

APPENDIX A: SAR TEST DATA

# ELEMENT

**DUT: BCGA2837; Type: Tablet Device; Serial: 9GLW0**

Communication System: UID:10011 - CAC, WCDMA; MAIA: Y; Frequency: 826.4 MHz

Medium: 835 Head; Medium parameters used:

f = 826.4 MHz; cond = 0.891 S/m; perm = 41.0; density = 1000 kg/m<sup>3</sup>

Phantom Section: Flat; Space: 0.00 mm

Test Date: 01/18/2024; Ambient Temp: 20.5°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7416; ConvF:(9.73,9.73,9.73); Calibrated: 2023-05-08

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

Electronics: DAE4 Sn701; Calibrated: 2023-05-11

Phantom: Twin-SAM V8.0; Serial: 2029

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: UMTS 850, Antenna 1, Exp: Body| Back Side, Ch. Low**

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

**Zoom Scan (32.4 x 32.4 x 30.0):** Measurement grid: dx=1.8 mm, dy=1.8 mm, dz=1.5 mm; Graded Ratio: 1.5

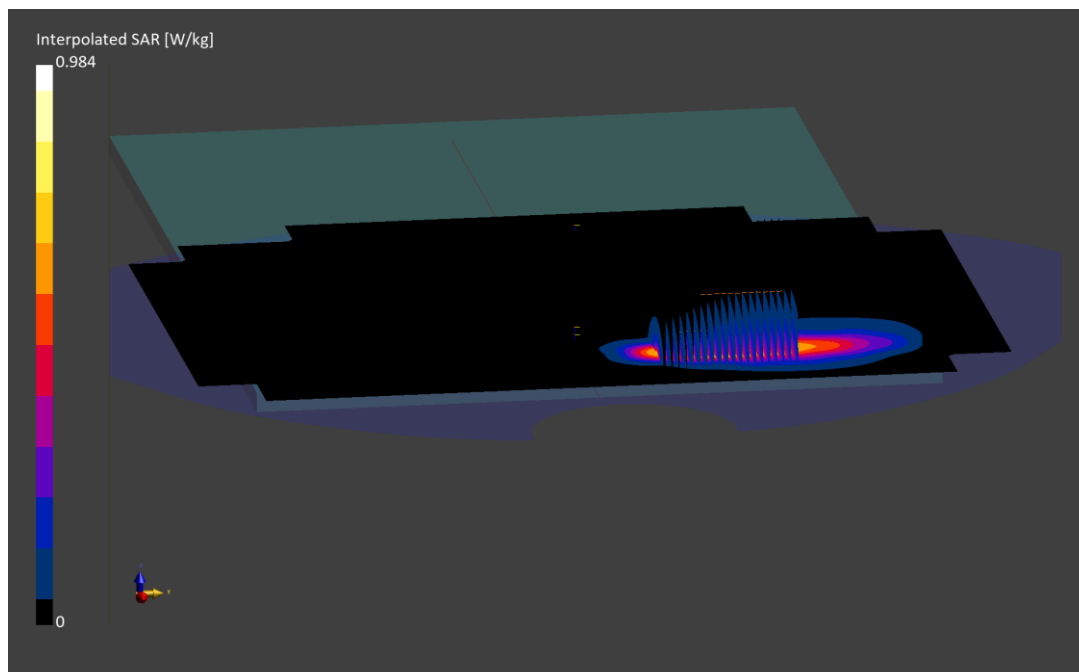
Reference Value = 0.41 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 6.07 W/kg

**SAR(1 g) = 0.724 W/kg**

Smallest distance from peaks to all points 3 dB below is 2.2 mm

Ratio of SAR at M2 to SAR at M1 = 35.8 %



# ELEMENT

**DUT: BCGA2837; Type: Tablet Device; Serial: QK49K**

Communication System: UID:10011 - CAC, WCDMA; MAIA: Y; Frequency: 1752.6 MHz

Medium: 1750 Head; Medium parameters used:

$f = 1752.6 \text{ MHz}$ ;  $\text{cond} = 1.39 \text{ S/m}$ ;  $\text{perm} = 38.5$ ;  $\text{density} = 1000 \text{ kg/m}^3$

Phantom Section: Flat; Space: 0.00 mm

Test Date: 01/14/2024; Ambient Temp: 21.3°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN7639; ConvF:(8.98,8.98,8.98); Calibrated: 2023-11-09

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

Electronics: DAE4 Sn1403; Calibrated: 2023-11-14

Phantom: Twin-SAM V8.0; Serial: 2034

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: UMTS 1750, Antenna 3, Exp: Body| Right Edge, Ch. High**

**Area Scan (40.0 x 300.0):** Measurement grid:  $dx=5.0 \text{ mm}$ ,  $dy=15.0 \text{ mm}$

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

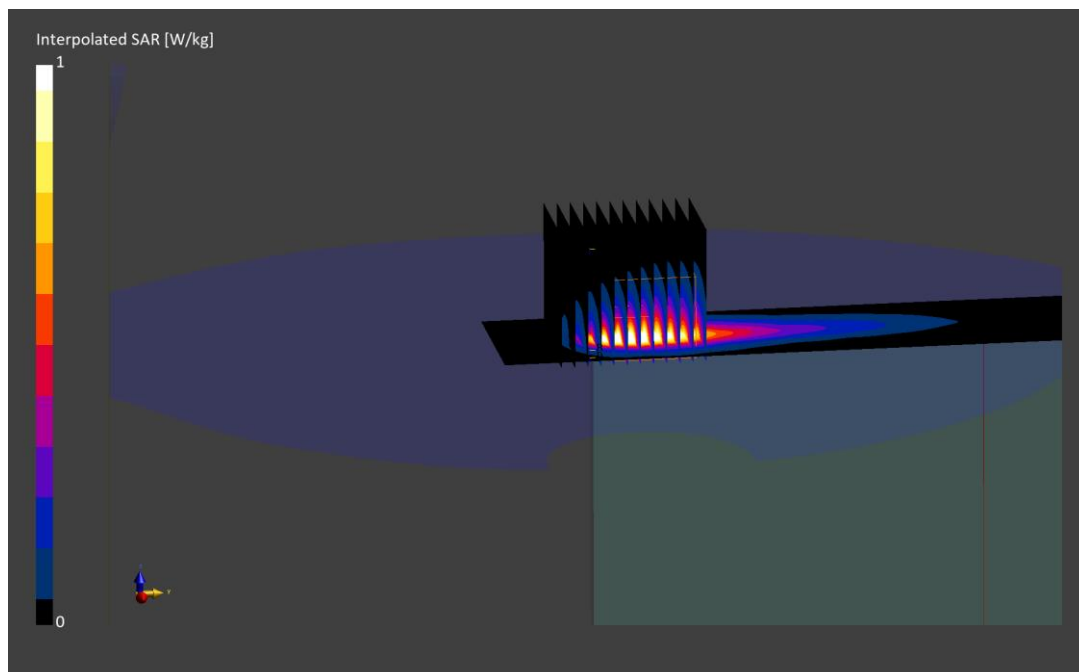
Reference Value =  $0.75 \text{ W/kg}$ ; Power Drift = 0.00 dB

Peak SAR (extrapolated) =  $3.48 \text{ W/kg}$

**SAR(1 g) =  $0.848 \text{ W/kg}$**

Smallest distance from peaks to all points 3 dB below is 4.4 mm

Ratio of SAR at M2 to SAR at M1 = 64.3 %



# ELEMENT

**DUT: BCGA2837; Type: Tablet Device; Serial: F7951**

Communication System: UID:10011 - CAC, WCDMA; MAIA: Y; Frequency: 1880.0 MHz

Medium: 1900 Head; Medium parameters used:

$f = 1880.0$  MHz;  $\text{cond} = 1.38$  S/m;  $\text{perm} = 38.3$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 0.00 mm

Test Date: 01/18/2024; Ambient Temp: 21.7°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7668; ConvF:(8.0,8.0,8.0); Calibrated: 2023-08-10

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

Electronics: DAE4 Sn1681; Calibrated: 2023-09-12

Phantom: Twin-SAM V5.0; Serial: 1692

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: UMTS 1900, Antenna 1, Exp: Body| Back Side, Ch. Mid**

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

**Zoom Scan (32.4 x 32.4 x 30.0):** Measurement grid:  $dx=2.7$  mm,  $dy=2.7$  mm,  $dz=1.5$  mm; Graded Ratio: 1.5

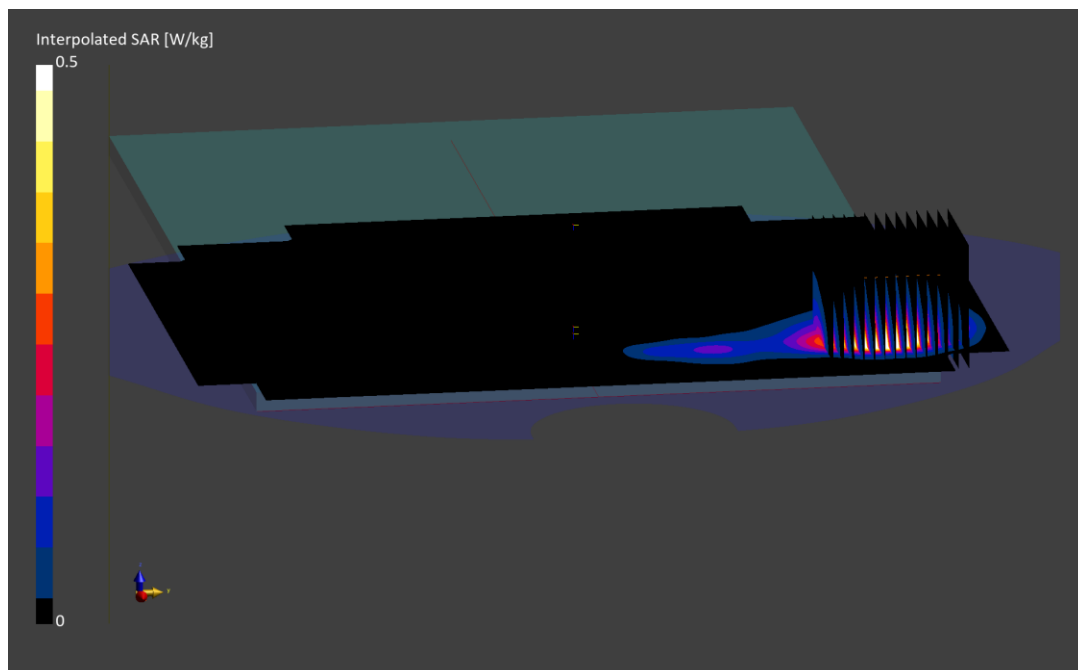
Reference Value = 0.53 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.49 W/kg

**SAR(1 g) = 0.830 W/kg**

Smallest distance from peaks to all points 3 dB below is 3.5 mm

Ratio of SAR at M2 to SAR at M1 = 51.0 %



# ELEMENT

**DUT: BCGA2837; Type: Tablet Device; Serial: W3TJ2**

Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 680.5 MHz

Medium: 750 Head; Medium parameters used:

$f = 680.5 \text{ MHz}$ ;  $\text{cond} = 0.889 \text{ S/m}$ ;  $\text{perm} = 40.9$ ;  $\text{density} = 1000 \text{ kg/m}^3$

Phantom Section: Flat; Space: 0.00 mm

Test Date: 01/12/2024; Ambient Temp: 23.1°C; Tissue Temp: 23.4°C

Probe: EX3DV4 - SN7357; ConvF:(9.9,9.9,9.9); Calibrated: 2023-04-13

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

Electronics: DAE4 Sn1582; Calibrated: 2023-04-14

Phantom: Twin-SAM V8.0; Serial: 1866

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 71, Antenna 3, Exp: Body| Top Edge, Ch. Mid,  
20 MHz Bandwidth, QPSK, 1 RB, 50 RB Offset**

**Area Scan (40.0 x 210.0):** Measurement grid:  $dx=5.0 \text{ mm}$ ,  $dy=15.0 \text{ mm}$

**Zoom Scan (30.0 x 30.0 x 30.0):** Measurement grid:  $dx=2.9 \text{ mm}$ ,  $dy=2.9 \text{ mm}$ ,  $dz=1.2 \text{ mm}$ ; Graded Ratio: 1.2

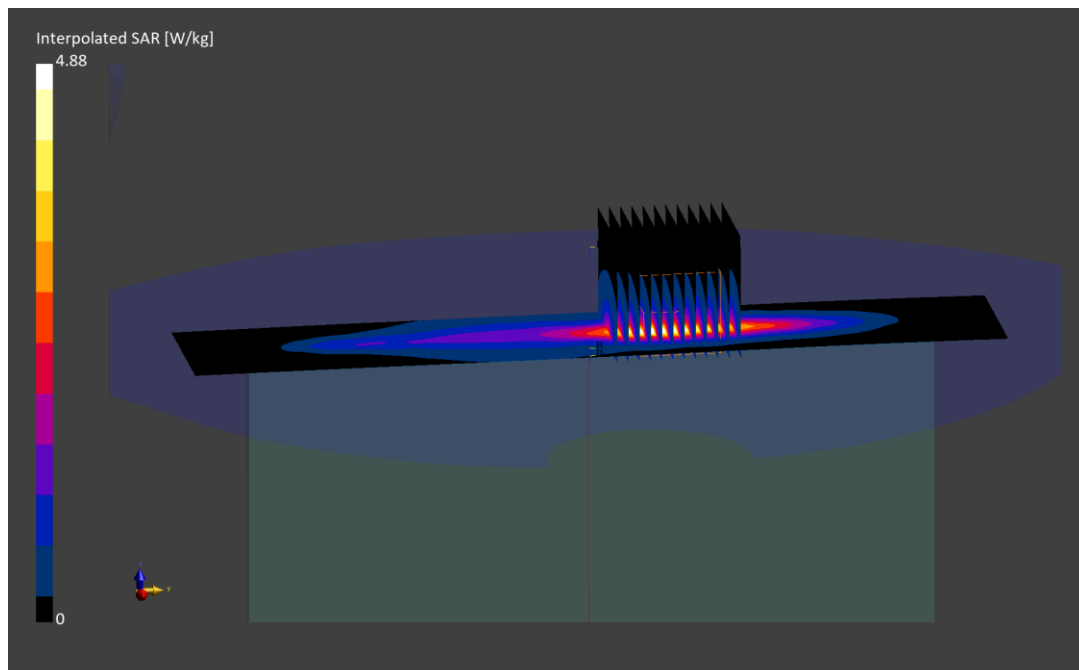
Reference Value = 0.59 W/kg; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 4.88 W/kg

**SAR(1 g) = 0.808 W/kg**

Smallest distance from peaks to all points 3 dB below is 4.1 mm

Ratio of SAR at M2 to SAR at M1 = 53.7 %



# ELEMENT

**DUT: BCGA2837; Type: Tablet Device; Serial: 4R6K6**

Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 707.5 MHz

Medium: 750 Head; Medium parameters used:

$f = 707.5 \text{ MHz}$ ;  $\text{cond} = 0.865 \text{ S/m}$ ;  $\text{perm} = 42.0$ ;  $\text{density} = 1000 \text{ kg/m}^3$

Phantom Section: Flat; Space: 0.00 mm

Test Date: 01/14/2024; Ambient Temp: 22.9°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7357; ConvF:(9.9,9.9,9.9); Calibrated: 2023-04-13

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

Electronics: DAE4 Sn1582; Calibrated: 2023-04-14

Phantom: Twin-SAM V8.0; Serial: 1866

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 12, Antenna 3, Exp: Body| Top Edge, Ch. Mid,  
10 MHz Bandwidth, QPSK, 1 RB, 25 RB Offset**

