

APPENDIX A: SAR TEST PLOTS

ELEMENT

DUT: BCGA2435; Type: Tablet Device; Serial: CWFD7H2PP6

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

Medium: 835 Head; Medium parameters used:

$f = 826.4$ MHz; $\text{cond} = 0.867$ S/m; $\text{perm} = 39.9$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/12/2022; Ambient Temp: 23.5°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7674; ConvF:(9.72,9.72,9.72); Calibrated: 2021-09-06

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

Electronics: DAE4 Sn1582; Calibrated: 2022-04-13

Phantom: Twin-SAM V8.0; Serial: 1917

Measurement SW: DASY Module SAR V16.0.2.136

Mode: UMTS 850, Antenna 1, Body SAR, Back Side, Low Ch.

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: $dx=2.6$ mm, $dy=2.6$ mm, $dz=1.2$ mm; Graded Ratio: 1.2

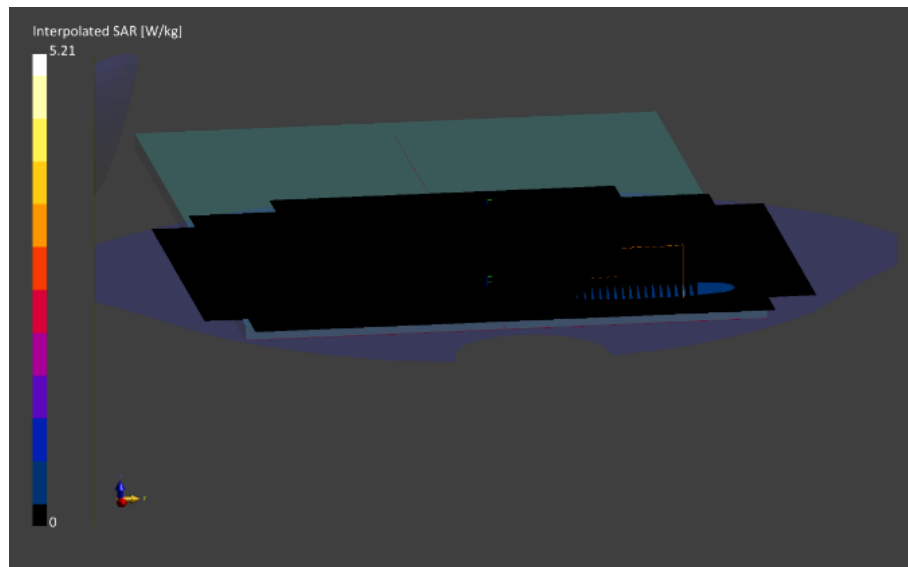
Reference Value = 0.34 W/kg; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 5.21 W/kg

SAR(1 g) = 0.697 W/kg; SAR(10 g) = 0.281 W/kg

Smallest distance from peaks to all points 3 dB below is 3.1 mm

Ratio of SAR at M2 to SAR at M1 = 45.7 %



ELEMENT

DUT: BCGA2435; Type: Tablet Device; Serial: QLW4563WXL

Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1712.4 MHz

Medium: 1750 Head; Medium parameters used:

$f = 1712.4 \text{ MHz}$; $\text{cond} = 1.36 \text{ S/m}$; $\text{perm} = 38.9$; $\text{density} = 1000 \text{ kg/m}^3$

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/14/2022; Ambient Temp: 24.1°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7360; ConvF:(9.0,9.0,9.0); Calibrated: 2022-03-21

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

Electronics: DAE4 Sn534; Calibrated: 2022-03-21

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

Measurement SW: DASY Module SAR V16.0.2.136

Mode: UMTS 1750, Antenna 1, Body SAR. Left Edge, Low Ch.

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: $dx=3.5 \text{ mm}$, $dy=3.5 \text{ mm}$, $dz=1.2 \text{ mm}$; Graded Ratio: 1.2

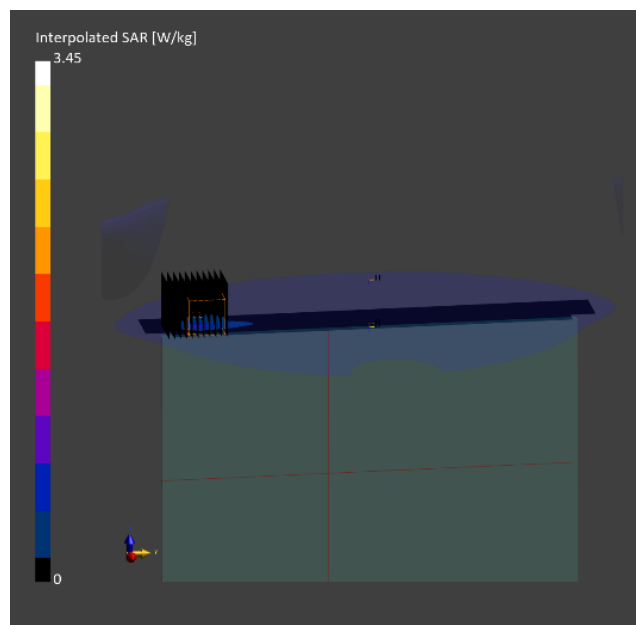
Reference Value = 0.62 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.45 W/kg

SAR(1 g) = 0.682 W/kg; SAR(10 g) = 0.263 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 = 57.0 %



ELEMENT

DUT: BCGA2435; Type: Tablet Device; Serial: R4YNF41VF

Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1852.4 MHz

Medium: 1900 Head; Medium parameters used:

$f = 1852.4 \text{ MHz}$; $\text{cond} = 1.42 \text{ S/m}$; $\text{perm} = 38.3$; $\text{density} = 1000 \text{ kg/m}^3$

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/12/2022; Ambient Temp: 22.3°C; Tissue Temp: 19.1°C

Probe: EX3DV4 - SN7532; ConvF:(8.37,8.37,8.37); Calibrated: 2022-04-22

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

Electronics: DAE4 Sn501; Calibrated: 2022-04-13

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

Measurement SW: DASY Module SAR V16.0.2.136

Mode: UMTS 1900, Antenna 3, Body SAR, Back Side, Low Ch.

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: $dx=6.0 \text{ mm}$, $dy=6.0 \text{ mm}$, $dz=1.5 \text{ mm}$; Graded Ratio: 1.5

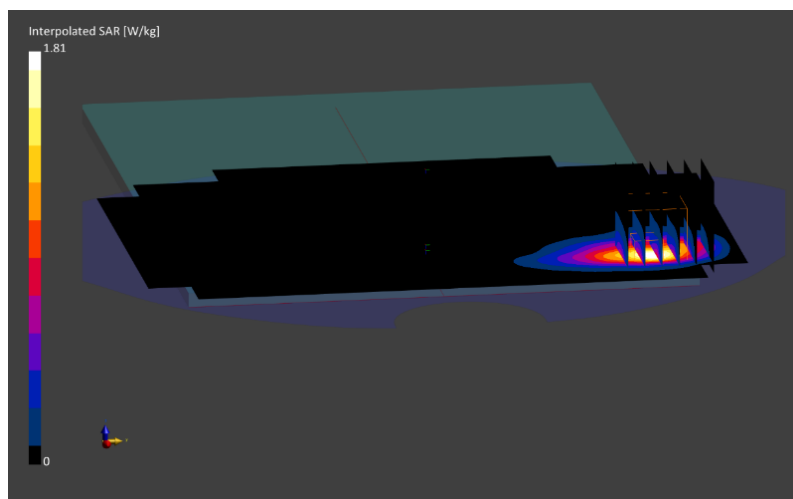
Reference Value = 1.11 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.81 W/kg

SAR(1 g) = 0.722 W/kg; SAR(10 g) = 0.347 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 = 72.6 %



ELEMENT

DUT: BCGA2435; Type: Tablet Device; Serial: CWFD7H2PP6

Communication System: UID:10100 - CAE, LTE-FDD; MAIA: Y; Frequency: 680.5 MHz

Medium: 750 Head; Medium parameters used:

$f = 680.5 \text{ MHz}$; $\text{cond} = 0.871 \text{ S/m}$; $\text{perm} = 40.6$; $\text{density} = 1000 \text{ kg/m}^3$

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/19/2022; Ambient Temp: 23.8°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7499; ConvF:(10.23,10.23,10.23); Calibrated: 2022-04-19

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

Electronics: DAE4 Sn1465; Calibrated: 2022-04-13

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

Measurement SW: DASY Module SAR V16.0.2.136

**Mode: LTE Band 71, Antenna 3, Body SAR, Top Edge, Mid Ch,
20 MHz Bandwidth, QPSK, 100 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: $dx=4.0 \text{ mm}$, $dy=4.0 \text{ mm}$, $dz=1.4 \text{ mm}$; Graded Ratio: 1.4

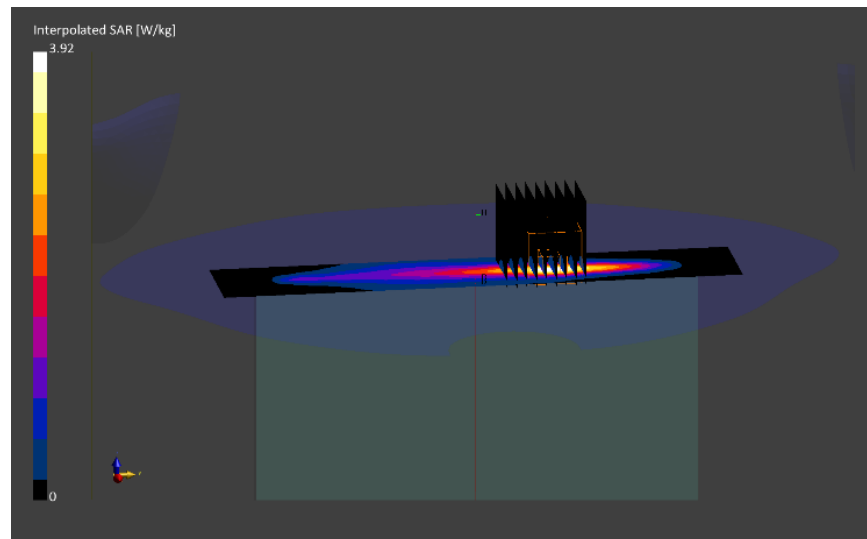
Reference Value = 0.76 W/kg; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 3.91 W/kg

SAR(1 g) = 0.847 W/kg; SAR(10 g) = 0.323 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 = 54.0 %



ELEMENT

DUT: BCGA2435; Type: Tablet Device; Serial: P3K2L17CM6

Communication System: UID:10108 - CAG, LTE-FDD; MAIA: Y; Frequency: 707.5 MHz

Medium: 750 Head; Medium parameters used:

$f = 707.5 \text{ MHz}$; $\text{cond} = 0.925 \text{ S/m}$; $\text{perm} = 41.5$; $\text{density} = 1000 \text{ kg/m}^3$

Phantom Section: Flat; Space: 0.00 mm

Test Date: 09/02/2022; Ambient Temp: 20.5°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7499; ConvF:(10.23,10.23,10.23); Calibrated: 2022-04-19

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

Electronics: DAE4 Sn1465; Calibrated: 2022-04-13

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

Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 12, Body SAR, Back Side, Mid Ch, 10 MHz Bandwidth, QPSK, 50 RB,0 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: $dx=2.79 \text{ mm}$, $dy=2.79 \text{ mm}$, $dz=1.5 \text{ mm}$; Graded Ratio: 1.5

