

APPENDIX A: SAR TEST DATA

ELEMENT

DUT: BCGA3357; Type: Tablet Device; Serial: QQPGP

Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2437.000 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2437.000$ MHz; $\text{cond} = 1.82$ S/m; $\text{perm} = 39.2$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 5.00 mm

Test Date: 05/20/2025; Ambient Temp: 23.0°C; Tissue Temp: 23.2°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 WF9, 22 MHz Bandwidth,
Exp: Body| Back Side, Ch. 6, 1Mbps**

Area Scan (220.0 x 280.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (45.0 x 45.0 x 31.2): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

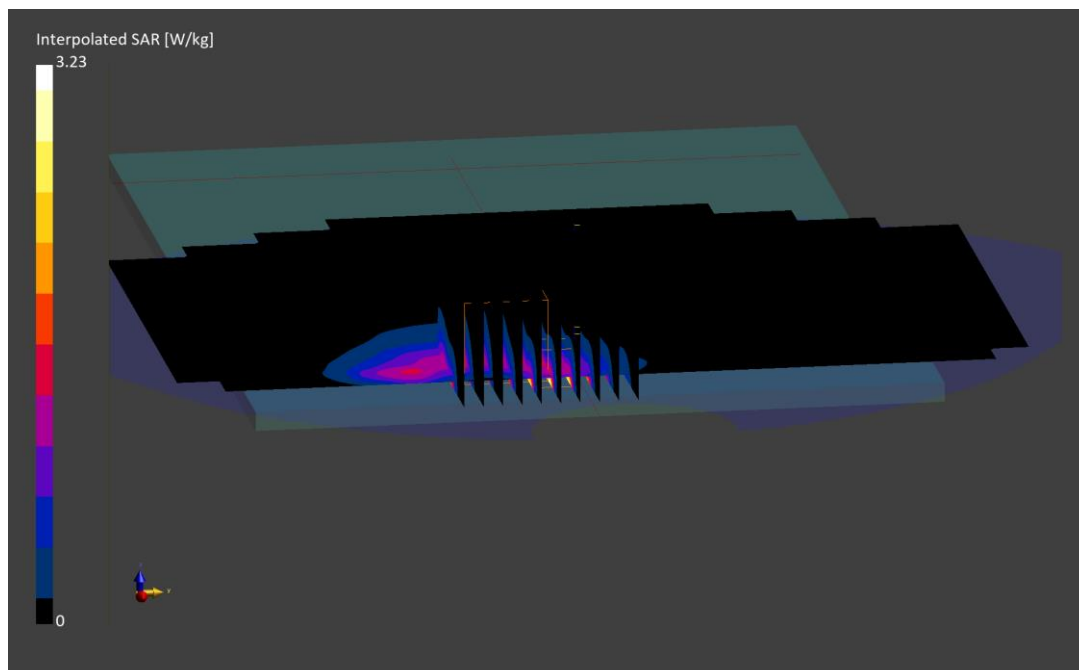
Reference Value = 1.15 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.23 W/kg

SAR(1 g) = 1.16 W/kg

Smallest distance from peaks to all points 3 dB below is 7.0 mm

Ratio of SAR at M2 to SAR at M1 = 71.6 %



ELEMENT

DUT: BCGA3357; Type: Tablet Device; Serial: X9LT0

Communication System: UID:10544 - AAD, WLAN; MAIA: Y; Frequency: 5610.000 MHz

Medium: 5200-5800 Head; Medium parameters used:

$f = 5610.000$ MHz; $\text{cond} = 4.90$ S/m; $\text{perm} = 34.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 5.00 mm

Test Date: 05/19/2025; Ambient Temp: 21.3°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7499; ConvF:(4.83,4.94,5.11); Calibrated: 2025-01-14

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

Electronics: DAE4 Sn1465; Calibrated: 2025-01-08

Phantom: Twin-SAM V8.0; Serial: 2070

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: 5 GHz WIFI/ IEEE 802.11ac, Antenna WF7, 80 MHz Bandwidth, U-NII-2C,
Exp: Body| Back Side, Ch. 122, 29.3 Mbps**

Area Scan (220.0 x 280.0): Measurement grid: $dx=10.0$ 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

