

APPENDIX A: SAR TEST PLOTS

ELEMENT

DUT: BCGA3461; Type: Tablet Device; Serial: WWL9X

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

Medium: 2450 Head; Medium parameters used:

$f = 2437.0$ MHz; $\text{cond} = 1.81$ S/m; $\text{perm} = 38.5$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 5.00 mm

Test Date: 11/13/2025; Ambient Temp: 22.3°C; Tissue Temp: 23.5°C

Probe: EX3DV4 - SN7532; ConvF:(6.89,6.81,7.65); Calibrated: 2025-04-16

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

Electronics: DAE4 Sn501; Calibrated: 2025-04-09

Phantom: Twin-SAM V8.0; Serial: 2058

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: 2.4 GHz WIFI/ IEEE 802.11b, Antenna WF7b, 22 MHz Bandwidth,

Exp: Body| Top Edge, Ch. 6, 1Mbps

Area Scan (40.0 x 260.0): Measurement grid: $dx=5.0$ mm, $dy=10.0$ 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

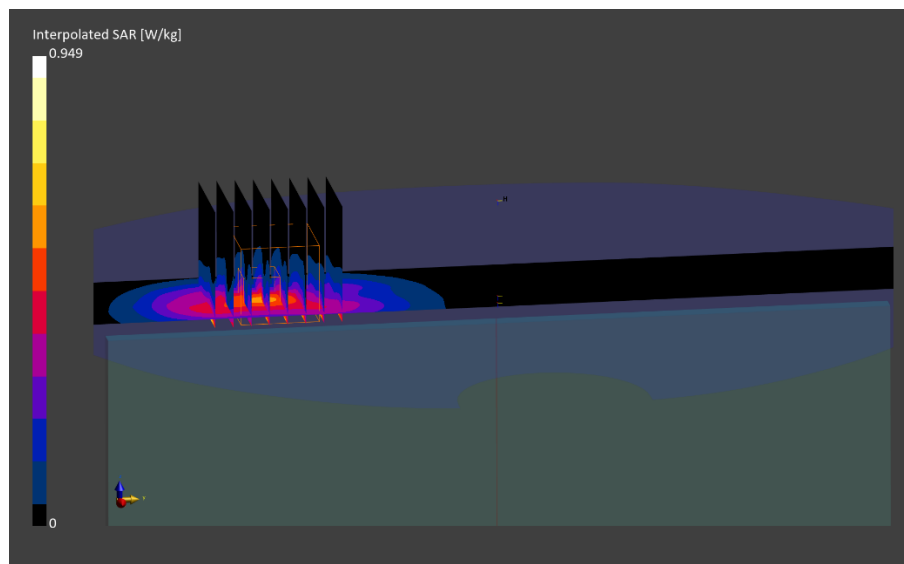
Reference Value = 0.37 W/kg; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.949 W/kg

SAR(1 g) = 0.423 W/kg

Smallest distance from peaks to all points 3 dB below is 5.7 mm

Ratio of SAR at M2 to SAR at M1 = 80.4 %



ELEMENT

DUT: BCGA3461; Type: Tablet Device; Serial: P44DG

Communication System: UID:10544 - AAD, WLAN; MAIA: Y; Frequency: 5690.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
 $f = 5690.0$ MHz; $\text{cond} = 5.14$ S/m; $\text{perm} = 35.2$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 5.00 mm

Test Date: 10/08/2025; Ambient Temp: 23.0°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7668; ConvF:(4.84,4.91,4.69); Calibrated: 2025-08-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2025-08-08
Phantom: Twin-SAM V8.0; Serial: 2027
Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: 5 GHz WIFI/ IEEE 802.11ac, Antenna WF2a, 80 MHz Bandwidth, U-NII-2C,
Exp: Body| Bottom Edge, Ch. 138, 29.3 Mbps**

Area Scan (40.0 x 260.0): Measurement grid: $dx=5.0$ mm, $dy=10.0$ mm

Zoom Scan (32.0 x 32.0 x 22.9): Measurement grid: $dx=4.0$ mm, $dy=4.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