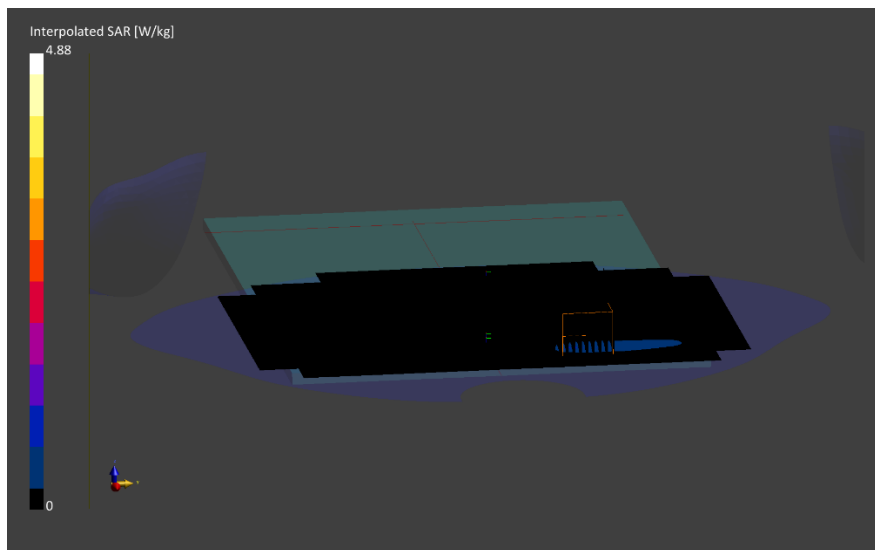
Reference Value = 0.52 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 4.88 W/kg

SAR(1 g) = 0.702W/kg; SAR(10 g) = 0.261W/kg

Smallest distance from peaks to all points 3 dB below is 2.8 mm

Ratio of SAR at M2 to SAR at M1 = 40.3 %



ELEMENT

DUT: BCGA2435; Type: Tablet Device; Serial: CWFD7H2PP6

Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 782.0 MHz

Medium: 750 Head; Medium parameters used:

$f = 782.0$ MHz; $\text{cond} = 0.924$ S/m; $\text{perm} = 42.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/30/2022; Ambient Temp: 24.3°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7499; ConvF:(10.23,10.23,10.23); Calibrated: 2022-04-19

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

Electronics: DAE4 Sn1465; Calibrated: 2022-04-13

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

Measurement SW: DASY Module SAR V16.0.2.136

**Mode: LTE Band 13, Antenna 3, Body SAR, Top edge, Mid Ch,
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: $dx=4.0$ mm, $dy=4.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

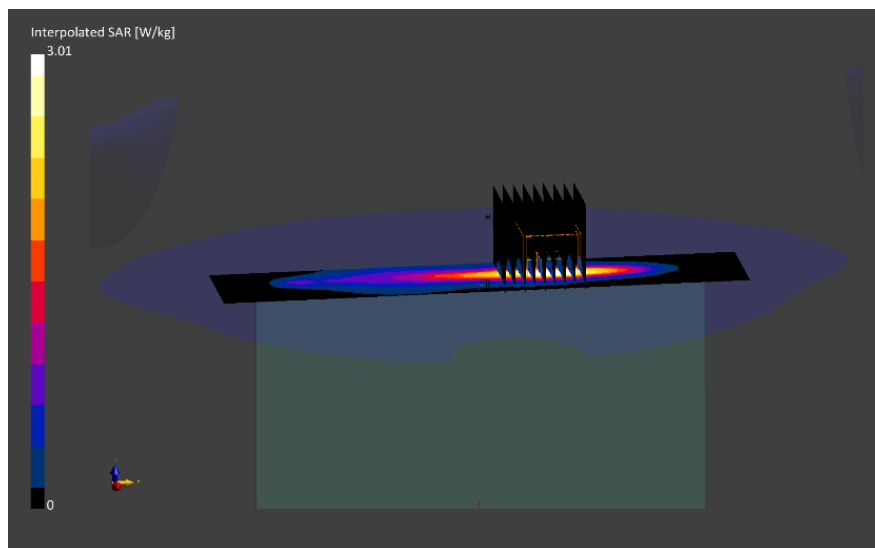
Reference Value = 0.63 W/kg; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 3.01 W/kg

SAR(1 g) = 0.688 W/kg; SAR(10 g) = 0.267 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 = 56.2 %



ELEMENT

DUT: BCGA2435; Type: Tablet Device; Serial: NJ5X4097NF

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

Medium: 750 Head; Medium parameters used:

f = 793.0 MHz; cond = 0.935 S/m; perm = 41.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/10/2022; Ambient Temp: 20.1°C; Tissue Temp: 19.8°C

Probe: EX3DV4 - SN7499; ConvF:(10.23,10.23,10.23); Calibrated: 2022-04-19

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

Electronics: DAE4 Sn1465; Calibrated: 2022-04-13

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

Measurement SW: DASY Module SAR V16.0.2.136

**Mode: LTE Band 14, Antenna 3, Body SAR, Top edge, Mid Ch,
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=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4

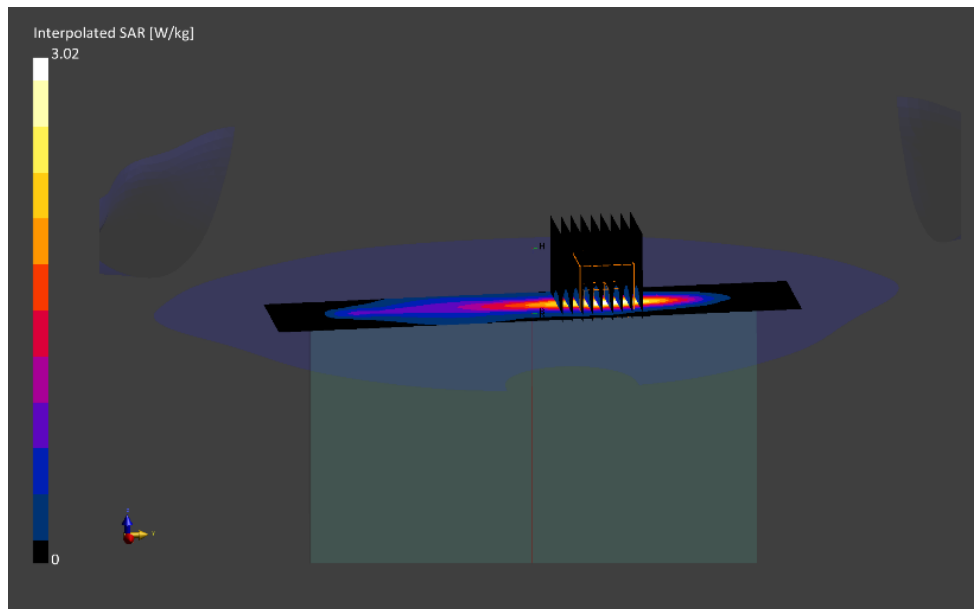
Reference Value = 0.65 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.02 W/kg

SAR(1 g) = 0.697 W/kg; SAR(10 g) = 0.270 W/kg

Smallest distance from peaks to all points 3 dB below is 4.7 mm

Ratio of SAR at M2 to SAR at M1 = 56.8 %



ELEMENT

DUT: BCGA2435; Type: Tablet Device; Serial: CWFD7H2PP6

Communication System: UID:10108 - CAG, LTE-FDD; MAIA: Y; Frequency: 819.0 MHz

Medium: 835 Head; Medium parameters used:

$f = 819.0$ MHz; $\text{cond} = 0.860$ S/m; $\text{perm} = 40.0$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/12/2022; Ambient Temp: 23.5°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7674; ConvF:(9.72,9.72,9.72); Calibrated: 2021-09-06

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

Electronics: DAE4 Sn1582; Calibrated: 2022-04-13

Phantom: Twin-SAM V8.0; Serial: 1917

Measurement SW: DASY Module SAR V16.0.2.136

**Mode: LTE Band 26, Antenna 3, Body SAR, Top Edge, Low Ch,
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: $dx=3.2$ mm, $dy=3.2$ mm, $dz=1.2$ mm; Graded Ratio: 1.2

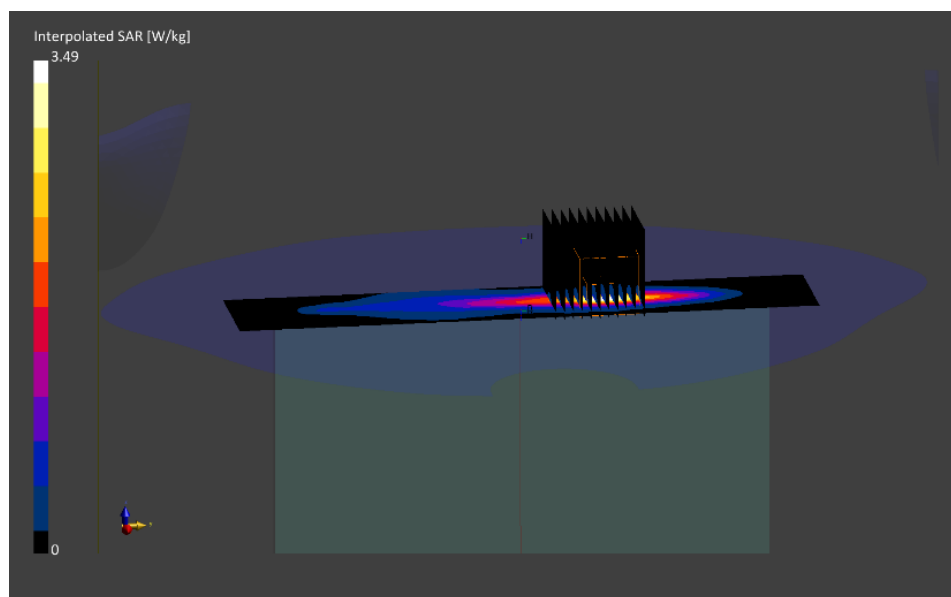
Reference Value = 0.41 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 3.49 W/kg

SAR(1 g) = 0.670 W/kg; SAR(10 g) = 0.249 W/kg

Smallest distance from peaks to all points 3 dB below is 4.5 mm

Ratio of SAR at M2 to SAR at M1 = 56.8 %



ELEMENT

DUT: BCGA2435; Type: Tablet Device; Serial: F70633NVTK

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

Medium: 835 Head; Medium parameters used:

$f = 836.5 \text{ MHz}$; $\text{cond} = 0.891 \text{ S/m}$; $\text{perm} = 40.4$; $\text{density} = 1000 \text{ kg/m}^3$

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/28/2022; Ambient Temp: 21.2°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7674; ConvF:(9.72,9.72,9.72); Calibrated: 2021-09-06

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

Electronics: DAE4 Sn1582; Calibrated: 2022-04-13

Phantom: Twin-SAM V8.0; Serial: 1917

Measurement SW: DASY Module SAR V16.0.2.136

**Mode: LTE Band 5, Antenna 3, Body SAR, Top Edge, Mid Ch,
10 MHz Bandwidth, 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: $dx=3.5 \text{ mm}$, $dy=3.5 \text{ mm}$, $dz=1.2 \text{ mm}$; Graded Ratio: 1.2

