

APPENDIX B: SAR DIPOLE VERIFICATION PLOTS

ELEMENT

DUT: Dipole 13.000 MHz; Type: CLA-13 - SN1002

Communication System: UID: 0, CW; Frequency: 13.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
f = 13.000 MHz; cond = 0.776 S/m; perm = 52.6; density = 1000 kg/m³
Phantom Section: Flat; Space: 0 mm

Test Date: 12/30/2025; Ambient Temp: 21.0°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7527; ConvF:(15.54,13.79,16.87); Calibrated: 2025-10-14
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; Calibrated: 2025-03-11
Phantom: ELI V8.0; Serial: 2077
Measurement SW: DASY Module SAR V16.4.0.5005

13.0 MHz System Verification at 30.0 dBm (1000 mW)

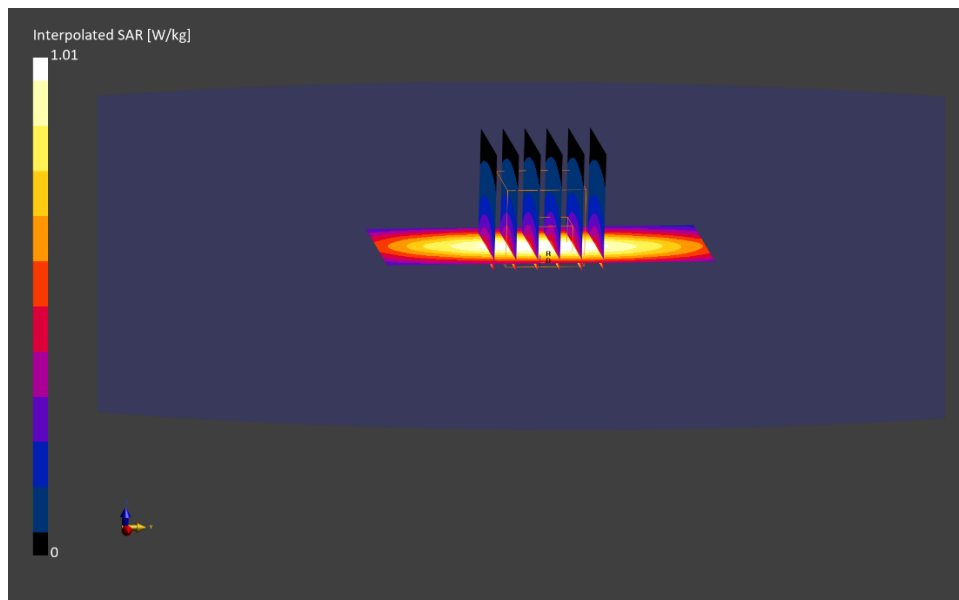
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.507 W/kg; SAR(10 g) = 0.314 W/kg

Deviation (1 g) = 0.80%; Deviation (10 g) = -0.63%



ELEMENT

DUT: Dipole 750.000 MHz; Type: D750V3 - SN1046

Communication System: UID: 0, CW; Frequency: 750.000 MHz
Medium: 750 Head; Medium parameters used:
f = 750.000 MHz; cond = 0.888 S/m; perm = 42.0; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 11/17/2025; Ambient Temp: 24.0°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN7546; ConvF:(9.51,8.86,9.45); Calibrated: 2025-04-11
Sensor-Surface: 1.4mm (All points)
Electronics: DAE4 Sn1368; Calibrated: 2025-04-07
Phantom: Twin-SAM V5.0; Serial: 1715
Measurement SW: DASY Module SAR V16.4.0.5005

750.0 MHz System Verification at 23.0 dBm (200 mW)

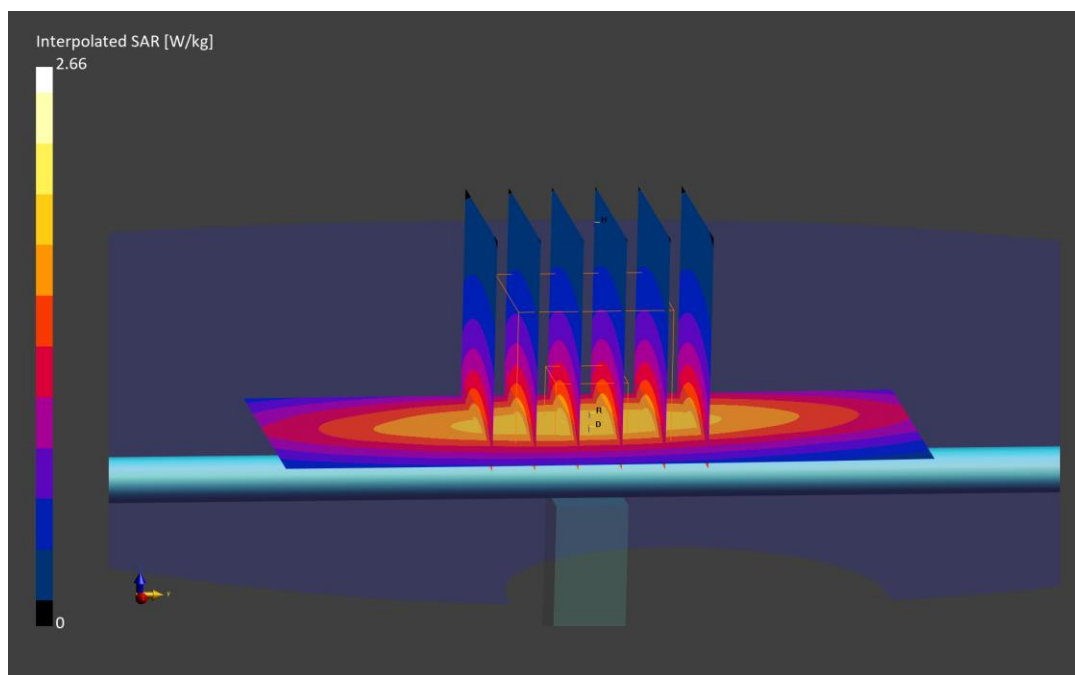
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 2.66 W/kg

SAR(1 g) = 1.75 W/kg; SAR(10 g) = 1.16 W/kg

Deviation (1 g) = 2.22%; Deviation (10 g) = 4.88%



ELEMENT

DUT: Dipole 750.000 MHz; Type: D750V3 - SN1054

Communication System: UID: 0, CW; Frequency: 750.000 MHz
Medium: 750 Head; Medium parameters used:
f = 750.000 MHz; cond = 0.883 S/m; perm = 40.1; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 11/17/2025; Ambient Temp: 21.0°C; Tissue Temp: 23.2°C

Probe: EX3DV4 - SN7488; ConvF:(10.15,9.9,9.87); Calibrated: 2025-03-07
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; Calibrated: 2025-03-11
Phantom: Twin-SAM V5.0; Serial: 1757
Measurement SW: DASY Module SAR V16.4.0.5005

750.0 MHz System Verification at 23.0 dBm (200 mW)

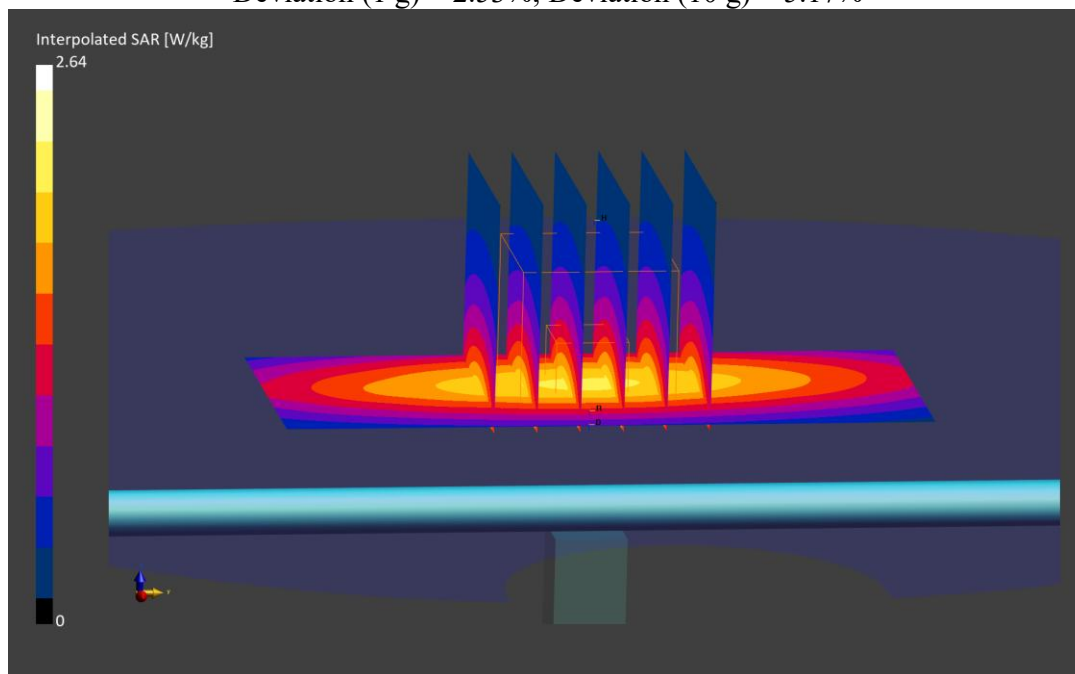
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 2.64 W/kg

SAR(1 g) = 1.78 W/kg; SAR(10 g) = 1.18 W/kg

Deviation (1 g) = 2.53%; Deviation (10 g) = 5.17%



ELEMENT

DUT: Dipole 750.000 MHz; Type: D750V3 - SN1046

Communication System: UID: 0, CW; Frequency: 750.000 MHz
Medium: 750 Head; Medium parameters used:
f = 750.000 MHz; cond = 0.876 S/m; perm = 40.3; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 11/19/2025; Ambient Temp: 23.3°C; Tissue Temp: 22.8°C

Probe: EX3DV4 - SN7546; ConvF:(9.51,8.86,9.45); Calibrated: 2025-04-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1368; Calibrated: 2025-04-07
Phantom: Twin-SAM V5.0; Serial: 1715
Measurement SW: DASY Module SAR V16.4.0.5005

750.0 MHz System Verification at 23.0 dBm (200 mW)

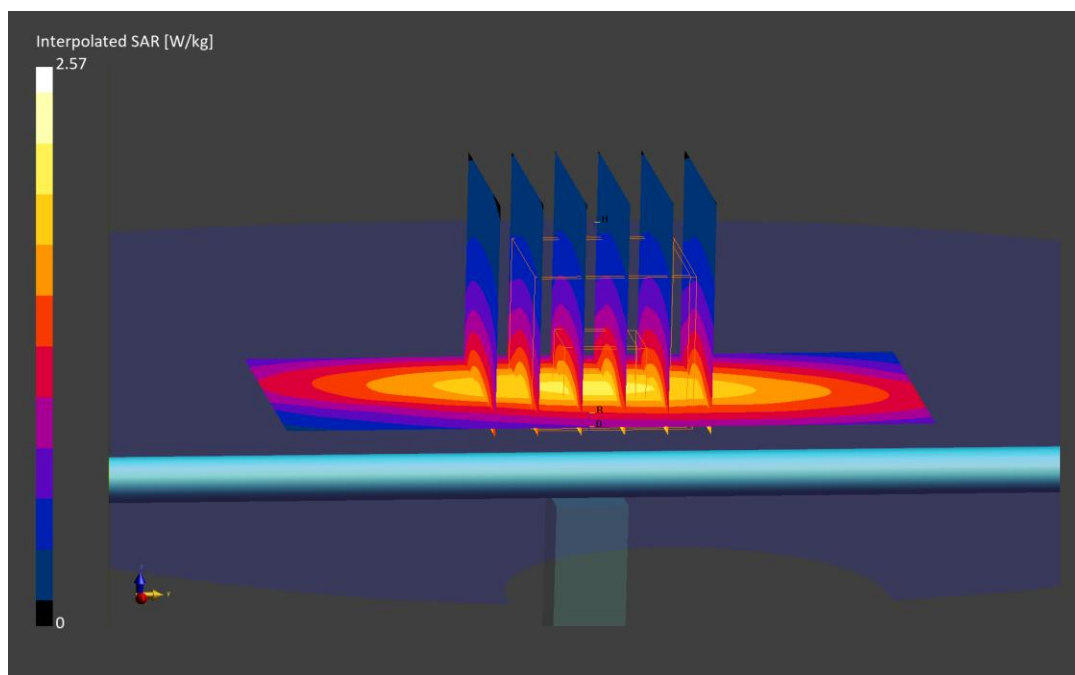
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 2.57 W/kg

SAR(1 g) = 1.71 W/kg; SAR(10 g) = 1.13 W/kg

Deviation (1 g) = -0.12%; Deviation (10 g) = 2.17%



ELEMENT

DUT: Dipole 750.000 MHz; Type: D750V3 - SN1161

Communication System: UID: 0, CW; Frequency: 750.000 MHz

Medium: 750 Head; Medium parameters used:

f = 750.000 MHz; cond = 0.893 S/m; perm = 40.4; density = 1000 kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 11/20/2025; Ambient Temp: 20.5°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7659; ConvF:(10.15,9.74,9.87); Calibrated: 2025-04-07

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

Electronics: DAE4 Sn1272; Calibrated: 2025-04-10

Phantom: Twin-SAM V8.0; Serial: 1966

Measurement SW: DASY Module SAR V16.4.0.5005

750.0 MHz System Verification at 23.0 dBm (200 mW)

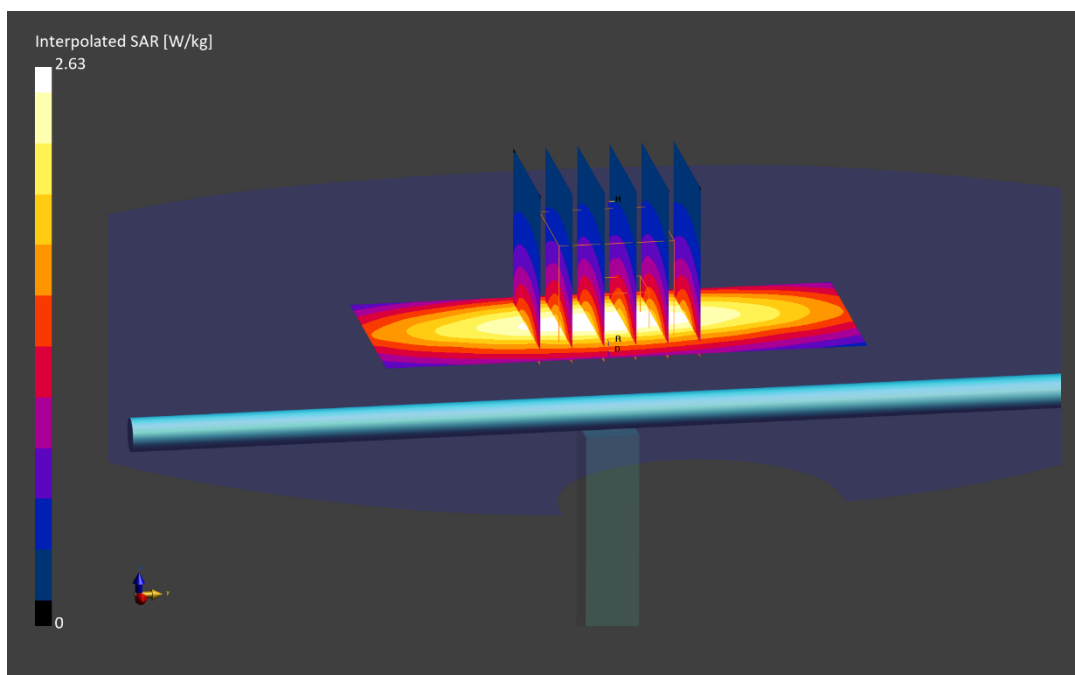
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 2.63 W/kg