**Area Scan (40.0 x 210.0):** Measurement grid:  $dx=5.0 \text{ mm}$ ,  $dy=15.0 \text{ mm}$

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

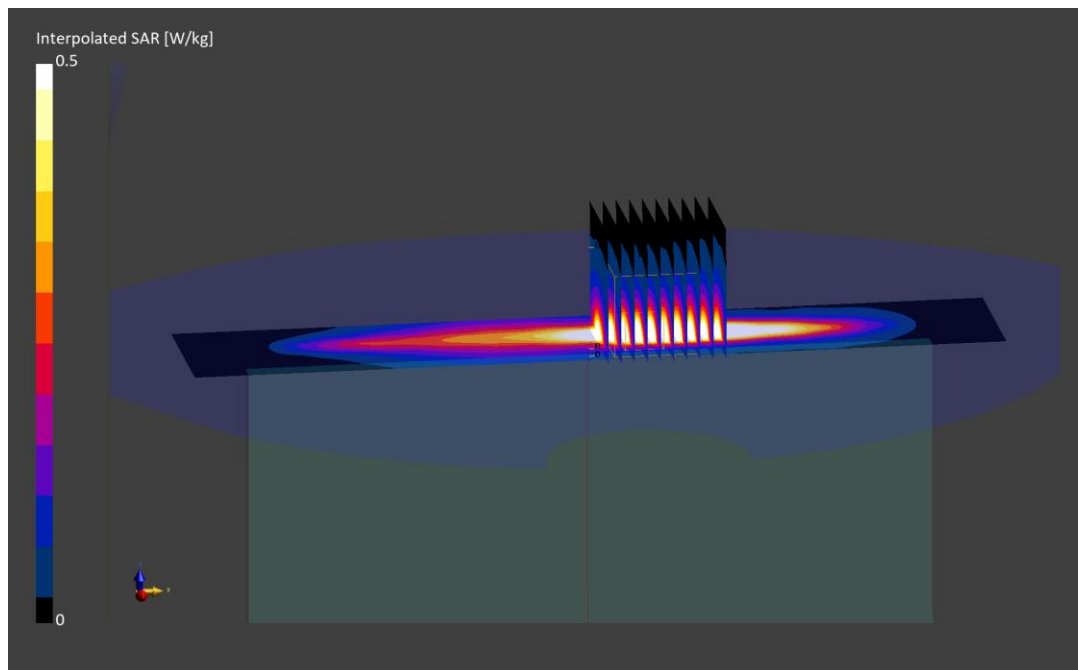
Reference Value = 0.54 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 4.14 W/kg

**SAR(1 g) = 0.801 W/kg**

Smallest distance from peaks to all points 3 dB below is 4.1 mm

Ratio of SAR at M2 to SAR at M1 = 53.0 %



# ELEMENT

**DUT: BCGA2837; Type: Tablet Device; Serial: QK49K**

Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 782.000 MHz

Medium: 750 Head; Medium parameters used:

$f = 782.000$  MHz;  $\text{cond} = 0.889$  S/m;  $\text{perm} = 41.8$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 0.00 mm

Test Date: 02/09/2024; Ambient Temp: 20.9°C; Tissue Temp: 23.5°C

Probe: EX3DV4 - SN7357; ConvF:(9.9,9.9,9.9); Calibrated: 2023-04-13

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

Electronics: DAE4 Sn1582; Calibrated: 2023-04-14

Phantom: Twin-SAM V8.0; Serial: 1866

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 13, Antenna 1, Exp: Body| Bottom Edge, Ch. Mid,  
10 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

**Area Scan (40.0 x 210.0):** Measurement grid:  $dx=5.0$  mm,  $dy=15.0$  mm

**Zoom Scan (30.0 x 30.0 x 30.0):** Measurement grid:  $dx=2.6$  mm,  $dy=2.6$  mm,  $dz=1.2$  mm; Graded Ratio: 1.2

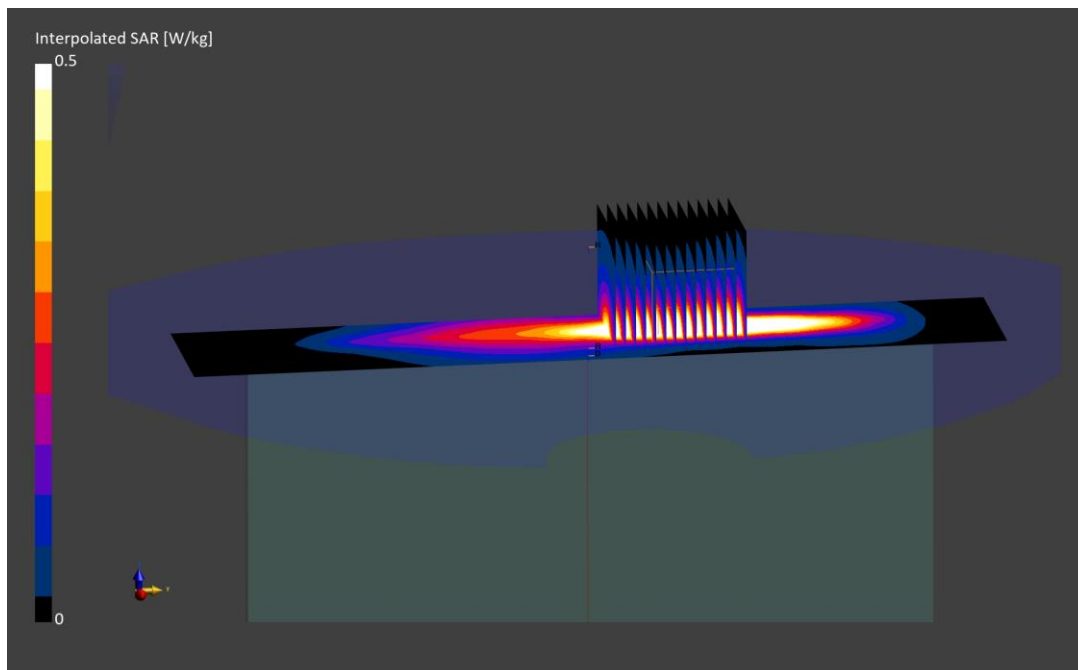
Reference Value = 0.52 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 4.95 W/kg

**SAR(1 g) = 0.838 W/kg**

Smallest distance from peaks to all points 3 dB below is 4.2 mm

Ratio of SAR at M2 to SAR at M1 = 56.1 %



# ELEMENT

**DUT: BCGA2837; Type: Tablet Device; Serial: QK49K**

Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 793.0 MHz

Medium: 750 Head; Medium parameters used:

$f = 793.0$  MHz;  $\text{cond} = 0.893$  S/m;  $\text{perm} = 41.8$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 0.00 mm

Test Date: 01/16/2024; Ambient Temp: 21.1°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN3949; ConvF:(10.55,10.55,10.55); Calibrated: 2023-10-02

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

Electronics: DAE4 Sn1684; Calibrated: 2023-09-12

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 14, Antenna 1, Exp: Body| Bottom Edge, Ch. Mid,  
10 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

**Area Scan (40.0 x 210.0):** Measurement grid:  $dx=5.0$  mm,  $dy=15.0$  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

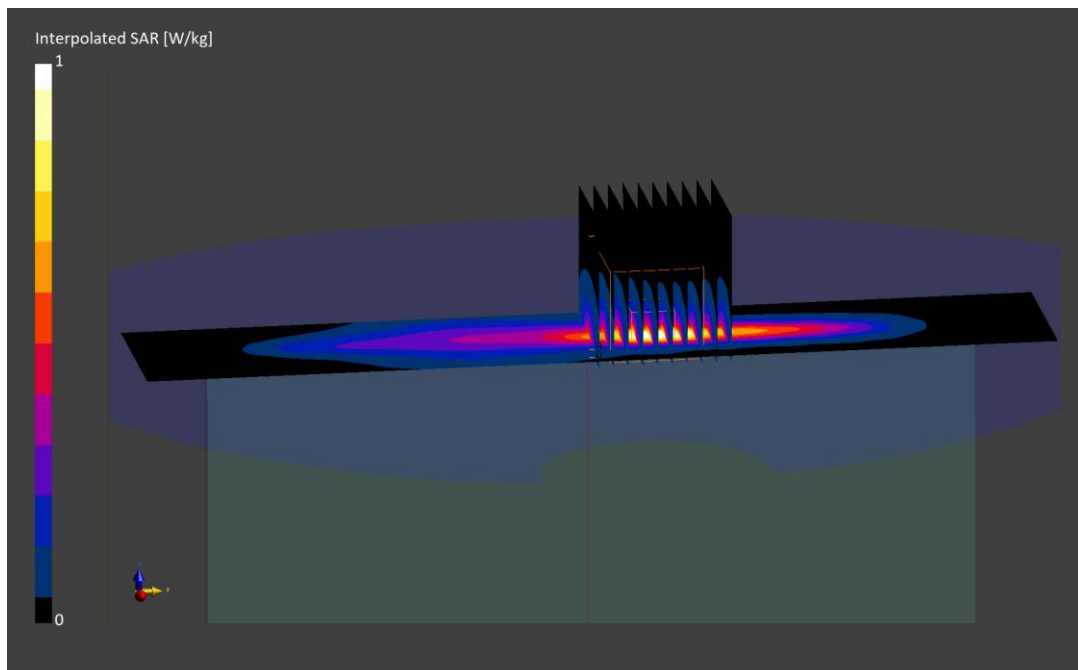
Reference Value = 0.37 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.79 W/kg

**SAR(1 g) = 0.707 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 = 49.5 %



# ELEMENT

**DUT: BCGA2837; Type: Tablet Device; Serial: 9GLW0**

Communication System: UID:10154 - CAH, LTE-FDD; MAIA: Y; Frequency: 819.0 MHz

Medium: 835 Head; Medium parameters used:

$f = 819.0$  MHz;  $\text{cond} = 0.889$  S/m;  $\text{perm} = 41.0$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 0.00 mm

Test Date: 01/18/2024; Ambient Temp: 20.5°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7416; ConvF:(9.73,9.73,9.73); Calibrated: 2023-05-08

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

Electronics: DAE4 Sn701; Calibrated: 2023-05-11

Phantom: Twin-SAM V8.0; Serial: 2029

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 26, Antenna 1, Exp: Body| Back Side, Ch. Low,  
10 MHz Bandwidth, QPSK, 25 RB, 12 RB Offset**

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

**Zoom Scan (30.0 x 30.0 x 30.0):** Measurement grid:  $dx=2.2$  mm,  $dy=2.2$  mm,  $dz=1.2$  mm; Graded Ratio: 1.2

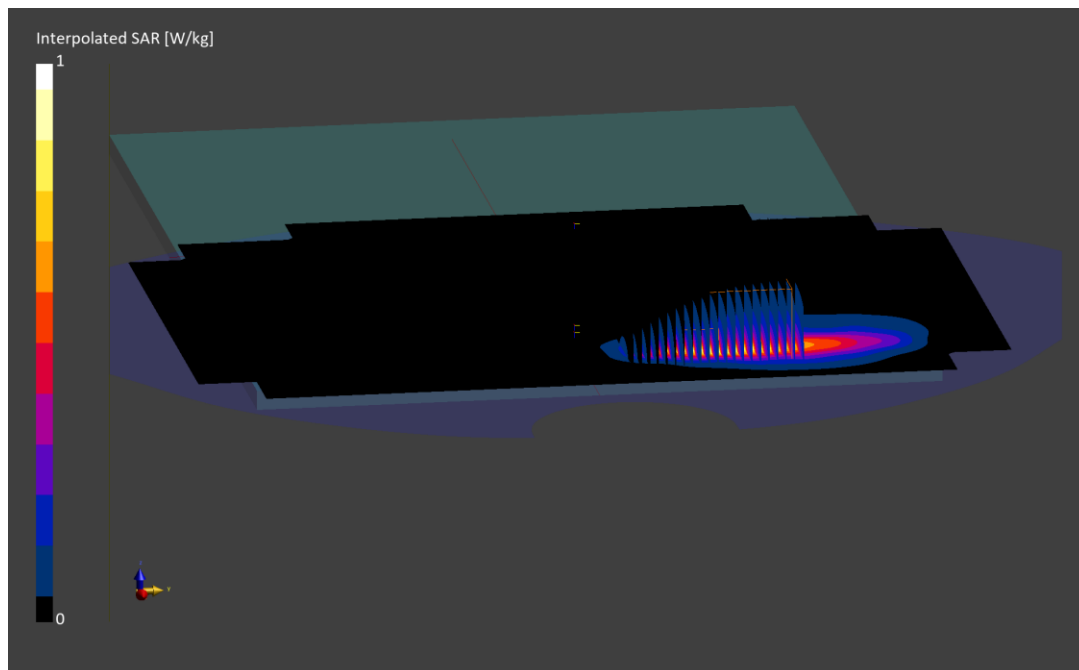
Reference Value = 0.47 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 6.66 W/kg

**SAR(1 g) = 0.750 W/kg**

Smallest distance from peaks to all points 3 dB below is 2.7 mm

Ratio of SAR at M2 to SAR at M1 = 43.2 %



# ELEMENT

**DUT: BCGA2837; Type: Tablet Device; Serial: W3TJ2**

Communication System: UID:10108 - CAH, LTE-FDD; MAIA: Y; Frequency: 836.5 MHz

Medium: 835 Head; Medium parameters used:

$f = 836.5$  MHz;  $\text{cond} = 0.900$  S/m;  $\text{perm} = 41.2$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 0.00 mm

Test Date: 01/20/2024; Ambient Temp: 22.3°C; Tissue Temp: 19.7°C

Probe: EX3DV4 - SN7416; ConvF:(9.73,9.73,9.73); Calibrated: 2023-05-08

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

Electronics: DAE4 Sn701; Calibrated: 2023-05-11

Phantom: Twin-SAM V8.0; Serial: 2029

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 5, Antenna 3, Exp: Body| Top Edge, Ch. Mid,  
10 MHz Bandwidth, QPSK, 50 RB, 0 RB Offset**

**Area Scan (40.0 x 210.0):** Measurement grid:  $dx=5.0$  mm,  $dy=15.0$  mm

**Zoom Scan (30.0 x 30.0 x 30.0):** Measurement grid:  $dx=2.6$  mm,  $dy=2.6$  mm,  $dz=1.2$  mm; Graded Ratio: 1.2

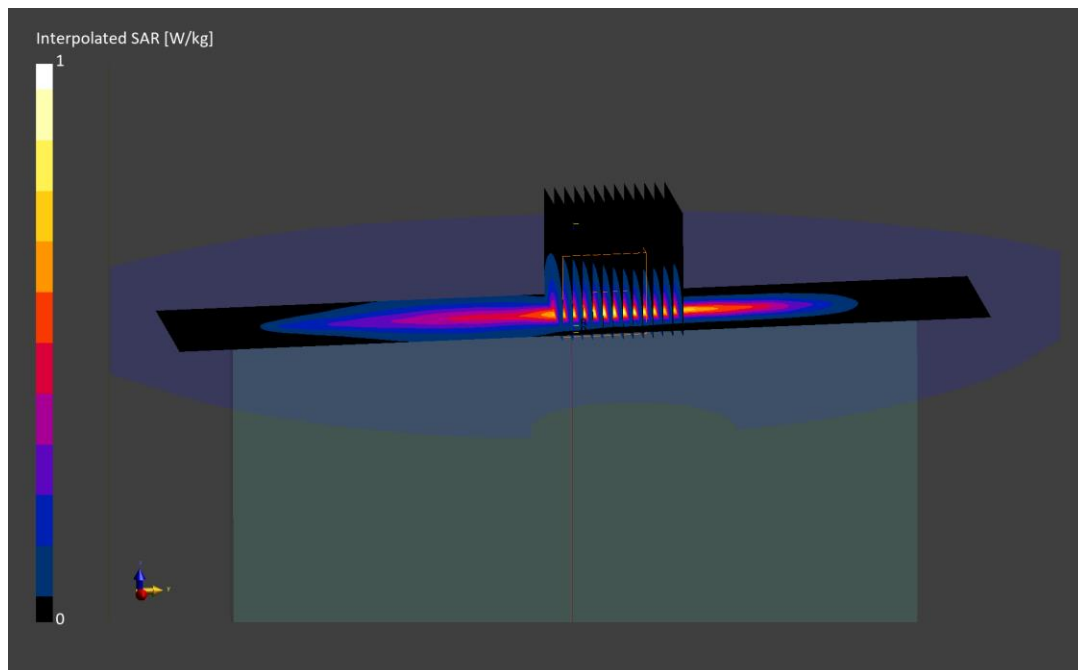
Reference Value = 0.49 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 4.24 W/kg

**SAR(1 g) = 0.698 W/kg**

Smallest distance from peaks to all points 3 dB below is 4.0 mm

Ratio of SAR at M2 to SAR at M1 = 53.5 %



# ELEMENT

**DUT: BCGA2837; Type: Tablet Device; Serial: F7951**

Communication System: UID:10297 - AAD, LTE-FDD; MAIA: Y; Frequency: 1770.0 MHz

Medium: 1750 Head; Medium parameters used:

$f = 1770.0$  MHz;  $\text{cond} = 1.40$  S/m;  $\text{perm} = 38.7$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 0.00 mm

Test Date: 01/11/2024; Ambient Temp: 22.0°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7360; ConvF:(9.15,9.15,9.15); Calibrated: 2023-03-16

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

Electronics: DAE4 Sn534; Calibrated: 2023-03-15

Phantom: Twin-SAM V4.0; Serial: 1447

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 66, Antenna 1, Exp: Body| Back Side, Ch. High,  
20 MHz Bandwidth, QPSK, 50 RB, 50 RB Offset**