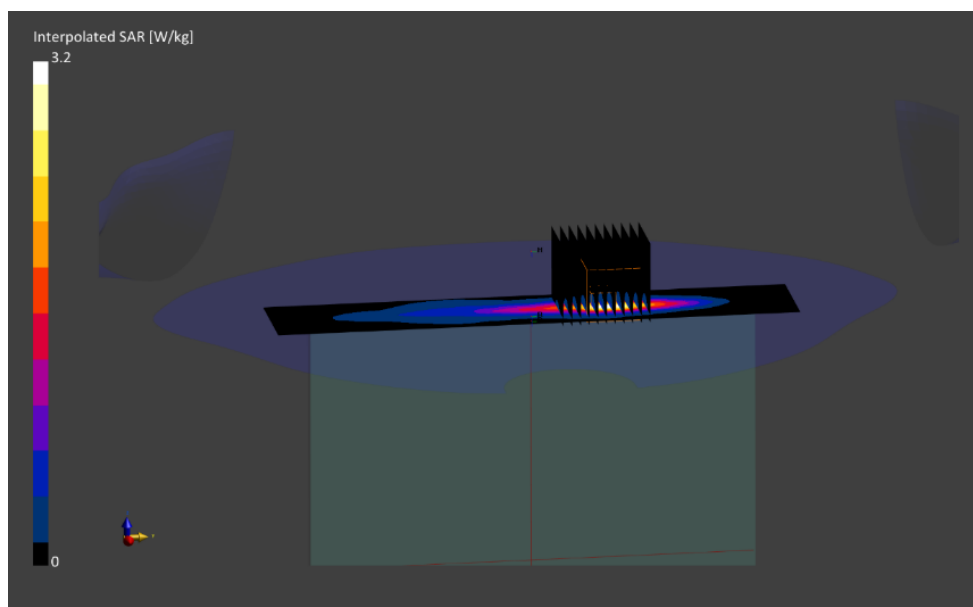
Reference Value = 0.40 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.20 W/kg

SAR(1 g) = 0.673 W/kg; SAR(10 g) = 0.252 W/kg

Smallest distance from peaks to all points 3 dB below is 4.7 mm

Ratio of SAR at M2 to SAR at M1 = 59.8 %



ELEMENT

DUT: BCGA2435; Type: Tablet Device; Serial: QLW4563WXL

Communication System: UID:10297 - AAD, LTE-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/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/28/2022; Ambient Temp: 24.9°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7360; ConvF:(9.0,9.0,9.0); Calibrated: 2022-03-21

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

Electronics: DAE4 Sn534; Calibrated: 2022-03-21

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

Measurement SW: DASY Module SAR V16.0.2.136

**Mode: LTE Band 66, Antenna 2b, Body SAR, Bottom Side, Mid Ch,
20 MHz Bandwidth, QPSK, 50 RB, 25 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: $dx=3.6$ mm, $dy=3.6$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

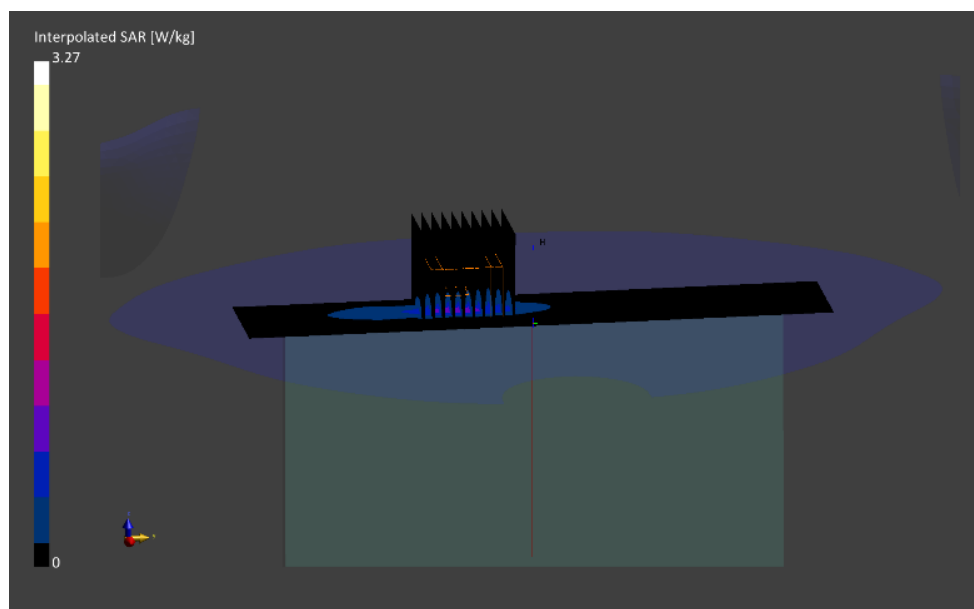
Reference Value = 0.67 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.27 W/kg

SAR(1 g) = 0.743 W/kg; SAR(10 g) = 0.266 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 = 58.6 %



ELEMENT

DUT: BCGA2435; Type: Tablet Device; Serial: R4YNF41VF

Communication System: UID:10297 - AAD, LTE-FDD; MAIA: Y; Frequency: 1905.0 MHz

Medium: 1900 Head; Medium parameters used:

$f = 1905.0$ MHz; $\text{cond} = 1.42$ S/m; $\text{perm} = 39.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/28/2022; Ambient Temp: 21.4°C; Tissue Temp: 18.8°C

Probe: EX3DV4 - SN7532; ConvF:(8.37,8.37,8.37); Calibrated: 2022-04-22

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

Electronics: DAE4 Sn501; Calibrated: 2022-04-13

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

Measurement SW: DASY Module SAR V16.0.2.136

**Mode: LTE Band 25, Antenna 4b, Body SAR, Top edge, High Ch,
20 MHz Bandwidth, QPSK, 50 RB, 25 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: $dx=3.1$ mm, $dy=3.1$ mm, $dz=1.2$ mm; Graded Ratio: 1.2

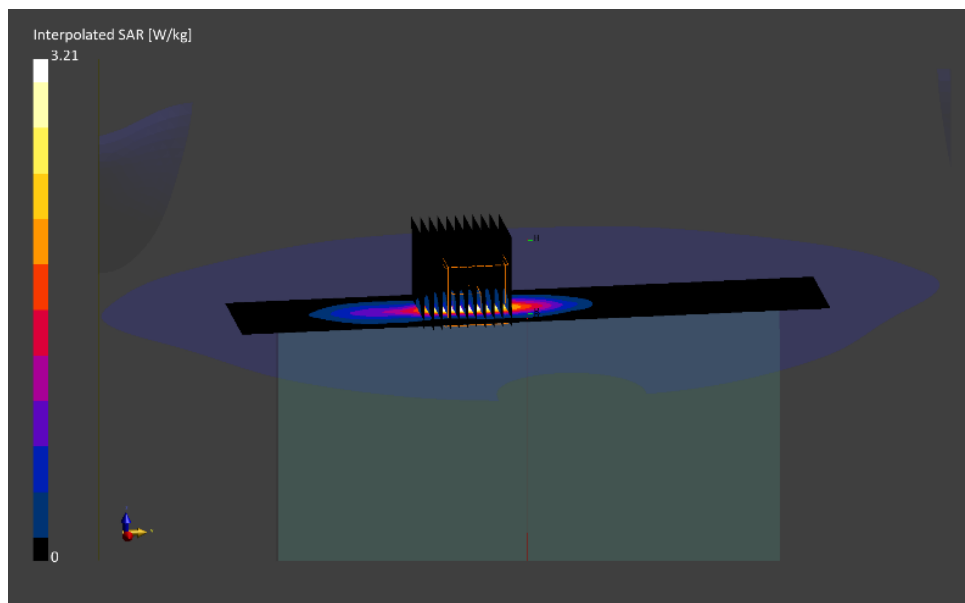
Reference Value = 1.23 W/kg; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 3.21 W/kg

SAR(1 g) = 0.751 W/kg; SAR(10 g) = 0.262 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 = 65.7 %



ELEMENT

DUT: BCGA2435; Type: Tablet Device; Serial: DM6OT1Y2VT

Communication System: UID:10154 - CAG, LTE-FDD; MAIA: Y; Frequency: 2310.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2310.0$ MHz; $\text{cond} = 1.75$ S/m; $\text{perm} = 41.2$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/17/2022; Ambient Temp: 21.9°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN3837; ConvF:(7.36,7.36,7.36); Calibrated: 2022-01-19

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

Electronics: DAE4 Sn793; Calibrated: 2022-01-13

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

Measurement SW: DASY Module SAR V16.0.2.136

**Mode: LTE Band 30, Antenna 4b, Body SAR, Back Side,
10 MHz Bandwidth, Mid Ch, QPSK, 25 RB, 12 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: $dx=3.1$ mm, $dy=3.1$ mm, $dz=1.2$ mm; Graded Ratio: 1.2

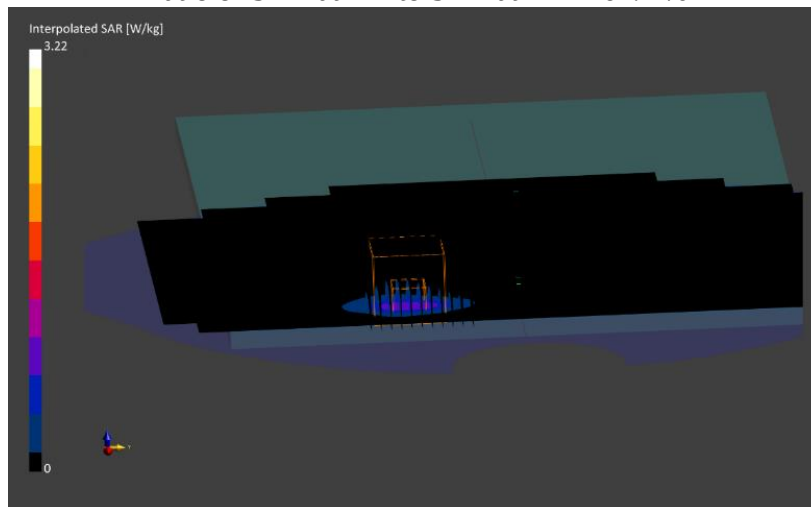
Reference Value = 0.74 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 3.22 W/kg

SAR(1 g) = 0.831 W/kg; SAR(10 g) = 0.309 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 = 64.2 %



ELEMENT

DUT: BCGA2435; Type: Tablet Device; Serial: P3K2L17CM6

Communication System: UID:10297 - AAD, LTE-FDD; MAIA: Y; Frequency: 2560.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2560.0$ MHz; $\text{cond} = 1.88$ S/m; $\text{perm} = 37.3$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 08/02/2022; Ambient Temp: 23.8°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN3837; ConvF:(6.98,6.98,6.98); Calibrated: 2022-01-19

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

Electronics: DAE4 Sn793; Calibrated: 2022-01-13

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

Measurement SW: DASY Module SAR V16.0.2.136

**Mode: LTE Band 7, Antenna 3, Body SAR, Top Edge, High Ch,
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 (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