SAR(1 g) = 1.73 W/kg; SAR(10 g) = 1.15 W/kg

Deviation (1 g) = 3.47%; Deviation (10 g) = 6.28%



ELEMENT

DUT: Dipole 835.000 MHz; Type: D835V2 - SN4d133

Communication System: UID: 0, CW; Frequency: 835.000 MHz
Medium: 835 Head; Medium parameters used:
f = 835.000 MHz; cond = 0.898 S/m; perm = 41.3; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 11/06/2025; Ambient Temp: 21.8°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN7488; ConvF:(9.92,9.67,9.65); Calibrated: 2025-03-07
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; Calibrated: 2025-03-11
Phantom: Twin-SAM V5.0; Serial: 1757
Measurement SW: DASY Module SAR V16.4.0.5005

835.0 MHz System Verification at 23.0 dBm (200 mW)

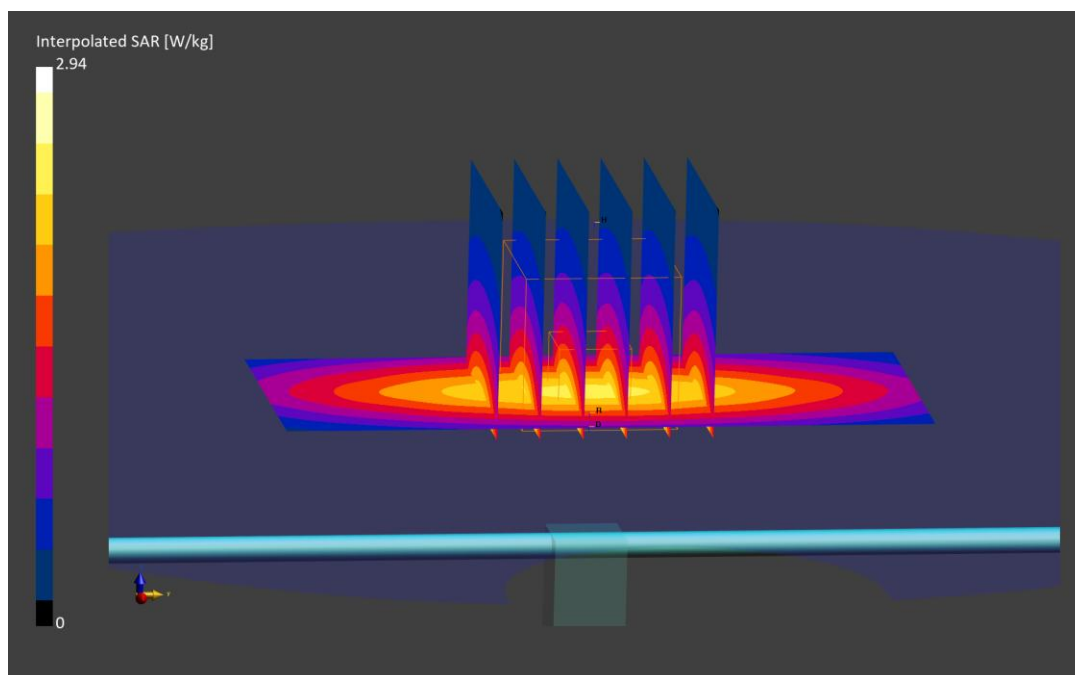
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 2.94 W/kg

SAR(1 g) = 1.99 W/kg; SAR(10 g) = 1.32 W/kg

Deviation (1 g) = 0.10%; Deviation (10 g) = 1.69%



ELEMENT

DUT: Dipole 835.000 MHz; Type: D835V2 - SN4d119

Communication System: UID: 0, CW; Frequency: 835.000 MHz
Medium: 835 Head; Medium parameters used:
f = 835.000 MHz; cond = 0.906 S/m; perm = 42.8; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 11/13/2025; Ambient Temp: 21.3°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7546; ConvF:(9.26,8.63,9.2); Calibrated: 2025-04-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1368; Calibrated: 2025-04-07
Phantom: Twin-SAM V5.0; Serial: 1715
Measurement SW: DASY Module SAR V16.4.0.5005

835.0 MHz System Verification at 23.0 dBm (200 mW)

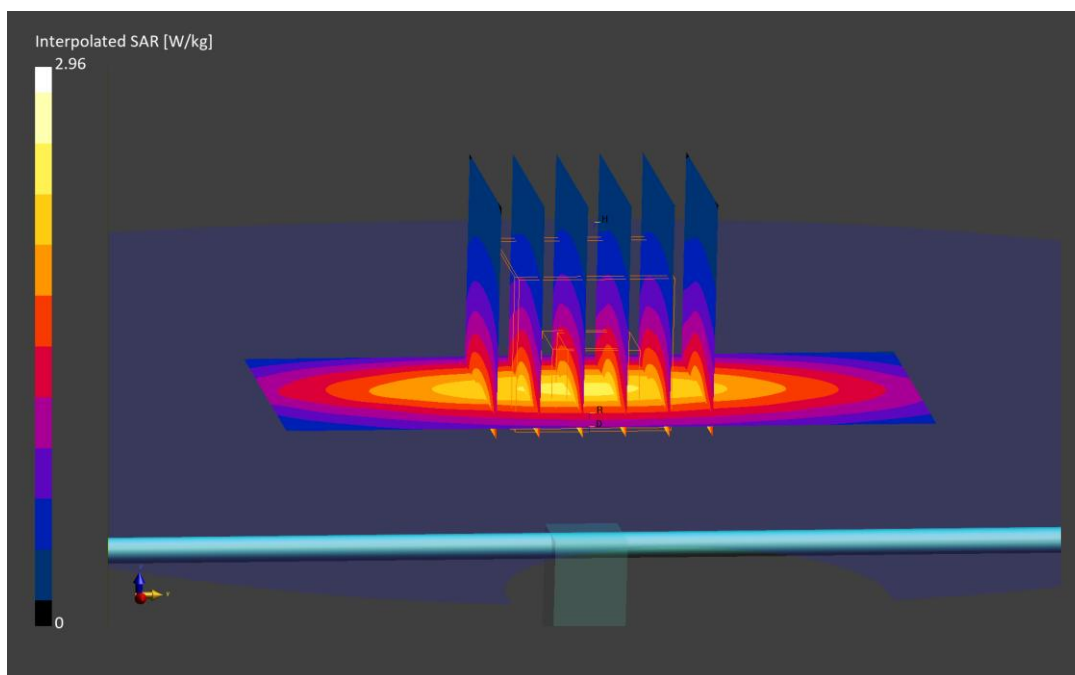
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 2.96 W/kg

SAR(1 g) = 1.97 W/kg; SAR(10 g) = 1.30 W/kg

Deviation (1 g) = 4.01%; Deviation (10 g) = 6.04%



ELEMENT

DUT: Dipole 835.000 MHz; Type: D835V2 - SN4d047

Communication System: UID: 0, CW; Frequency: 835.000 MHz
Medium: 835 Head; Medium parameters used:
f = 835.000 MHz; cond = 0.912 S/m; perm = 39.9; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 11/17/2025; Ambient Temp: 21.0°C; Tissue Temp: 23.2°C

Probe: EX3DV4 - SN7488; ConvF:(9.92,9.67,9.65); Calibrated: 2025-03-07
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; Calibrated: 2025-03-11
Phantom: Twin-SAM V5.0; Serial: 1757
Measurement SW: DASY Module SAR V16.4.0.5005

835.0 MHz System Verification at 23.0 dBm (200 mW)

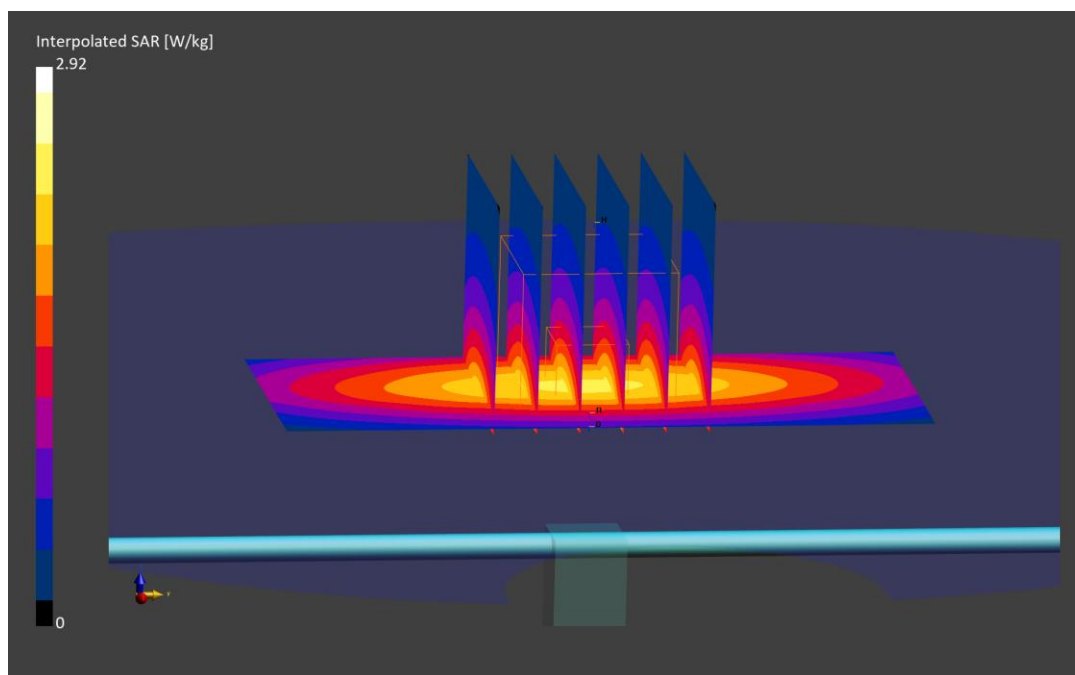
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 2.92 W/kg

SAR(1 g) = 1.98 W/kg; SAR(10 g) = 1.31 W/kg

Deviation (1 g) = 4.87%; Deviation (10 g) = 7.55%



ELEMENT

DUT: Dipole 835.000 MHz; Type: D835V2 - SN4d180

Communication System: UID: 0, CW; Frequency: 835.000 MHz

Medium: 835 Head; Medium parameters used:

f = 835.000 MHz; cond = 0.905 S/m; perm = 40.1; density = 1000 kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 11/19/2025; Ambient Temp: 23.3°C; Tissue Temp: 22.8°C

Probe: EX3DV4 - SN7546; ConvF:(9.26,8.63,9.2); Calibrated: 2025-04-11

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

Electronics: DAE4 Sn1368; Calibrated: 2025-04-07

Phantom: Twin-SAM V5.0; Serial: 1715

Measurement SW: DASY Module SAR V16.4.0.5005

835.0 MHz System Verification at 23.0 dBm (200 mW)

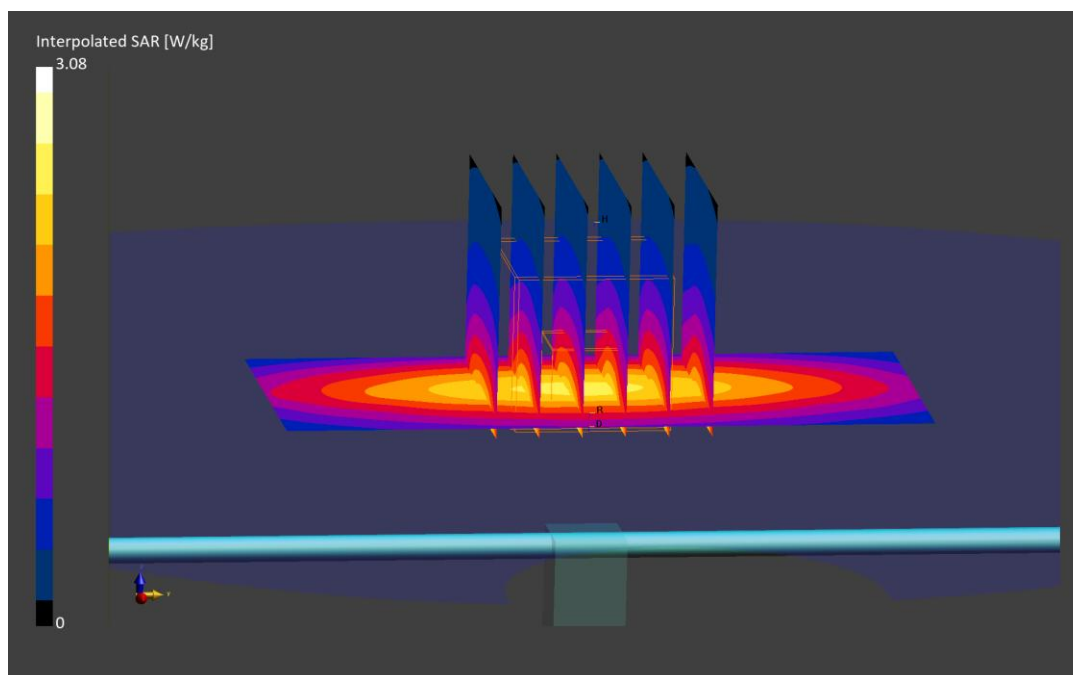
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 3.08 W/kg

SAR(1 g) = 2.02 W/kg; SAR(10 g) = 1.33 W/kg

Deviation (1 g) = 6.20%; Deviation (10 g) = 7.78%



ELEMENT

DUT: Dipole 835.000 MHz; Type: D835V2 - SN4d119

Communication System: UID: 0, CW; Frequency: 835.000 MHz
Medium: 835 Head; Medium parameters used:
f = 835.000 MHz; cond = 0.898 S/m; perm = 40.5; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 11/24/2025; Ambient Temp: 23.7°C; Tissue Temp: 23.4°C