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

**Zoom Scan (30.0 x 30.0 x 30.0):** Measurement grid:  $dx=3.6$  mm,  $dy=3.6$  mm,  $dz=1.4$  mm; Graded Ratio: 1.4

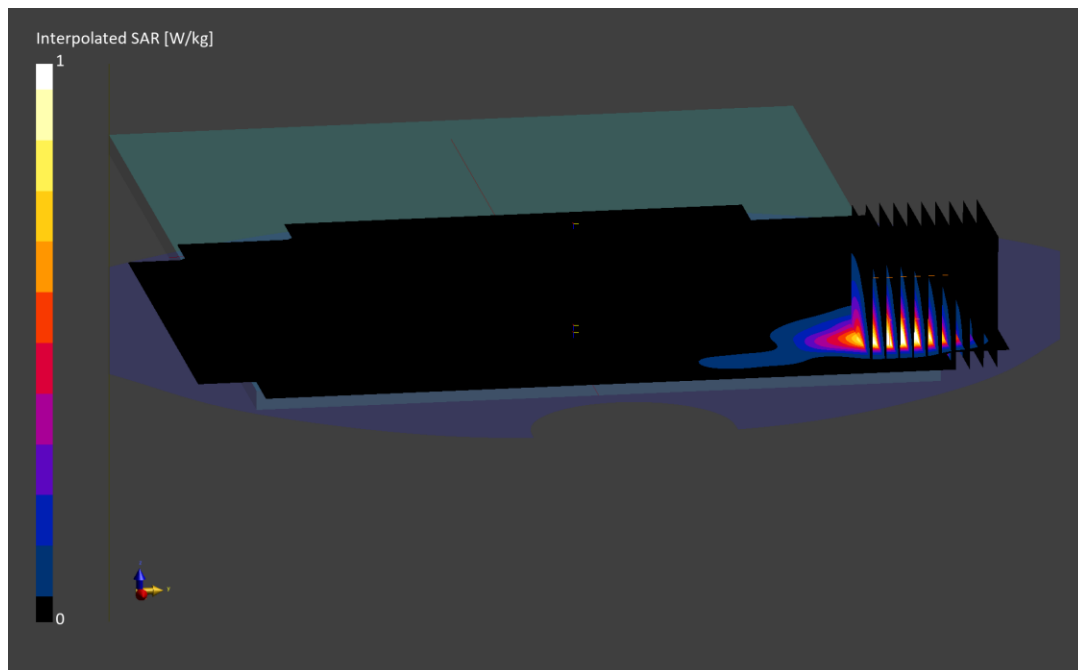
Reference Value = 0.83 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 3.33 W/kg

**SAR(1 g) = 0.956 W/kg**

Smallest distance from peaks to all points 3 dB below is 5.2 mm

Ratio of SAR at M2 to SAR at M1 = 64.5 %



# ELEMENT

**DUT: BCGA2837; Type: Tablet Device; Serial: F7951**

Communication System: UID:10100 - CAF, LTE-FDD; MAIA: Y; Frequency: 1860.0 MHz

Medium: 1900 Head; Medium parameters used:

$f = 1860.0$  MHz;  $\text{cond} = 1.41$  S/m;  $\text{perm} = 38.5$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 0.00 mm

Test Date: 01/16/2024; Ambient Temp: 20.7°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7668; ConvF:(8.0,8.0,8.0); Calibrated: 2023-08-10

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

Electronics: DAE4 Sn1681; Calibrated: 2023-09-12

Phantom: Twin-SAM V5.0; Serial: 1692

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 25, Antenna 1, Exp: Body| Back Side, Ch. Low,  
20 MHz Bandwidth, QPSK, 100 RB, 0 RB Offset**

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

**Zoom Scan (32.2 x 32.2 x 30.0):** Measurement grid:  $dx=2.3$  mm,  $dy=2.3$  mm,  $dz=1.5$  mm; Graded Ratio: 1.5

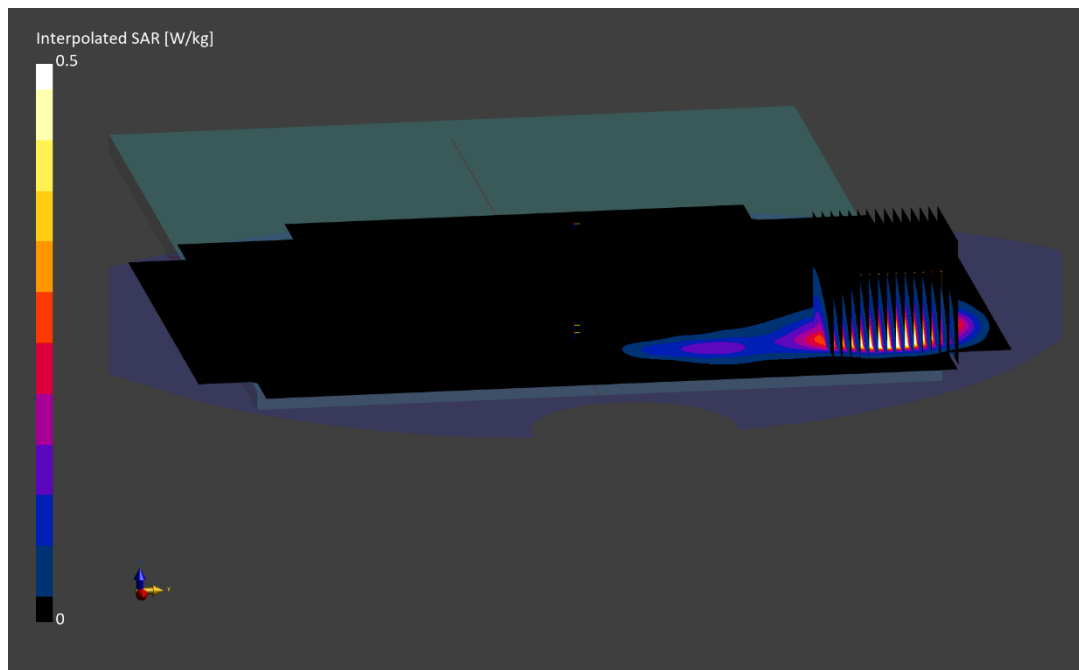
Reference Value = 0.56 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.79 W/kg

**SAR(1 g) = 0.890 W/kg**

Smallest distance from peaks to all points 3 dB below is 3.4 mm

Ratio of SAR at M2 to SAR at M1 = 52.8 %



# ELEMENT

**DUT: BCGA2837; Type: Tablet Device; Serial: 4MG2C**

Communication System: UID:10108 - CAG, LTE-FDD; MAIA: Y; Frequency: 2310.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2310.0$  MHz;  $\text{cond} = 1.66$  S/m;  $\text{perm} = 40.1$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 0.00 mm

Test Date: 01/10/2024; Ambient Temp: 20.8°C; Tissue Temp: 19.1°C

Probe: EX3DV4 - SN7421; ConvF:(7.61,7.61,7.61); Calibrated: 2023-03-16

Sensor-Surface: 1.4mm (All points)

Electronics: DAE4 Sn604; Calibrated: 2023-03-15

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 30, Antenna 3, Exp: Body| Back Side, Ch. Mid,  
10 MHz Bandwidth, QPSK, 50 RB, 0 RB Offset**

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

**Zoom Scan (30.0 x 30.0 x 30.0):** Measurement grid:  $dx=4.2$  mm,  $dy=4.2$  mm,  $dz=1.5$  mm; Graded Ratio: 1.5

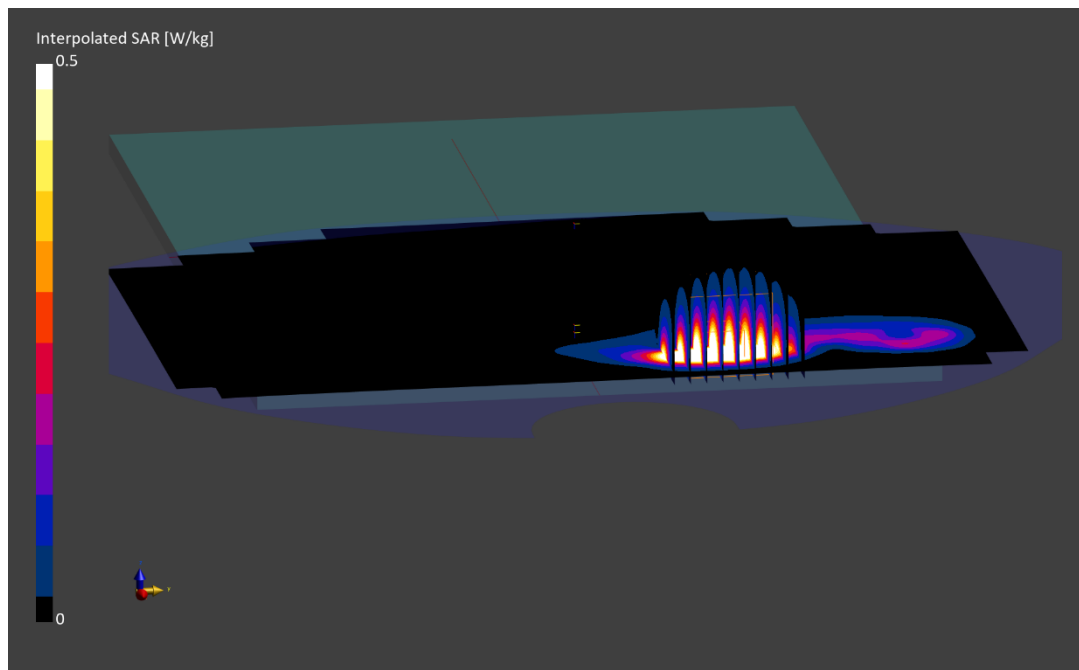
Reference Value = 0.63 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.39 W/kg

**SAR(1 g) = 0.839 W/kg**

Smallest distance from peaks to all points 3 dB below is 4.3 mm

Ratio of SAR at M2 to SAR at M1 = 76.7 %



# ELEMENT

**DUT: BCGA2837; Type: Tablet Device; Serial: WJY6P**

Communication System: UID:10297 - AAD, LTE-FDD; MAIA: Y; Frequency: 2510.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2510.0$  MHz;  $\text{cond} = 1.92$  S/m;  $\text{perm} = 39.7$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 0.00 mm

Test Date: 01/28/2024; Ambient Temp: 21.0°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7546; ConvF:(7.29,7.29,7.29); Calibrated: 2023-04-14

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

Electronics: DAE4 Sn1402; Calibrated: 2023-04-14

Phantom: Twin-SAM V8.0; Serial: 1935

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 7, Antenna 1, Exp: Body| Back Side, Ch. Low,  
20 MHz Bandwidth, QPSK, 50 RB, 25 RB Offset**

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

**Zoom Scan (30.0 x 30.0 x 30.0):** Measurement grid:  $dx=2.6$  mm,  $dy=2.6$  mm,  $dz=1.2$  mm; Graded Ratio: 1.2

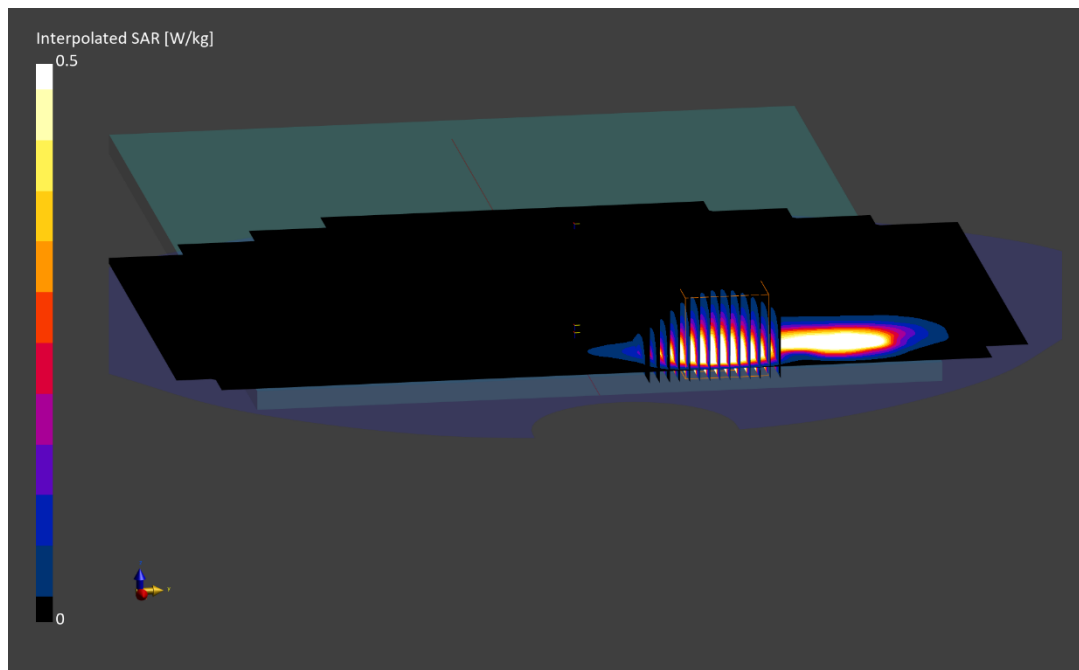
Reference Value = 1.05 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 2.93 W/kg

**SAR(1 g) = 0.816 W/kg**

Smallest distance from peaks to all points 3 dB below is 4.2 mm

Ratio of SAR at M2 to SAR at M1 = 70.7 %



# ELEMENT

**DUT: BCGA2837; Type: Tablet Device; Serial: WJY6P**

Communication System: UID:10435 - AAF, LTE-TDD; MAIA: Y; Frequency: 2593.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2593.0$  MHz;  $\text{cond} = 2.00$  S/m;  $\text{perm} = 37.8$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 0.00 mm

Test Date: 01/21/2024; Ambient Temp: 21.5°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7532; ConvF:(7.53,7.53,7.53); Calibrated: 2023-04-18

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

Electronics: DAE4 Sn501; Calibrated: 2023-04-14

Phantom: Twin-SAM V8.0; Serial: 2067

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 41, Antenna 3, Exp: Body| Back Side, Ch. Mid,  
PCC: 20 MHz Bandwidth, QPSK, Ch. 40620, 1 RB, 99 RB Offset;  
SCC: 20 MHz Bandwidth, QPSK, Ch. 40818, 1 RB, 0 RB Offset**

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

**Zoom Scan (30.0 x 30.0 x 30.0):** Measurement grid:  $dx=4.2$  mm,  $dy=4.2$  mm,  $dz=1.5$  mm; Graded Ratio: 1.5

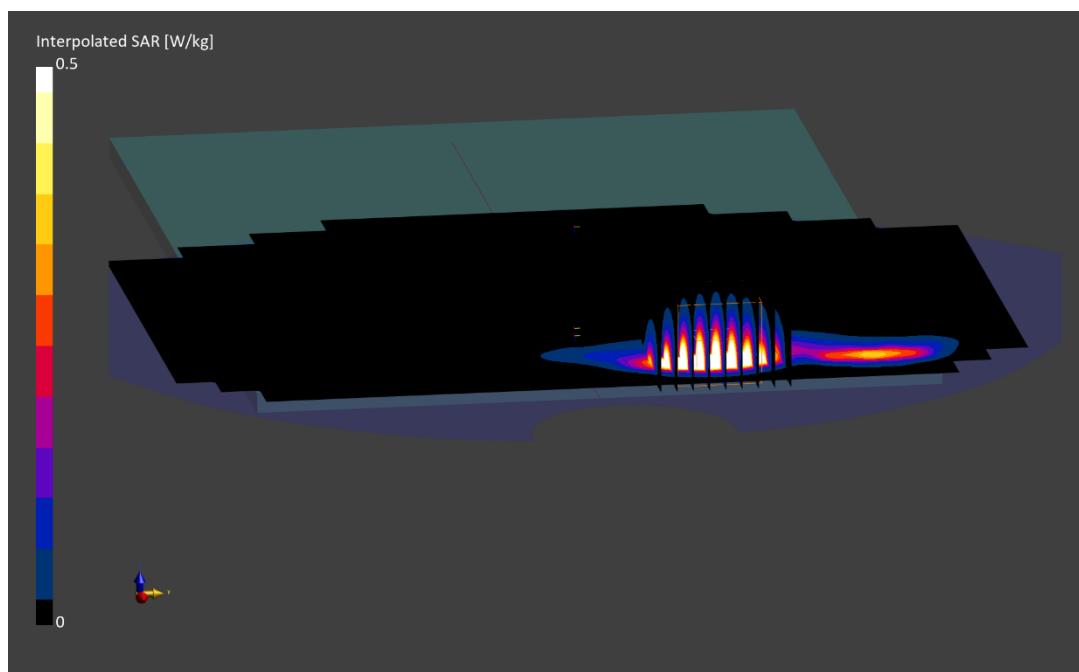
Reference Value = 1.20 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.80 W/kg