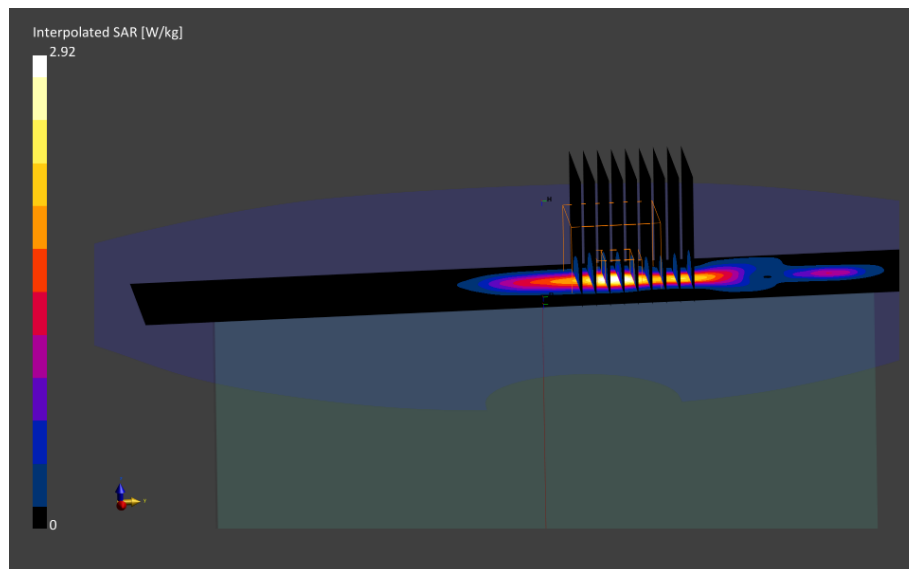
Reference Value = 0.73 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.92 W/kg

SAR(1 g) = 0.774 W/kg; SAR(10 g) = 0.259 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 = 64.1 %



ELEMENT

DUT: BCGA2435; Type: Tablet Device; Serial: F70633NVTK

Communication System: UID:10494 - AAF, LTE-TDD; MAIA: Y; Frequency: 2636.5 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2636.5 \text{ MHz}$; $\text{cond} = 2.08 \text{ S/m}$; $\text{perm} = 37.7$; $\text{density} = 1000 \text{ kg/m}^3$

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/28/2022; Ambient Temp: 23.3°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN7420; ConvF:(7.36,7.36,7.36); Calibrated: 2021-10-27

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

Electronics: DAE4 Sn1237; Calibrated: 2021-11-18

Phantom: Twin-SAM V4.0; Serial: 1598

Measurement SW: DASY Module SAR V16.0.2.136

**Mode: LTE Band 41, Antenna 2b, Body SAR, Back Side, Mid-high Ch.,
20 MHz Bandwidth, QPSK, 50 RB, 25 RB Offset**

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

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=3.1 \text{ mm}$, $dy=3.1 \text{ mm}$, $dz=1.2 \text{ mm}$; Graded Ratio: 1.2

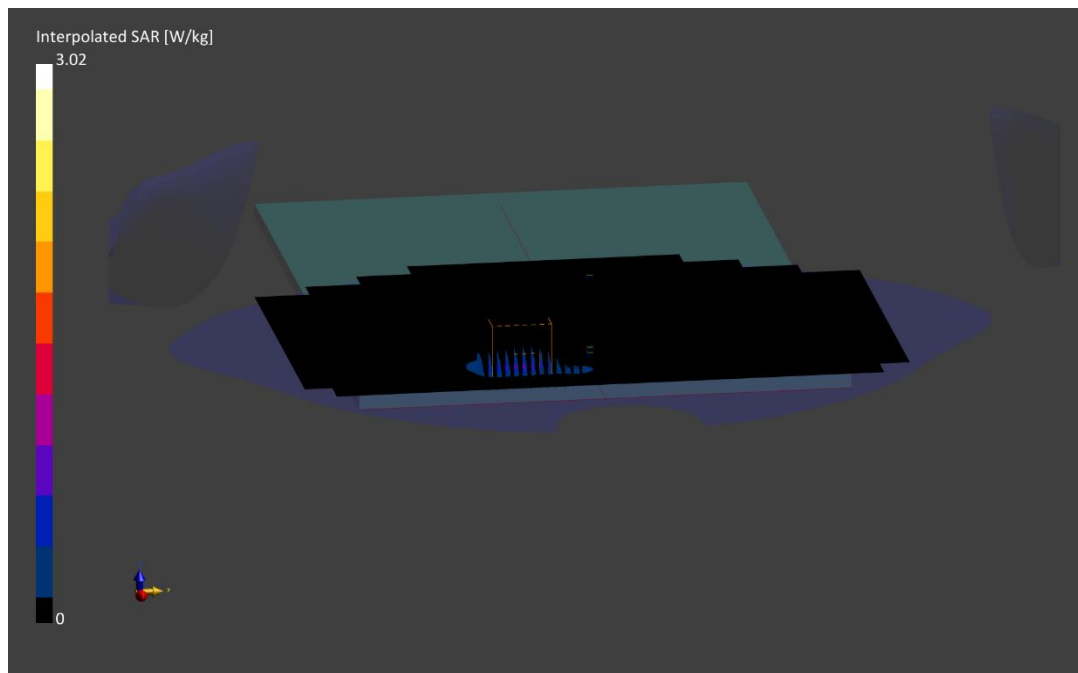
Reference Value = 0.88 W/kg; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 3.02 W/kg

SAR(1 g) = 0.765 W/kg; SAR(10 g) = 0.292 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 = 66.8 %



ELEMENT

DUT: BCGA2435; Type: Tablet Device; Serial: QLW4563WXL

Communication System: UID:10435 - AAF, LTE-TDD; MAIA: Y; Frequency: 3560.0 MHz

Medium: 3600 Head; Medium parameters used:

$f = 3560.0 \text{ MHz}$; $\text{cond} = 2.94 \text{ S/m}$; $\text{perm} = 36.4$; $\text{density} = 1000 \text{ kg/m}^3$

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/06/2022; Ambient Temp: 23.5°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7639; ConvF:(7.58,7.58,7.58); Calibrated: 2021-11-16

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

Electronics: DAE4 Sn1646; Calibrated: 2021-11-11

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

Measurement SW: DASY Module SAR V16.0.2.136

**Mode: LTE Band 48, Antenna 2a, Body SAR, Back Side, Low Ch,
20 MHz Bandwidth, QPSK, 1 RB, 50 RB Offset**

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

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: $dx=3.5 \text{ mm}$, $dy=3.5 \text{ mm}$, $dz=1.2 \text{ mm}$; Graded Ratio: 1.2

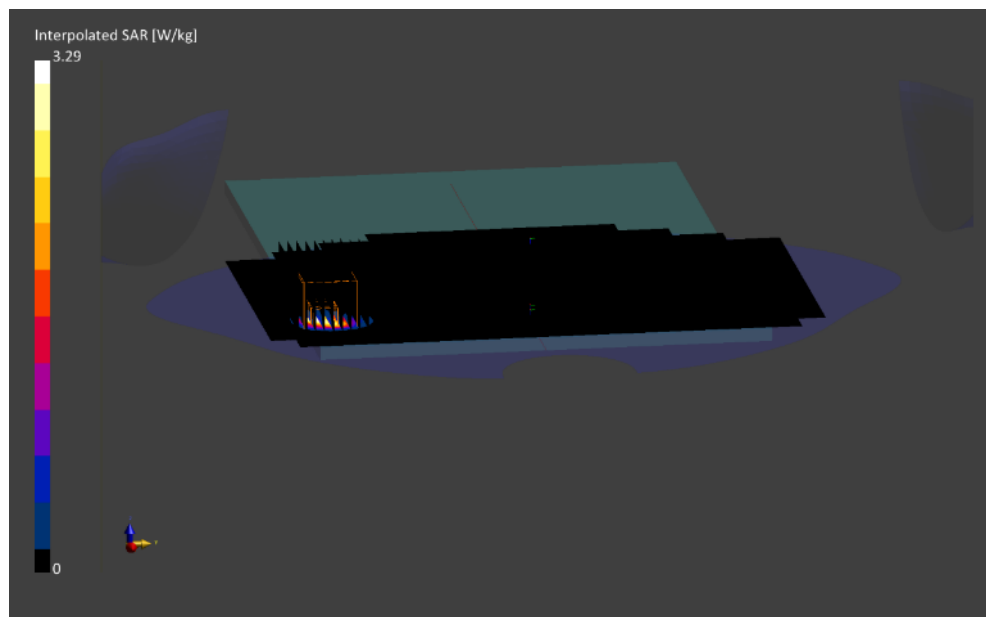
Reference Value = 0.40 W/kg; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.29 W/kg

SAR(1 g) = 0.694 W/kg; SAR(10 g) = 0.206 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 = 62.4 %



ELEMENT

DUT: BCGA2435; Type: Tablet Device; Serial: P3K2L17CM6

Communication System: UID:10770 - AAD, CW; MAIA: Y; Frequency: 680.5 MHz

Medium: 750 Head; Medium parameters used:

$f = 680.5 \text{ MHz}$; $\text{cond} = 0.876 \text{ S/m}$; $\text{perm} = 40.7$; $\text{density} = 1000 \text{ kg/m}^3$

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/25/2022; Ambient Temp: 21.8°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7499; ConvF:(10.23,10.23,10.23); Calibrated: 2022-04-19

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

Electronics: DAE4 Sn1465; Calibrated: 2022-04-13

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

Measurement SW: DASY Module SAR V16.0.2.136

**Mode: NR Band n71, Antenna 1, Body SAR, Back Side, Ch. 136100,
20 MHz Bandwidth, CP-OFDM QPSK, 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: $dx=3.5 \text{ mm}$, $dy=3.5 \text{ mm}$, $dz=1.2 \text{ mm}$; Graded Ratio: 1.2

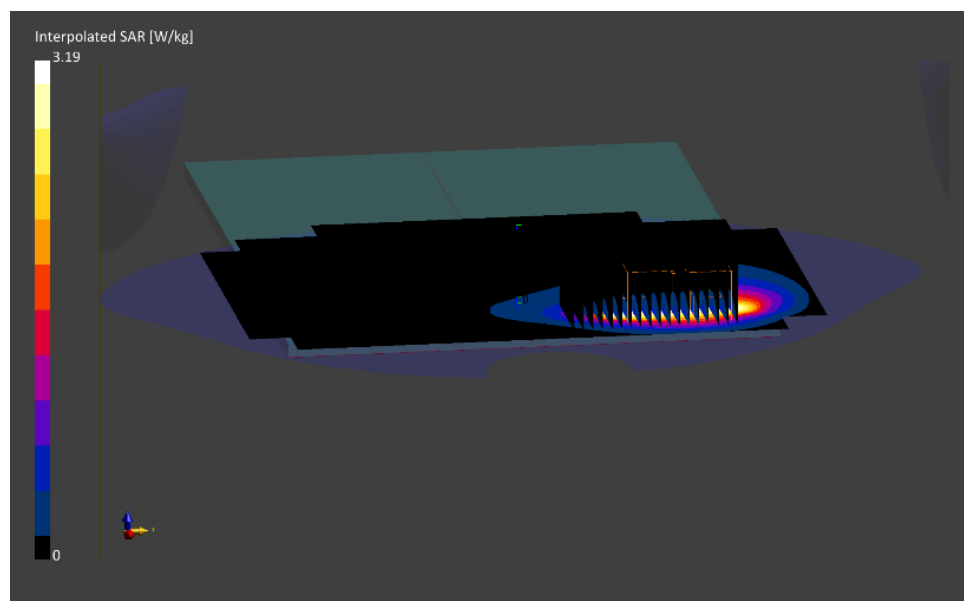
Reference Value = 0.63 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.19 W/kg