Probe: EX3DV4 - SN7546; ConvF:(9.26,8.63,9.2); Calibrated: 2025-04-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1368; Calibrated: 2025-04-07
Phantom: Twin-SAM V5.0; Serial: 1715
Measurement SW: DASY Module SAR V16.4.0.5005

835.0 MHz System Verification at 23.0 dBm (200 mW)

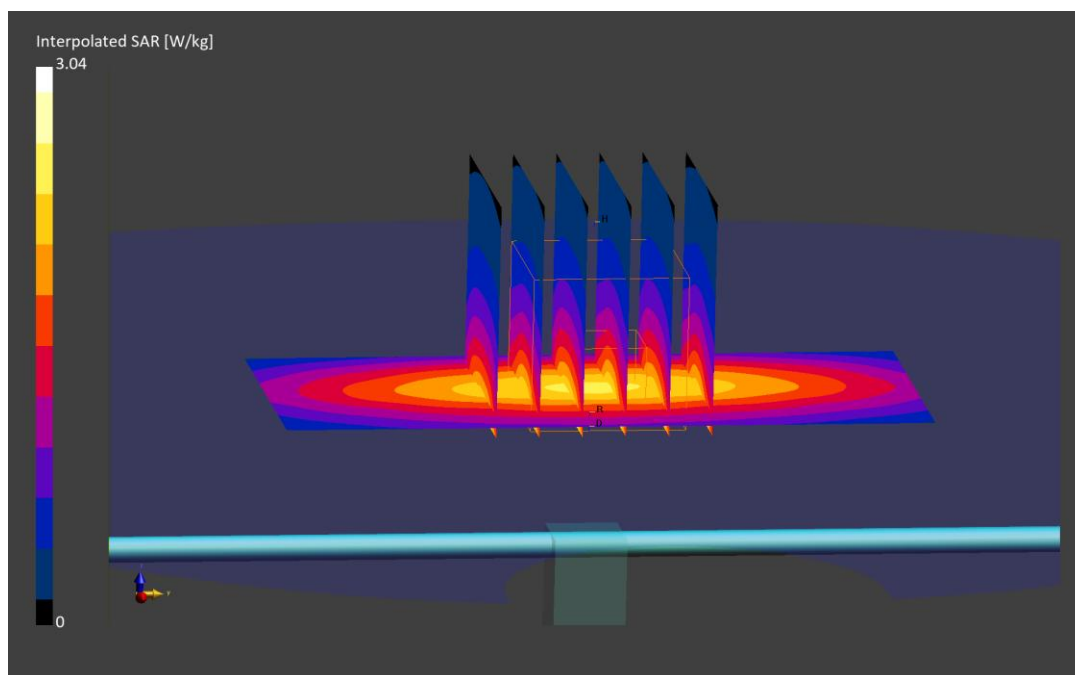
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 3.04 W/kg

SAR(1 g) = 2.00 W/kg; SAR(10 g) = 1.30 W/kg

Deviation (1 g) = 5.60%; Deviation (10 g) = 6.04%



ELEMENT

DUT: Dipole 835.000 MHz; Type: D835V2 - SN4d119

Communication System: UID: 0, CW; Frequency: 835.000 MHz
Medium: 835 Head; Medium parameters used:
f = 835.000 MHz; cond = 0.898 S/m; perm = 43.4; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 12/03/2025; Ambient Temp: 21.7°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7546; ConvF:(9.26,8.63,9.2); Calibrated: 2025-04-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1368; Calibrated: 2025-04-07
Phantom: Twin-SAM V5.0; Serial: 1715
Measurement SW: DASY Module SAR V16.4.0.5005

835.0 MHz System Verification at 23.0 dBm (200 mW)

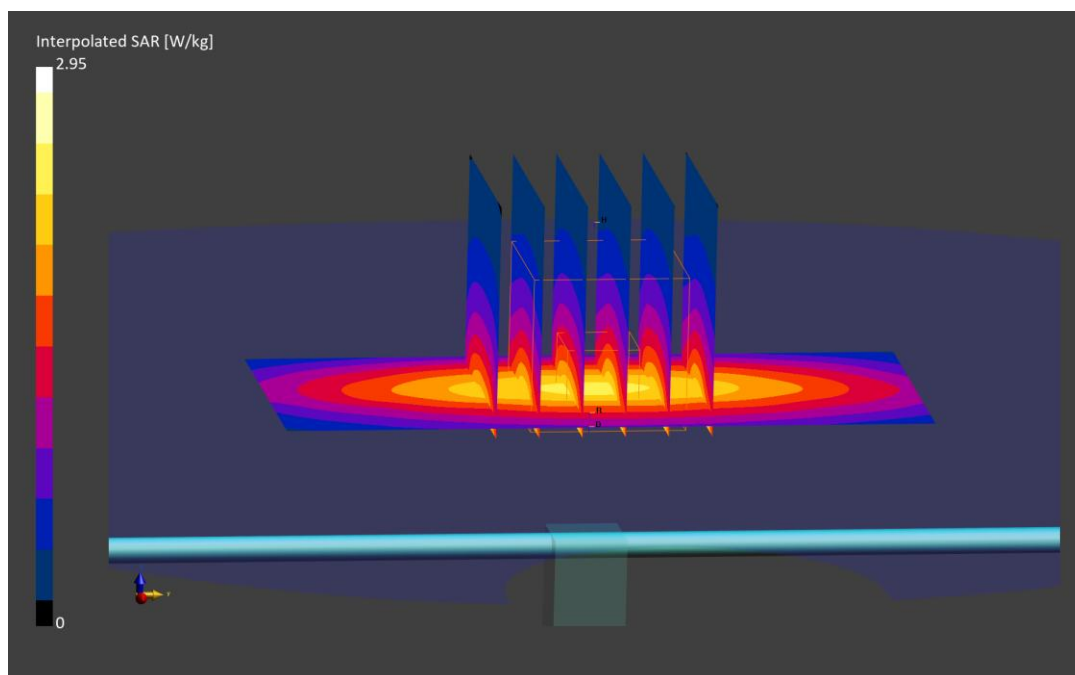
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 2.95 W/kg

SAR(1 g) = 1.97 W/kg; SAR(10 g) = 1.30 W/kg

Deviation (1 g) = 4.01%; Deviation (10 g) = 6.04%



ELEMENT

DUT: Dipole 1750.000 MHz; Type: D1750V2 - SN1148

Communication System: UID: 0, CW; Frequency: 1750.000 MHz
Medium: 1750 Head; Medium parameters used:
f = 1750.000 MHz; cond = 1.31 S/m; perm = 38.5; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 11/13/2025; Ambient Temp: 21.2°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7713; ConvF:(8.88,8.27,8.04); Calibrated: 2025-01-07
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1530; Calibrated: 2025-01-13
Phantom: Twin-SAM V8.0; Serial: 2064
Measurement SW: DASY Module SAR V16.4.0.5005

1750.0 MHz System Verification at 20.0 dBm (100 mW)

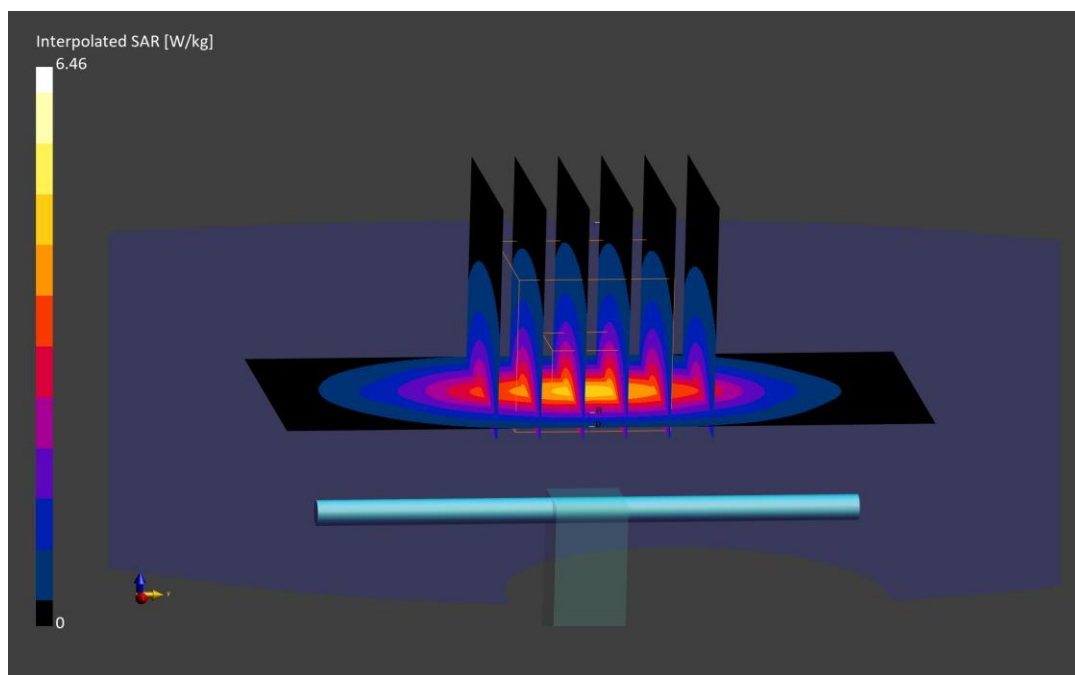
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 6.46 W/kg

SAR(1 g) = 3.61 W/kg; SAR(10 g) = 1.94 W/kg

Deviation (1 g) = -2.17%; Deviation (10 g) = -1.02%



ELEMENT

DUT: Dipole 1750.000 MHz; Type: D1750V2 - SN1092

Communication System: UID: 0, CW; Frequency: 1750.000 MHz
Medium: 1750 Head; Medium parameters used:
f = 1750.000 MHz; cond = 1.32 S/m; perm = 39.2; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 11/17/2025; Ambient Temp: 19.8°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN7637; ConvF:(8.1,8.3,8.54); Calibrated: 2025-06-12
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1652; Calibrated: 2025-06-04
Phantom: Twin-SAM V5.0; Serial: 1797
Measurement SW: DASY Module SAR V16.4.0.5005

1750.0 MHz System Verification at 20.0 dBm (100 mW)

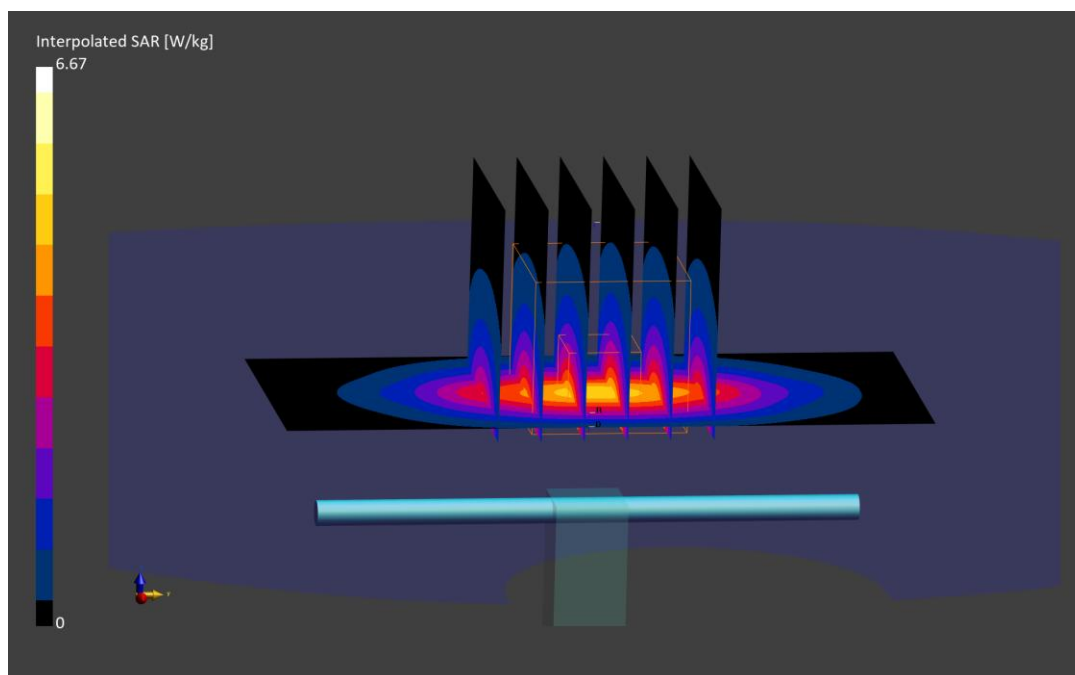
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 6.67 W/kg

SAR(1 g) = 3.78 W/kg; SAR(10 g) = 2.04 W/kg

Deviation (1 g) = 3.00%; Deviation (10 g) = 4.62%



ELEMENT

DUT: Dipole 1750.000 MHz; Type: D1750V2 - SN1148

Communication System: UID: 0, CW; Frequency: 1750.000 MHz
Medium: 1750 Head; Medium parameters used:
f = 1750.000 MHz; cond = 1.31 S/m; perm = 40.0; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 11/17/2025; Ambient Temp: 19.6°C; Tissue Temp: 19.3°C

Probe: EX3DV4 - SN7713; ConvF:(8.88,8.27,8.04); Calibrated: 2025-01-07
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1530; Calibrated: 2025-01-13
Phantom: Twin-SAM V8.0; Serial: 2064
Measurement SW: DASY Module SAR V16.4.0.5005

1750.0 MHz System Verification at 20.0 dBm (100 mW)

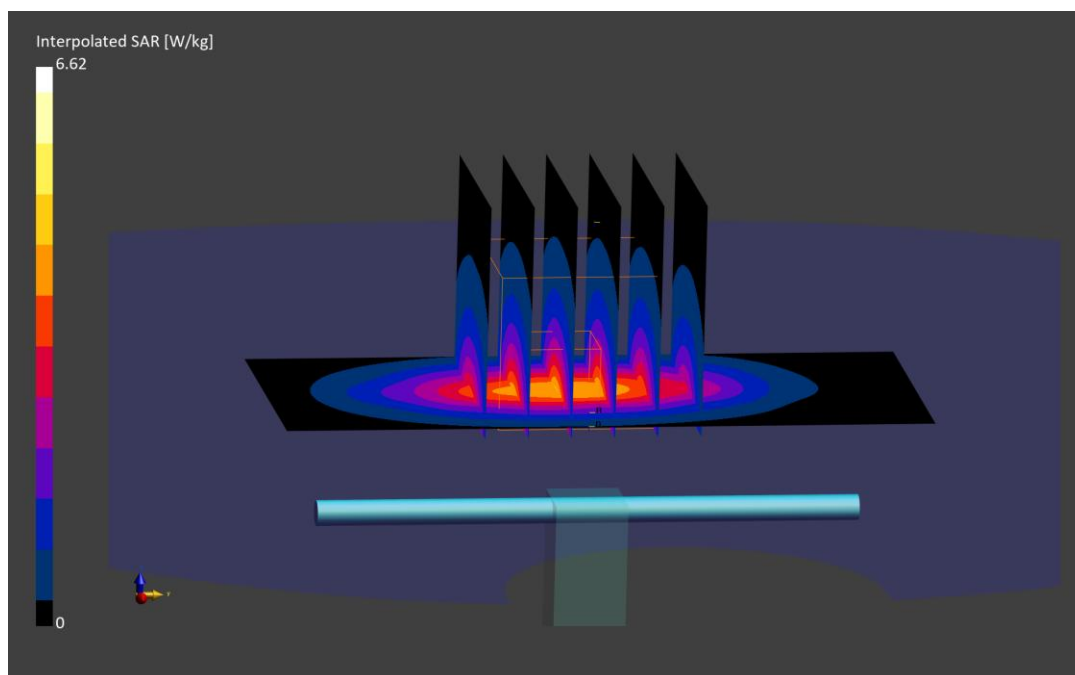
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 6.62 W/kg