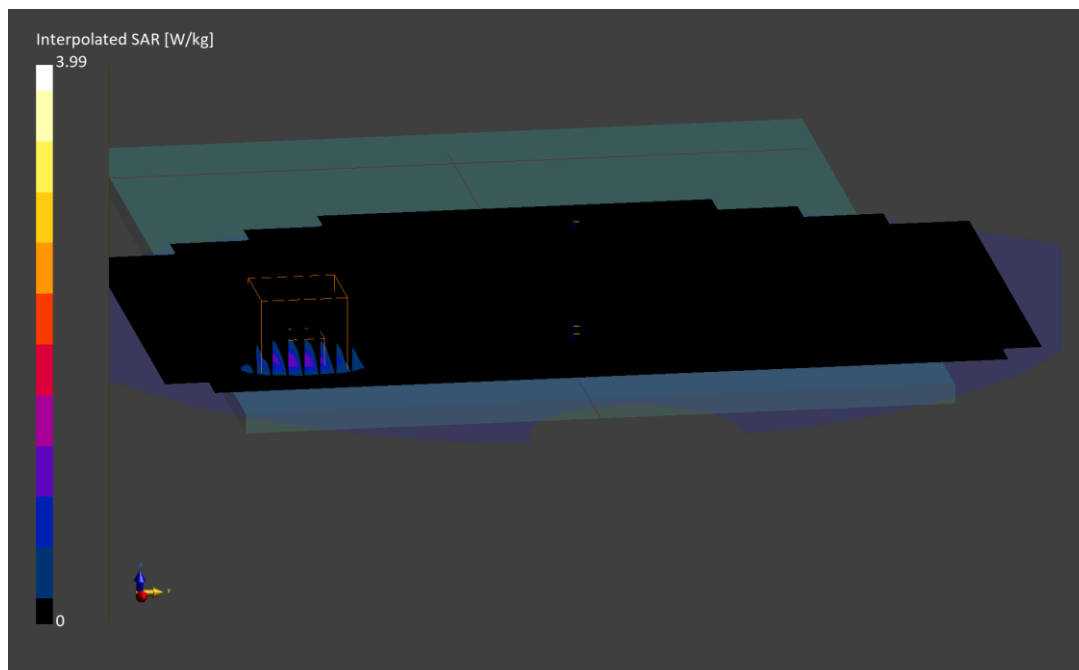
Reference Value = 0.62 W/kg; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 3.99 W/kg

SAR(1 g) = 0.993 W/kg

Smallest distance from peaks to all points 3 dB below is 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 60.3 %



ELEMENT

DUT: BCGA3357; Type: Tablet Device; Serial: MY4R3

Communication System: UID:10755 - AAC, WLAN; MAIA: Y; Frequency: 6665.000 MHz

Medium: 6000 Head; Medium parameters used:

$f = 6665.000$ MHz; $\text{cond} = 6.07$ S/m; $\text{perm} = 34.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 5.00 mm

Test Date: 08/01/2025; Ambient Temp: 21.9°C; Tissue Temp: 20.6°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 WF8, 160 MHz Bandwidth, U-NII-7,
Exp: Body| Back Side, Ch. 143, 68.1 Mbps**