SAR(1 g) = 0.762 W/kg; SAR(10 g) = 0.359 W/kg

Smallest distance from peaks to all points 3 dB below is 4.5 mm

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



ELEMENT

DUT: BCGA2435; Type: Tablet Device; Serial: P3K2L17CM6

Communication System: UID:10930 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 707.5 MHz

Medium: 750 Head; Medium parameters used:

$f = 707.5 \text{ MHz}$; $\text{cond} = 0.854 \text{ S/m}$; $\text{perm} = 43.0$; $\text{density} = 1000 \text{ kg/m}^3$

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/12/2022; Ambient Temp: 22.0°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7638; ConvF:(10.25,10.25,10.25); Calibrated: 2022-03-22

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

Electronics: DAE4 Sn1408; Calibrated: 2022-03-21

Phantom: Twin-SAM V8.0; Serial: 2027

Measurement SW: DASY Module SAR V16.0.2.136

**Mode: NR Band n12, Antenna 3, Body SAR, Back Side, Ch. 141500,
15 MHz Bandwidth, DFT-s-OFDM QPSK, 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: $dx=3.1 \text{ mm}$, $dy=3.1 \text{ mm}$, $dz=1.2 \text{ mm}$; Graded Ratio: 1.2

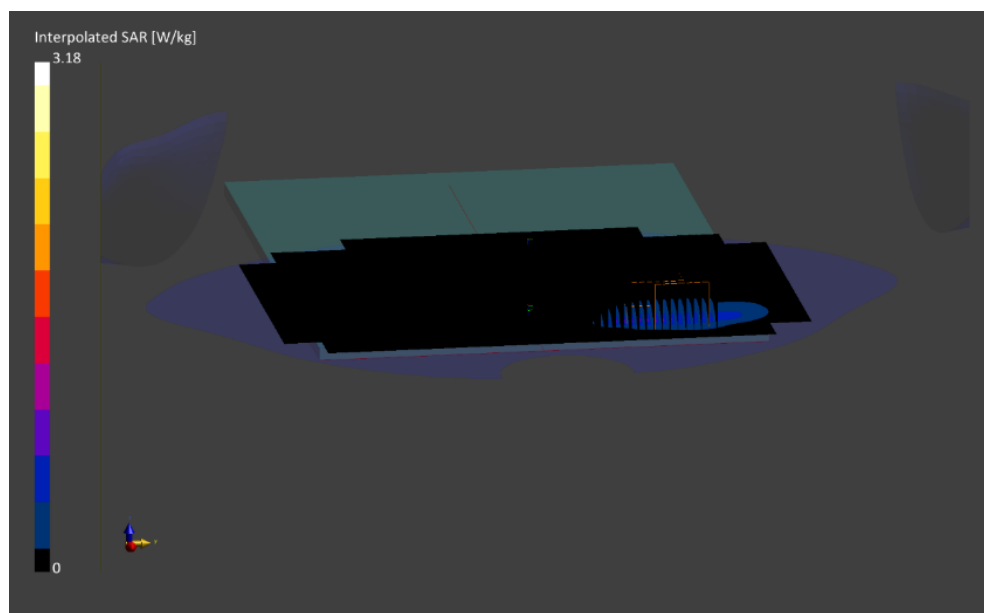
Reference Value = 0.64 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 3.18 W/kg

SAR(1 g) = 0.697 W/kg; SAR(10 g) = 0.339 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 = 58.3 %



ELEMENT

DUT: BCGA2435; Type: Tablet Device; Serial: NJ5X409NF

Communication System: UID:10768 - AAD, CW; MAIA: Y; Frequency: 793.0 MHz

Medium: 750 Head; Medium parameters used:

$f = 793.0$ MHz; $\text{cond} = 0.932$ S/m; $\text{perm} = 42.0$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/12/2022; Ambient Temp: 24.0°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN7499; ConvF:(10.23,10.23,10.23); Calibrated: 2022-04-19

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

Electronics: DAE4 Sn1465; Calibrated: 2022-04-13

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

Measurement SW: DASY Module SAR V16.0.2.136

**Mode: NR Band n14, Antenna 3, Body SAR, Right edge, Ch. 158600,
10 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 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: $dx=4.0$ mm, $dy=4.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

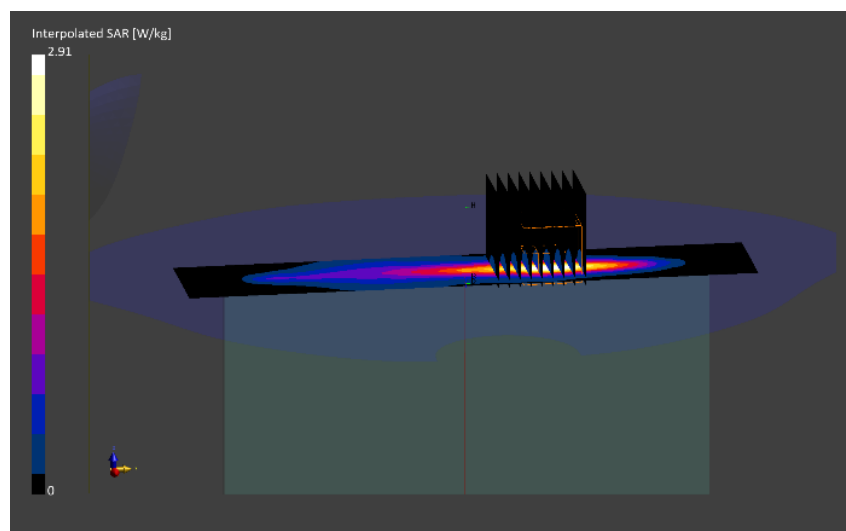
Reference Value = 0.62 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 2.91 W/kg

SAR(1 g) = 0.670 W/kg; SAR(10 g) = 0.262 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: BCGA2435; Type: Tablet Device; Serial: DM6OTTY2VT

Communication System: UID:10768 - AAD, CW; MAIA: Y; Frequency: 819.0 MHz
 Medium: 750 Head; Medium parameters used:
 $f = 819.0 \text{ MHz}$; $\text{cond} = 0.933 \text{ S/m}$; $\text{perm} = 40.7$; $\text{density} = 1000 \text{ kg/m}^3$
 Phantom Section: Flat; Space: 0.00 mm

Test Date: 09/09/2022; Ambient Temp: 23.7°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7427; ConvF:(9.67,9.67,9.67); Calibrated: 2022-02-22
 Sensor-Surface: 1.4mm (VMS + 6p)
 Electronics: DAE4 Sn1403; Calibrated: 2022-02-22
 Phantom: Twin-SAM V8.0; Serial: 1944
 Measurement SW: DASY Module SAR V16.0.2.136

**Mode: NR Band n26, Antenna 1, Body SAR, Back Side, Ch. 163800,
 10 MHz Bandwidth, CP-OFDM QPSK, 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: $dx=1.9 \text{ mm}$, $dy=1.9 \text{ mm}$, $dz=1.5 \text{ mm}$; Graded Ratio: 1.5

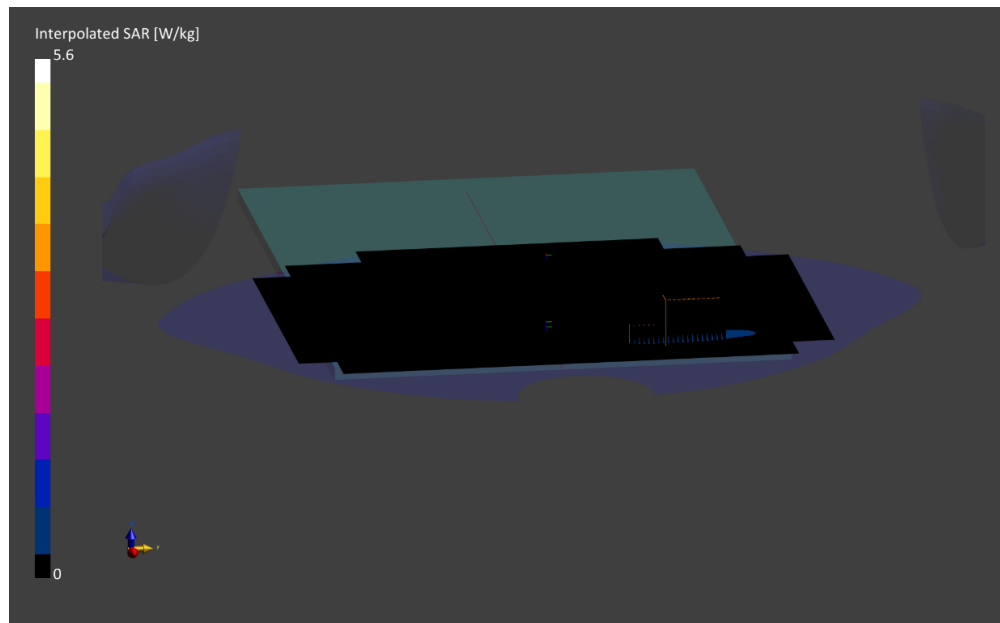
Reference Value = 0.43 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 5.60 W/kg

SAR(1 g) = 0.691 W/kg; SAR(10 g) = 0.281 W/kg

Smallest distance from peaks to all points 3 dB below is 2.5 mm

Ratio of SAR at M2 to SAR at M1 = 37.6 %



ELEMENT

DUT: BCGA2435; Type: Tablet Device; Serial: QLW4563WXL

Communication System: UID:10770 - AAD, CW; MAIA: Y; Frequency: 836.5 MHz

Medium: 835 Head; Medium parameters used:

$f = 836.5 \text{ MHz}$; $\text{cond} = 0.876 \text{ S/m}$; $\text{perm} = 40.5$; $\text{density} = 1000 \text{ kg/m}^3$

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/03/2022; Ambient Temp: 21.0°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7674; ConvF:(9.72,9.72,9.72); Calibrated: 2021-09-06

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

Electronics: DAE4 Sn1582; Calibrated: 2022-04-13

Phantom: Twin-SAM V8.0; Serial: 1917

Measurement SW: DASY Module SAR V16.0.2.136

**Mode: NR Band n5, Antenna 3. Body SAR, Top Edge, Ch. 167300,
20 MHz Bandwidth, CP-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: $dx=3.6 \text{ mm}$, $dy=3.6 \text{ mm}$, $dz=1.4 \text{ mm}$; Graded Ratio: 1.4