SAR(1 g) = 3.68 W/kg; SAR(10 g) = 1.99 W/kg

Deviation (1 g) = -0.27%; Deviation (10 g) = 1.53%



ELEMENT

DUT: Dipole 1750.000 MHz; Type: D1750V2 - SN1092

Communication System: UID: 0, CW; Frequency: 1750.000 MHz
Medium: 1750 Head; Medium parameters used:
f = 1750.000 MHz; cond = 1.34 S/m; perm = 41.7; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 11/27/2025; Ambient Temp: 20.9°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7637; ConvF:(8.1,8.3,8.54); Calibrated: 2025-06-12
Sensor-Surface: 1.4mm (All points)
Electronics: DAE4 Sn1652; Calibrated: 2025-06-04
Phantom: Twin-SAM V5.0; Serial: 1797
Measurement SW: DASY Module SAR V16.4.0.5005

1750.0 MHz System Verification at 20.0 dBm (100 mW)

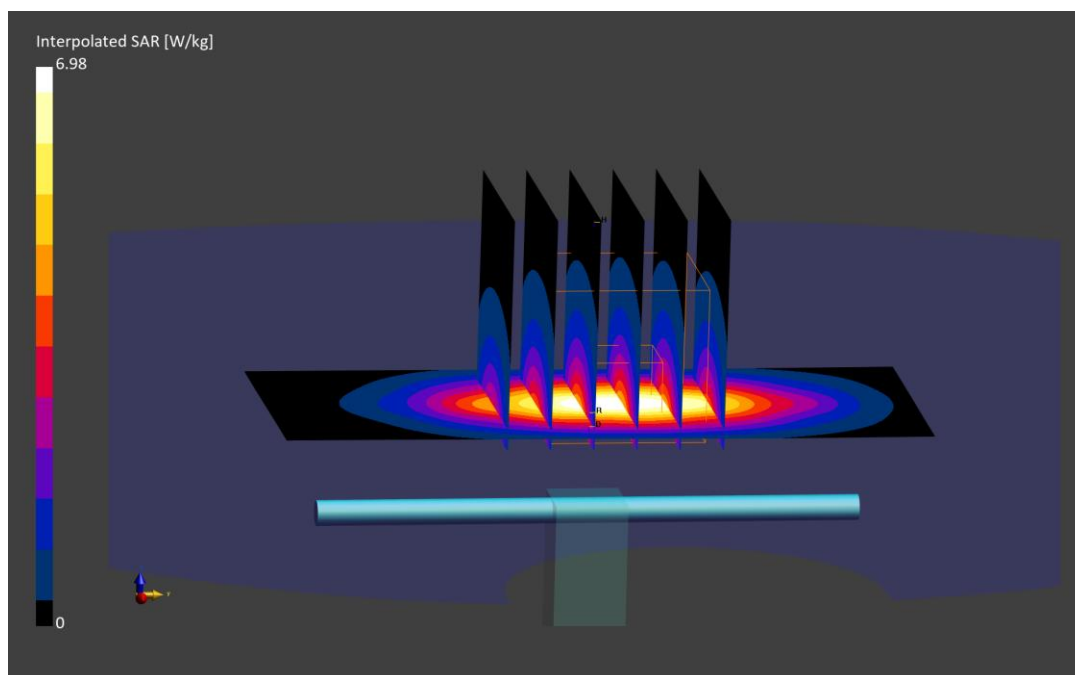
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 6.98 W/kg

SAR(1 g) = 3.84 W/kg; SAR(10 g) = 2.06 W/kg

Deviation (1 g) = 4.63%; Deviation (10 g) = 5.64%



ELEMENT

DUT: Dipole 1750.000 MHz; Type: D1750V2 - SN1150

Communication System: UID: 0, CW; Frequency: 1750.000 MHz
Medium: 1750 Head; Medium parameters used:
f = 1750.000 MHz; cond = 1.33 S/m; perm = 38.9; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 11/27/2025; Ambient Temp: 21.5°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7713; ConvF:(8.88,8.27,8.04); Calibrated: 2025-01-07
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1530; Calibrated: 2025-01-13
Phantom: Twin-SAM V8.0; Serial: 2064
Measurement SW: DASY Module SAR V16.4.0.5005

1750.0 MHz System Verification at 20.0 dBm (100 mW)

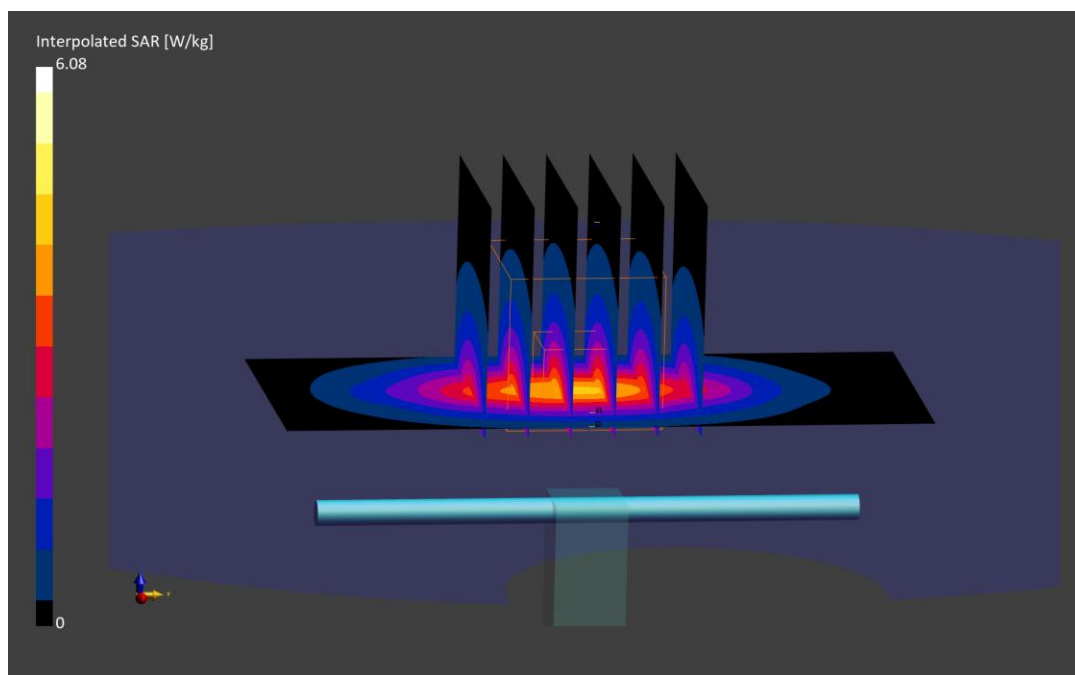
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 6.08 W/kg

SAR(1 g) = 3.36 W/kg; SAR(10 g) = 1.80 W/kg

Deviation (1 g) = -7.69%; Deviation (10 g) = -7.22%



ELEMENT

DUT: Dipole 1750.000 MHz; Type: D1750V2 - SN1148

Communication System: UID: 0, CW; Frequency: 1750.000 MHz
Medium: 1750 Head; Medium parameters used:
f = 1750.000 MHz; cond = 1.31 S/m; perm = 39.1; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/01/2025; Ambient Temp: 22.9°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7659; ConvF:(8.68,8.33,8.44); Calibrated: 2025-04-07
Sensor-Surface: 1.4mm (All points)
Electronics: DAE4 Sn1272; Calibrated: 2025-04-10
Phantom: Twin-SAM V8.0; Serial: 1966
Measurement SW: DASY Module SAR V16.4.0.5005

1750.0 MHz System Verification at 20.0 dBm (100 mW)

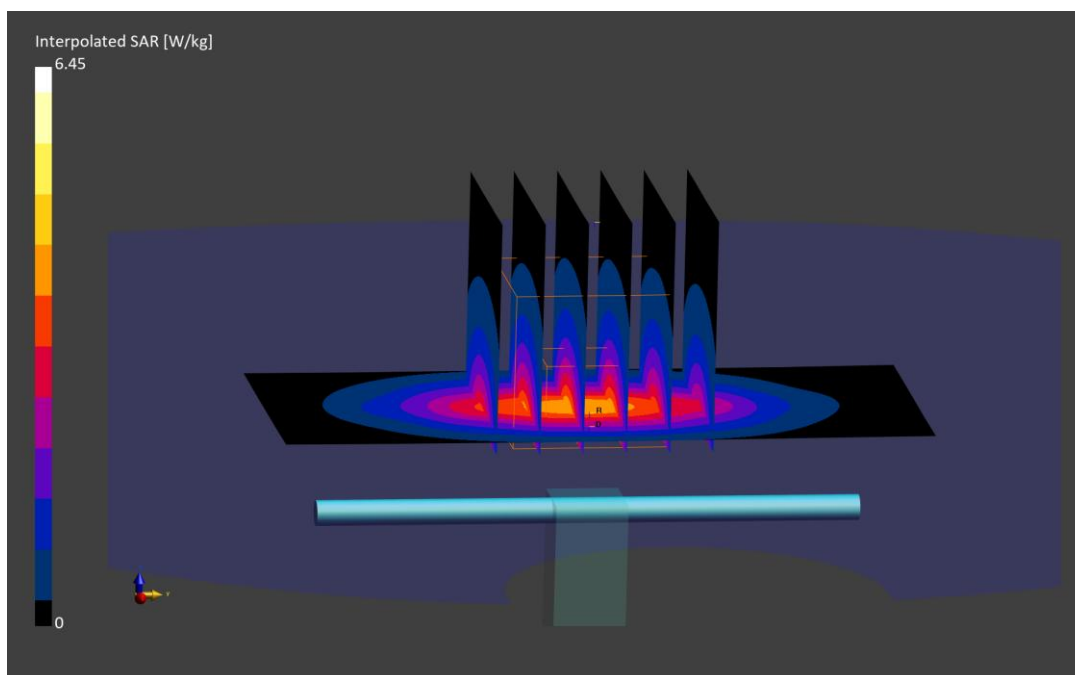
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 6.45 W/kg

SAR(1 g) = 3.51 W/kg; SAR(10 g) = 1.88 W/kg

Deviation (1 g) = -4.88%; Deviation (10 g) = -4.08%



ELEMENT

DUT: Dipole 1750.000 MHz; Type: D1750V2 - SN1148

Communication System: UID: 0, CW; Frequency: 1750.000 MHz
Medium: 1750 Head; Medium parameters used:
f = 1750.000 MHz; cond = 1.35 S/m; perm = 39.2; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/04/2025; Ambient Temp: 22.2°C; Tissue Temp: 19.2°C

Probe: EX3DV4 - SN7659; ConvF:(8.68,8.33,8.44); Calibrated: 2025-04-07
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2025-04-10
Phantom: Twin-SAM V8.0; Serial: 1966
Measurement SW: DASY Module SAR V16.4.0.5005

1750.0 MHz System Verification at 20.0 dBm (100 mW)

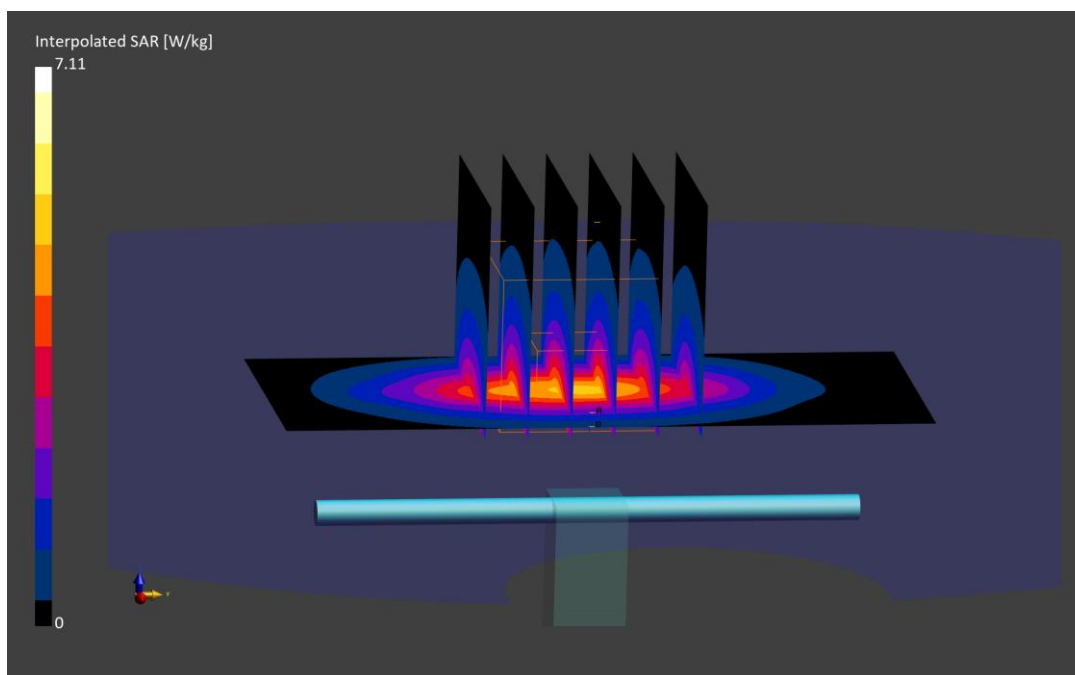
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 7.11 W/kg

SAR(1 g) = 3.98 W/kg; SAR(10 g) = 2.14 W/kg

Deviation (1 g) = 7.86%; Deviation (10 g) = 9.18%



ELEMENT

DUT: Dipole 1750.000 MHz; Type: D1750V2 - SN1092

Communication System: UID: 0, CW; Frequency: 1750.000 MHz
Medium: 1750 Head; Medium parameters used:
f = 1750.000 MHz; cond = 1.31 S/m; perm = 40.8; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/14/2025; Ambient Temp: 22.1°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7491; ConvF:(8.11,7.99,8.06); Calibrated: 2025-08-12
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; Calibrated: 2025-01-14
Phantom: Twin-SAM V5.0; Serial: 1759
Measurement SW: DASY Module SAR V16.4.0.5005

