

APPENDIX A: SAR TEST PLOTS

ELEMENT

DUT: 2A22JOTSTATION/28101- OTSTATION; Type: Portable Handset; Serial: 00070

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

Medium: 2450 Head; Medium parameters used:

f = 2437.0 MHz; cond = 1.81 S/m; perm = 39.0; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 03/28/2023; Ambient Temp: 20.5°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7570; ConvF:(7.55,7.55,7.55); Calibrated: 2023-01-11

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

Electronics: DAE4 Sn1558; Calibrated: 2023-01-17

Phantom: Twin-SAM V8.0; Serial: 2060

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: IEEE 802.11b, 22 MHz Bandwidth, Body SAR, Left Edge, Ch. 6, 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

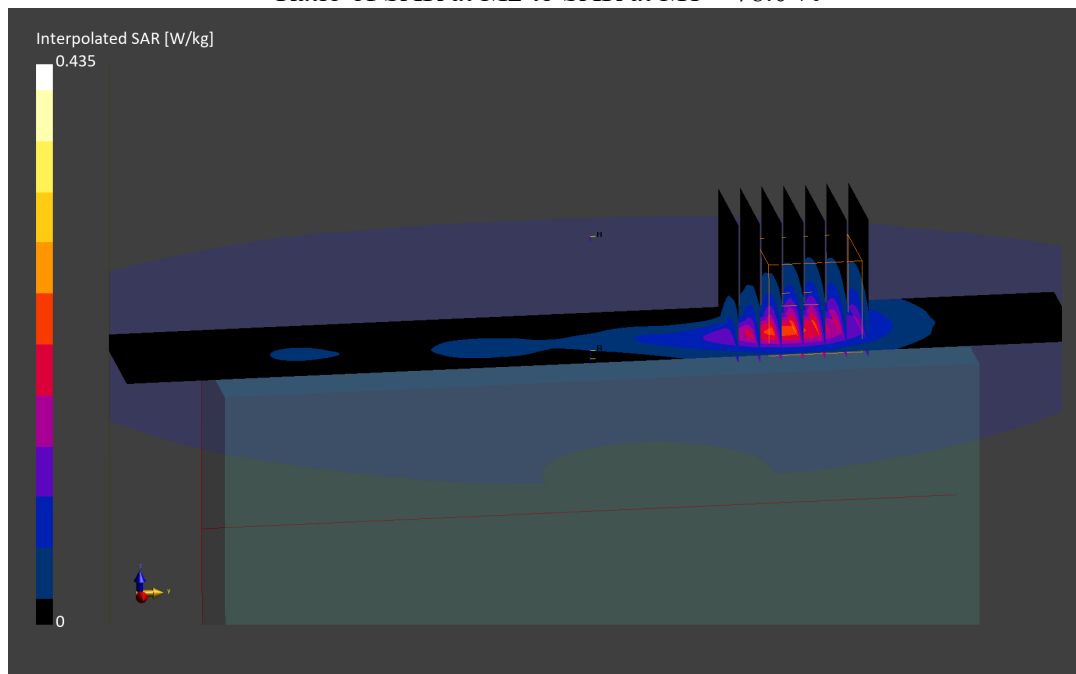
Reference Value = 0.22 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.435 W/kg

SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.105 W/kg

Smallest distance from peaks to all points 3 dB below is 11.5 mm

Ratio of SAR at M2 to SAR at M1 = 78.0 %



ELEMENT

DUT: 2A22JOTSTATION/28101- OTSTATION; Type: Portable Handset; Serial: 00070

Communication System: UID:10670 - AAA, Bluetooth; MAIA: Y; Frequency: 2480.0 MHz

Medium: 2450 Head; Medium parameters used:

f = 2480.0 MHz; cond = 1.85 S/m; perm = 38.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 04/05/2023; Ambient Temp: 22.9°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN7570; ConvF:(7.55,7.55,7.55); Calibrated: 2023-01-11

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

Electronics: DAE4 Sn1558; Calibrated: 2023-01-17

Phantom: Twin-SAM V8.0; Serial: 2060

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: Bluetooth Low Energy, Body SAR, Ch. 39, 1Mbps, Left Edge

Area Scan (70.0 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 = 0.00 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.004 W/kg

SAR(1 g) = 0.000 W/kg; SAR(10 g) = 0.000 W/kg

Smallest distance from peaks to all points 3 dB below is 2.0 mm

Ratio of SAR at M2 to SAR at M1 = 65.6 %

