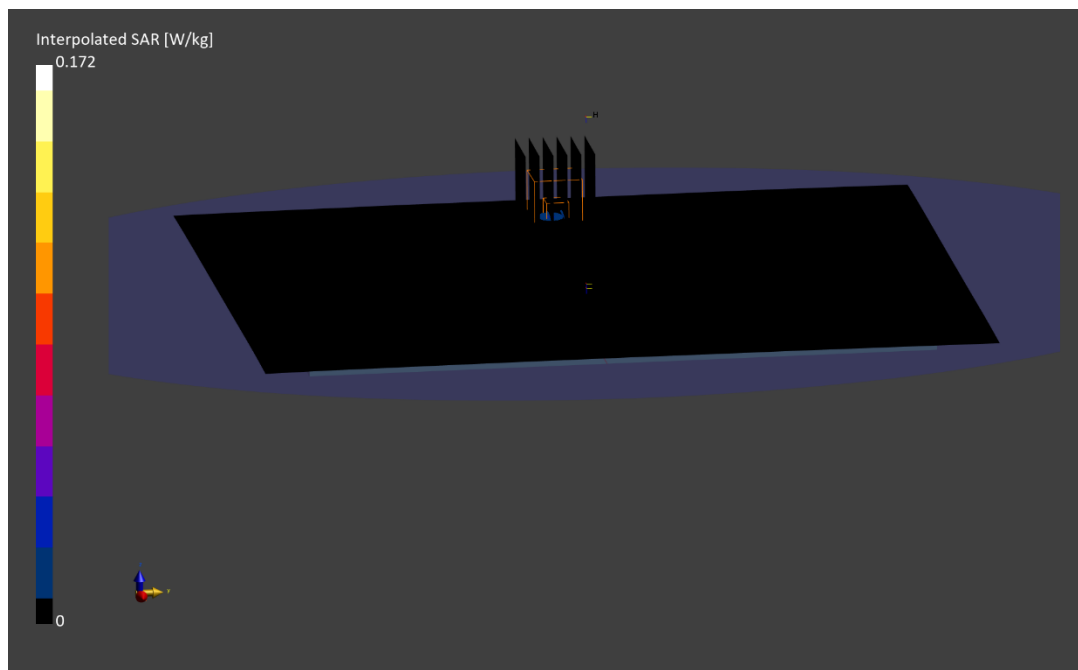
Reference Value = 0.01 W/kg; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.172 W/kg

SAR(1 g) = 0.025 W/kg

Smallest distance from peaks to all points 3 dB below is 3.9 mm

Ratio of SAR at M2 to SAR at M1 = 48.1 %



Date: 11/09/2024

Antenna WF2a; Variant 1; Channel 15; 802.11ax

Device Under Test Properties

DUT	Serial Number	DUT Type
BCGA3268	6JWGD	Tablet Device

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Channel	Group, UID	Frequency [MHz]
5G	EDGE BOTTOM	2.00	15	10755	6025.0

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmmWV4 – SN9487, 04/08/2024	DAE4 – SN1333, 10/09/2024

Software Setup

Software	Software Version
cDASY6 Module mmWave	3.2.0.1840

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.041 x 0.041
Sensor Surface [mm]	2.0

Measurement Results

Scan Type	5G Scan
Avg. Area [cm²]	4.00
pS _{tot} avg [W/m²]	4.33
pS _n avg [W/m²]	3.87
E _{peak} [V/m]	64.2
Power Drift [dB]	0.00