Area Scan (221.0 x 289.0): Measurement grid: $dx=8.5$ mm, $dy=8.5$ mm

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

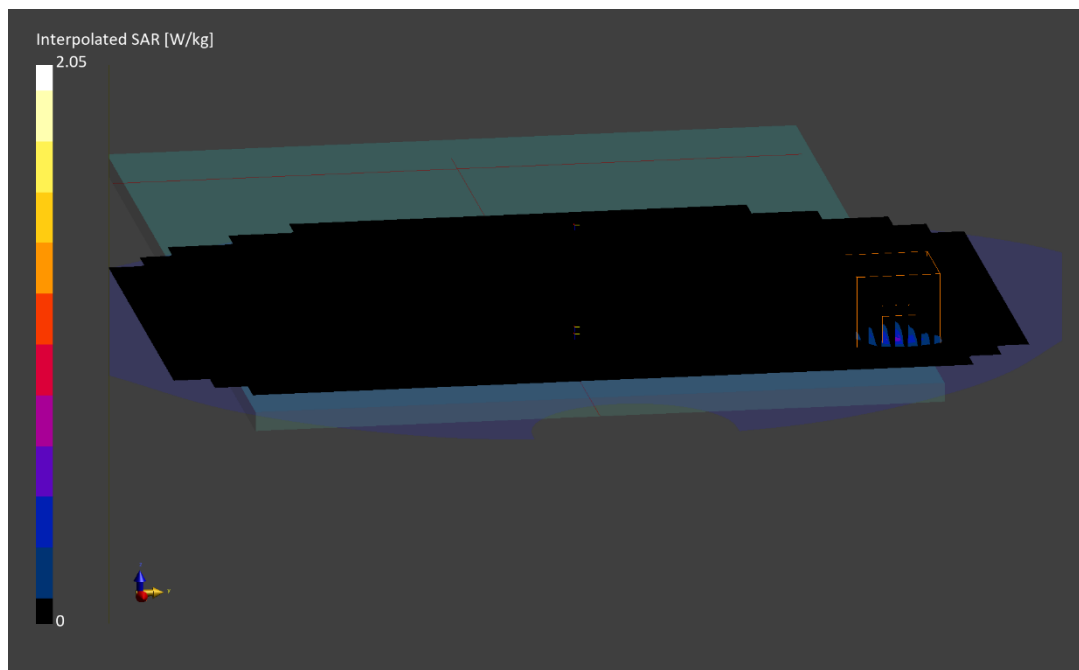
Reference Value = 0.41 W/kg; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 2.05 W/kg

SAR(1 g) = 0.402 W/kg; APD(4cm²) = 2.570 W/m²

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

Ratio of SAR at M2 to SAR at M1 = 52.5 %



ELEMENT

DUT: BCGA3357; Type: Tablet Device; Serial: JCRF0

Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2402.000 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2402.000$ MHz; $\text{cond} = 1.79$ S/m; $\text{perm} = 38.4$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 5.00 mm

Test Date: 07/16/2025; Ambient Temp: 22.6°C; Tissue Temp: 23.4°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, Antenna WF8, Exp: Body| Back Side, Ch. 0, 2 Mbps

Area Scan (220.0 x 280.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (40.0 x 40.0 x 31.2): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

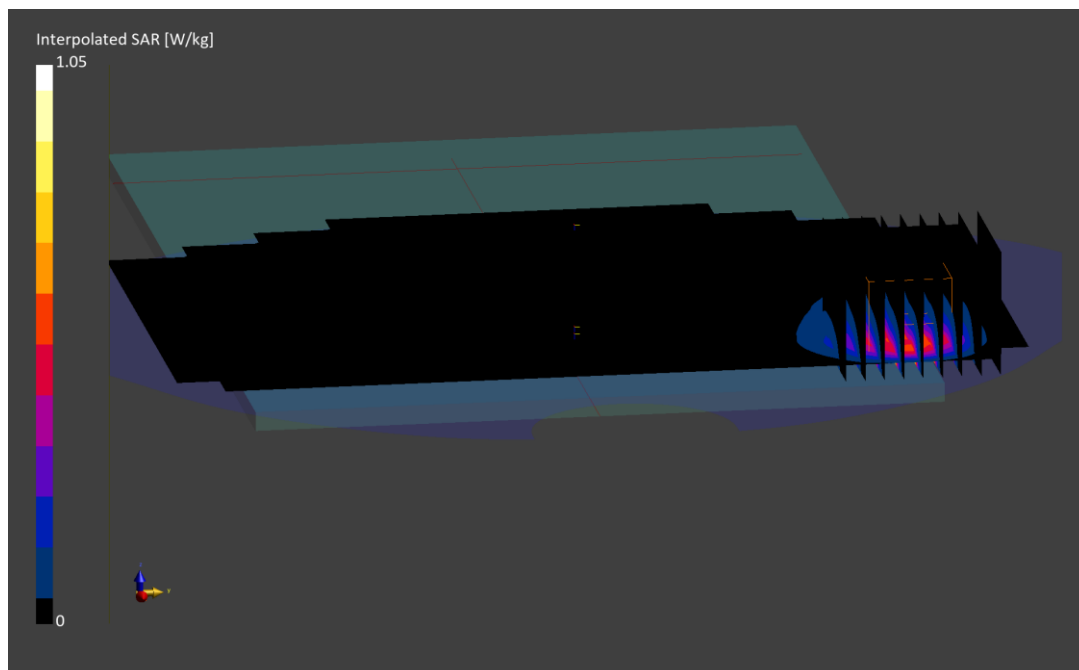
Reference Value = 0.42 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.425 W/kg