**SAR(1 g) = 0.906 W/kg**

Smallest distance from peaks to all points 3 dB below is 4.6 mm

Ratio of SAR at M2 to SAR at M1 = 72.9 %



# ELEMENT

**DUT: BCGA2837; Type: Tablet Device; Serial: HGM6C**

Communication System: UID:10494 - AAG, LTE-TDD; MAIA: Y; Frequency: 3560.0 MHz

Medium: 3600 Head; Medium parameters used:

$f = 3560.0$  MHz;  $\text{cond} = 3.09$  S/m;  $\text{perm} = 36.4$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 0.00 mm

Test Date: 01/28/2024; Ambient Temp: 21.6°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN7782; ConvF:(6.19,6.19,6.19); Calibrated: 2023-09-12

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

Electronics: DAE4 Sn1646; Calibrated: 2023-09-08

Phantom: Twin-SAM V8.0; Serial: 1944

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 48, Antenna 2b, Exp: Body| Bottom Edge, Ch. Low,  
20 MHz Bandwidth, QPSK, 50 RB, 25 RB Offset**

**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 28.0):** Measurement grid:  $dx=2.6$  mm,  $dy=2.6$  mm,  $dz=1.2$  mm; Graded Ratio: 1.2

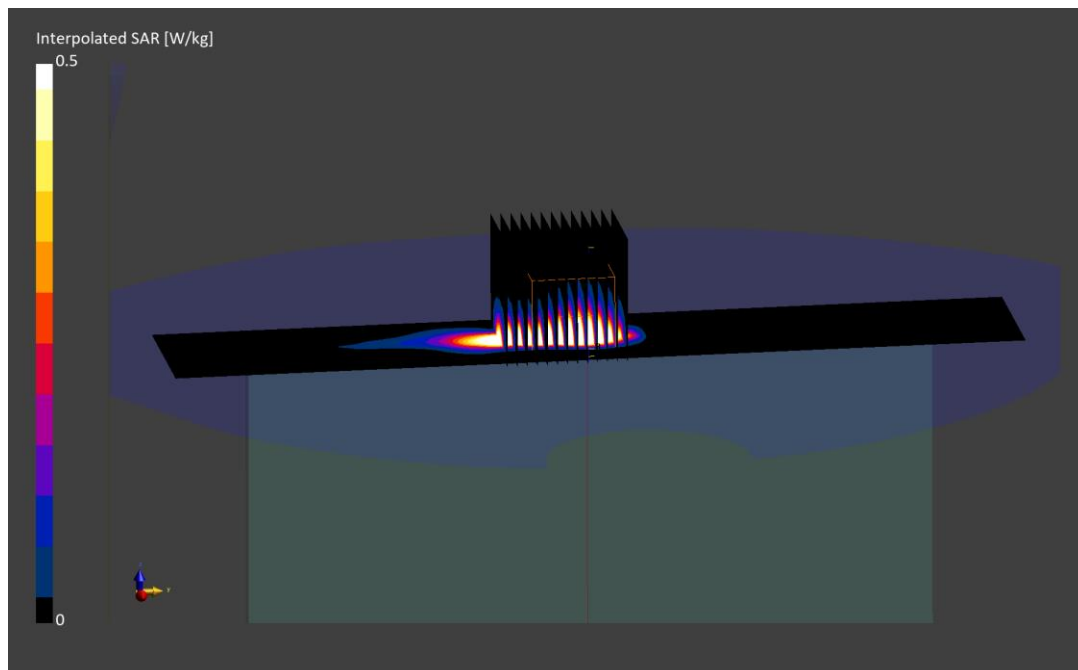
Reference Value = 0.72 W/kg; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 4.20 W/kg

**SAR(1 g) = 0.821 W/kg**

Smallest distance from peaks to all points 3 dB below is 3.7 mm

Ratio of SAR at M2 to SAR at M1 = 56.1 %



# ELEMENT

**DUT: BCGA2837; Type: Tablet Device; Serial: W3TJ2**

Communication System: UID:10939 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 680.5 MHz

Medium: 750 Head; Medium parameters used:

$f = 680.5 \text{ MHz}$ ;  $\text{cond} = 0.856 \text{ S/m}$ ;  $\text{perm} = 40.4$ ;  $\text{density} = 1000 \text{ kg/m}^3$

Phantom Section: Flat; Space: 0.00 mm

Test Date: 01/16/2024; Ambient Temp: 21.5°C; Tissue Temp: 23.4°C

Probe: EX3DV4 - SN7357; ConvF:(9.9,9.9,9.9); Calibrated: 2023-04-13

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

Electronics: DAE4 Sn1582; Calibrated: 2023-04-14

Phantom: Twin-SAM V8.0; Serial: 1866

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n71, Antenna 3, Exp: Body| Top Edge, Ch. 136100,  
20 MHz Bandwidth, DFT-s-OFDM QPSK, 50 RB, 0 RB Offset**

**Area Scan (40.0 x 210.0):** Measurement grid:  $dx=5.0 \text{ mm}$ ,  $dy=15.0 \text{ mm}$

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

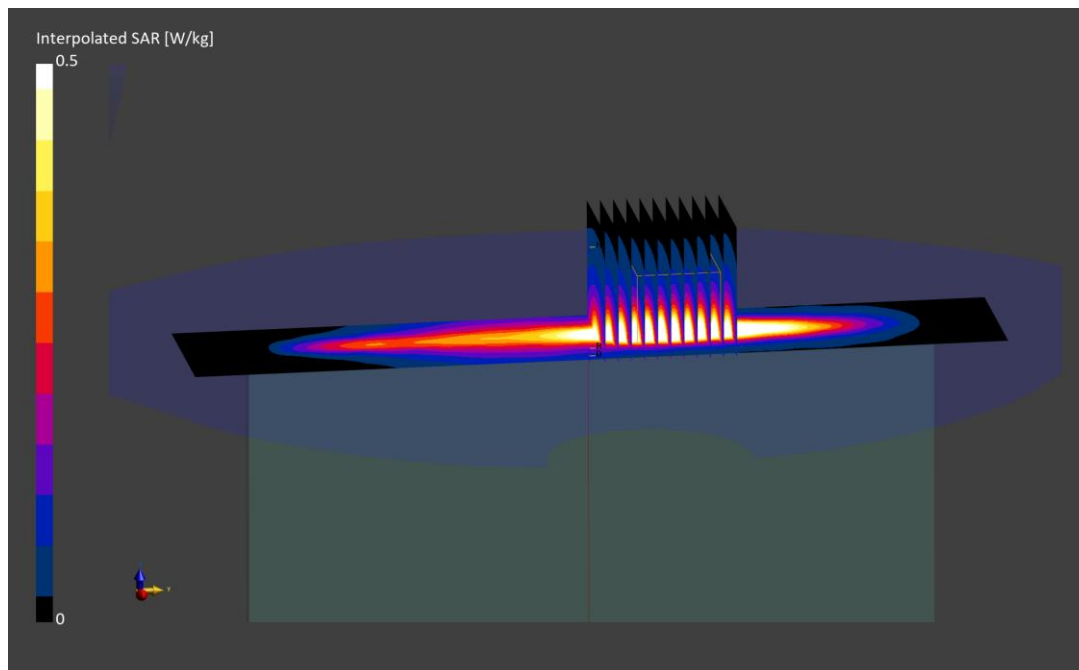
Reference Value = 0.56 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 4.38 W/kg

**SAR(1 g) = 0.847 W/kg**

Smallest distance from peaks to all points 3 dB below is 4.4 mm

Ratio of SAR at M2 to SAR at M1 = 54.9 %



# ELEMENT

**DUT: BCGA2837; Type: Tablet Device; Serial: W3TJ2**

Communication System: UID:10938 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 707.5 MHz

Medium: 750 Head; Medium parameters used:

$f = 707.5 \text{ MHz}$ ;  $\text{cond} = 0.865 \text{ S/m}$ ;  $\text{perm} = 40.3$ ;  $\text{density} = 1000 \text{ kg/m}^3$

Phantom Section: Flat; Space: 0.00 mm

Test Date: 01/16/2024; Ambient Temp: 21.5°C; Tissue Temp: 23.4°C

Probe: EX3DV4 - SN7357; ConvF:(9.9,9.9,9.9); Calibrated: 2023-04-13

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

Electronics: DAE4 Sn1582; Calibrated: 2023-04-14

Phantom: Twin-SAM V8.0; Serial: 1866

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n12, Antenna 3, Exp: Body| Top Edge, Ch. 141500,  
15 MHz Bandwidth, DFT-s-OFDM QPSK, 36 RB, 0 RB Offset**

**Area Scan (36.0 x 208.0):** Measurement grid:  $dx=6.0 \text{ mm}$ ,  $dy=8.0 \text{ mm}$

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

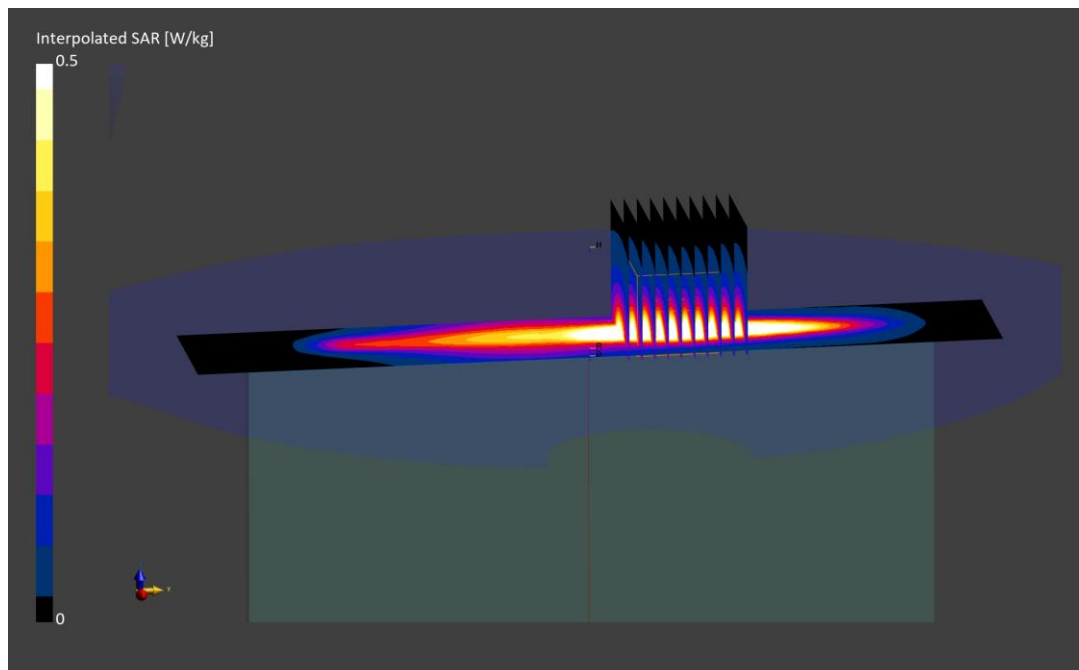
Reference Value = 0.52 W/kg; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 4.15 W/kg

**SAR(1 g) = 0.784 W/kg**

Smallest distance from peaks to all points 3 dB below is 4.1 mm

Ratio of SAR at M2 to SAR at M1 = 51.5 %



# ELEMENT

**DUT: BCGA2837; Type: Tablet Device; Serial: QK49K**

Communication System: UID:10929 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 793.0 MHz

Medium: 750 Head; Medium parameters used:

$f = 793.0 \text{ MHz}$ ;  $\text{cond} = 0.885 \text{ S/m}$ ;  $\text{perm} = 43.1$ ;  $\text{density} = 1000 \text{ kg/m}^3$

Phantom Section: Flat; Space: 0.00 mm

Test Date: 01/12/2024; Ambient Temp: 21.2°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN3949; ConvF:(10.55,10.55,10.55); Calibrated: 2023-10-02

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

Electronics: DAE4 Sn1684; Calibrated: 2023-09-12

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n14, Antenna 1, Exp: Body| Bottom Edge, Ch. 158600,  
10 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 1 RB Offset**

**Area Scan (40.0 x 210.0):** Measurement grid:  $dx=5.0 \text{ mm}$ ,  $dy=15.0 \text{ mm}$

**Zoom Scan (30.0 x 30.0 x 30.0):** Measurement grid:  $dx=2.6 \text{ mm}$ ,  $dy=2.6 \text{ mm}$ ,  $dz=1.2 \text{ mm}$ ; Graded Ratio: 1.2

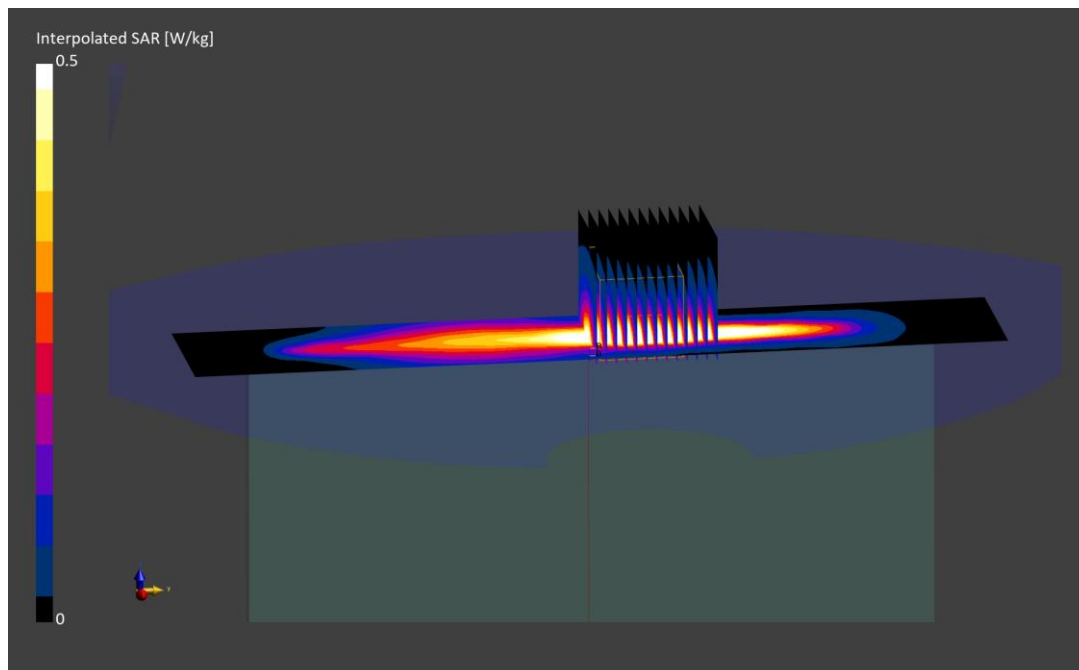
Reference Value = 0.37 W/kg; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 4.86 W/kg

**SAR(1 g) = 0.790 W/kg**

Smallest distance from peaks to all points 3 dB below is 4.2 mm

Ratio of SAR at M2 to SAR at M1 = 53.5 %



# ELEMENT

**DUT: BCGA2837; Type: Tablet Device; Serial: W3TJ2**

Communication System: UID:10939 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 831.5 MHz

Medium: 835 Head; Medium parameters used:

$f = 831.5 \text{ MHz}$ ;  $\text{cond} = 0.899 \text{ S/m}$ ;  $\text{perm} = 41.4$ ;  $\text{density} = 1000 \text{ kg/m}^3$

Phantom Section: Flat; Space: 0.00 mm

Test Date: 01/21/2024; Ambient Temp: 21.2°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7416; ConvF:(9.73,9.73,9.73); Calibrated: 2023-05-08

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

Electronics: DAE4 Sn701; Calibrated: 2023-05-11

Phantom: Twin-SAM V8.0; Serial: 2029

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n26, Antenna 3, Exp: Body| Top Edge, Ch. 166300,  
20 MHz Bandwidth, DFT-s-OFDM QPSK, 50 RB, 0 RB Offset**

**Area Scan (40.0 x 210.0):** Measurement grid:  $dx=5.0 \text{ mm}$ ,  $dy=15.0 \text{ mm}$

**Zoom Scan (30.0 x 30.0 x 30.0):** Measurement grid:  $dx=2.6 \text{ mm}$ ,  $dy=2.6 \text{ mm}$ ,  $dz=1.2 \text{ mm}$ ; Graded Ratio: 1.2