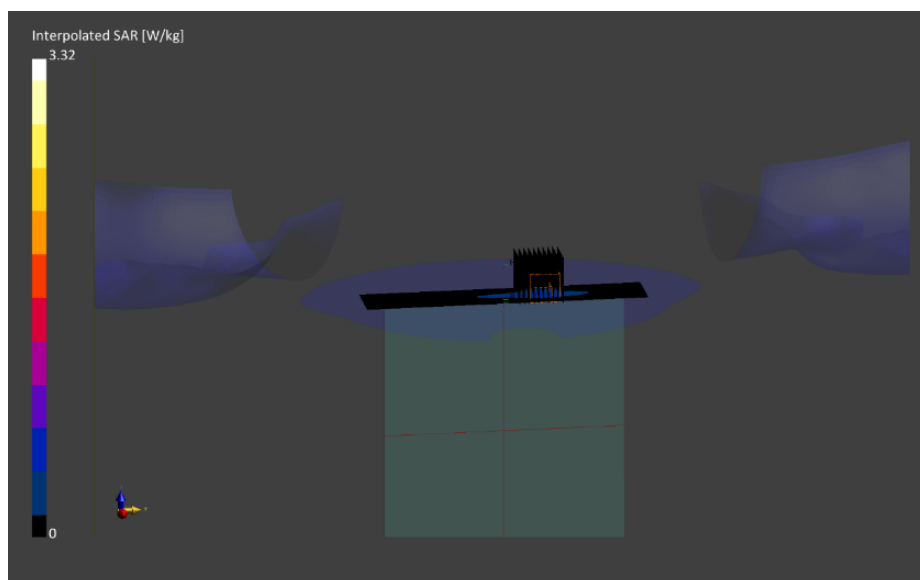
Reference Value = 0.40 W/kg; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 3.32 W/kg

SAR(1 g) = 0.675 W/kg; SAR(10 g) = 0.253 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 = 52.2 %



ELEMENT

DUT: BCGA2435; Type: Tablet Device; Serial: KV24T2PT9R

Communication System: UID:10930 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1702.5 MHz

Medium: 1750 Head; Medium parameters used:

$f = 1702.5$ MHz; $\text{cond} = 1.29$ S/m; $\text{perm} = 39.4$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/11/2022; Ambient Temp: 22.8°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7421; ConvF:(7.91,7.91,7.91); Calibrated: 2022-03-22

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

Electronics: DAE4 Sn604; Calibrated: 2022-03-22

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

Measurement SW: DASY Module SAR V16.0.2.136

**Mode: NR Band n70, Antenna 2b, Body SAR, Bottom edge, Ch. 340500,
15 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 40 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: $dx=3.5$ mm, $dy=3.5$ mm, $dz=1.2$ mm; Graded Ratio: 1.2

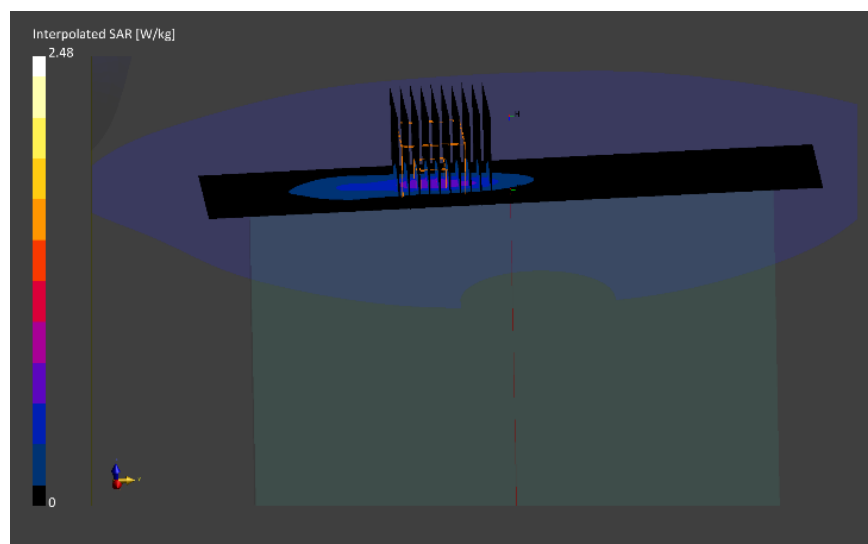
Reference Value = 0.97 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.47 W/kg

SAR(1 g) = 0.669 W/kg; SAR(10 g) = 0.245 W/kg

Smallest distance from peaks to all points 3 dB below is 4.9 mm

Ratio of SAR at M2 to SAR at M1 = 68.4 %



ELEMENT

DUT: BCGA2435; Type: Tablet Device; Serial: P3K2L17CM6

Communication System: UID:10773 - AAD, CW; MAIA: Y; Frequency: 1745.0 MHz
 Medium: 1750 Head; Medium parameters used:
 $f = 1745.0 \text{ MHz}$; $\text{cond} = 1.34 \text{ S/m}$; $\text{perm} = 38.4$; $\text{density} = 1000 \text{ kg/m}^3$
 Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/18/2022; Ambient Temp: 19.7°C; Tissue Temp: 19.2°C

Probe: EX3DV4 - SN7546; ConvF:(8.54,8.54,8.54); Calibrated: 2022-04-22
 Sensor-Surface: 1.4mm (VMS + 6p)
 Electronics: DAE4 Sn1402; Calibrated: 2022-04-14
 Phantom: Twin-SAM V8.0; Serial: 2070
 Measurement SW: DASY Module SAR V16.0.2.83

**Mode: NR Band n66, Antenna 1, Body SAR, Back Side, Ch. 349000,
 40 MHz Bandwidth, CP-OFDM QPSK, 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: $dx=2.4 \text{ mm}$, $dy=2.4 \text{ mm}$, $dz=1.5 \text{ mm}$; Graded Ratio: 1.5

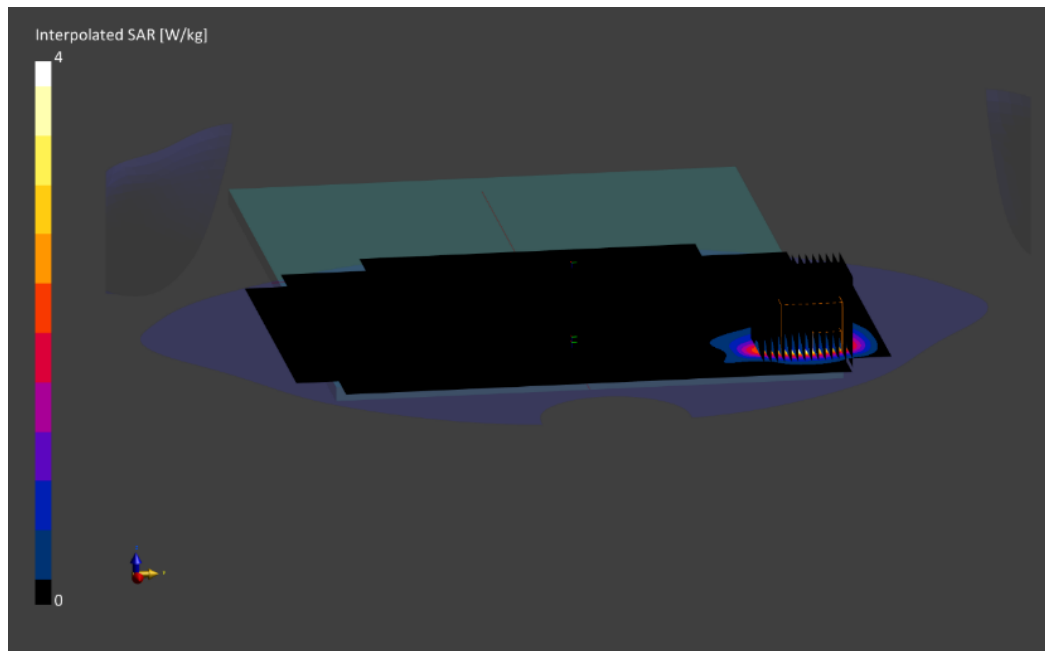
Reference Value = 0.70 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 4.00 W/kg

SAR(1 g) = 0.777 W/kg; SAR(10 g) = 0.352 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 = 48.9 %



ELEMENT

DUT: BCGA2435; Type: Tablet Device; Serial: R4YNF41VF

Communication System: UID:10942 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1882.5 MHz

Medium: 1900 Head; Medium parameters used:

$f = 1882.5 \text{ MHz}$; $\text{cond} = 1.43 \text{ S/m}$; $\text{perm} = 39.7$; $\text{density} = 1000 \text{ kg/m}^3$

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/30/2022; Ambient Temp: 20.3°C; Tissue Temp: 18.5°C

Probe: EX3DV4 - SN7532; ConvF:(8.37,8.37,8.37); Calibrated: 2022-04-22

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

Electronics: DAE4 Sn501; Calibrated: 2022-04-13

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

Measurement SW: DASY Module SAR V16.0.2.136

**Mode: NR Band n25, Antenna 4b, Body SAR, 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 (30.0 x 30.0 x 30.0): Measurement grid: $dx=3.1 \text{ mm}$, $dy=3.1 \text{ mm}$, $dz=1.2 \text{ mm}$; Graded Ratio: 1.2

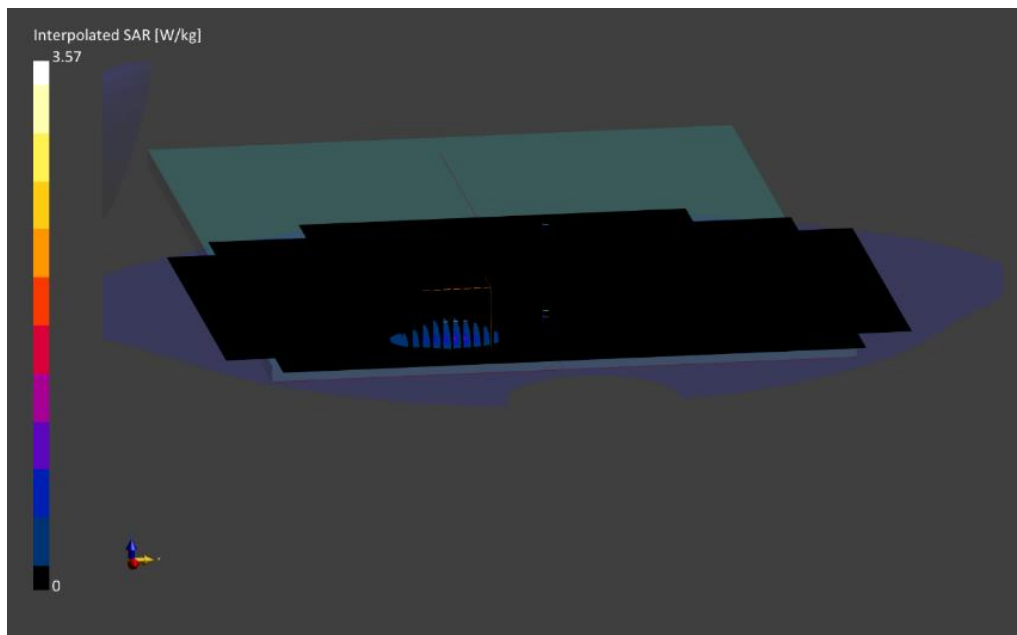
Reference Value = 1.11 W/kg; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 3.57 W/kg

SAR(1 g) = 0.759 W/kg; SAR(10 g) = 0.292 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 = 57.2 %



ELEMENT

DUT: BCGA2435; Type: Tablet Device; Serial: 563WXL

Communication System: UID:10945 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 2310.0 MHz
 Medium: 2450 Head; Medium parameters used:
 $f = 2310.0 \text{ MHz}$; $\text{cond} = 1.70 \text{ S/m}$; $\text{perm} = 38.4$; $\text{density} = 1000 \text{ kg/m}^3$
 Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/31/2022; Ambient Temp: 23.1°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN3837; ConvF:(7.36,7.36,7.36); Calibrated: 2022-01-19
 Sensor-Surface: 1.4mm (VMS + 6p)
 Electronics: DAE4 Sn793; Calibrated: 2022-01-13
 Phantom: Twin-SAM V8.0; Serial: 2034
 Measurement SW: DASY Module SAR V16.0.2.136