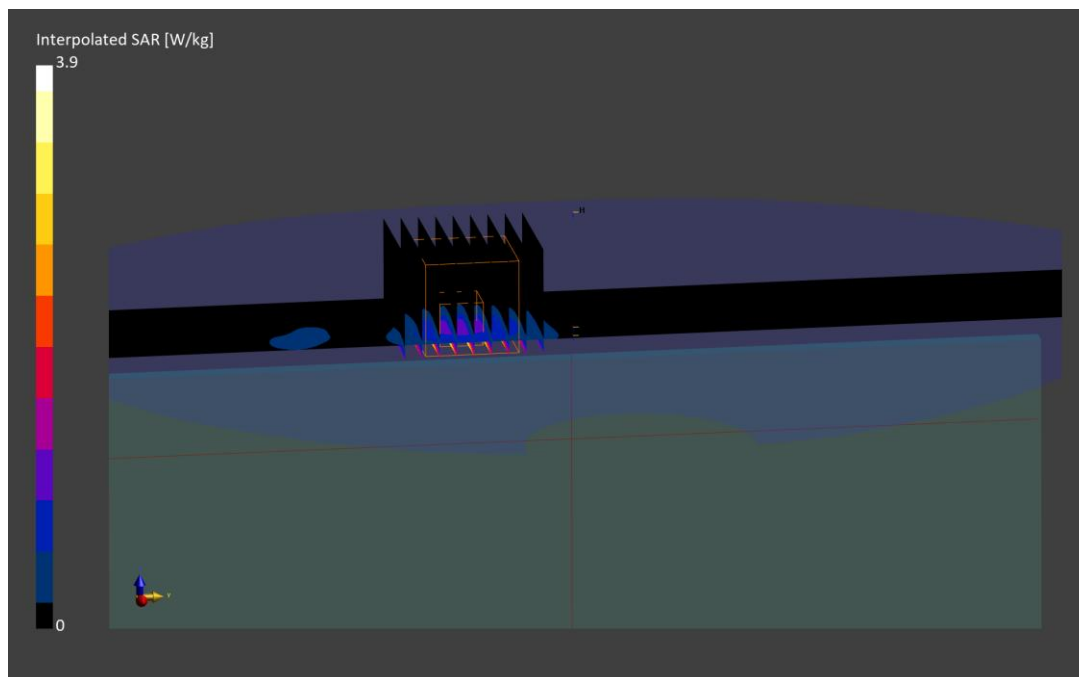
Reference Value = 0.62 W/kg; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 3.90 W/kg

SAR(1 g) = 0.985 W/kg

Smallest distance from peaks to all points 3 dB below is 9.4 mm

Ratio of SAR at M2 to SAR at M1 = 58.5 %



ELEMENT

DUT: BCGA3461; Type: Device Tablet; Serial: P44DG

Communication System: UID:10755 - AAC, WLAN; MAIA: Y; Frequency: 6345.0 MHz
Medium: 6000 Head; Medium parameters used:
 $f = 6345.0$ MHz; $\text{cond} = 5.71$ S/m; $\text{perm} = 35.9$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 5.00 mm

Test Date: 11/03/2025; Ambient Temp: 22.1°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN3837; ConvF:(5.38,5.14,5.25); Calibrated: 2025-08-13
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn793; Calibrated: 2025-08-06
Phantom: Twin-SAM V4.0; Serial: 1275
Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: 6 GHz WIFI/ IEEE 802.11ax, Antenna WF2a, 160 MHz Bandwidth, U-NII-5,
Exp: Body| Bottom Edge, Ch. 79, 68.1 Mbps**

Area Scan (40.0 x 255.0): Measurement grid: $dx=5.0$ mm, $dy=8.5$ mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=3.4$ mm, $dy=3.4$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