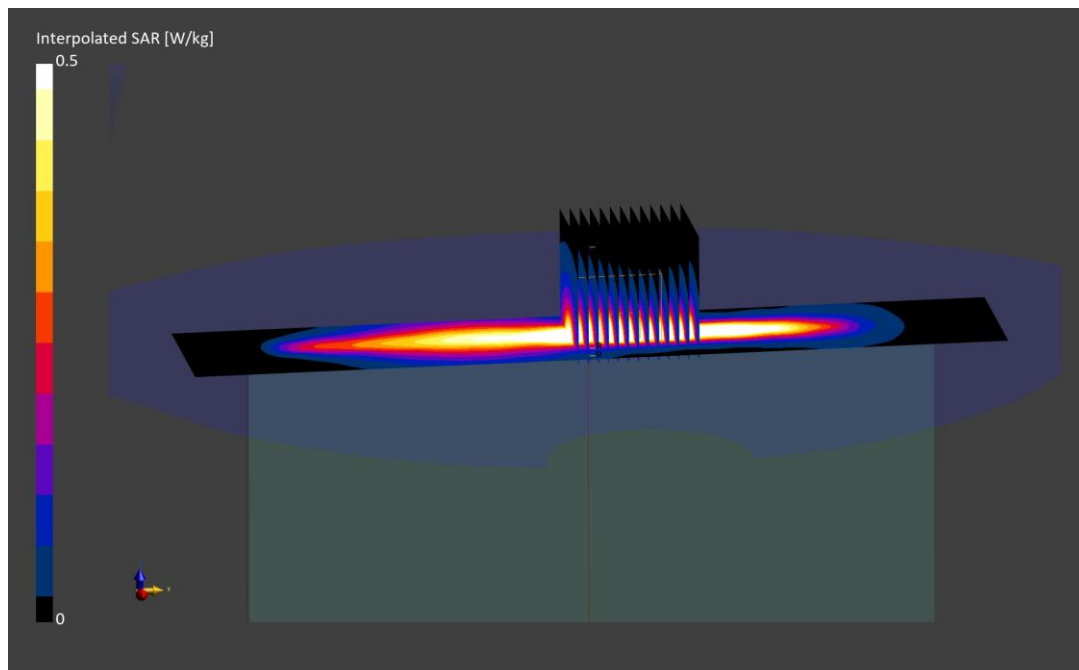
Reference Value = 0.53 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 4.72 W/kg

**SAR(1 g) = 0.764 W/kg**

Smallest distance from peaks to all points 3 dB below is 4.0 mm

Ratio of SAR at M2 to SAR at M1 = 52.9 %



# ELEMENT

**DUT: BCGA2837; Type: Tablet Device; Serial: 9GLW0**

Communication System: UID:10770 - AAD, CW; MAIA: Y; Frequency: 836.5 MHz  
Medium: 835 Head; Medium parameters used:  
 $f = 836.5 \text{ MHz}$ ;  $\text{cond} = 0.888 \text{ S/m}$ ;  $\text{perm} = 40.5$ ;  $\text{density} = 1000 \text{ kg/m}^3$   
Phantom Section: Flat; Space: 0.00 mm

Test Date: 01/16/2024; Ambient Temp: 20.6°C; Tissue Temp: 19.4°C

Probe: EX3DV4 - SN7416; ConvF:(9.73,9.73,9.73); Calibrated: 2023-05-08  
Sensor-Surface: 1.4mm (VMS + 6p)  
Electronics: DAE4 Sn701; Calibrated: 2023-05-11  
Phantom: Twin-SAM V8.0; Serial: 2029  
Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n5, Antenna 1, Exp: Body| Back Side, Ch. 167300,  
20 MHz Bandwidth, DFT-s-OFDM, 1 RB, 1 RB Offset**

**Area Scan (210.0 x 300.0):** Measurement grid:  $dx=15.0 \text{ mm}$ ,  $dy=15.0 \text{ mm}$

**Zoom Scan (30.0 x 30.0 x 30.0):** Measurement grid:  $dx=2.2 \text{ mm}$ ,  $dy=2.2 \text{ mm}$ ,  $dz=1.2 \text{ mm}$ ; Graded Ratio: 1.2

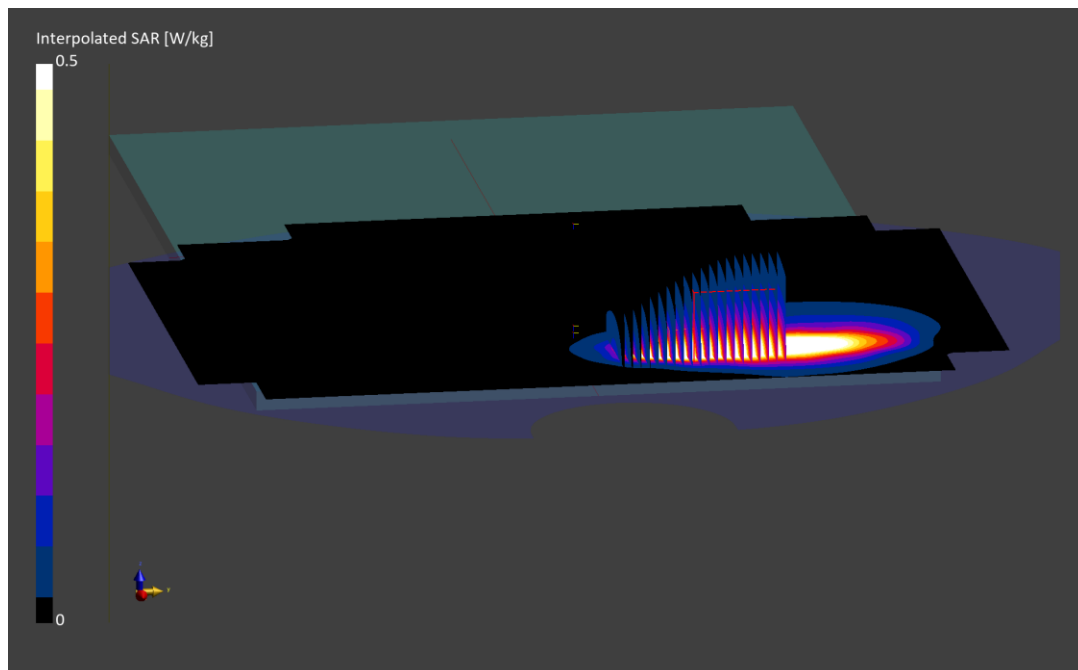
Reference Value = 0.43 W/kg; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 6.96 W/kg

**SAR(1 g) = 0.750 W/kg**

Smallest distance from peaks to all points 3 dB below is 2.7 mm

Ratio of SAR at M2 to SAR at M1 = 42.5 %



# ELEMENT

**DUT: BCGA2837; Type: Tablet Device; Serial: F7951**

Communication System: UID:10930 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1702.5 MHz  
Medium: 1750 Head; Medium parameters used:  
 $f = 1702.5 \text{ MHz}$ ;  $\text{cond} = 1.33 \text{ S/m}$ ;  $\text{perm} = 38.5$ ;  $\text{density} = 1000 \text{ kg/m}^3$   
Phantom Section: Flat; Space: 0.00 mm

Test Date: 01/09/2024; Ambient Temp: 20.3°C; Tissue Temp: 19.3°C

Probe: EX3DV4 - SN7360; ConvF:(9.15,9.15,9.15); Calibrated: 2023-03-16  
Sensor-Surface: 1.4mm (VMS + 6p)  
Electronics: DAE4 Sn534; Calibrated: 2023-03-15  
Phantom: Twin-SAM V4.0; Serial: 1447  
Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n70, Antenna 1, Exp: Body| Back Side, Ch. 340500,  
15 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 77 RB Offset**

**Area Scan (210.0 x 300.0):** Measurement grid:  $dx=15.0 \text{ mm}$ ,  $dy=15.0 \text{ mm}$

**Zoom Scan (30.0 x 30.0 x 30.0):** Measurement grid:  $dx=3.5 \text{ mm}$ ,  $dy=3.5 \text{ mm}$ ,  $dz=1.4 \text{ mm}$ ; Graded Ratio: 1.4

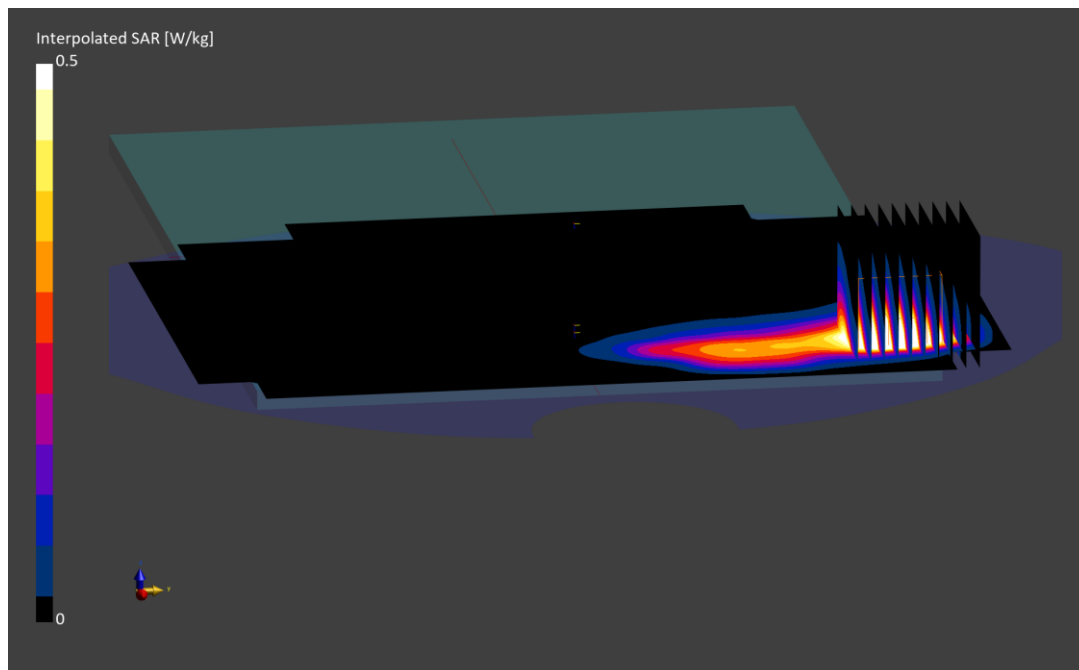
Reference Value = 0.80 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.13 W/kg

**SAR(1 g) = 0.851 W/kg**

Smallest distance from peaks to all points 3 dB below is 5.0 mm

Ratio of SAR at M2 to SAR at M1 = 61.2 %



# ELEMENT

**DUT: BCGA2837; Type: Tablet Device; Serial: F7951**

Communication System: UID:10950 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1745.0 MHz  
Medium: 1750 Head; Medium parameters used:  
 $f = 1745.0$  MHz;  $\text{cond} = 1.37$  S/m;  $\text{perm} = 38.3$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>  
Phantom Section: Flat; Space: 0.00 mm

Test Date: 01/09/2024; Ambient Temp: 20.3°C; Tissue Temp: 19.3°C

Probe: EX3DV4 - SN7360; ConvF:(9.15,9.15,9.15); Calibrated: 2023-03-16  
Sensor-Surface: 1.4mm (VMS + 6p)  
Electronics: DAE4 Sn534; Calibrated: 2023-03-15  
Phantom: Twin-SAM V4.0; Serial: 1447  
Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n66, Antenna 1, Exp: Body| Back Side, Ch. 349000,  
40 MHz Bandwidth, DFT-s-OFDM QPSK, 216 RB, 0 RB Offset**

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

**Zoom Scan (30.0 x 30.0 x 30.0):** Measurement grid:  $dx=3.8$  mm,  $dy=3.8$  mm,  $dz=1.4$  mm; Graded Ratio: 1.4

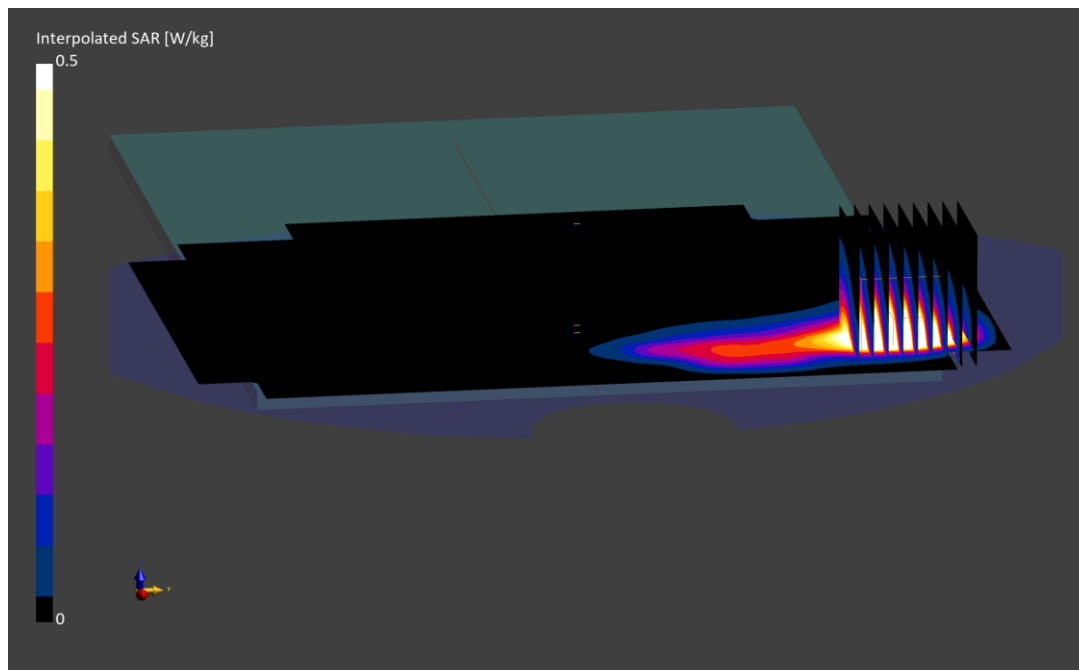
Reference Value = 0.89 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.82 W/kg

**SAR(1 g) = 0.972 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 = 59.1 %



# ELEMENT

**DUT: BCGA2837; Type: Tablet Device; Serial: F7951**

Communication System: UID:10942 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1882.5 MHz  
Medium: 1900 Head; Medium parameters used:  
 $f = 1882.5 \text{ MHz}$ ;  $\text{cond} = 1.40 \text{ S/m}$ ;  $\text{perm} = 38.2$ ;  $\text{density} = 1000 \text{ kg/m}^3$   
Phantom Section: Flat; Space: 0.00 mm

Test Date: 01/12/2024; Ambient Temp: 19.1°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7668; ConvF:(8.0,8.0,8.0); Calibrated: 2023-08-10  
Sensor-Surface: 1.4mm (VMS + 6p)  
Electronics: DAE4 Sn1681; Calibrated: 2023-09-12  
Phantom: Twin-SAM V5.0; Serial: 1692  
Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n25, Antenna 2b, Exp: Body| Back Side, Ch. 376500,  
40 MHz Bandwidth, DFT-s-OFDM QPSK, 108 RB, 54 RB Offset**

**Area Scan (210.0 x 300.0):** Measurement grid:  $dx=15.0 \text{ mm}$ ,  $dy=15.0 \text{ mm}$

**Zoom Scan (33.6 x 33.6 x 30.0):** Measurement grid:  $dx=2.4 \text{ mm}$ ,  $dy=2.4 \text{ mm}$ ,  $dz=1.5 \text{ mm}$ ; Graded Ratio: 1.5