1750.0 MHz System Verification at 20.0 dBm (100 mW)

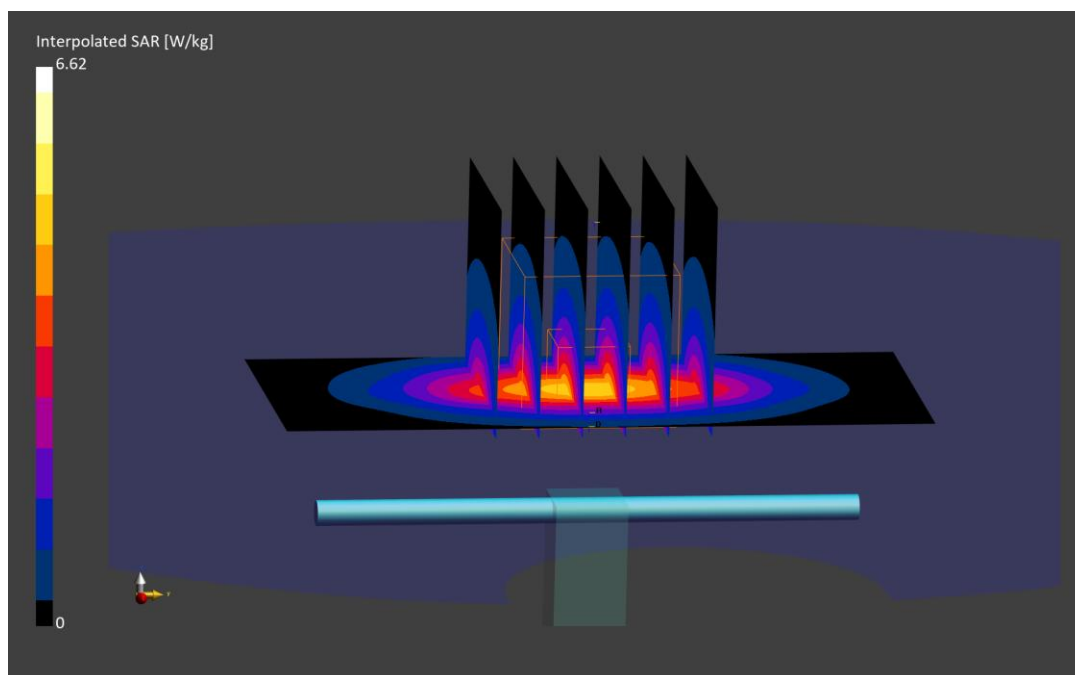
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 6.62 W/kg

SAR(1 g) = 3.76 W/kg; SAR(10 g) = 2.03 W/kg

Deviation (1 g) = 2.45%; Deviation (10 g) = 4.10%



ELEMENT

DUT: Dipole 1900.000 MHz; Type: D1900V2 - SN5d080

Communication System: UID: 0, CW; Frequency: 1900.000 MHz
Medium: 1900 Head; Medium parameters used:
f = 1900.000 MHz; cond = 1.40 S/m; perm = 38.2; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 11/13/2025; Ambient Temp: 21.2°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7713; ConvF:(8.56,7.97,7.75); Calibrated: 2025-01-07
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1530; Calibrated: 2025-01-13
Phantom: Twin-SAM V8.0; Serial: 2064
Measurement SW: DASY Module SAR V16.4.0.5005

1900.0 MHz System Verification at 20.0 dBm (100 mW)

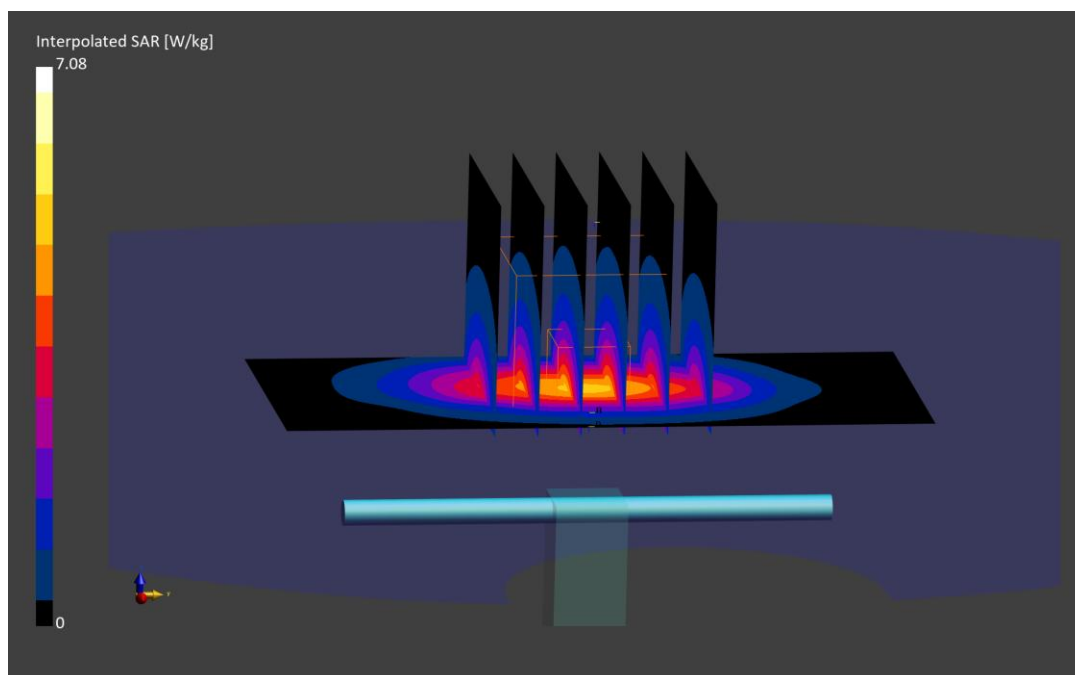
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 7.08 W/kg

SAR(1 g) = 3.90 W/kg; SAR(10 g) = 2.04 W/kg

Deviation (1 g) = -2.99%; Deviation (10 g) = -3.77%



ELEMENT

DUT: Dipole 1900.000 MHz; Type: D1900V2 - SN5d026

Communication System: UID: 0, CW; Frequency: 1900.000 MHz
Medium: 1900 Head; Medium parameters used:
f = 1900.000 MHz; cond = 1.42 S/m; perm = 39.0; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 11/17/2025; Ambient Temp: 19.8°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN7637; ConvF:(7.68,7.88,8.11); Calibrated: 2025-06-12
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1652; Calibrated: 2025-06-04
Phantom: Twin-SAM V5.0; Serial: 1797
Measurement SW: DASY Module SAR V16.4.0.5005

1900.0 MHz System Verification at 20.0 dBm (100 mW)

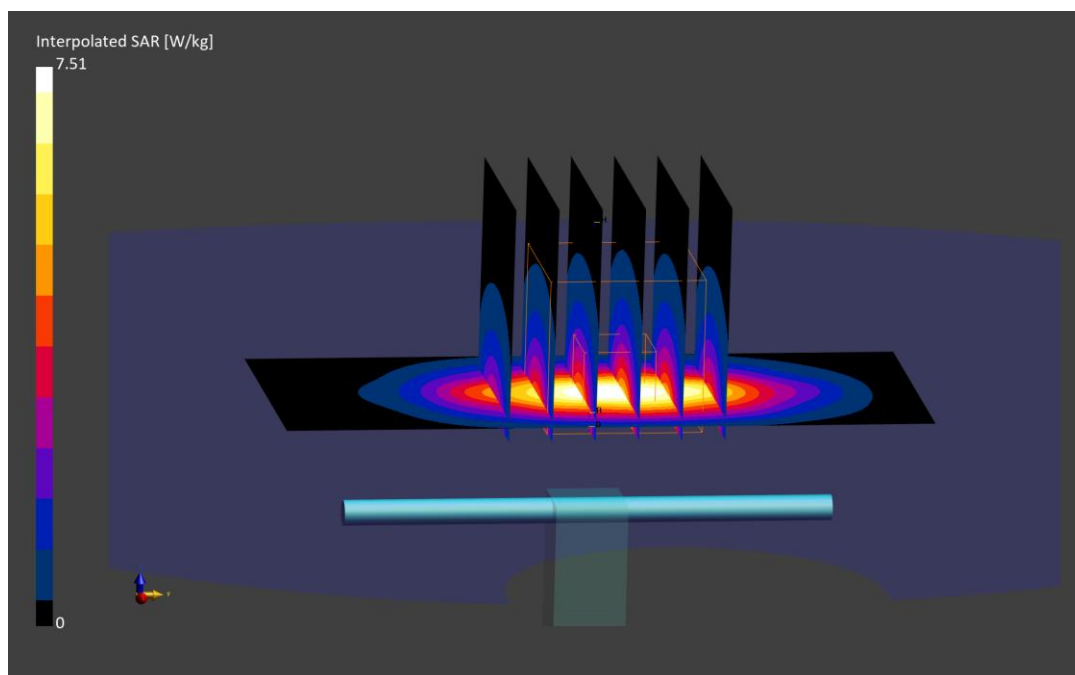
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 7.51 W/kg

SAR(1 g) = 4.19 W/kg; SAR(10 g) = 2.18 W/kg

Deviation (1 g) = 5.81%; Deviation (10 g) = 3.81%



ELEMENT

DUT: Dipole 1900.000 MHz; Type: D1900V2 - SN5d080

Communication System: UID: 0, CW; Frequency: 1900.000 MHz
Medium: 1900 Head; Medium parameters used:
f = 1900.000 MHz; cond = 1.40 S/m; perm = 39.8; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 11/17/2025; Ambient Temp: 19.6°C; Tissue Temp: 19.3°C

Probe: EX3DV4 - SN7713; ConvF:(8.56,7.97,7.75); Calibrated: 2025-01-07
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1530; Calibrated: 2025-01-13
Phantom: Twin-SAM V8.0; Serial: 2064
Measurement SW: DASY Module SAR V16.4.0.5005

1900.0 MHz System Verification at 20.0 dBm (100 mW)

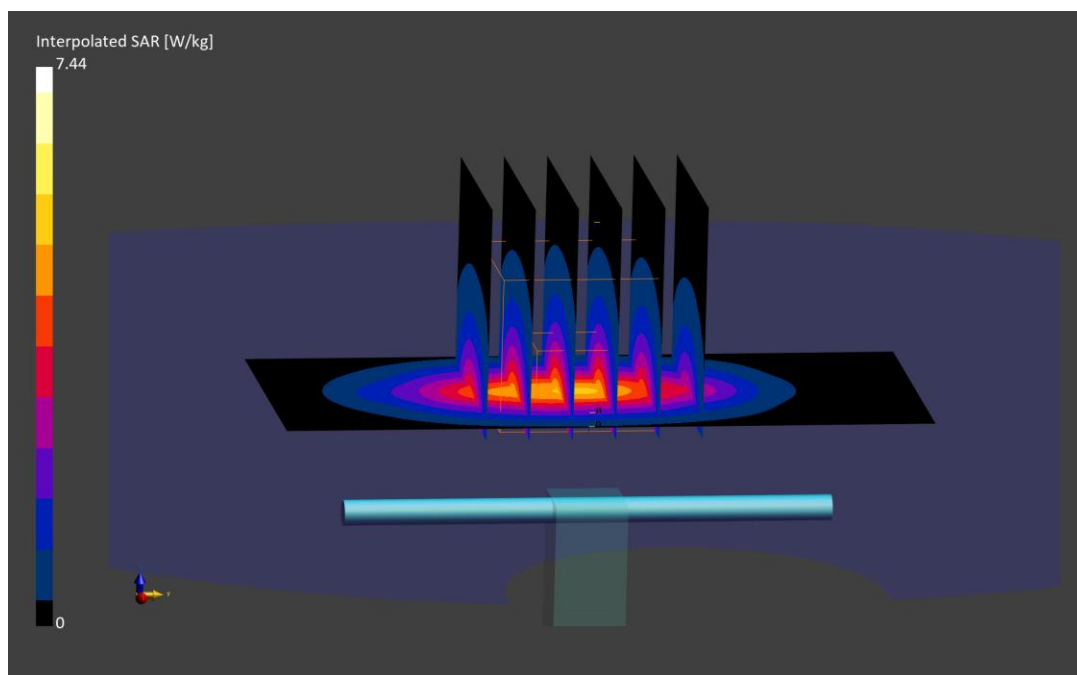
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 7.44 W/kg

SAR(1 g) = 4.11 W/kg; SAR(10 g) = 2.17 W/kg

Deviation (1 g) = 2.24%; Deviation (10 g) = 2.36%



ELEMENT

DUT: Dipole 1900.000 MHz; Type: D1900V2 - SN5d026

Communication System: UID: 0, CW; Frequency: 1900.000 MHz
Medium: 1900 Head; Medium parameters used:
f = 1900.000 MHz; cond = 1.43 S/m; perm = 41.5; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 11/27/2025; Ambient Temp: 20.9°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7637; ConvF:(7.68,7.88,8.11); Calibrated: 2025-06-12
Sensor-Surface: 1.4mm (All points)
Electronics: DAE4 Sn1652; Calibrated: 2025-06-04
Phantom: Twin-SAM V5.0; Serial: 1797
Measurement SW: DASY Module SAR V16.4.0.5005

1900.0 MHz System Verification at 20.0 dBm (100 mW)

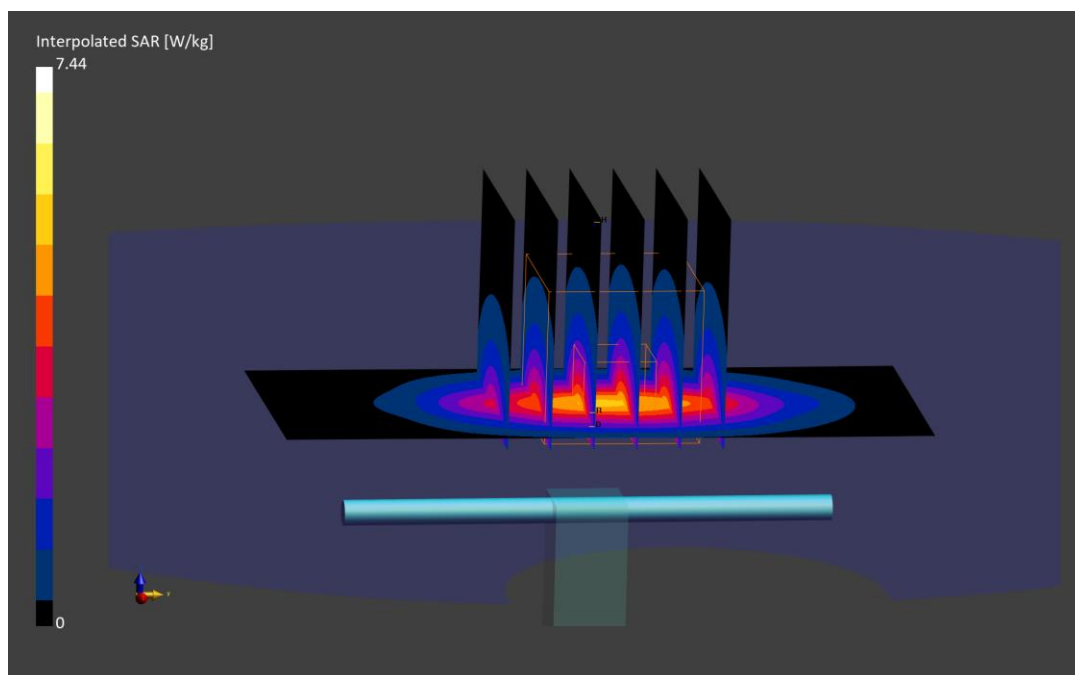
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 7.44 W/kg

