APPENDIX A: SAR TEST DATA

PCTEST

DUT: A3LSMF711U1; Type: Portable Handset; Serial: 1456M

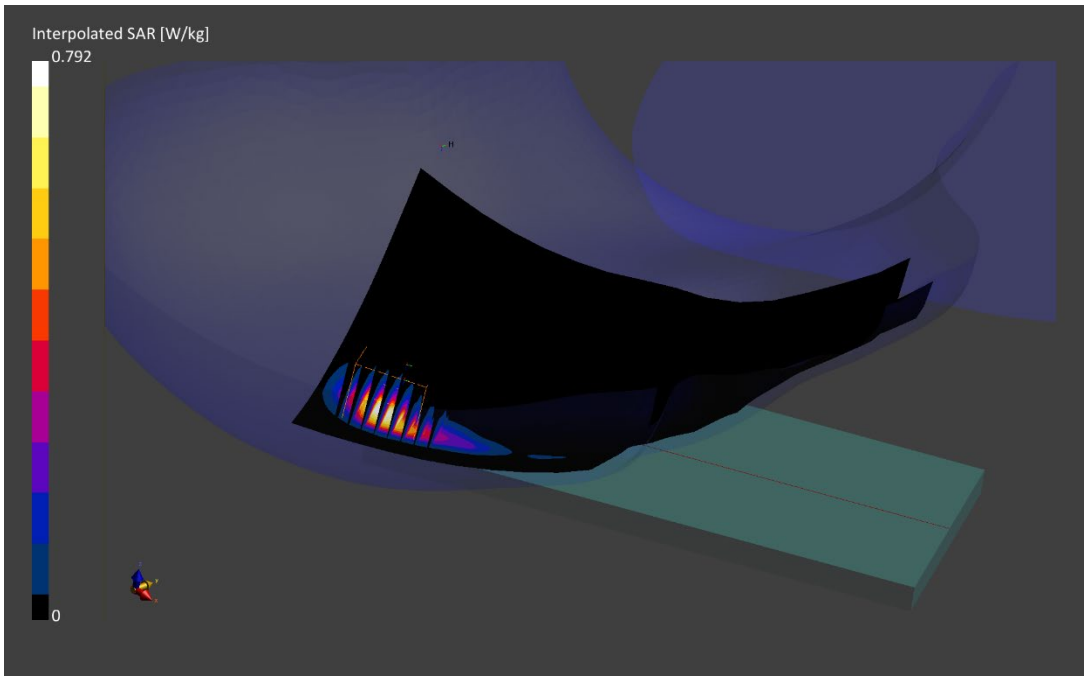
Communication System: UID:10903 - AAB, 5G NR FR1 TDD; MAIA: Y; Frequency: 3625.0 MHz
Medium: 3600 Head; Medium parameters used:
f = 3625.0 MHz; cond = 3.00 S/m; perm = 38.3; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 12/21/2021; Ambient Temp: 20.9°C; Tissue Temp: 18.4°C

Probe: EX3DV4 - SN7670; ConvF:(6.93,6.93,6.93); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1630
Measurement SW: DASY Module SAR V16.0.0.116

Mode: NR Band n48, Right Head, Cheek, 40 MHz Bandwidth, DFT-s-OFDM QPSK, Ch.641666, 1 RB, 104 RB Offset

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 0.64 W/kg; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 2.17 W/kg
SAR(1 g) = 0.673 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 = 70.7 %