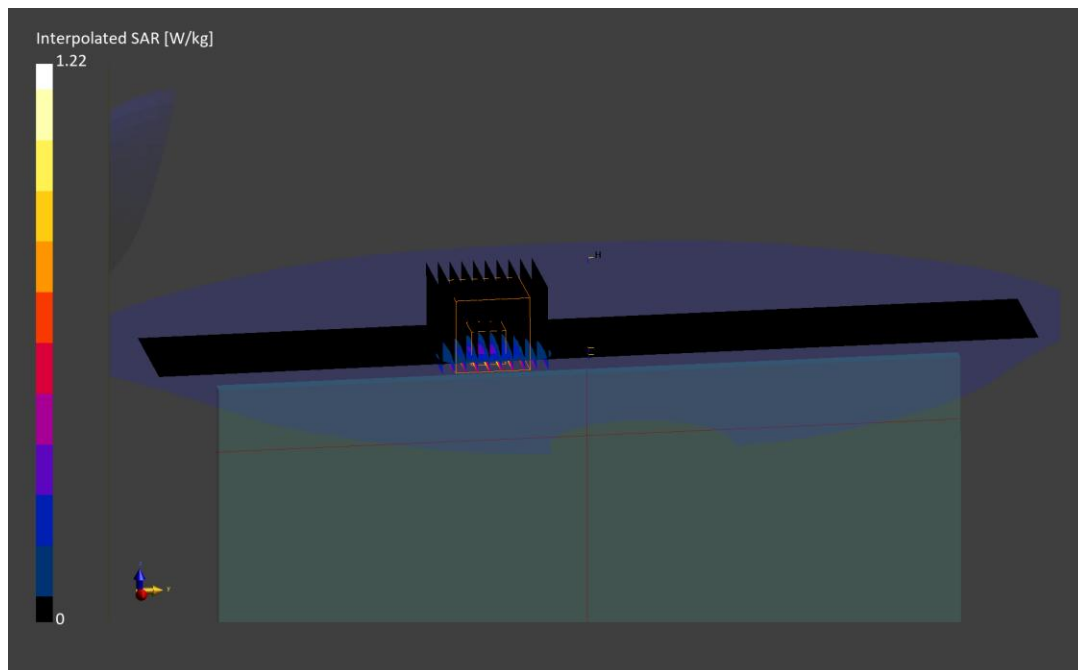
Reference Value = 0.27 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.300 W/kg; APD(4cm²) = 2.37 W/m²

Smallest distance from peaks to all points 3 dB below is 8.7 mm

Ratio of SAR at M2 to SAR at M1 = 55.1 %



ELEMENT

DUT: BCGA3461; Type: Device Tablet; Serial: 44LQ2

Communication System: UID:10670 - AAA, Bluetooth; MAIA: Y; Frequency: 2402.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2402.0$ MHz; $\text{cond} = 1.74$ S/m; $\text{perm} = 38.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 5.00 mm

Test Date: 11/24/2025; Ambient Temp: 22.50°C; Tissue Temp: 22.80°C

Probe: EX3DV4 - SN7532; ConvF:(6.89,6.81,7.65); Calibrated: 2025-04-16

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

Electronics: DAE4 Sn501; Calibrated: 2025-04-09

Phantom: Twin-SAM V8.0; Serial: 2058

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: 2.4 GHz Bluetooth LE, Antenna WF2b, Exp: Body| Bottom Edge, Ch. 0, 1 Mbps

Area Scan (40.0 x 260.0): 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

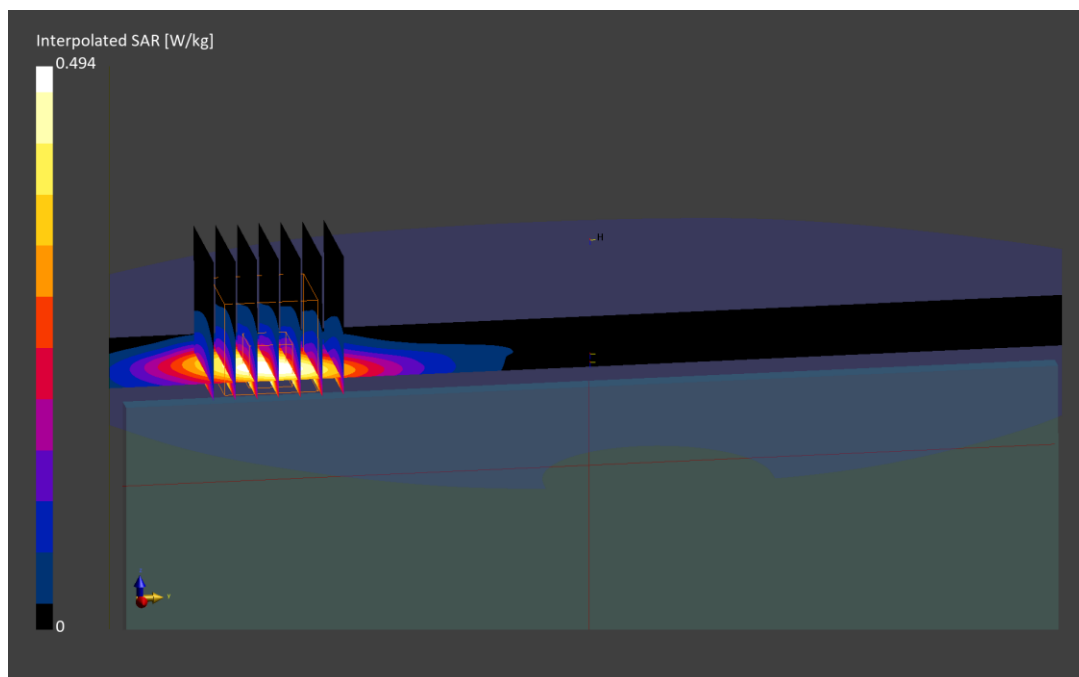
Reference Value = 0.21 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.494 W/kg