Smallest distance from peaks to all points 3 dB below is 7.9 mm

Ratio of SAR at M2 to SAR at M1 = 73.2 %



ELEMENT

DUT: BCGA3357; Type: Tablet Device; Serial: JCRF0

Communication System: UID:0 - -, CW; MAIA: Y; Frequency: 2475.000 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2475.000$ MHz; $\text{cond} = 1.87$ S/m; $\text{perm} = 38.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 5.00 mm

Test Date: 07/16/2025; Ambient Temp: 22.6°C; Tissue Temp: 23.4°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: 802.15.4, Antenna WF8, Exp: Body| Back Side, Ch. 25, 1 Mbps

Area Scan (220.0 x 280.0): Measurement grid: $\text{dx}=10.0$ mm, $\text{dy}=10.0$ mm

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

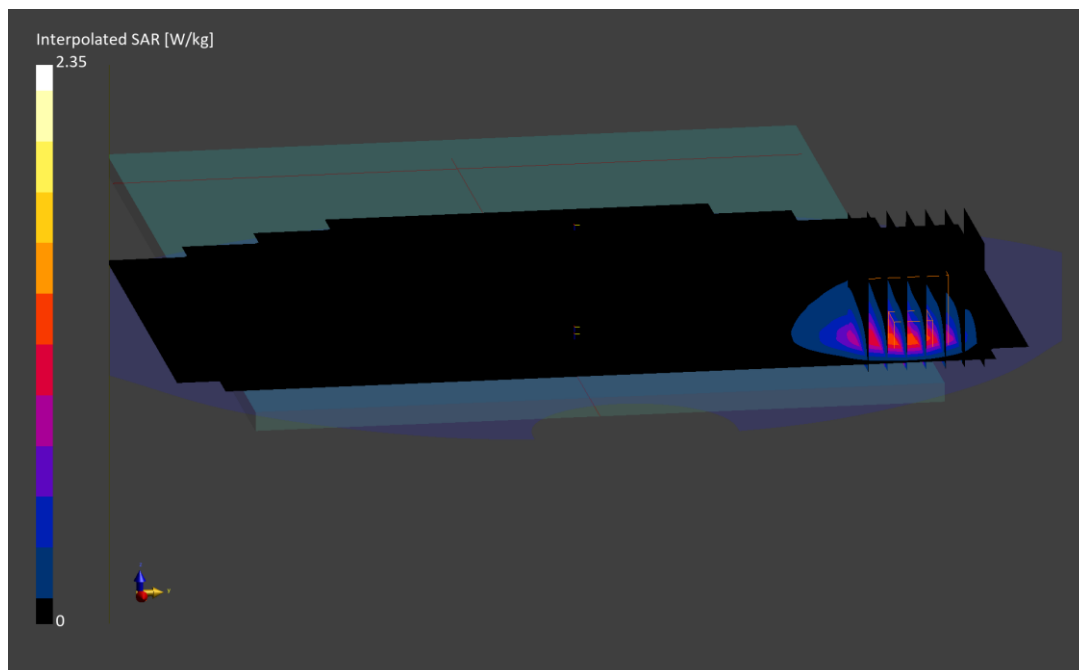
Reference Value = 0.94 W/kg; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.35 W/kg

SAR(1 g) = 0.929 W/kg

Smallest distance from peaks to all points 3 dB below is 8.1 mm

Ratio of SAR at M2 to SAR at M1 = 72.8 %



ELEMENT

DUT: BCGA3357; Type: Tablet Device; Serial: HQ6XD

Communication System: UID:10032 - CAA, CW; MAIA: Y; Frequency: 5844.000 MHz
Medium: 5200-5800 Head; Medium parameters used:
 $f = 5844.000$ MHz; $\text{cond} = 5.28$ S/m; $\text{perm} = 34.0$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 5.00 mm

Test Date: 07/09/2025; Ambient Temp: 21.1°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7782; ConvF:(5.08,4.44,4.35); 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: NB U-NII 3, Antenna WF5B, Exp: Body| Right Edge, Ch. High, 1 Mbps