**Mode: NR Band n30, Antenna 2b, Body SAR, Back side, Ch. 462000,
 10 MHz Bandwidth, DFT-s-OFDM QPSK, 50 RB, 0 RB Offset**

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

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=4.1 \text{ mm}$, $dy=4.1 \text{ mm}$, $dz=1.4 \text{ mm}$; Graded Ratio: 1.4

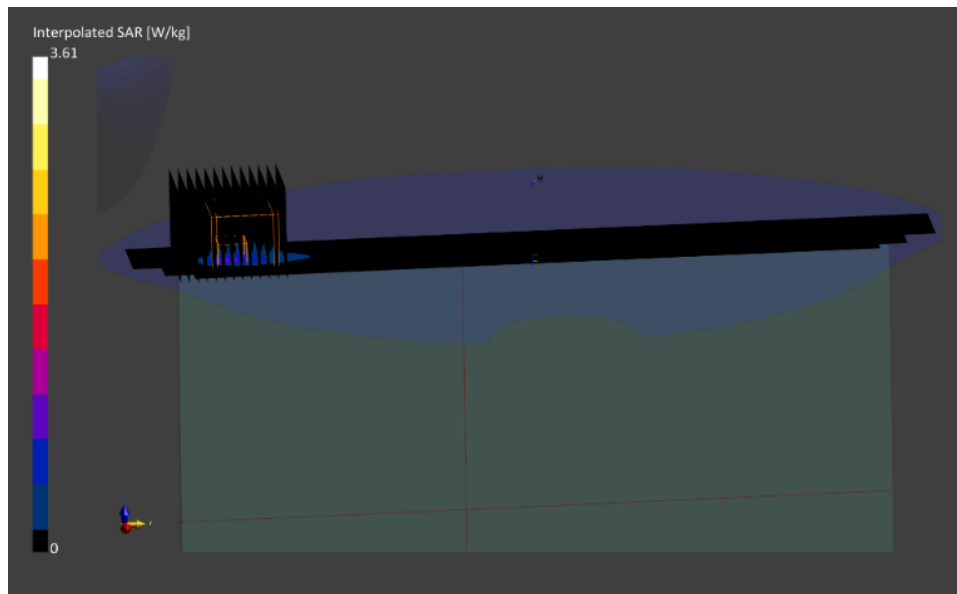
Reference Value = 0.65 W/kg; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.59 W/kg

SAR(1 g) = 0.689 W/kg; SAR(10 g) = 0.277 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 = 64.3 %



ELEMENT

DUT: BCGA2435; Type: Tablet Device; Serial: F70633NVTK

Communication System: UID:10773 - AAD, CW; MAIA: Y; Frequency: 2535.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2535.0 \text{ MHz}$; $\text{cond} = 1.97 \text{ S/m}$; $\text{perm} = 38.1$; $\text{density} = 1000 \text{ kg/m}^3$

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/12/2022; Ambient Temp: 22.7°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7420; ConvF:(7.36,7.36,7.36); Calibrated: 2021-10-27

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

Electronics: DAE4 Sn1237; Calibrated: 2021-11-18

Phantom: Twin-SAM V4.0; Serial: 1598

Measurement SW: DASY Module SAR V16.0.2.136

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

Area Scan (40.0 x 220.0): Measurement grid: $dx=5.0 \text{ mm}$, $dy=10.0 \text{ mm}$

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

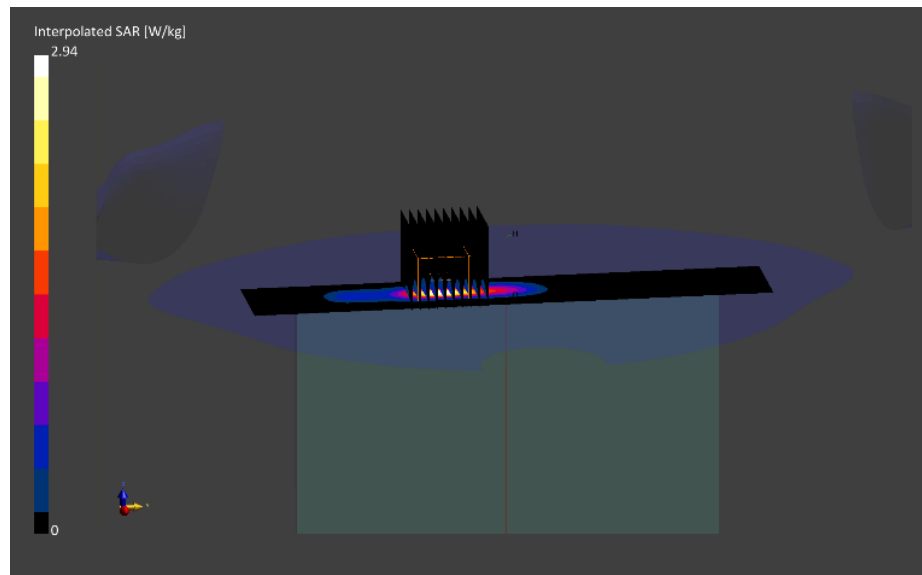
Reference Value = 1.00 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.94 W/kg

SAR(1 g) = 0.714 W/kg; SAR(10 g) = 0.229 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 = 60.6 %



ELEMENT

DUT: BCGA2435; Type: Tablet Device; Serial: F70633NVTK

Communication System: UID:10803 - AAD, 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; $\text{perm} = 37.9$; $\text{density} = 1000$ kg/m³
 Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/28/2022; Ambient Temp: 23.3°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN7420; ConvF:(7.36,7.36,7.36); Calibrated: 2021-10-27
 Sensor-Surface: 1.4mm (VMS + 6p)
 Electronics: DAE4 Sn1237; Calibrated: 2021-11-18
 Phantom: Twin-SAM V4.0; Serial: 1598
 Measurement SW: DASY Module SAR V16.0.2.136

**Mode: NR Band n41, Antenna 2b, Body SAR, Back Side, Ch. 518598,
 100 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: $dx=2.8$ mm, $dy=2.8$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

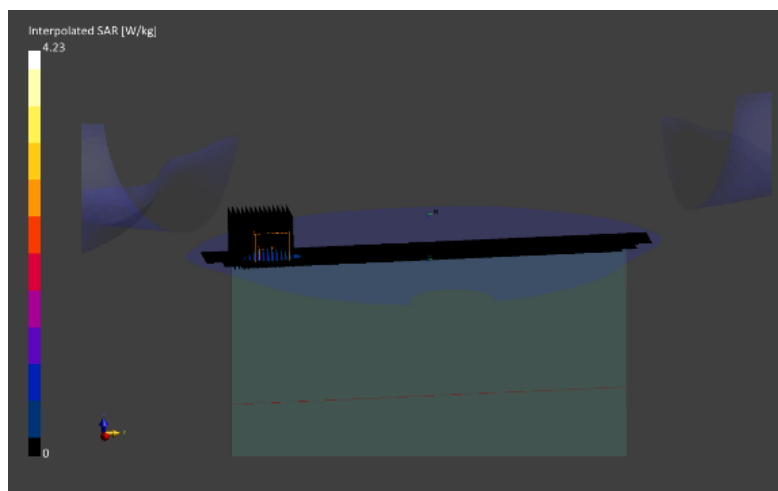
Reference Value = 1.06 W/kg; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.97 W/kg

SAR(1 g) = 0.789 W/kg; SAR(10 g) = 0.304 W/kg

Smallest distance from peaks to all points 3 dB below is 4.5 mm

Ratio of SAR at M2 to SAR at M1 = 61.3 %



ELEMENT

DUT: BCGA2435; Type: Tablet Device; Serial: NJ5X4097NF

Communication System: UID:10803 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3500.0 MHz

Medium: 3600 Head; Medium parameters used:

$f = 3500.0$ MHz; $\text{cond} = 2.91$ S/m; $\text{perm} = 36.9$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/06/2022; Ambient Temp: 20.7°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7416; ConvF:(6.67,6.67,6.67); Calibrated: 2022-05-18

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

Electronics: DAE4 Sn701; Calibrated: 2022-05-16

Phantom: Twin-SAM V8.0; Serial: 2071

Measurement SW: DASY Module SAR V16.0.2.83

**Mode: NR Band n77 (DoD) PC2, Antenna 2a, Body SAR, Right Edge,
100 MHz Bandwidth, Ch. 633334, CP-OFDM QPSK, 1 RB, 1 RB Offset**

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

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: $dx=3.1$ mm, $dy=3.1$ mm, $dz=1.2$ mm; Graded Ratio: 1.2

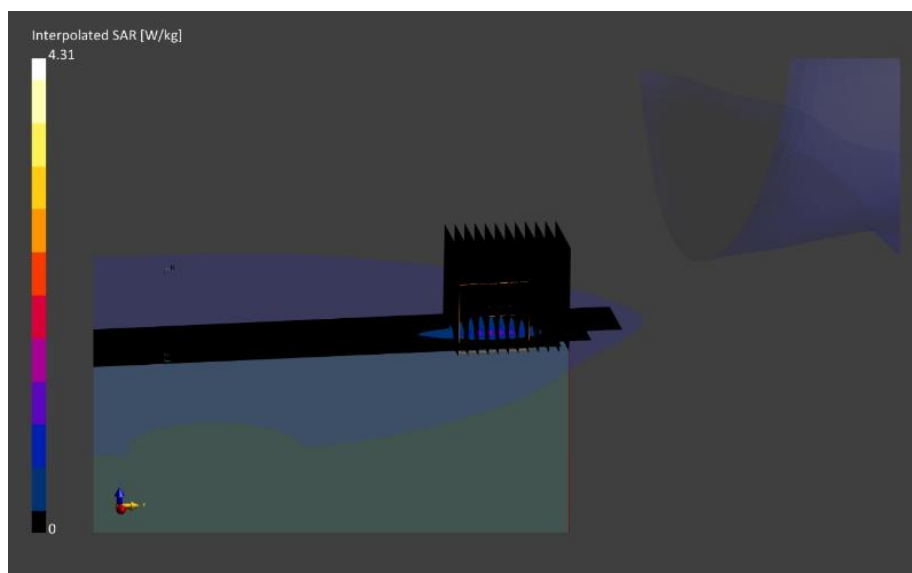
Reference Value = 0.94 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 4.31 W/kg

SAR(1 g) = 0.855 W/kg; SAR(10 g) = 0.233 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 = 61.9 %



ELEMENT

DUT: BCGA2435; Type: Tablet Device; Serial: PDQY9QXYPV

Communication System: UID:10917 - AAB, 5G NR FR1 TDD; MAIA: Y; Frequency: 3930.0 MHz

Medium: 3600 Head; Medium parameters used:

$f = 3930.0$ MHz; $\text{cond} = 3.27$ S/m; $\text{perm} = 36.4$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/06/2022; Ambient Temp: 20.7°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7416; ConvF:(6.4,6.4,6.4); Calibrated: 2022-05-18

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

Electronics: DAE4 Sn701; Calibrated: 2022-05-16

Phantom: Twin-SAM V8.0; Serial: 2071

Measurement SW: DASY Module SAR V16.0.2.83

**Mode: NR Band n77 C PC2, Antenna 2a, Body SAR, Right Edge, Ch. 662000,
100 MHz Bandwidth, DFT-s-OFDM QPSK, 135 RB, 0 RB Offset**