SAR(1 g) = 4.07 W/kg; SAR(10 g) = 2.12 W/kg

Deviation (1 g) = 2.78%; Deviation (10 g) = 0.95%



ELEMENT

DUT: Dipole 1900.000 MHz; Type: D1900V2 - SN5d148

Communication System: UID: 0, CW; Frequency: 1900.000 MHz
Medium: 1900 Head; Medium parameters used:
f = 1900.000 MHz; cond = 1.41 S/m; perm = 38.4; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/08/2025; Ambient Temp: 20.7°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7659; ConvF:(8.38,8.04,8.14); Calibrated: 2025-04-07
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2025-04-10
Phantom: Twin-SAM V8.0; Serial: 1966
Measurement SW: DASY Module SAR V16.4.0.5005

1900.0 MHz System Verification at 20.0 dBm (100 mW)

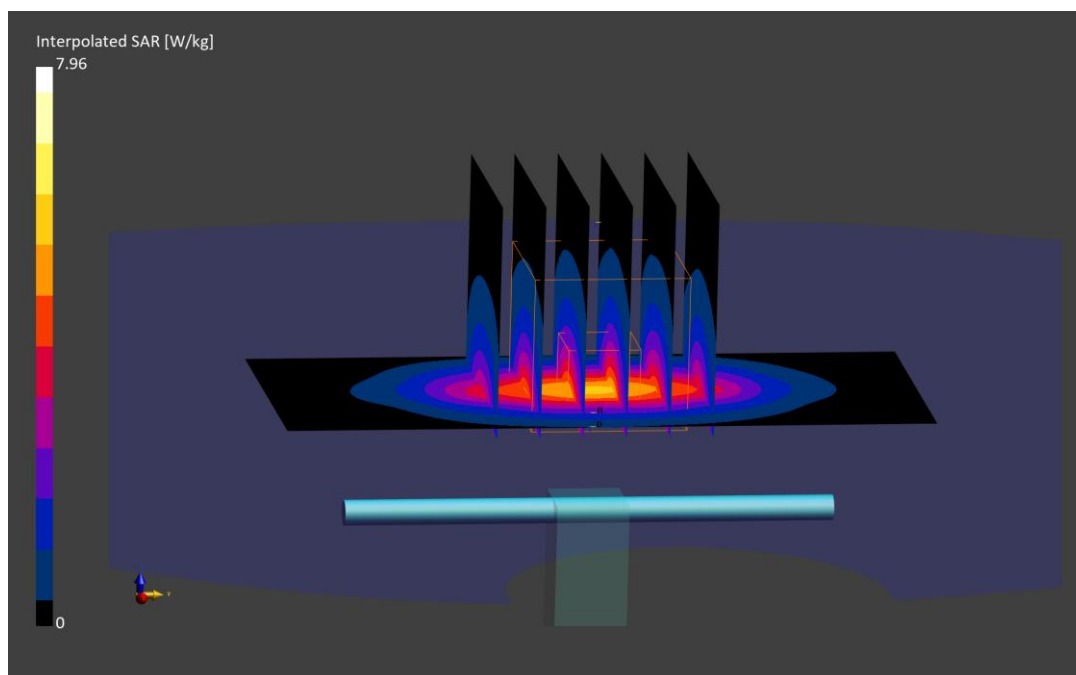
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 7.96 W/kg

SAR(1 g) = 4.34 W/kg; SAR(10 g) = 2.26 W/kg

Deviation (1 g) = 9.60%; Deviation (10 g) = 8.13%



ELEMENT

DUT: Dipole 1900.000 MHz; Type: D1900V2 - SN5d026

Communication System: UID: 0, CW; Frequency: 1900.000 MHz
Medium: 1900 Head; Medium parameters used:
f = 1900.000 MHz; cond = 1.41 S/m; perm = 40.6; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/14/2025; Ambient Temp: 22.1°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7491; ConvF:(7.73,7.62,7.69); Calibrated: 2025-08-12
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; Calibrated: 2025-01-14
Phantom: Twin-SAM V5.0; Serial: 1759
Measurement SW: DASY Module SAR V16.4.0.5005

1900.0 MHz System Verification at 20.0 dBm (100 mW)

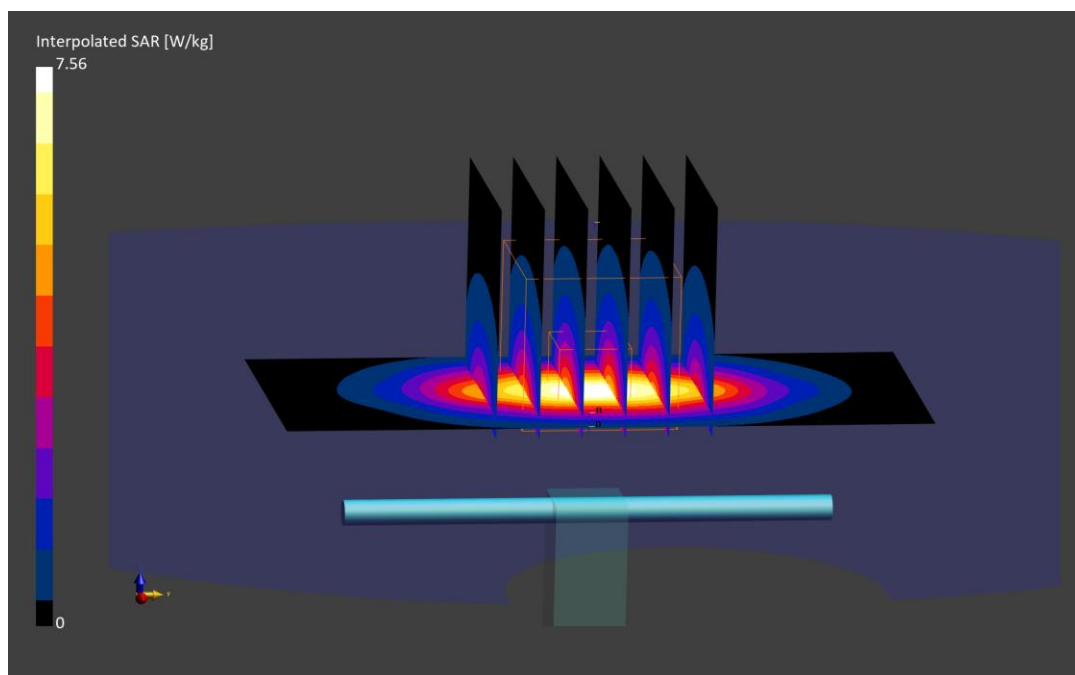
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 7.56 W/kg

SAR(1 g) = 4.25 W/kg; SAR(10 g) = 2.23 W/kg

Deviation (1 g) = 7.32%; Deviation (10 g) = 6.19%



ELEMENT

DUT: Dipole 2300.000 MHz; Type: D2300V2 - SN1116

Communication System: UID: 0, CW; Frequency: 2300.000 MHz
Medium: 2450 Head; Medium parameters used:
f = 2300.000 MHz; cond = 1.67 S/m; perm = 38.2; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 11/24/2025; Ambient Temp: 19.9°C; Tissue Temp: 19.8°C

Probe: EX3DV4 - SN7659; ConvF:(8.05,7.73,7.83); Calibrated: 2025-04-07
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2025-04-10
Phantom: Twin-SAM V8.0; Serial: 1966
Measurement SW: DASY Module SAR V16.4.0.5005

2300.0 MHz System Verification at 20.0 dBm (100 mW)

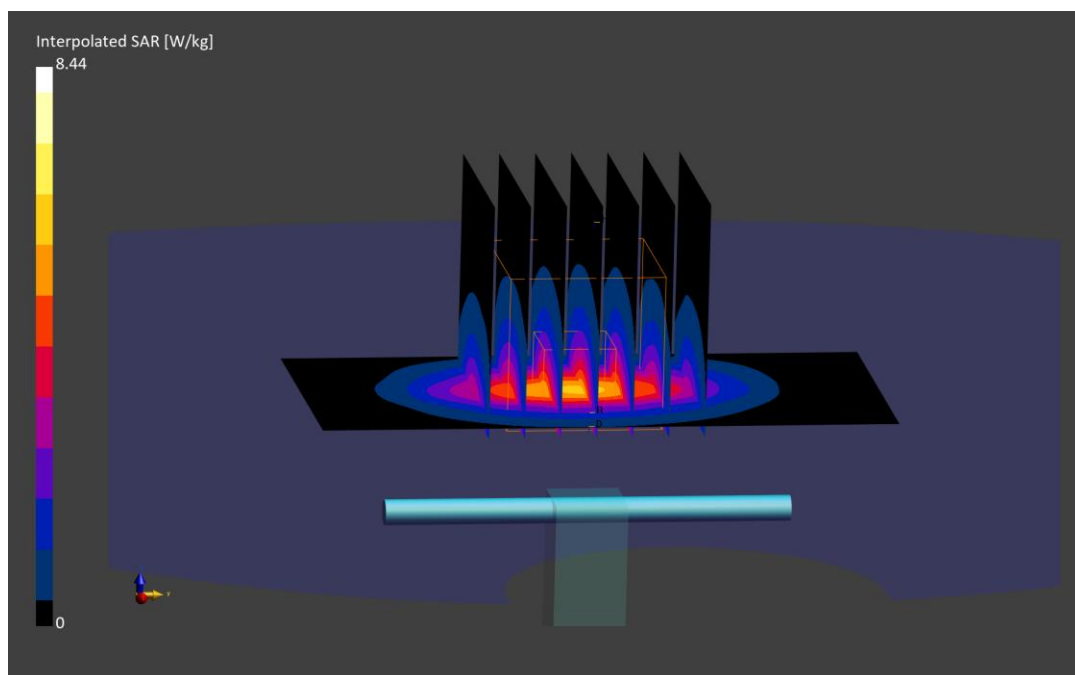
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 8.44 W/kg

SAR(1 g) = 4.48 W/kg; SAR(10 g) = 2.21 W/kg

Deviation (1 g) = -8.94%; Deviation (10 g) = -7.53%



ELEMENT

DUT: Dipole 2300.000 MHz; Type: D2300V2 - SN1116

Communication System: UID: 0, CW; Frequency: 2300.000 MHz
Medium: 2450 Head; Medium parameters used:
f = 2300.000 MHz; cond = 1.68 S/m; perm = 38.7; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 11/27/2025; Ambient Temp: 22.3°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7659; ConvF:(8.05,7.73,7.83); Calibrated: 2025-04-07
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2025-04-10
Phantom: Twin-SAM V8.0; Serial: 1966
Measurement SW: DASY Module SAR V16.4.0.5005

2300.0 MHz System Verification at 20.0 dBm (100 mW)

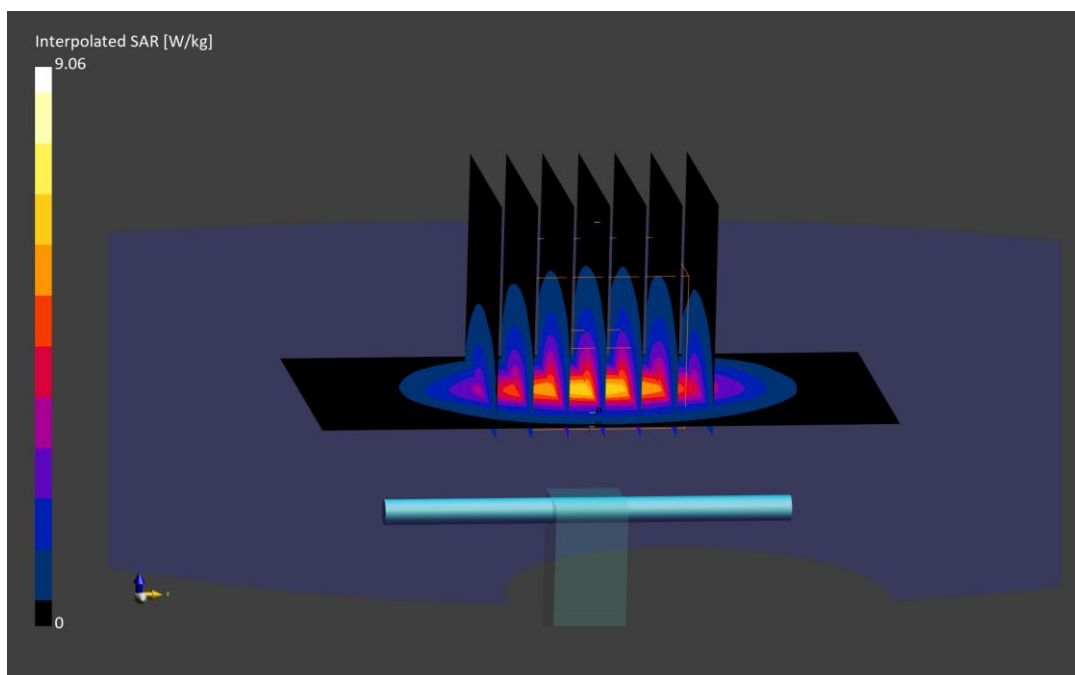
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 9.06 W/kg

SAR(1 g) = 4.72 W/kg; SAR(10 g) = 2.29 W/kg

Deviation (1 g) = -4.07%; Deviation (10 g) = -4.18%



ELEMENT

DUT: Dipole 2300.000 MHz; Type: D2300V2 - SN1008

Communication System: UID: 0, CW; Frequency: 2300.000 MHz
Medium: 2450 Head; Medium parameters used:
f = 2300.000 MHz; cond = 1.69 S/m; perm = 40.1; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/02/2025; Ambient Temp: 23.0°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7491; ConvF:(7.46,7.35,7.42); Calibrated: 2025-08-12
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; Calibrated: 2025-01-14
Phantom: Twin-SAM V5.0; Serial: 1759
Measurement SW: DASY Module SAR V16.4.0.5005