Area Scan (40.0 x 280.0): Measurement grid: $dx=5.0$ mm, $dy=10.0$ mm

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

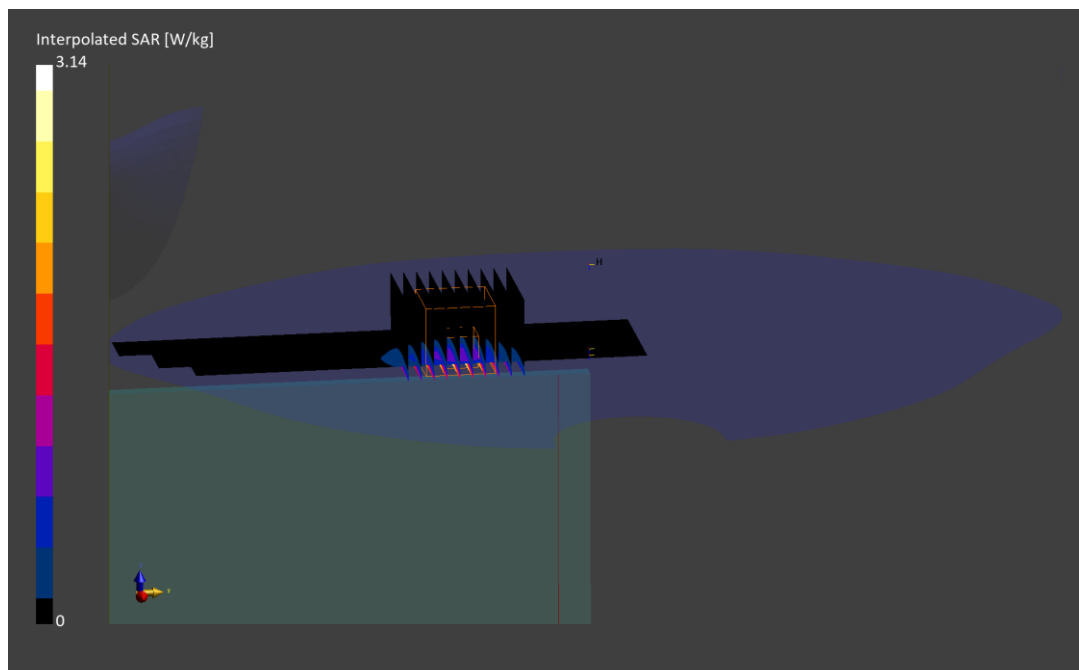
Reference Value = 0.52 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.14 W/kg

SAR(1 g) = 0.820 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 = 59.8 %



ELEMENT

DUT: BCGA3357; Type: Tablet Device; Serial: HJPJY

Communication System: UID:0 - -, CW; MAIA: Y; Frequency: 13.600 MHz

Medium: 30 Head; Medium parameters used:

$f = 13.600$ MHz; $\text{cond} = 0.766$ S/m; $\text{perm} = 53.5$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 5.00 mm

Test Date: 07/17/2025; Ambient Temp: 21.3°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN3746; ConvF:(15.27,15.58,17.13); Calibrated: 2024-10-15

Sensor-Surface: 1.4mm (All points)

Electronics: DAE4 Sn1237; Calibrated: 2024-10-10

Phantom: ELI V6.0; Serial: 2003

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: wPT, Body SAR, Back Side

Area Scan (210.0 x 300.0): Measurement grid: $dx=15.0$ mm, $dy=15.0$ mm

Zoom Scan (43.5 x 37.7 x 31.2): Measurement grid: $dx=2.9$ mm, $dy=2.9$ mm, $dz=1.2$ mm; Graded Ratio: 1.2