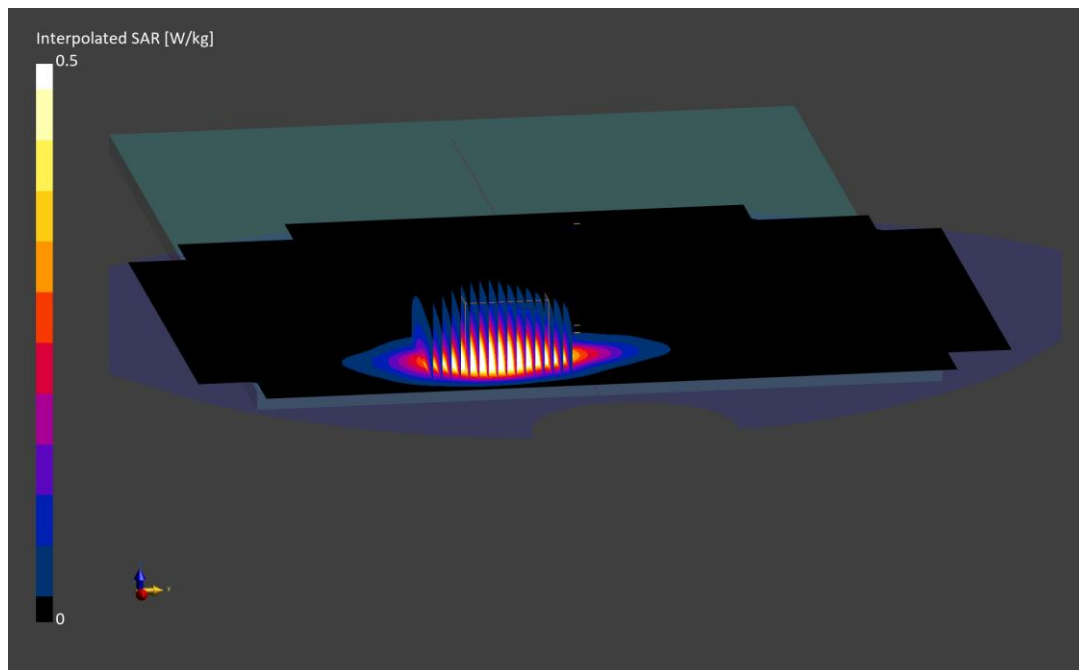
Reference Value = 0.55 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 4.40 W/kg

**SAR(1 g) = 0.894 W/kg**

Smallest distance from peaks to all points 3 dB below is 3.4 mm

Ratio of SAR at M2 to SAR at M1 = 47.7 %



# ELEMENT

**DUT: BCGA2837; Type: Tablet Device; Serial: 3Q4T0**

Communication System: UID:10768 - AAD, CW; MAIA: Y; Frequency: 2310.0 MHz  
Medium: 2450 Head; Medium parameters used:  
 $f = 2310.0$  MHz;  $\text{cond} = 1.65$  S/m;  $\text{perm} = 41.1$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>  
Phantom Section: Flat; Space: 0.00 mm

Test Date: 01/12/2024; Ambient Temp: 20.8°C; Tissue Temp: 19.7°C

Probe: EX3DV4 - SN7421; ConvF:(7.61,7.61,7.61); Calibrated: 2023-03-16  
Sensor-Surface: 1.4mm (VMS + 6p)  
Electronics: DAE4 Sn604; Calibrated: 2023-03-15  
Phantom: Twin-SAM V8.0; Serial: 2070  
Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n30, Antenna 2b, Exp: Body| Back Side, Ch. 462000,  
10 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset**

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

**Zoom Scan (30.0 x 30.0 x 30.0):** Measurement grid:  $dx=2.6$  mm,  $dy=2.6$  mm,  $dz=1.2$  mm; Graded Ratio: 1.2

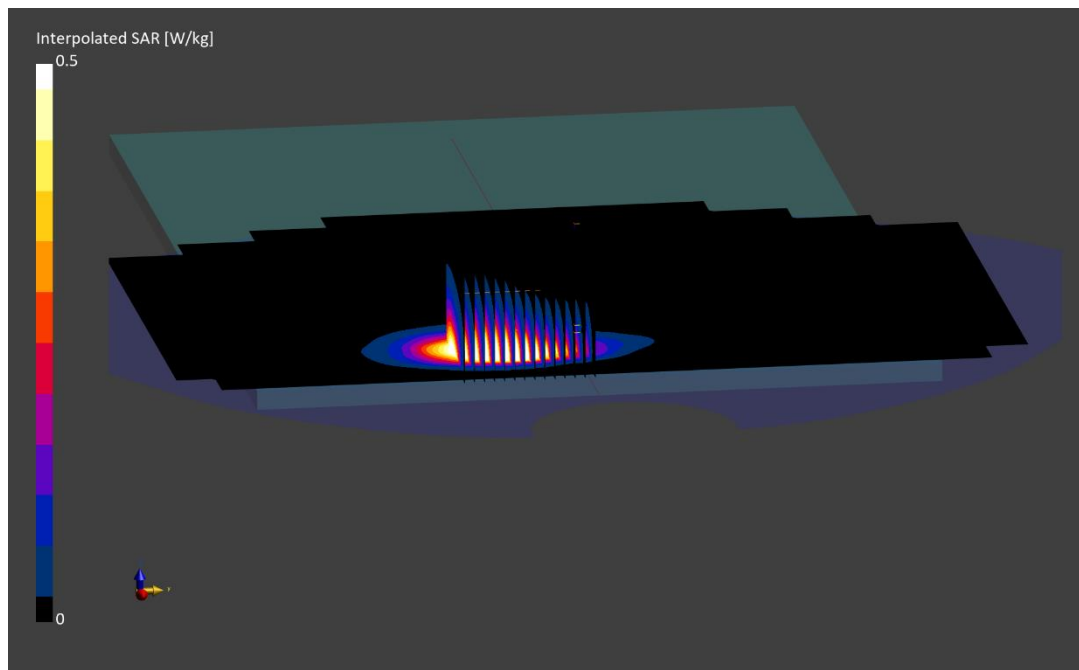
Reference Value = 0.85 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 3.37 W/kg

**SAR(1 g) = 0.783 W/kg**

Smallest distance from peaks to all points 3 dB below is 3.7 mm

Ratio of SAR at M2 to SAR at M1 = 66.5 %



# ELEMENT

**DUT: BCGA2837; Type: Tablet Device; Serial: 2WJ0Q**

Communication System: UID:10934 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 2535.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2535.0$  MHz;  $\text{cond} = 1.96$  S/m;  $\text{perm} = 38.1$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 0.00 mm

Test Date: 01/18/2024; Ambient Temp: 21.1°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7532; ConvF:(7.53,7.53,7.53); Calibrated: 2023-04-18

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

Electronics: DAE4 Sn501; Calibrated: 2023-04-14

Phantom: Twin-SAM V8.0; Serial: 2067

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n7, Antenna 4b, Exp: Body| Top Edge, Ch. 507000,  
40 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 1 RB Offset**

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

**Zoom Scan (30.0 x 30.0 x 30.0):** Measurement grid:  $dx=2.6$  mm,  $dy=2.6$  mm,  $dz=1.2$  mm; Graded Ratio: 1.2

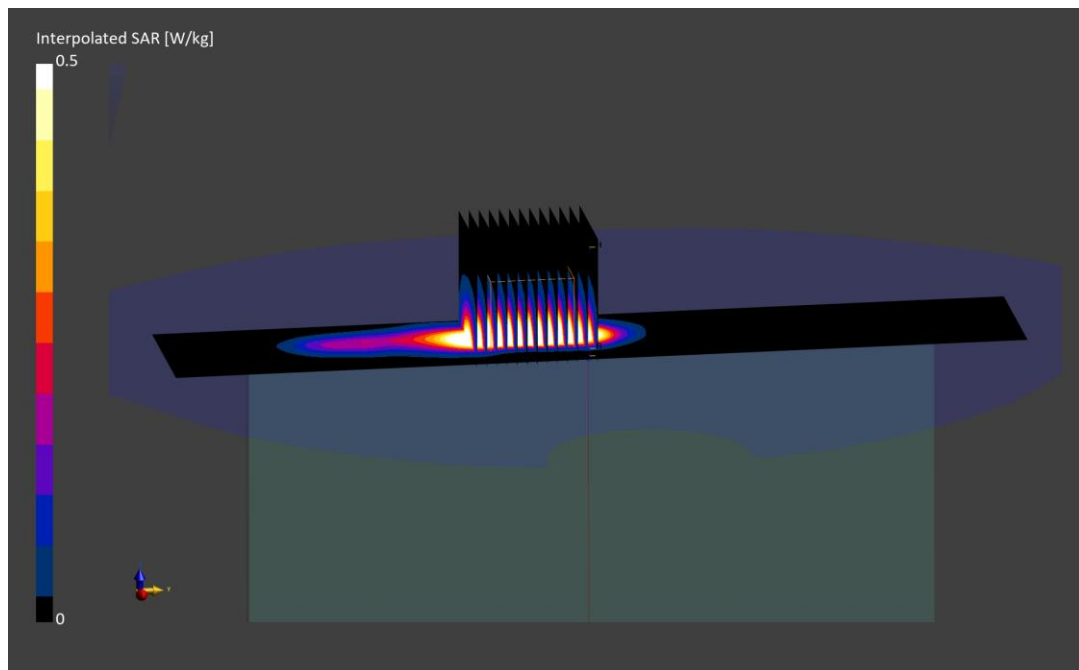
Reference Value = 1.20 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 3.78 W/kg

**SAR(1 g) = 0.863 W/kg**

Smallest distance from peaks to all points 3 dB below is 4.2 mm

Ratio of SAR at M2 to SAR at M1 = 64.9 %



# ELEMENT

**DUT: BCGA2837; Type: Tablet Device; Serial: JCRXN**

Communication System: UID:10917 - AAB, 5G NR FR1 TDD; MAIA: Y; Frequency: 2593.0 MHz  
Medium: 2450 Head; Medium parameters used:  
 $f = 2593.0$  MHz;  $\text{cond} = 2.03$  S/m;  $\text{perm} = 37.8$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>  
Phantom Section: Flat; Space: 0.00 mm

Test Date: 01/18/2024; Ambient Temp: 21.1°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7532; ConvF:(7.53,7.53,7.53); Calibrated: 2023-04-18  
Sensor-Surface: 1.4mm (VMS + 6p)  
Electronics: DAE4 Sn501; Calibrated: 2023-04-14  
Phantom: Twin-SAM V8.0; Serial: 2067  
Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n41, Antenna 3, Exp: Body| Back Side, Ch. 518598,  
100 MHz Bandwidth, DFT-s-OFDM QPSK, 135 RB, 138 RB Offset**

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

**Zoom Scan (34.8 x 34.8 x 30.0):** Measurement grid:  $dx=2.9$  mm,  $dy=2.9$  mm,  $dz=1.5$  mm; Graded Ratio: 1.5

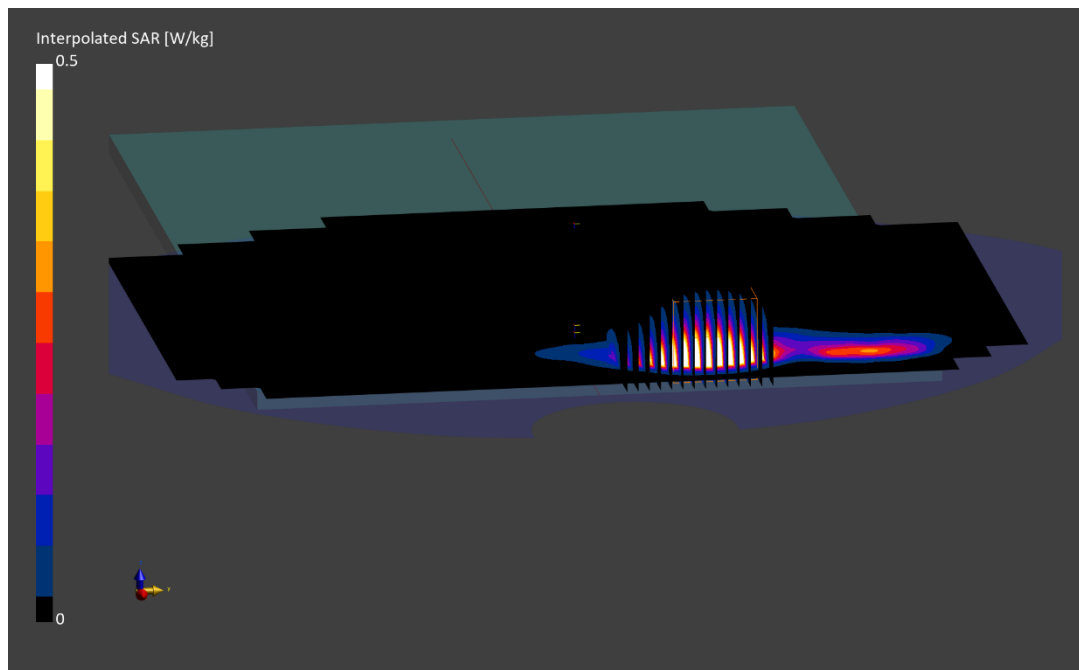
Reference Value = 1.25 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 3.22 W/kg

**SAR(1 g) = 0.946 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 = 64.7 %



# ELEMENT

**DUT: BCGA2837; Type: Tablet Device; Serial: 2T47V**

Communication System: UID:10924 - AAB, 5G NR FR1 TDD; MAIA: Y; Frequency: 3680.0 MHz

Medium: 3600 Head; Medium parameters used:

$f = 3680.0$  MHz;  $\text{cond} = 3.10$  S/m;  $\text{perm} = 38.0$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 0.00 mm

Test Date: 01/14/2024; Ambient Temp: 20.9°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN7638; ConvF:(6.99,6.99,6.99); Calibrated: 2023-03-16

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

Electronics: DAE4 Sn1408; Calibrated: 2023-03-13

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n48, Antenna 3, Exp: Body| Back Side, Ch. 645332,  
40 MHz Bandwidth, DFT-s-OFDM QPSK, 100 RB, 0 RB Offset**

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

**Zoom Scan (28.0 x 28.0 x 28.0):** Measurement grid:  $dx=2.6$  mm,  $dy=2.6$  mm,  $dz=1.2$  mm; Graded Ratio: 1.2

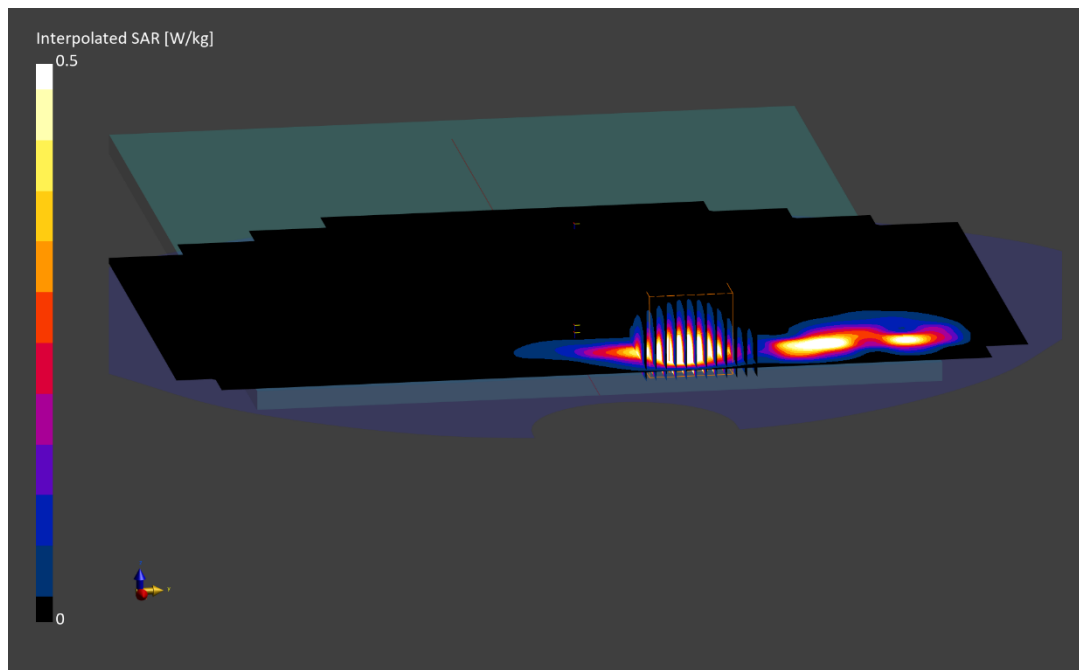
Reference Value = 1.86 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.83 W/kg

**SAR(1 g) = 0.937 W/kg**

Smallest distance from peaks to all points 3 dB below is 4.2 mm

Ratio of SAR at M2 to SAR at M1 = 71.7 %



# ELEMENT

**DUT: BCGA2837; Type: Tablet Device; Serial: 302LK**

Communication System: UID:10803 - AAD, CW; MAIA: Y; Frequency: 3930.0 MHz  
Medium: 3600 Head; Medium parameters used:  
f = 3930.0 MHz; cond = 3.35 S/m; perm = 37.8; density = 1000 kg/m<sup>3</sup>  
Phantom Section: Flat; Space: 0.00 mm