PCTEST

DUT: A3LSMF711U1; Type: Portable Handset; Serial: 1456M

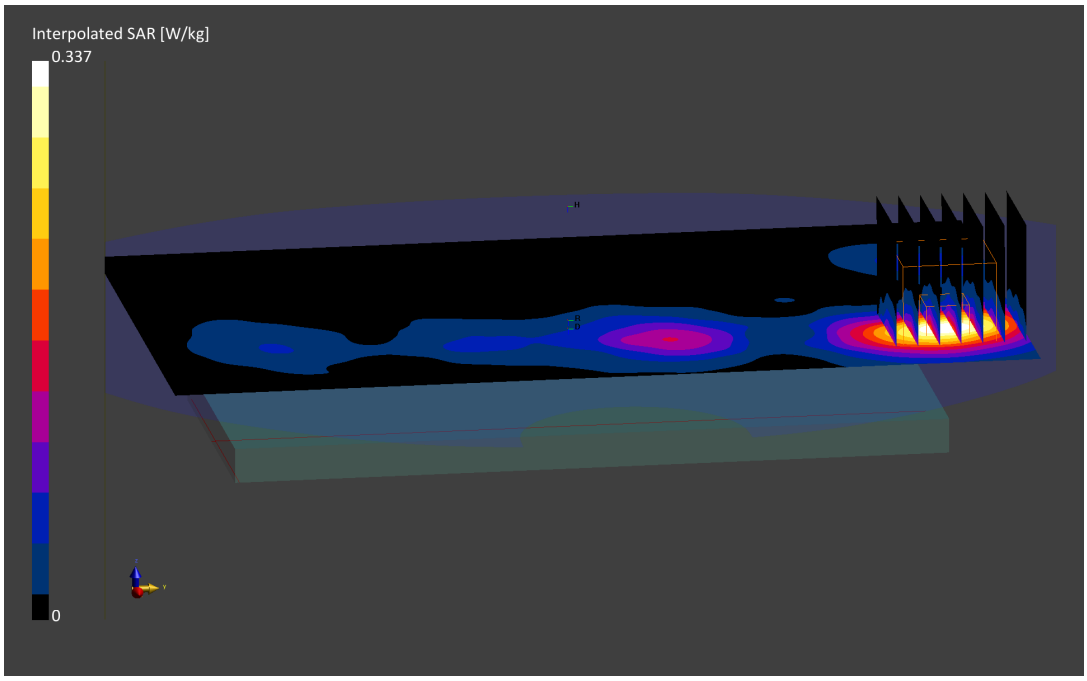
Communication System: UID:10913 - AAB, 5G NR FR1 TDD; MAIA: Y; Frequency: 3680.0 MHz
Medium: 3600 Body; Medium parameters used:
f = 3680.0 MHz; cond = 3.47 S/m; perm = 50.7; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 12/14/2021; Ambient Temp: 20.1°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7661; ConvF:(6.66,6.66,6.66); Calibrated: 2021-06-28
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1450; Calibrated: 2021-08-16
Phantom: Twin-SAM V5.0; Serial: 1692 Right Back
Measurement SW: DASY Module SAR V16.0.0.116

Mode: NR Band n48, Body SAR, Back side, Open, 40 MHz Bandwidth, DFT-s-OFDM QPSK, Ch.645332, 50 RB, 56 RB Offset

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5
Reference Value = 0.11 W/kg; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.337 W/kg
SAR(1 g) = 0.148 W/kg
Smallest distance from peaks to all points 3 dB below is 10.3 mm
Ratio of SAR at M2 to SAR at M1 = 76.0 %