SAR(1 g) = 0.250 W/kg

Smallest distance from peaks to all points 3 dB below is 14.4 mm

Ratio of SAR at M2 to SAR at M1 = 79.7 %



ELEMENT

DUT: BCGA3461; Type: Tablet Device; Serial: 24MDH

Communication System: UID:0 - -, CW; MAIA: Y; Frequency: 2475.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2475.0 MHz; cond = 1.83 S/m; perm = 38.6; density = 1000 kg/m³
Phantom Section: Flat; Space: 5.00 mm

Test Date: 11/19/2025; Ambient Temp: 23.0°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7782; ConvF:(7.27,6.3,6.33); Calibrated: 2025-09-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1646; Calibrated: 2025-09-10
Phantom: Twin-SAM V4.0; Serial: 1598
Measurement SW: DASY Module SAR V16.4.0.5005

Mode: 802.15.4, Antenna WF7b, Exp: Body| Top Edge, Ch. 25, 1 Mbps

Area Scan (40.0 x 260.0): Measurement grid: dx=5.0 mm, dy=10.0 mm

Zoom Scan (32.0 x 32.0 x 31.2): Measurement grid: dx=3.2 mm, dy=3.2 mm, dz=1.5 mm; Graded Ratio: 1.5

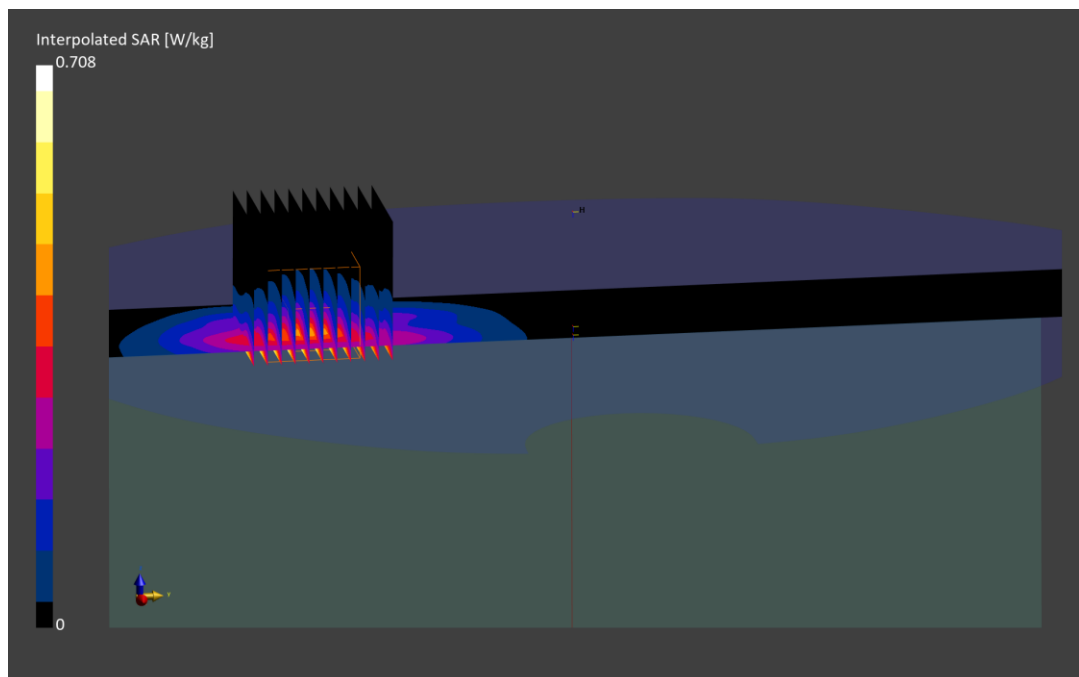
Reference Value = 0.27 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.708 W/kg