Test Date: 01/28/2024; Ambient Temp: 21.3°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7638; ConvF:(6.92,6.92,6.92); Calibrated: 2023-03-16  
Sensor-Surface: 1.4mm (VMS + 6p)  
Electronics: DAE4 Sn1408; Calibrated: 2023-03-13  
Phantom: Twin-SAM V8.0; Serial: 1357  
Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n77, Antenna 3, Exp: Body| Right Edge, Ch. 633334,  
100 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset**

**Area Scan (48.0 x 280.0):** Measurement grid: dx=8.0 mm, dy=10.0 mm

**Zoom Scan (28.0 x 28.0 x 28.0):** Measurement grid: dx=4.1 mm, dy=4.1 mm, dz=1.4 mm; Graded Ratio: 1.4

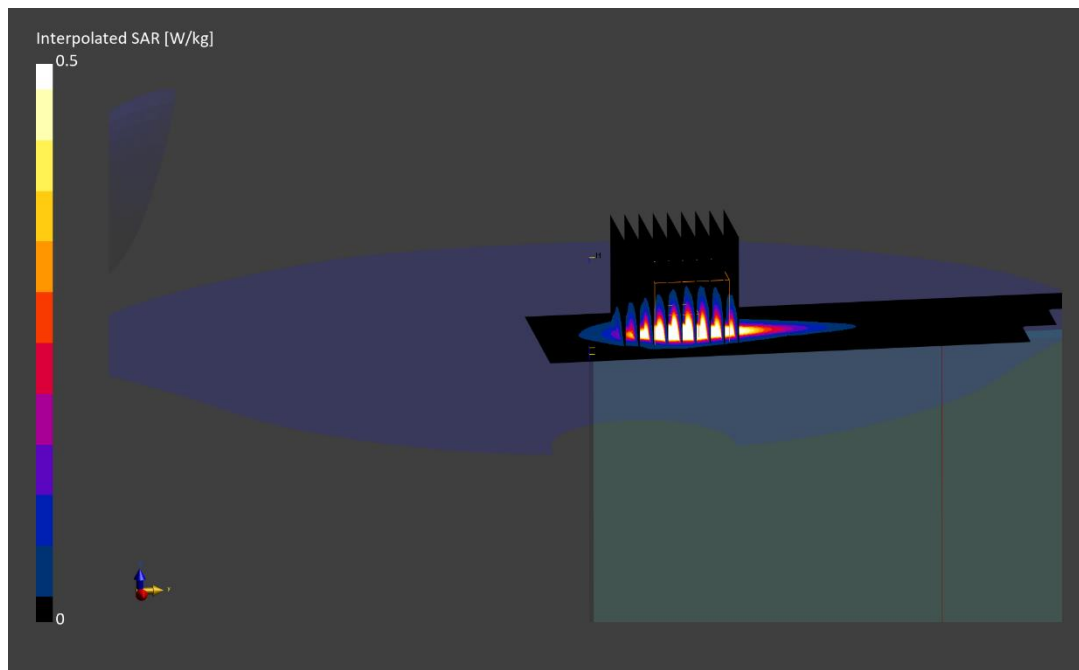
Reference Value = 1.82 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 3.65 W/kg

**SAR(1 g) = 0.858 W/kg**

Smallest distance from peaks to all points 3 dB below is 5.0 mm

Ratio of SAR at M2 to SAR at M1 = 64.6 %



# ELEMENT

**DUT: BCGA2837; Type: Tablet Device; Serial: HGM6C**

Communication System: UID:10868 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3500.0 MHz  
Medium: 3600 Head; Medium parameters used:  
f = 3500.0 MHz; cond = 3.03 S/m; perm = 36.6; density = 1000 kg/m<sup>3</sup>  
Phantom Section: Flat; Space: 0.00 mm

Test Date: 01/22/2024; Ambient Temp: 24.0°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7782; ConvF:(6.19,6.19,6.19); Calibrated: 2023-09-12  
Sensor-Surface: 1.4mm (VMS + 6p)  
Electronics: DAE4 Sn1646; Calibrated: 2023-09-08  
Phantom: Twin-SAM V8.0; Serial: 1944  
Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n77 DoD, Antenna 2b, Exp: Body| Bottom Edge, Ch. 633334,  
100 MHz Bandwidth, DFT-s-OFDM QPSK, 270 RB, 0 RB Offset**

**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 28.0):** Measurement grid: dx=2.6 mm, dy=2.6 mm, dz=1.2 mm; Graded Ratio: 1.2

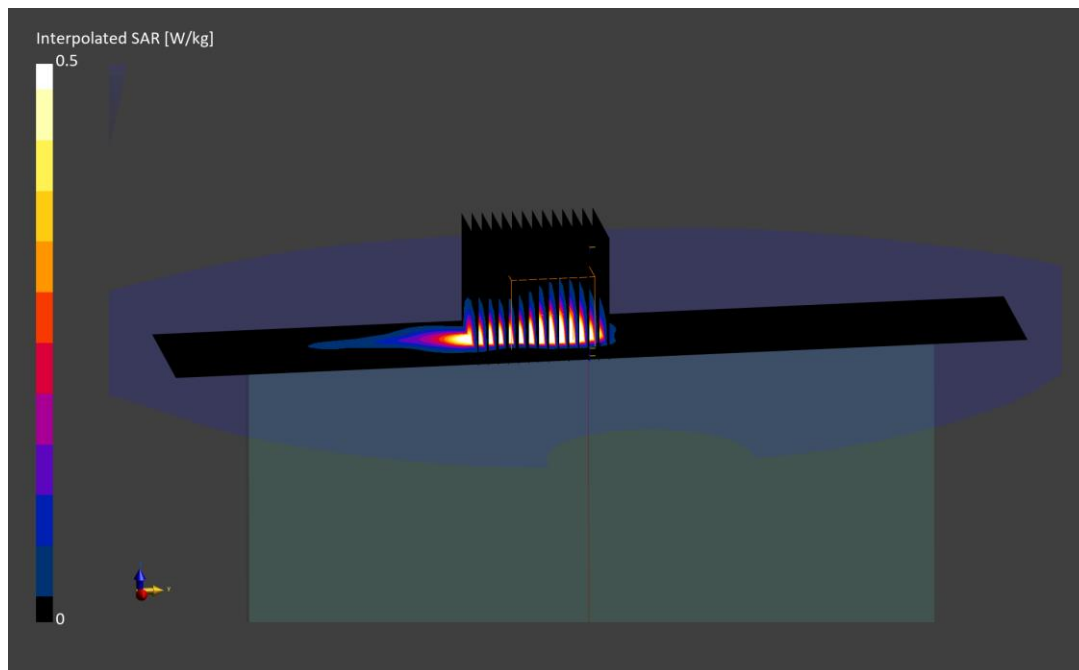
Reference Value = 0.68 W/kg; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 3.56 W/kg

**SAR(1 g) = 0.775 W/kg**

Smallest distance from peaks to all points 3 dB below is 3.7 mm

Ratio of SAR at M2 to SAR at M1 = 62.6 %



# ELEMENT

**DUT: BCGA2837; Type: Tablet Device; Serial: DFTPH**

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

Medium: 2450 Head; Medium parameters used:

$f = 2437.0$  MHz;  $\text{cond} = 1.75$  S/m;  $\text{perm} = 41.0$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 0.00 mm

Test Date: 01/12/2024; Ambient Temp: 20.8°C; Tissue Temp: 19.7°C

Probe: EX3DV4 - SN7421; ConvF:(7.45,7.45,7.45); Calibrated: 2023-03-16

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

Electronics: DAE4 Sn604; Calibrated: 2023-03-15

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: IEEE 802.11b, Antenna 4a, Variant 1, 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 (30.4 x 30.4 x 30.0):** Measurement grid:  $dx=3.8$  mm,  $dy=3.8$  mm,  $dz=1.5$  mm; Graded Ratio: 1.5

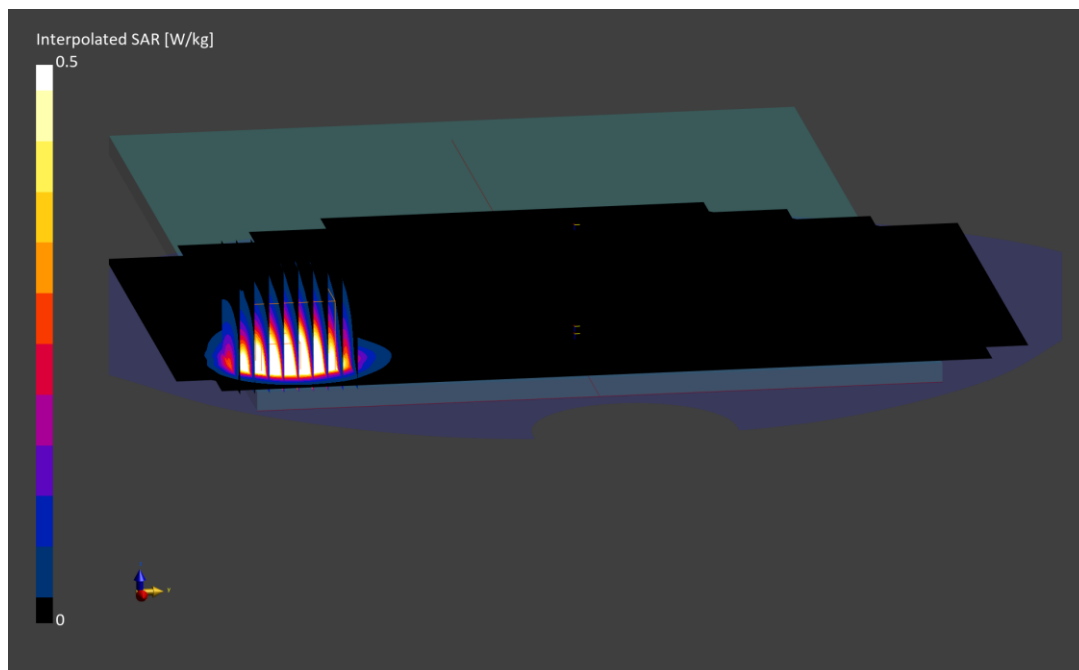
Reference Value = 0.99 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.70 W/kg

**SAR(1 g) = 1.02 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 = 53.8 %



# ELEMENT

**DUT: BCGA2837; Type: Tablet Device; Serial: T27P4**

Communication System: UID:10544 - AAC, WLAN; MAIA: Y; Frequency: 5210.0 MHz  
Medium: 5200-5800 Head; Medium parameters used:  
 $f = 5210.0 \text{ MHz}$ ;  $\text{cond} = 4.46 \text{ S/m}$ ;  $\text{perm} = 36.0$ ;  $\text{density} = 1000 \text{ kg/m}^3$   
Phantom Section: Flat; Space: 0.00 mm

Test Date: 01/23/2024; Ambient Temp: 21.0°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN3746; ConvF:(5.12,5.12,5.12); Calibrated: 2023-10-16  
Sensor-Surface: 1.4mm (VMS + 6p)  
Electronics: DAE4 Sn1237; Calibrated: 2023-10-18  
Phantom: Twin-SAM V8.0; Serial: 2027  
Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: IEEE 802.11ac, Antenna 2a, Variant 1, 80 MHz Bandwidth, U-NII-1,  
Exp: Body| Right Edge, Ch. 42, 29.3 Mbps**

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

**Zoom Scan (22.0 x 22.0 x 22.0):** Measurement grid:  $dx=4.0 \text{ mm}$ ,  $dy=4.0 \text{ mm}$ ,  $dz=1.4 \text{ mm}$ ; Graded Ratio: 1.4

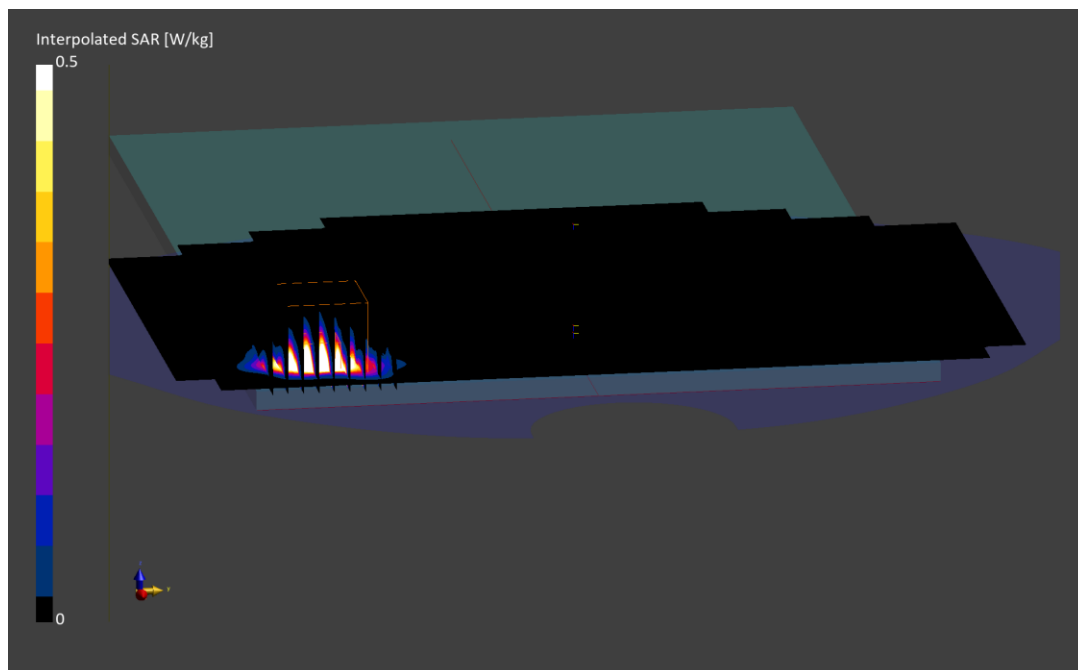
Reference Value = 0.89 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 4.29 W/kg

**SAR(1 g) = 0.980 W/kg**

Smallest distance from peaks to all points 3 dB below is 4.4 mm

Ratio of SAR at M2 to SAR at M1 = 61.4 %



# ELEMENT

**DUT: BCGA2837; Type: Tablet Device; Serial: QKX03**

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

Medium: 6000 Head; Medium parameters used:

$f = 6985.0$  MHz;  $\text{cond} = 6.58$  S/m;  $\text{perm} = 32.8$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 0.00 mm

Test Date: 01/08/2024; Ambient Temp: 21.5°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7420; ConvF:(5.21,5.12,5.28); Calibrated: 2023-10-16

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

Electronics: DAE4 Sn1333; Calibrated: 2023-10-18

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

Measurement SW: DASY Module SAR V16.2.4.2524

**Mode: IEEE 802.11ax, Antenna 4a, Variant 2, 160 MHz Bandwidth, U-NII-8,  
Exp: Body| Back Side, Ch. 207, 68.1 Mbps**

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

**Zoom Scan (22.0 x 22.0 x 22.0):** Measurement grid:  $dx=3.4$  mm,  $dy=3.4$  mm,  $dz=1.4$  mm; Graded Ratio: 1.4

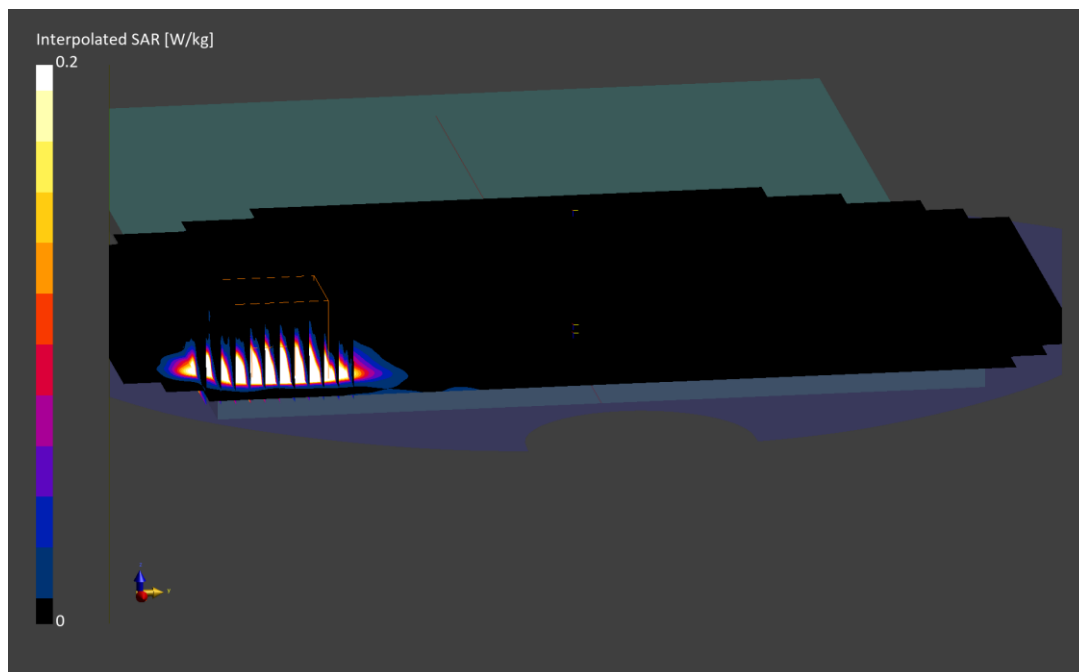
Reference Value = 1.28 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 7.23 W/kg