PCTEST

DUT: A3LSMF711U1; Type: Portable Handset; Serial: 1456M

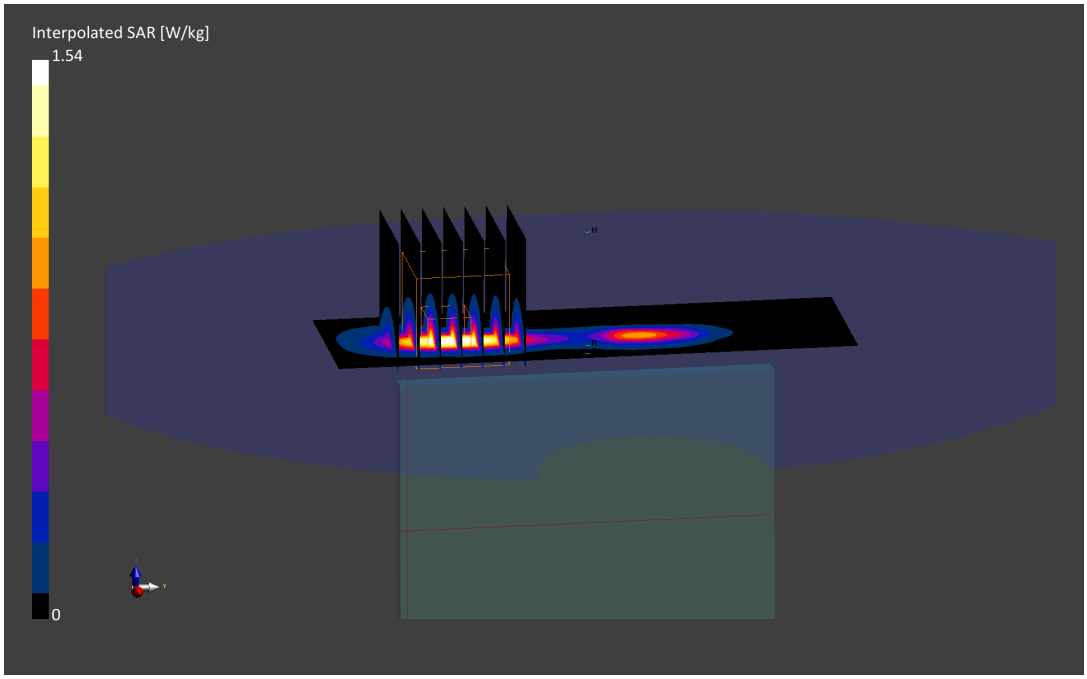
Communication System: UID:10797 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3680.0 MHz
Medium: 3600 Body; Medium parameters used:
f = 3680.0 MHz; cond = 3.47 S/m; perm = 50.7; density = 1000 kg/m3
Phantom Section: Flat; Space: 5.00 mm

Test Date: 12/14/2021; Ambient Temp: 20.1°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7661; ConvF:(6.66,6.66,6.66); Calibrated: 2021-06-28
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1450; Calibrated: 2021-08-16
Phantom: Twin-SAM V5.0; Serial: 1692 Right Back
Measurement SW: DASY Module SAR V16.0.0.116

Mode: NR Band n48, Body SAR, Left Edge, Closed, 40 MHz Bandwidth, CP-OFDM QPSK, Ch.645322, 1 RB, 1 RB Offset

Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=4.9 mm, dy=4.9 mm, dz=1.4 mm; Graded Ratio: 1.5
Reference Value = 0.69 W/kg; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 3.12 W/kg
SAR(1 g) = 1.01 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 = 71.9 %



DUT: A3LSMF711U1; Type: Portable Handset; Serial: 1456M

Communication System: UID:10797 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3680.0 MHz
Medium: 3600 Body; Medium parameters used:
f = 3680.0 MHz; cond = 3.37 S/m; perm = 48.9; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 02/07/2022; Ambient Temp: 21.3°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7661; ConvF:(6.66,6.66,6.66); Calibrated: 2021-06-28
Sensor-Surface: 1.4mm (All points)
Electronics: DAE4 Sn1450; Calibrated: 2021-08-16
Phantom: Twin-SAM V5.0; Serial: 1692rightback
Measurement SW: DASY Module SAR V16.0.0.116

Mode: NR Band n48, Phablet SAR, Left Edge, Ch. 645332, 40 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset

Area Scan (40.0 x 200.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (33.0 x 33.0 x 28.0): Measurement grid: dx=3.0 mm, dy=3.0 mm, dz=1.4 mm; Graded Ratio: 1.5
Reference Value = 4.06 W/kg; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 39.5 W/kg
SAR(10 g) = 2.57 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 = 63.1 %