SAR(1 g) = 0.344 W/kg

Smallest distance from peaks to all points 3 dB below is 9.7 mm

Ratio of SAR at M2 to SAR at M1 = 78.7 %



ELEMENT

DUT: BCGA3461; Type: Tablet Device; Serial: 73D4C

Communication System: UID:10032 - CAA, CW; MAIA: Y; Frequency: 5844.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5844.0 MHz; cond = 5.14 S/m; perm = 34.3; density = 1000 kg/m³
Phantom Section: Flat; Space: 5.00 mm

Test Date: 11/02/2025; Ambient Temp: 19.2°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7668; ConvF:(4.67,4.74,4.52); Calibrated: 2025-08-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2025-08-08
Phantom: Twin-SAM V8.0; Serial: 2027
Measurement SW: DASY Module SAR V16.4.0.5005

Mode: NB U-NII 3, Antenna WF7a, Exp: Body| Top Edge, Ch. High, 1 Mbps

Area Scan (40.0 x 260.0): Measurement grid: dx=5.0 mm, dy=10.0 mm

Zoom Scan (32.0 x 32.0 x 22.9): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4

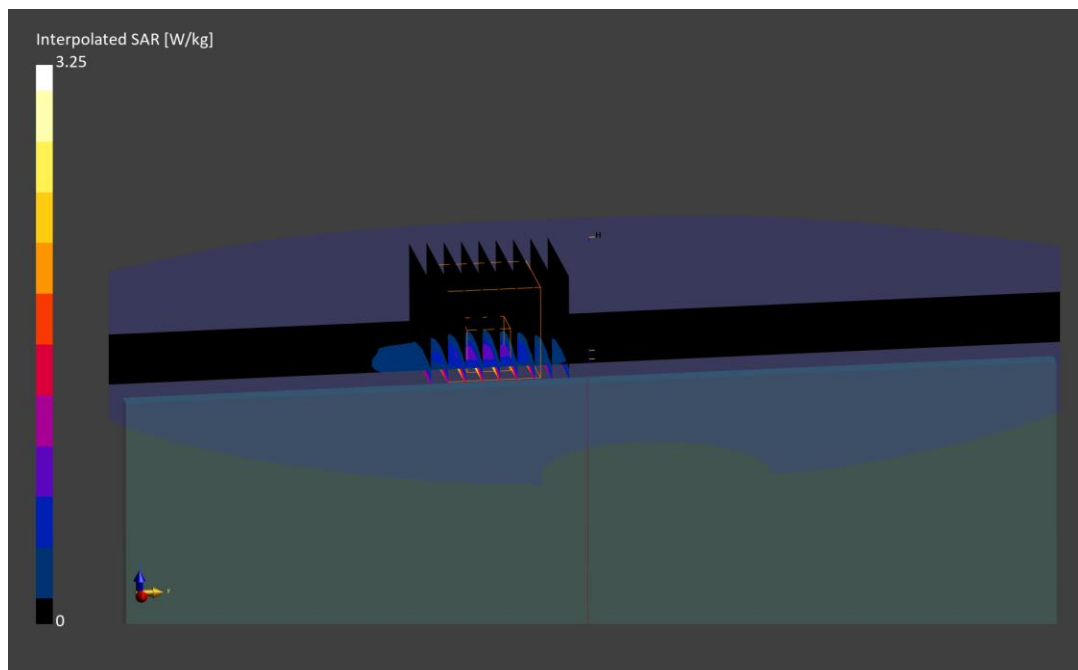
Reference Value = 0.46 W/kg; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 3.25 W/kg

SAR(1 g) = 0.802 W/kg

Smallest distance from peaks to all points 3 dB below is 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 58.0 %



ELEMENT

DUT: BCGA3461; Type: Tablet Device; Serial: 24MDX

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

Medium: 30 Head; Medium parameters used:

$f = 13.6$ MHz; $\text{cond} = 0.730$ S/m; $\text{perm} = 55.5$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 5.00 mm

Test Date: 12/01/2025; Ambient Temp: 21.9°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN7782; ConvF:(18.49,15.42,16.82); Calibrated: 2025-09-15

Sensor-Surface: 1.4mm (All points)

Electronics: DAE4 Sn1646; Calibrated: 2025-09-10

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 (60.0 x 54.0 x 31.2): Measurement grid: $dx=6.0$ mm, $dy=6.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