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

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: $dx=3.2$ mm, $dy=3.2$ mm, $dz=1.2$ mm; Graded Ratio: 1.2

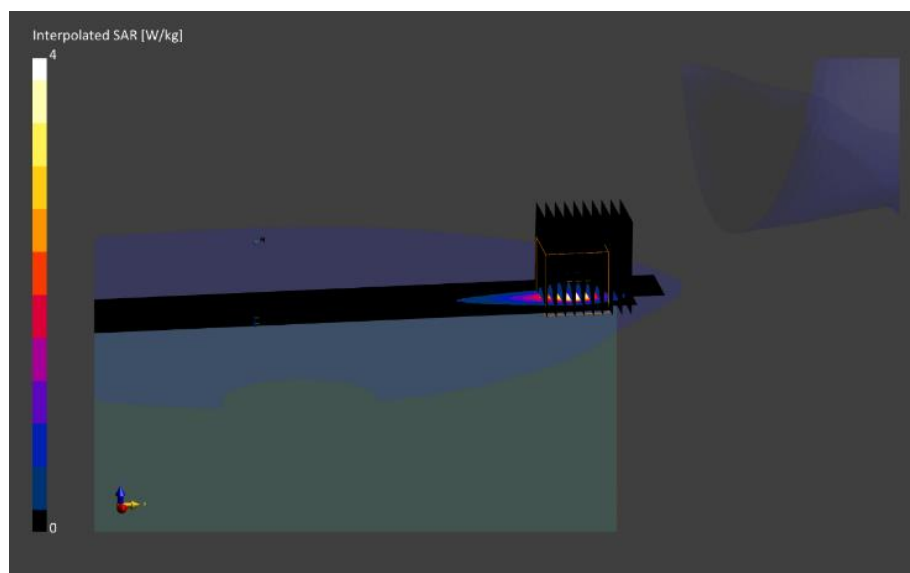
Reference Value = 0.90 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 4.00 W/kg

SAR(1 g) = 0.836 W/kg; SAR(10 g) = 0.214 W/kg

Smallest distance from peaks to all points 3 dB below is 4.5 mm

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



ELEMENT

DUT: BCGA2435; Type: Tablet Device; Serial: WX9QMXTQ70

Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2412.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2412.0$ MHz; $\text{cond} = 1.79$ S/m; $\text{perm} = 39.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/29/2022; Ambient Temp: 23.1°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7308; ConvF:(7.94,7.94,7.94); Calibrated: 2022-02-21

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

Electronics: DAE4 Sn467; Calibrated: 2022-02-24

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

Measurement SW: DASY Module SAR V16.0.2.136

**Mode: IEEE 802.11b, 22 MHz Bandwidth, Antenna 4a,
Variant 2, Body SAR, Back Side, Ch. 1, 1 Mbps**

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: $dx=4.7$ mm, $dy=4.7$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

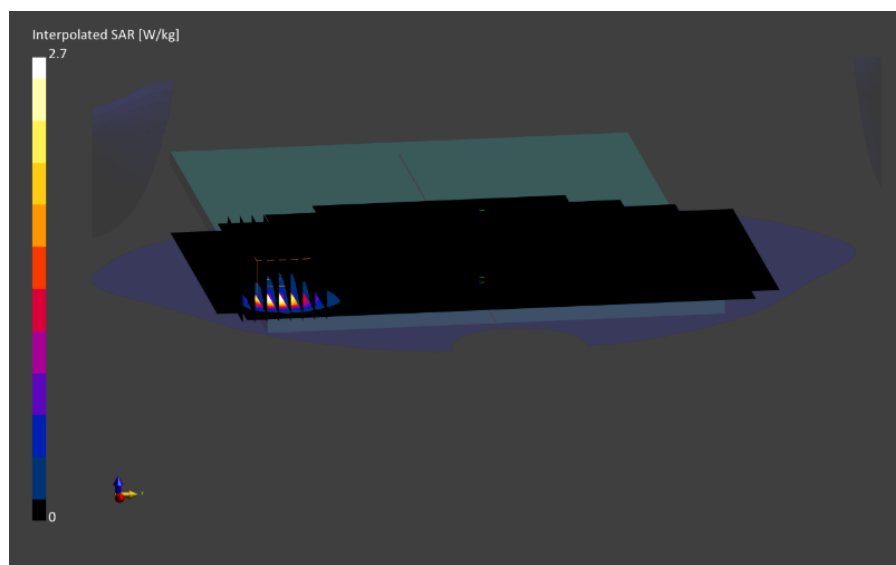
Reference Value = 0.87 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.70 W/kg

SAR(1 g) = 0.805 W/kg; SAR(10 g) = 0.304 W/kg

Smallest distance from peaks to all points 3 dB below is 5.9 mm

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



ELEMENT

DUT: BCGA2435; Type: Tablet Device; Serial: QY4T00NCF0

Communication System: UID:10544 - AAC, WLAN; MAIA: Y; Frequency: 5610.0 MHz

Medium: 5200-5800 Head; Medium parameters used:

$f = 5610.0$ MHz; $\text{cond} = 5.00$ S/m; $\text{perm} = 35.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/10/2022; Ambient Temp:22.0°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7638; ConvF:(4.96,4.96,4.96); Calibrated: 2022-03-22

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

Electronics: DAE4 Sn1408; Calibrated: 2022-03-21

Phantom: Twin-SAM V8.0; Serial: 2027

Measurement SW: DASY Module SAR V16.0.2.136

**Mode: IEEE 802.11ac, 80 MHz Bandwidth, UNII-2C, Antenna WF5B,
Variant 2, Ch. 122, Body SAR, Right Edge, 29.3 Mbps**

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

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

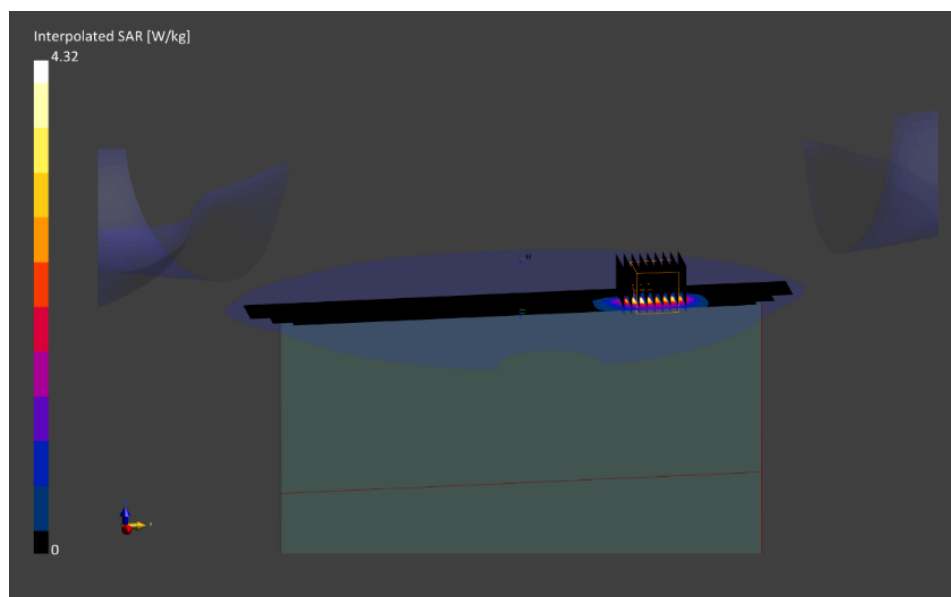
Reference Value = 0.89 W/kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 4.32 W/kg

SAR(1 g) = 0.955 W/kg; SAR(10 g) = 0.301 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 = 59.5 %



ELEMENT

DUT: BCGA2435; Type: Tablet Device; Serial: LCL639YM62

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

Medium: 2450 Head; Medium parameters used:

$f = 2480.0$ MHz; $\text{cond} = 1.89$ S/m; $\text{perm} = 38.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/22/2022; Ambient Temp: 23.4°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7427; ConvF:(7.28,7.28,7.28); Calibrated: 2022-02-22

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

Electronics: DAE4 Sn1403; Calibrated: 2022-02-22

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

Measurement SW: DASY Module SAR V16.0.2.136

Mode: Bluetooth, Antenna 4a, Variant 1, Body SAR, Ch. 78, 1Mbps, Back Side

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: $dx=3.7$ mm, $dy=3.7$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

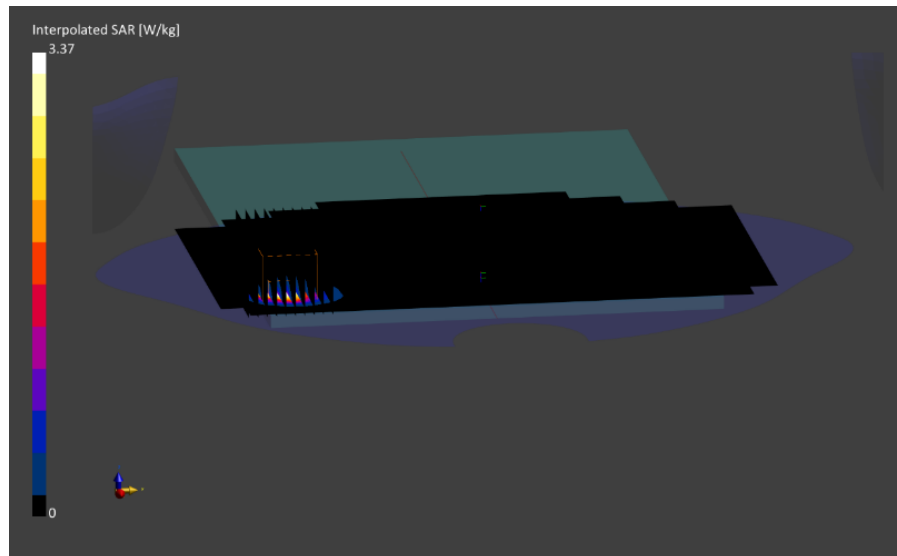
Reference Value = 0.66 W/kg; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 3.37 W/kg

SAR(1 g) = 0.835 W/kg; SAR(10 g) = 0.298 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 = 59.8 %



ELEMENT

DUT: BCGA2435; Type: Tablet Device; Serial: LCL639YM62

Communication System: UID:10032 - CAA, CW; MAIA: Y; Frequency: 5844.0 MHz
 Medium: 5200-5800 Head; Medium parameters used:
 $f = 5844.0 \text{ MHz}$; $\text{cond} = 5.26 \text{ S/m}$; $\text{perm} = 34.9$; $\text{density} = 1000 \text{ kg/m}^3$
 Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/31/2022; Ambient Temp: 21.5°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7638; ConvF:(5.18,5.18,5.18); Calibrated: 2022-03-22
 Sensor-Surface: 1.4mm (VMS + 6p)
 Electronics: DAE4 Sn1408; Calibrated: 2022-03-21
 Phantom: Twin-SAM V8.0; Serial: 2027
 Measurement SW: DASY Module SAR V16.0.2.136

Mode: NB UNII-3, Antenna 4a, Variant 1, Body SAR, Ch. 5844, 1Mbps, Back Side

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: $dx=3.24 \text{ mm}$, $dy=3.24 \text{ mm}$, $dz=1.4 \text{ mm}$; Graded Ratio: 1.4

Reference Value = 0.72 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 6.96 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.236 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 = 53.6 %