2300.0 MHz System Verification at 20.0 dBm (100 mW)

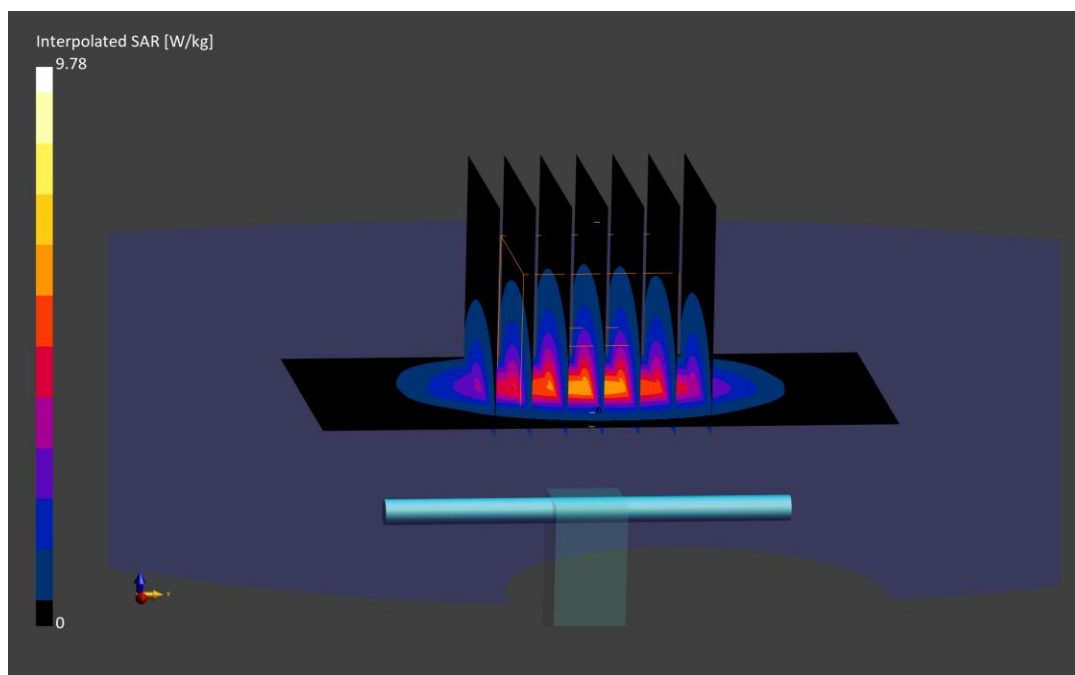
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 9.78 W/kg

SAR(1 g) = 5.02 W/kg; SAR(10 g) = 2.42 W/kg

Deviation (1 g) = 1.62%; Deviation (10 g) = 2.11%



ELEMENT

DUT: Dipole 2300.000 MHz; Type: D2300V2 - SN1073

Communication System: UID: 0, CW; Frequency: 2300.000 MHz
Medium: 2450 Head Simulating Liquid; Medium parameters used:
f = 2300.000 MHz; cond = 1.65 S/m; perm = 39.8; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/08/2025; Ambient Temp: 23.1°C; Tissue Temp: 23.1°C

Probe: EX3DV4 - SN7488; ConvF:(7.9,7.7,7.68); Calibrated: 2025-03-07
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; Calibrated: 2025-03-11
Phantom: Twin-SAM V5.0; Serial: 1757
Measurement SW: DASY Module SAR V16.4.0.5005

2300.0 MHz System Verification at 20.0 dBm (100 mW)

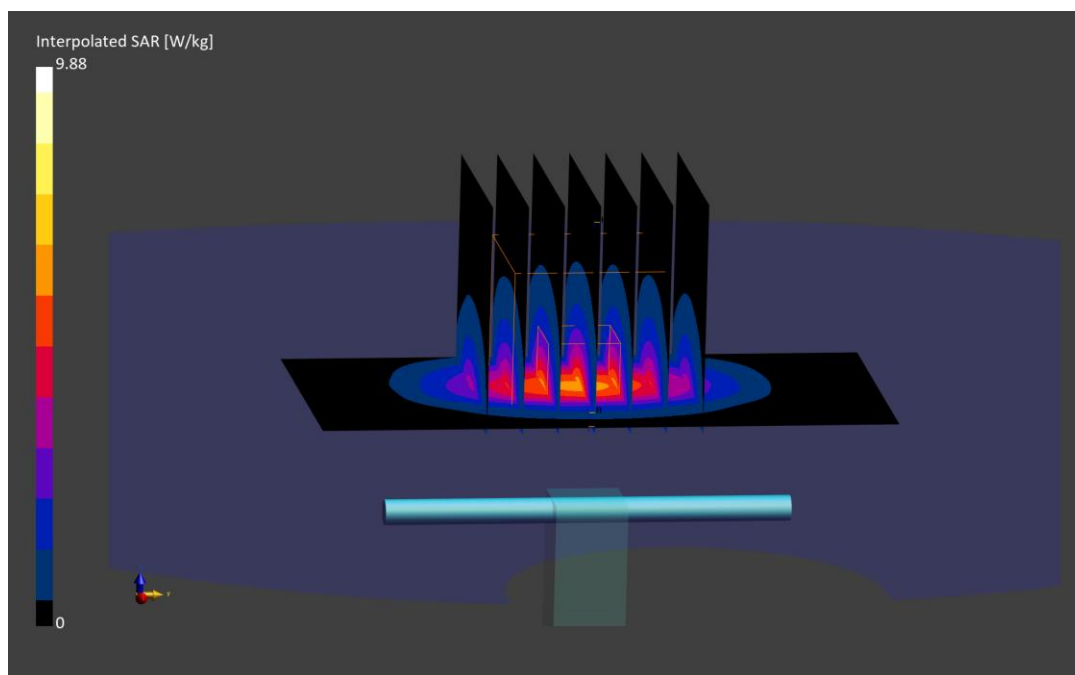
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 9.88 W/kg

SAR(1 g) = 5.00 W/kg; SAR(10 g) = 2.41 W/kg

Deviation (1 g) = 2.88%; Deviation (10 g) = 2.55%



ELEMENT

DUT: Dipole 2300.000 MHz; Type: D2300V2 - SN1117

Communication System: UID: 0, CW; Frequency: 2300.000 MHz
Medium: 2450 Head Simulating Liquid; Medium parameters used:
f = 2300.000 MHz; cond = 1.64 S/m; perm = 38.6; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/10/2025; Ambient Temp: 22.0°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7803; ConvF:(7.27,7.28,7.53); Calibrated: 2025-10-13
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1583; Calibrated: 2025-10-13
Phantom: Twin-SAM V5.0; Serial: 1800
Measurement SW: DASY Module SAR V16.4.0.5005

2300.0 MHz System Verification at 20.0 dBm (100 mW)

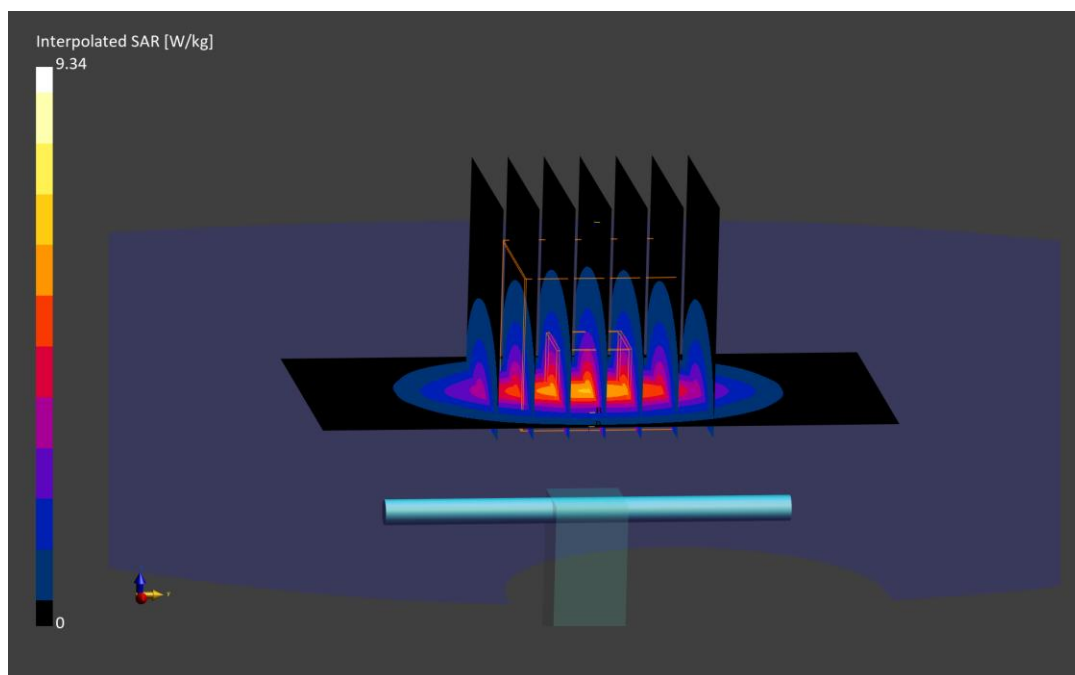
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 9.34 W/kg

SAR(1 g) = 4.86 W/kg; SAR(10 g) = 2.35 W/kg

Deviation (1 g) = -1.62%; Deviation (10 g) = -1.67%



ELEMENT

DUT: Dipole 2450.000 MHz; Type: D2450V2 - SN945

Communication System: UID: 0, CW; Frequency: 2450.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
f = 2450.000 MHz; cond = 1.77 S/m; perm = 40.2; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/01/2025; Ambient Temp: 20.9°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7491; ConvF:(7.19,7.08,7.15); Calibrated: 2025-08-12
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; Calibrated: 2025-01-14
Phantom: Twin-SAM V5.0; Serial: 1759
Measurement SW: DASY Module SAR V16.4.0.5005

2450.0 MHz System Verification at 20.0 dBm (100 mW)

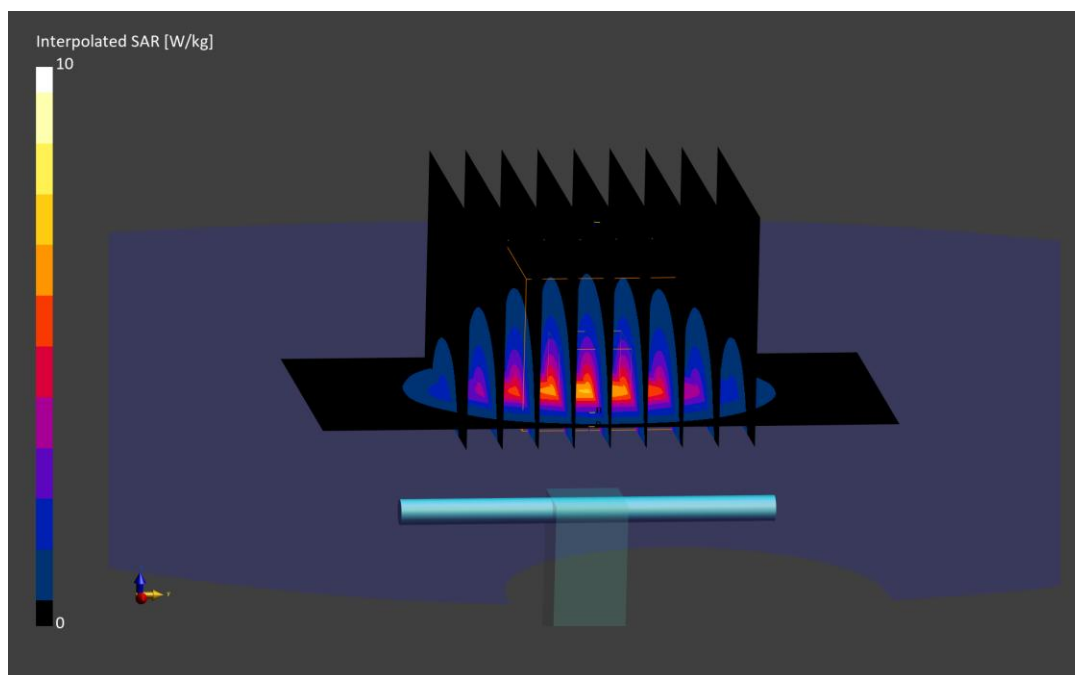
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (40.0 x 40.0 x 31.2): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 10.0 W/kg

SAR(1 g) = 5.04 W/kg; SAR(10 g) = 2.36 W/kg

Deviation (1 g) = -4.73%; Deviation (10 g) = -5.60%



ELEMENT

DUT: Dipole 2450.000 MHz; Type: D2450V2 - SN945

Communication System: UID: 0, CW; Frequency: 2450.000 MHz
Medium: 2450 Head; Medium parameters used:
f = 2450.000 MHz; cond = 1.82 S/m; perm = 39.4; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/01/2025; Ambient Temp: 20.5°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7558; ConvF:(7.04,6.76,7.33); Calibrated: 2025-09-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1364; Calibrated: 2025-09-10
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.4.0.5005

2450.0 MHz System Verification at 20.0 dBm (100 mW)

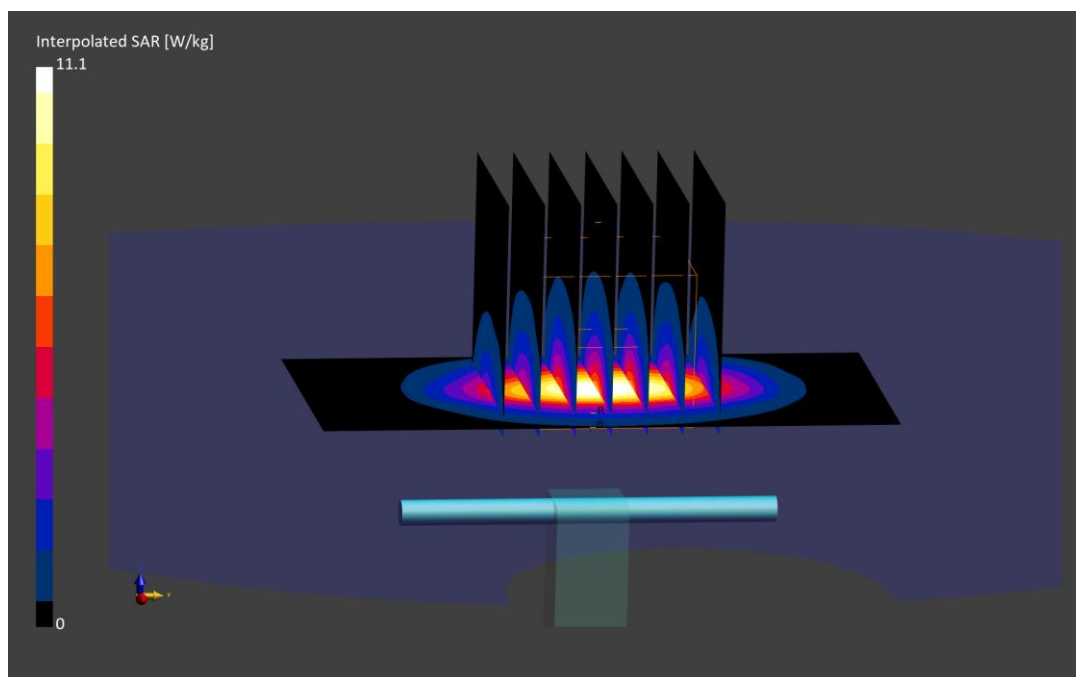
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 11.1 W/kg