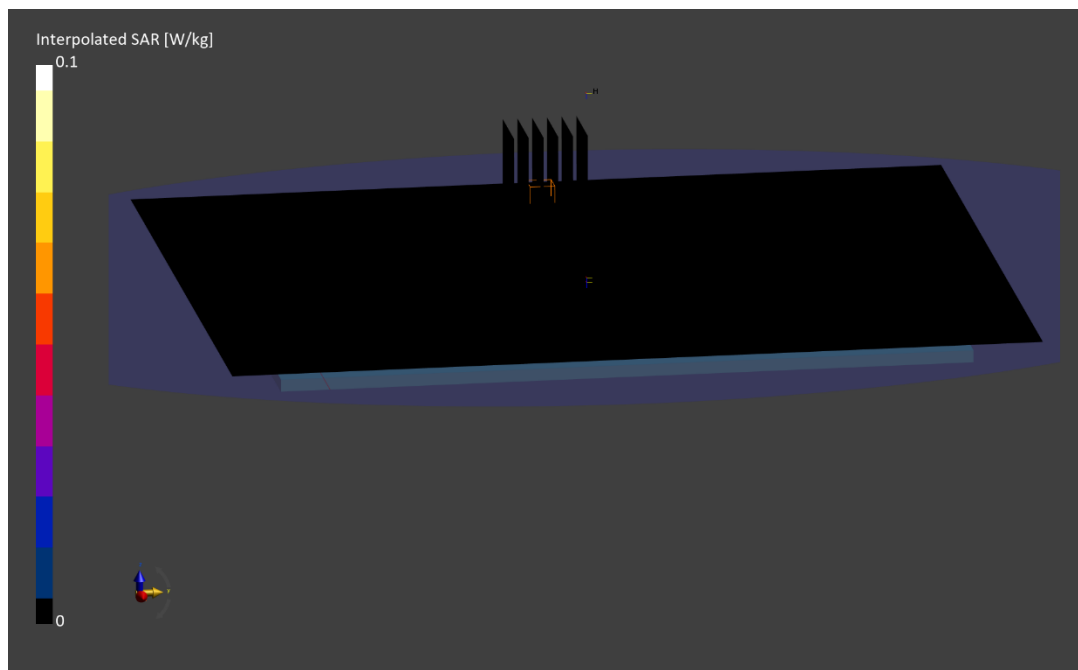
Reference Value = 0.00 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.024 W/kg

SAR(1 g) = 0 W/kg

Smallest distance from peaks to all points 3 dB below is 1.7 mm

Ratio of SAR at M2 to SAR at M1 = N/A %



Date: 10/17/2025

Antenna WF2a, Ch. 79, 802.11ax

Device Under Test Properties

DUT	Serial Number	DUT Type
BCGA3461	XRQM5	Tablet Device

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Channel	Group, UID	Frequency [MHz]
5G	BOTTOM	2.00	79	10755	6345.0

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmmWV3 – SN9364, 06/11/2025	DAE4 – SN1402, 04/10/2025

Software Setup

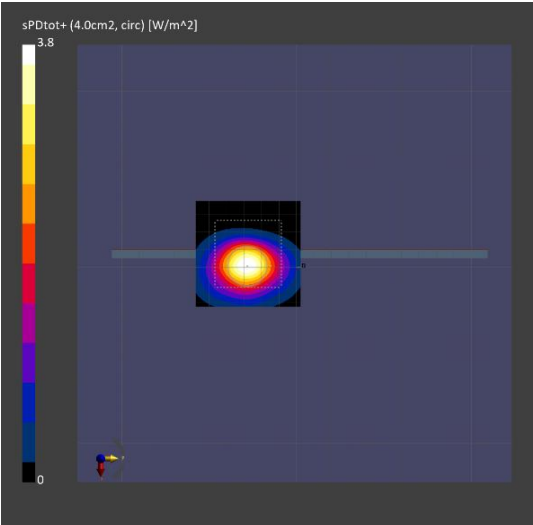
Software	Software Version
cDASY6 Module mmWave	3.2.0.1840

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]	3.80
pS _n avg [W/m²]	3.28
E _{peak} [V/m]	61.4
Power Drift [dB]	-0.13



Date: 11/23/2025

Antenna WF2a, Ch. Low, HDRPL8

Device Under Test Properties

DUT	Serial Number	DUT Type
BCGA3461	T44PH	Tablet

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Channel	Group, UID	Frequency [MHz]
5G	EDGE BOTTOM	2.00	6109000	10982	6109.0

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmmWV3 – SN9364, 06/11/2025	DAE4 – SN1402, 04/10/2025

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]	0.36
pS _n avg [W/m²]	0.35
E _{peak} [V/m]	15.4
Power Drift [dB]	0.20

