APPENDIX A: SAR TEST PLOTS

ELEMENT

DUT: BCGA2696; Type: Tablet Device; Serial: KKGJYGGJ9V

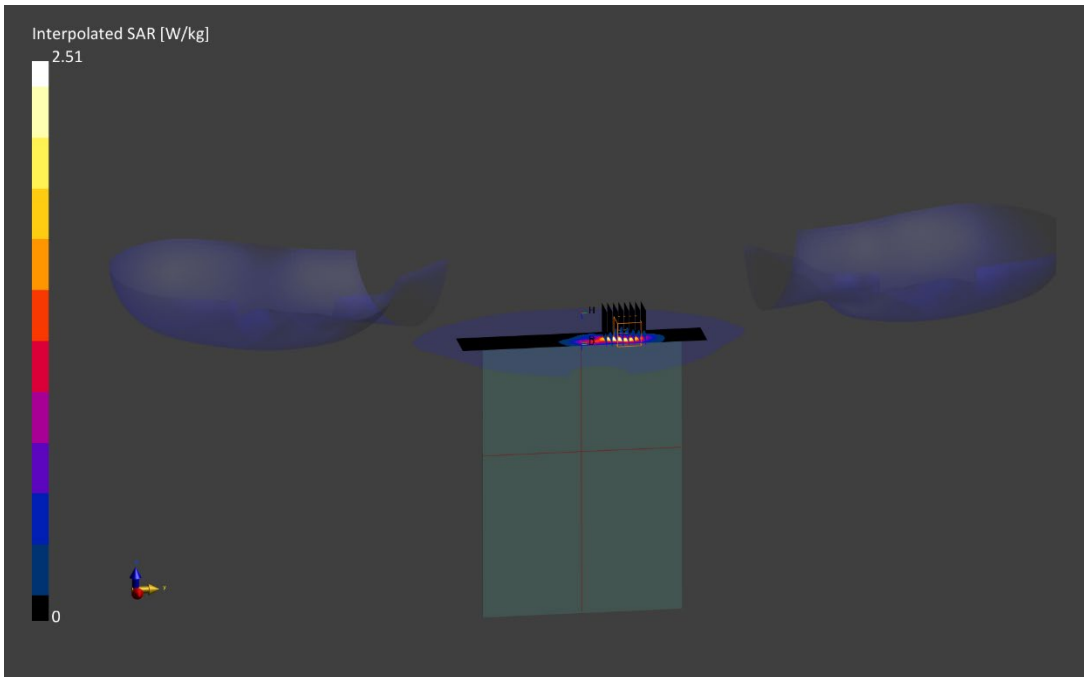
Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2462.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2462.0 MHz; cond = 1.87 S/m; perm = 38.2; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

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: IEEE 802.11b, 22 MHz Bandwidth, Antenna WF8, Variant 1, Body SAR, Top Edge, Ch. 11, 1 Mbps

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=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.51 W/kg; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 2.51 W/kg
SAR(1 g) = 0.913 W/kg; SAR(10 g) = 0.388 W/kg
Smallest distance from peaks to all points 3 dB below is 6.1 mm
Ratio of SAR at M2 to SAR at M1 = 72.1 %



ELEMENT

DUT: BCGA2696; Type: Tablet Device; Serial: GJN7M49FV0

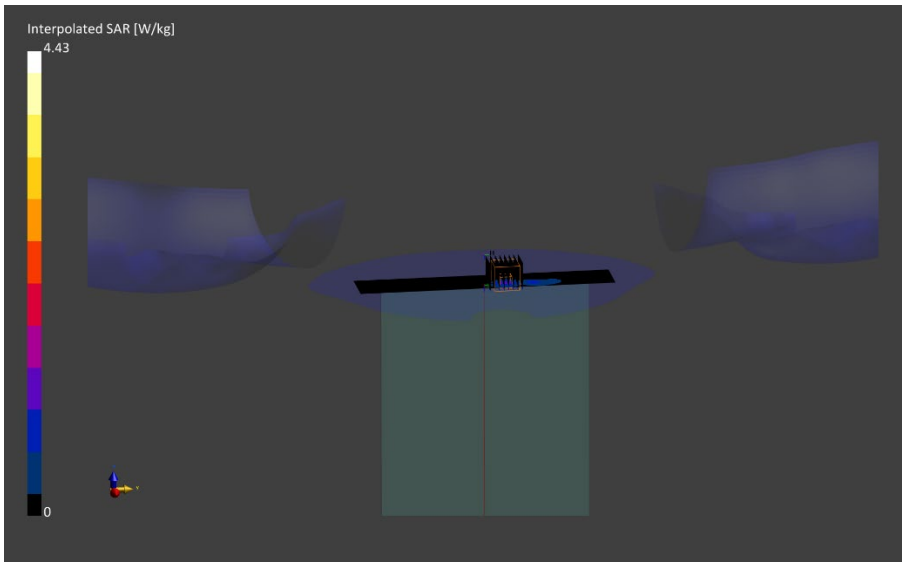
Communication System: UID:10544 - AAC, WLAN; MAIA: Y; Frequency: 5775.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5775.0 MHz; cond = 5.14 S/m; perm = 34.1; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/30/2022; Ambient Temp: 24.0°C; Tissue Temp: 21.0°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: IEEE 801.11ac, Variant 1, 80 MHz Bandwidth, UNII-3, Antenna WF8, Ch. 155, Body SAR, Top Edge, 29.3 Mbps

Area Scan (40.0 x 220.0): 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 = 0.83 W/kg; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 4.43 W/kg
SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.303 W/kg
Smallest distance from peaks to all points 3 dB below is 5.6 mm
Ratio of SAR at M2 to SAR at M1 = 59.2 %



ELEMENT

DUT: BCGA2696; Type: Tablet Device; Serial: DJ5RH2FYVR

Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2441.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2441.0 MHz; cond = 1.81 S/m; perm = 37.6; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/25/2022; Ambient Temp: 22.5°C; Tissue Temp: 20.8°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: Bluetooth, Antenna WF7B, Variant 1, Body SAR, Ch. 39, 1Mbps, Left Edge

Area Scan (40.0 x 280.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.75 W/kg; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.553 W/kg; SAR(10 g) = 0.242 W/kg
Smallest distance from peaks to all points 3 dB below is 8.0 mm
Ratio of SAR at M2 to SAR at M1 = 76.7 %