**SAR(1 g) = 1.14 W/kg; APD(4cm<sup>2</sup>) = 6.99 W/m<sup>2</sup>**

Smallest distance from peaks to all points 3 dB below is 3.5 mm

Ratio of SAR at M2 to SAR at M1 = 40.1 %



# ELEMENT

**DUT: BCGA2837; Type: Tablet Device; Serial: 76XCF**

Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2441.0 MHz  
Medium: 2450 Head; Medium parameters used:  
 $f = 2441.0$  MHz;  $\text{cond} = 1.76$  S/m;  $\text{perm} = 39.1$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>  
Phantom Section: Flat; Space: 0.00 mm

Test Date: 02/01/2024; Ambient Temp: 20.6°C; Tissue Temp: 19.6°C

Probe: EX3DV4 - SN7421; ConvF:(7.45,7.45,7.45); Calibrated: 2023-03-16  
Sensor-Surface: 1.4mm (VMS + 6p)  
Electronics: DAE4 Sn604; Calibrated: 2023-03-15  
Phantom: Twin-SAM V8.0; Serial: 2070  
Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: 2.4 GHz Bluetooth, Variant 1, Antenna 2a,  
Exp: Body| Back Side, Ch. 39, 1 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 30.0):** Measurement grid:  $dx=3.2$  mm,  $dy=3.2$  mm,  $dz=1.5$  mm; Graded Ratio: 1.5

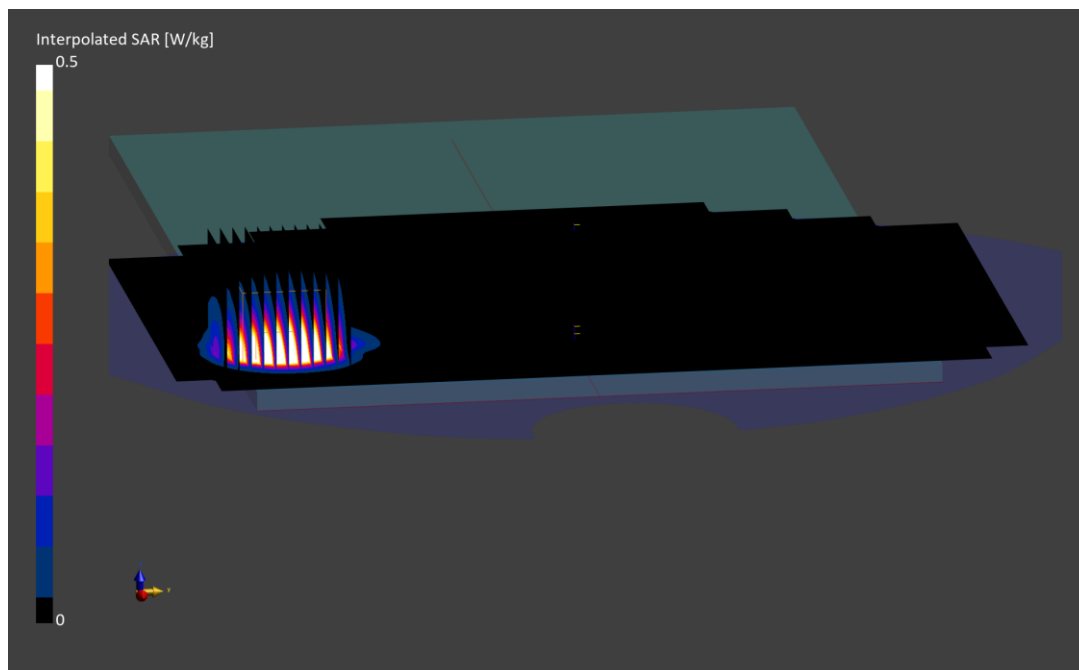
Reference Value = 0.72 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.25 W/kg

**SAR(1 g) = 0.953 W/kg**

Smallest distance from peaks to all points 3 dB below is 3.8 mm

Ratio of SAR at M2 to SAR at M1 = 57.1 %



# ELEMENT

**DUT: BCGA2837; Type: Tablet Device; Serial: 76XCF**

Communication System: UID:0, CW; MAIA: Y; Frequency: 2475.0 MHz  
Medium: 2450 Head; Medium parameters used:  
 $f = 2475.0$  MHz;  $\text{cond} = 1.89$  S/m;  $\text{perm} = 40.1$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>  
Phantom Section: Flat; Space: 0.00 mm

Test Date: 03/07/2024; Ambient Temp: 22.0°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7639; ConvF:(8.36,8.36,8.36); Calibrated: 2023-11-09  
Sensor-Surface: 1.4mm (VMS + 6p)  
Electronics: DAE4 Sn1403; Calibrated: 2023-11-14  
Phantom: Twin-SAM V8.0; Serial: 2034  
Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: 802.15.4, Antenna 2a, Variant 1, 20 MHz Bandwidth,  
Exp: Body| Back Side, Ch. 25, 0.25 Mbps**

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

**Zoom Scan (36.0 x 36.0 x 30.0):** Measurement grid:  $dx=3.6$  mm,  $dy=3.6$  mm,  $dz=1.5$  mm; Graded Ratio: 1.5

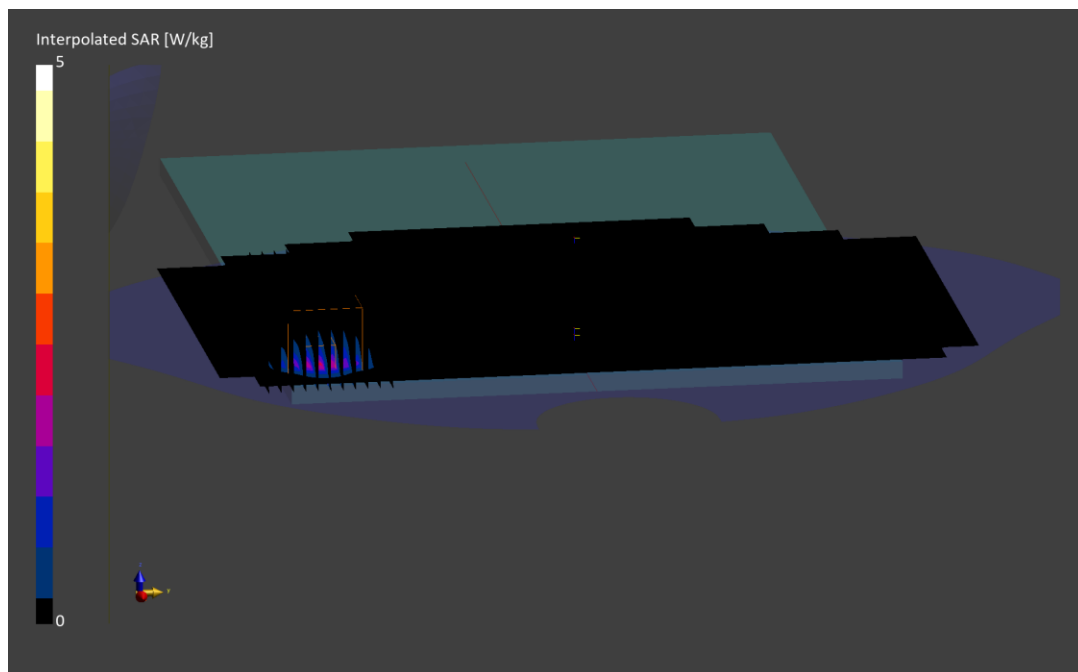
Reference Value = 1.31 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 5.00 W/kg

**SAR(1 g) = 1.46 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 = 59.6 %



# ELEMENT

**DUT: BCGA2837; Type: Tablet Device; Serial: 3Q4T0**

Communication System: UID:10032 - CAA, CW; MAIA: Y; Frequency: 5789.0 MHz  
Medium: 5200-5800 Head; Medium parameters used:  
f = 5789.0 MHz; cond = 5.13 S/m; perm = 34.9; density = 1000 kg/m<sup>3</sup>  
Phantom Section: Flat; Space: 0.00 mm

Test Date: 01/28/2024; Ambient Temp: 22.3°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN3949; ConvF:(5.31,5.31,5.31); Calibrated: 2023-10-02  
Sensor-Surface: 1.4mm (VMS + 6p)  
Electronics: DAE4 Sn1684; Calibrated: 2023-09-12  
Phantom: Twin-SAM V8.0; Serial: 1736  
Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NB U-NII 3, Antenna 2a, Variant 1,  
Exp: Body| Back Side, Ch. Mid, 1 Mbps**

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

**Zoom Scan (25.2 x 25.2 x 22.0):** Measurement grid: dx=2.1 mm, dy=2.1 mm, dz=1.4 mm; Graded Ratio: 1.4

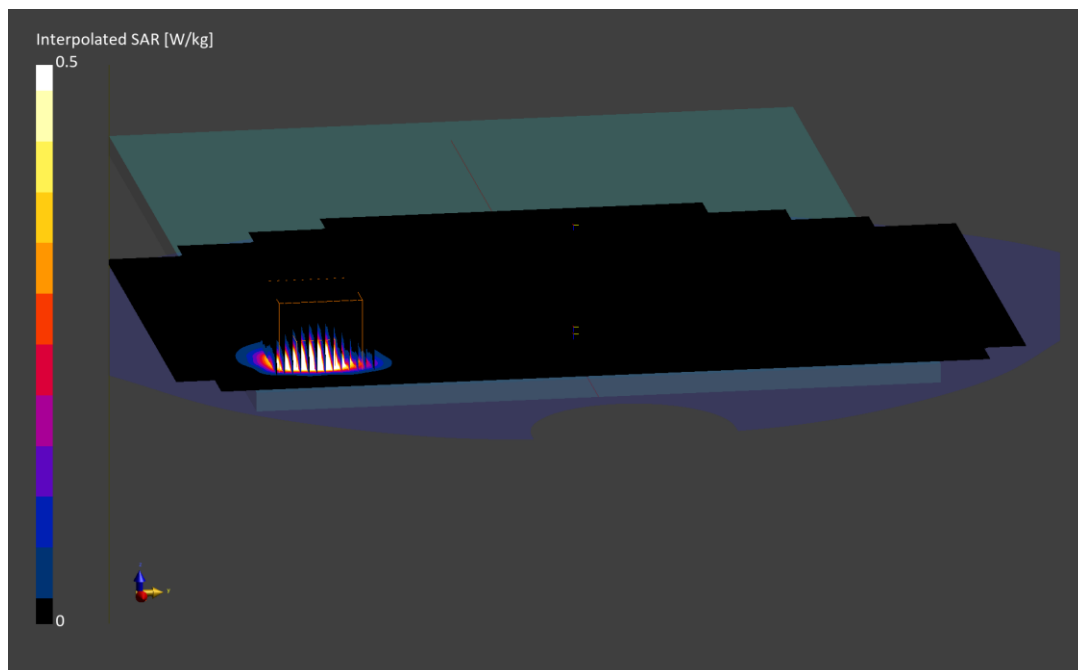
Reference Value = 0.57 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 6.89 W/kg

**SAR(1 g) = 1.12 W/kg**

Smallest distance from peaks to all points 3 dB below is 2.6 mm

Ratio of SAR at M2 to SAR at M1 = 56.6 %



# ELEMENT

**DUT: BCGA2837; Type: Tablet Device; Serial: 302LK**

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

Medium: 30 Head; Medium parameters used:

$f = 13.6$  MHz;  $\text{cond} = 0.727$  S/m;  $\text{perm} = 53.4$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 0.00 mm

Test Date: 02/14/2024; Ambient Temp: 22.6°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7360; ConvF:(17.98,17.98,17.98); Calibrated: 2023-03-16

Sensor-Surface: 1.4mm (All points)

Electronics: DAE4 Sn534; Calibrated: 2023-03-15

Phantom: ELI V6.0; Serial: 2044

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: wPT, Exp: Body| Back Side**

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

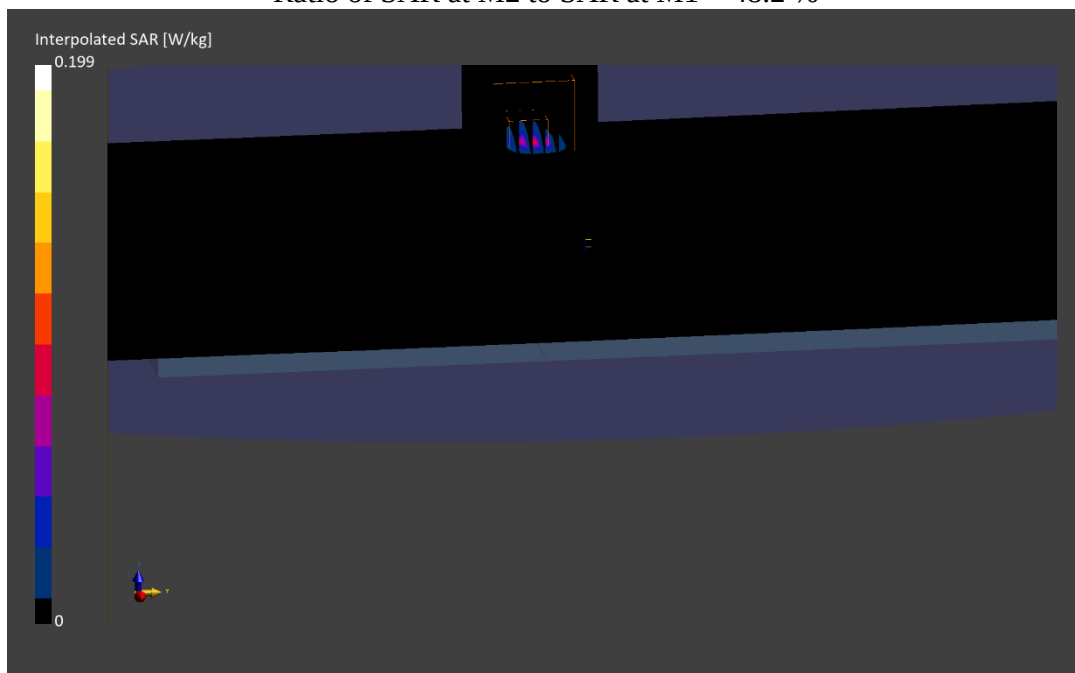
Reference Value = 0.02 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.219 W/kg

**SAR(1 g) = 0.032 W/kg**

Smallest distance from peaks to all points 3 dB below is 4.1 mm

Ratio of SAR at M2 to SAR at M1 = 48.2 %



Date: 01/29/2024

Antenna WF5B; Variant 1; Channel 111; 802.11ax

Device Under Test Properties

| DUT      | Serial Number | DUT Type      |
|----------|---------------|---------------|
| 8CGA2837 | VHX734R6K6    | Tablet Device |

Exposure Conditions

| Phantom Section | Position   | Test Distance [mm] | Channel | Group, UID | Frequency [MHz] |
|-----------------|------------|--------------------|---------|------------|-----------------|
| 5G              | EDGE RIGHT | 9.22               | 111     | 10755      | 6505.0          |

Hardware Setup

| Probe, Calibration Date      | DAE, Calibration Date    |
|------------------------------|--------------------------|
| EUmmWV3 – SN9407, 10/09/2023 | DAE4 – SN793, 10/18/2023 |

Software Setup

| Software             | Software Version |
|----------------------|------------------|
| cDASY6 Module mmWave | 3.2.0.1840       |

Scans Setup

|                     |             |
|---------------------|-------------|
| Scan Type           | 5G Scan     |
| Grid Extents [mm]   | 25.0 x 25.0 |
| Grid Steps [lambda] | 0.25 x 0.25 |
| Sensor Surface [mm] | 9.22        |

Measurement Results

|                              |         |
|------------------------------|---------|
| Scan Type                    | 5G Scan |
| Avg. Area [cm²]              | 4.00    |
| pS <sub>tot</sub> avg [W/m²] | 1.84    |
| pS <sub>n</sub> avg [W/m²]   | 1.67    |
| E <sub>peak</sub> [V/m]      | 33.8    |
| Power Drift [dB]             | 0.04    |