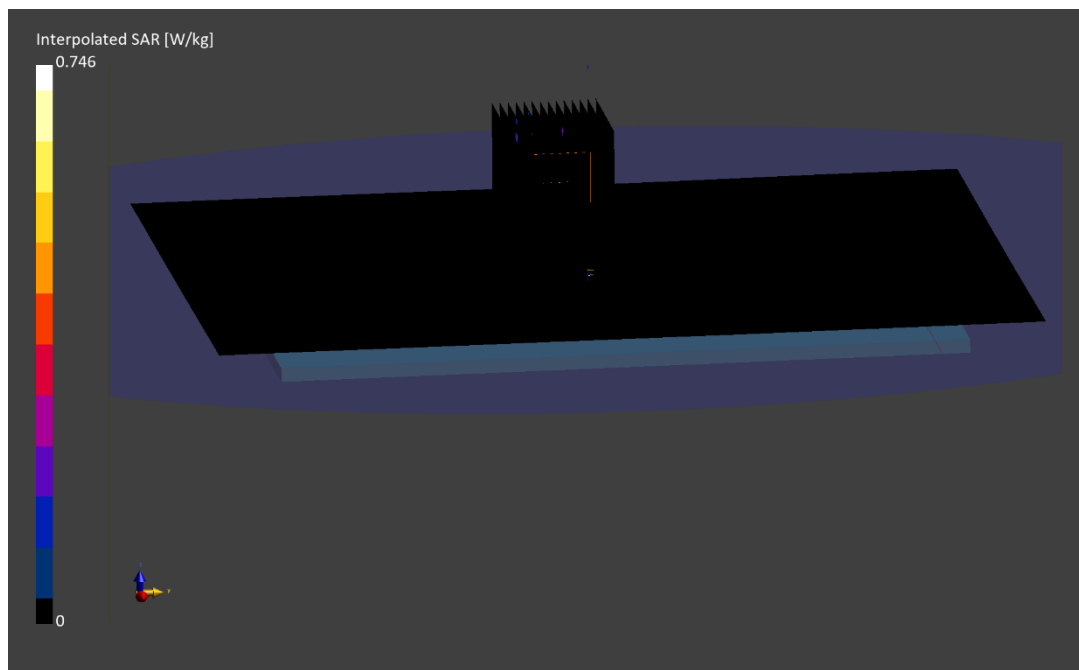
Reference Value = 0.00 W/kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.473 W/kg

SAR(1 g) = 0 W/kg

Smallest distance from peaks to all points 3 dB below is 2.1 mm

Ratio of SAR at M2 to SAR at M1 = 50.7 %





Date: 07/29/2025

Antenna WF5B, Ch. 143, 802.11ax

Device Under Test Properties

DUT	Serial Number	DUT Type
BCGA3357	MY4R3	Tablet Device

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Channel	Group, UID	Frequency [MHz]
5G	RIGHT	2.00	143	10755	6665.0

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmmWV3 – SN9407, 10/09/2024	DAE4 – SN1402, 04/10/2025

Software Setup

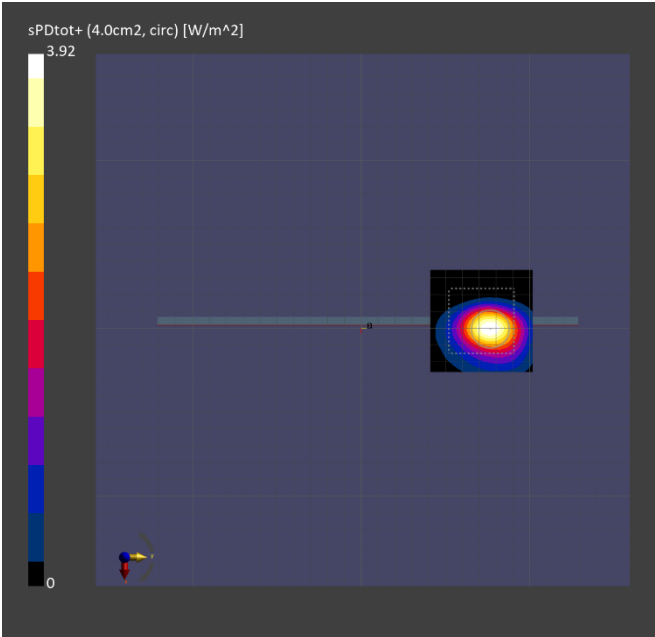
Software	Software Version
cDASY6 Module mmWave	3.2.0.1840

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]	3.92
pS _n avg [W/m²]	3.63
E _{peak} [V/m]	56.9
Power Drift [dB]	-0.04



Date: 08/03/2025

Antenna WF8, Ch. Mid-High, HDR

Device Under Test Properties

DUT	Serial Number	DUT Type
BCGA3357	273CD	Tablet Device

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Channel	Group, UID	Frequency [MHz]
5G	BACK	2.00	6340000	10982	6340.0

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmmWV3 – SN9407, 2024-10-09	DAE4 – SN1402, 2025-04-10

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]	0.261
pS _n avg [W/m²]	0.252
E _{peak} [V/m]	16.5
Power Drift [dB]	0.08