SAR(1 g) = 5.56 W/kg; SAR(10 g) = 2.63 W/kg

Deviation (1 g) = 5.10%; Deviation (10 g) = 5.20%



ELEMENT

DUT: Dipole 2450.000 MHz; Type: D2450V2 - SN797

Communication System: UID: 0, CW; Frequency: 2450.000 MHz
Medium: 2450 Head; Medium parameters used:
f = 2450.000 MHz; cond = 1.79 S/m; perm = 38.3; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/01/2025; Ambient Temp: 20.7°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7718; ConvF:(7.07,7.06,7.3); Calibrated: 2025-04-08
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1407; Calibrated: 2025-04-07
Phantom: Twin-SAM V8.0; Serial: 2060
Measurement SW: DASY Module SAR V16.4.0.5005

2450.0 MHz System Verification at 20.0 dBm (100 mW)

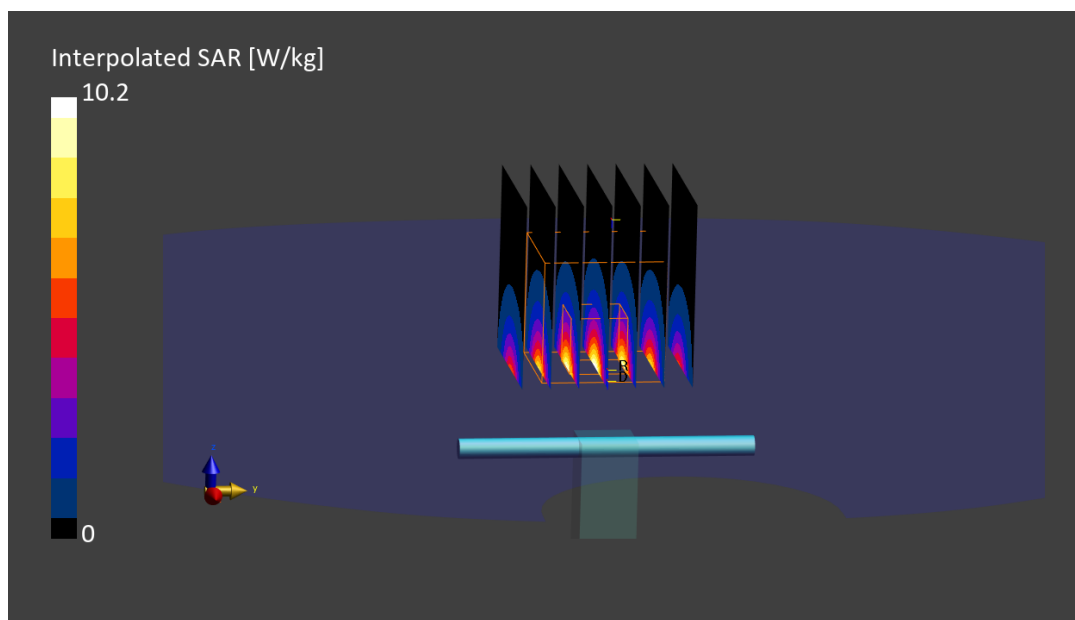
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 10.2 W/kg

SAR(1 g) = 5.19 W/kg; SAR(10 g) = 2.45 W/kg

Deviation (1 g) = -1.33%; Deviation (10 g) = -1.21%



ELEMENT

DUT: Dipole 2450.000 MHz; Type: D2450V2 - SN945

Communication System: UID: 0, CW; Frequency: 2450.000 MHz
Medium: 2450 Head; Medium parameters used:
 $f = 2450.000$ MHz; $\text{cond} = 1.76$ S/m; $\text{perm} = 38.5$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/10/2025; Ambient Temp: 22.0°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7803; ConvF:(6.83,6.83,7.07); Calibrated: 2025-10-13
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1583; Calibrated: 2025-10-13
Phantom: Twin-SAM V5.0; Serial: 1800
Measurement SW: DASY Module SAR V16.4.0.5005

2450.0 MHz System Verification at 20.0 dBm (100 mW)

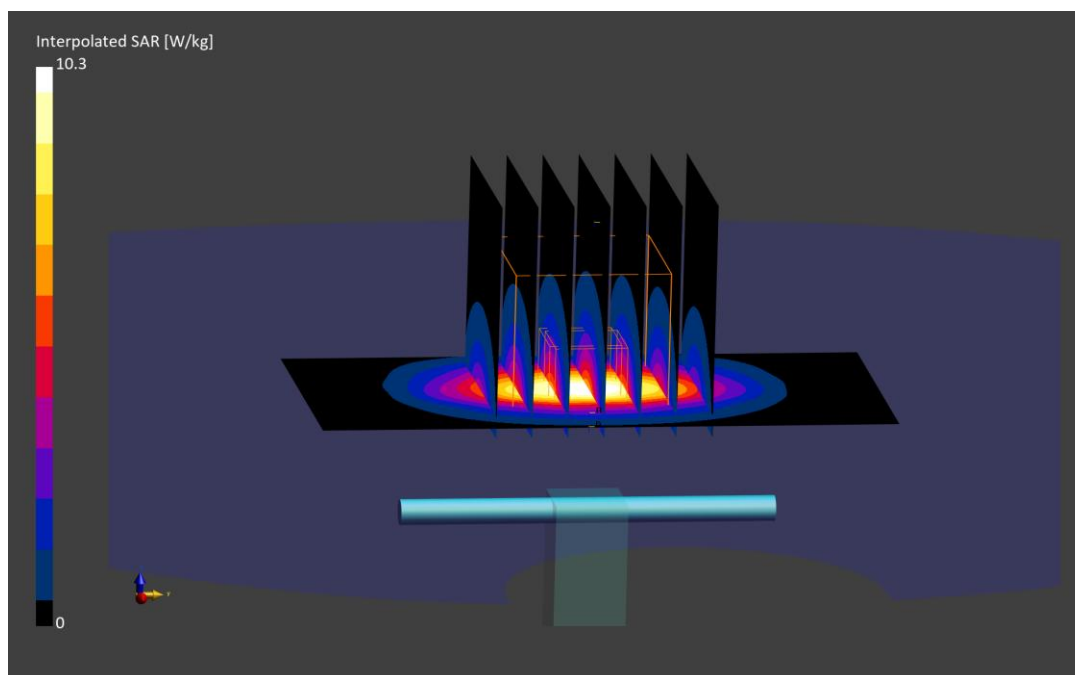
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 10.3 W/kg

SAR(1 g) = 5.19 W/kg; SAR(10 g) = 2.44 W/kg

Deviation (1 g) = -1.89%; Deviation (10 g) = -2.40%



ELEMENT

DUT: Dipole 2450.000 MHz; Type: D2450V2 - SN882

Communication System: UID: 0, CW; Frequency: 2450.000 MHz
Medium: 2450 Head; Medium parameters used:
 $f = 2450.000$ MHz; $\text{cond} = 1.84$ S/m; $\text{perm} = 40.2$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/17/2025; Ambient Temp: 21.9°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7803; ConvF:(6.83,6.83,7.07); Calibrated: 2025-10-13
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1583; Calibrated: 2025-10-13
Phantom: Twin-SAM V5.0; Serial: 1800
Measurement SW: DASY Module SAR V16.4.0.5005

2450.0 MHz System Verification at 20.0 dBm (100 mW)

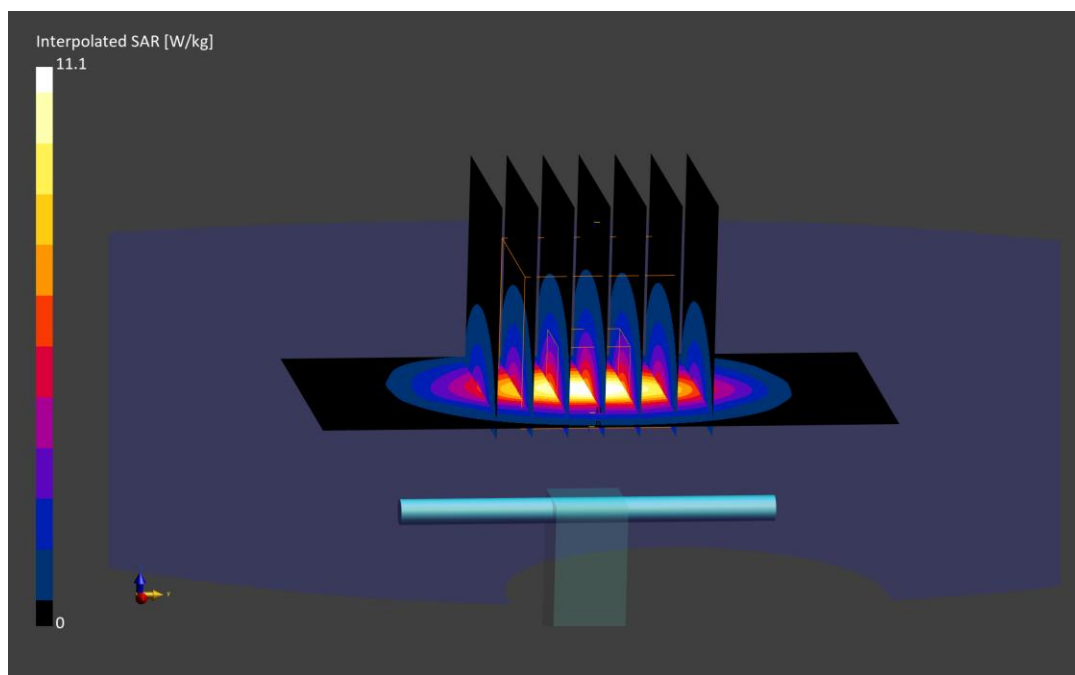
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 11.1 W/kg

SAR(1 g) = 5.67 W/kg; SAR(10 g) = 2.68 W/kg

Deviation (1 g) = 5.59%; Deviation (10 g) = 6.77%



ELEMENT

DUT: Dipole 2450.000 MHz; Type: D2450V2 - SN797

Communication System: UID: 0, CW; Frequency: 2450.000 MHz
Medium: 2450 Head; Medium parameters used:
f = 2450.000 MHz; cond = 1.86 S/m; perm = 40.5; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/22/2025; Ambient Temp: 19.00 C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7406; ConvF:(7.2,6.75,7.31); Calibrated: 2025-11-07
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1677; Calibrated: 2025-11-05
Phantom: Twin-SAM V8.0; Serial: 2064
Measurement SW: DASY Module SAR V16.4.0.5005

2450.0 MHz System Verification at 20.0 dBm (100 mW)

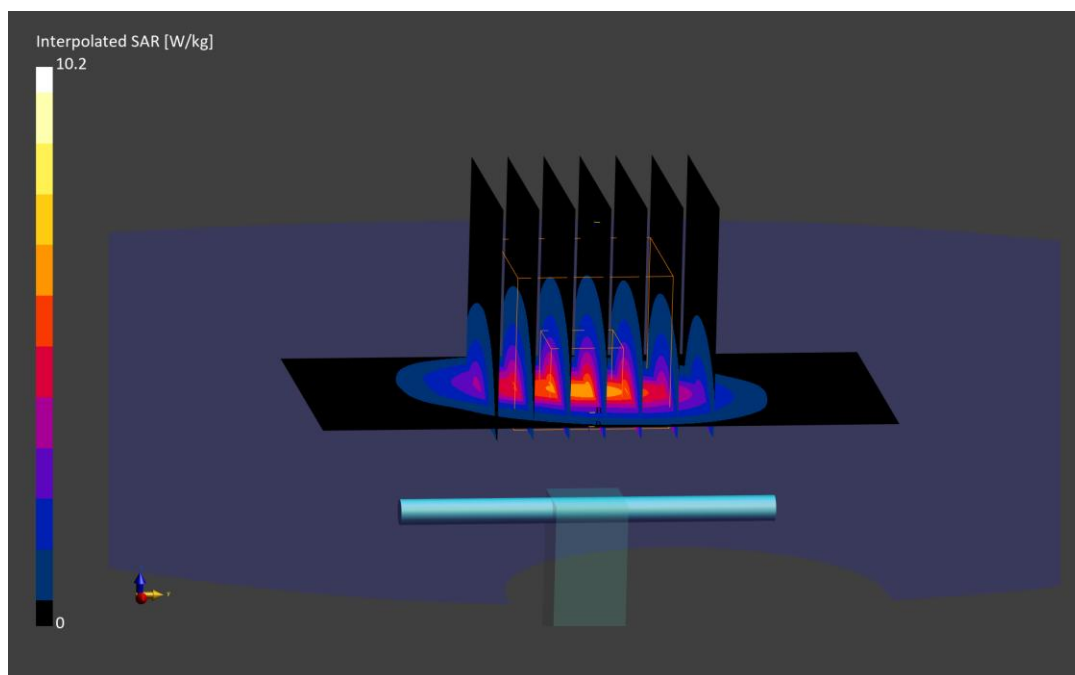
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 10.2 W/kg

SAR(1 g) = 5.09 W/kg; SAR(10 g) = 2.39 W/kg

Deviation (1 g) = -3.23%; Deviation (10 g) = -3.63%



ELEMENT

DUT: Dipole 2450.000 MHz; Type: D2450V2 - SN882

Communication System: UID: 0, CW; Frequency: 2450.000 MHz
Medium: 2450 Head; Medium parameters used:
 $f = 2450.000$ MHz; $\text{cond} = 1.78$ S/m; $\text{perm} = 40.1$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/22/2025; Ambient Temp: 19.5°C; Tissue Temp: 19.5°C

Probe: EX3DV4 - SN7491; ConvF:(7.19,7.08,7.15); Calibrated: 2025-08-12
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; Calibrated: 2025-01-14
Phantom: Twin-SAM V5.0; Serial: 1759
Measurement SW: DASY Module SAR V16.4.0.5005

2450.0 MHz System Verification at 20.0 dBm (100 mW)

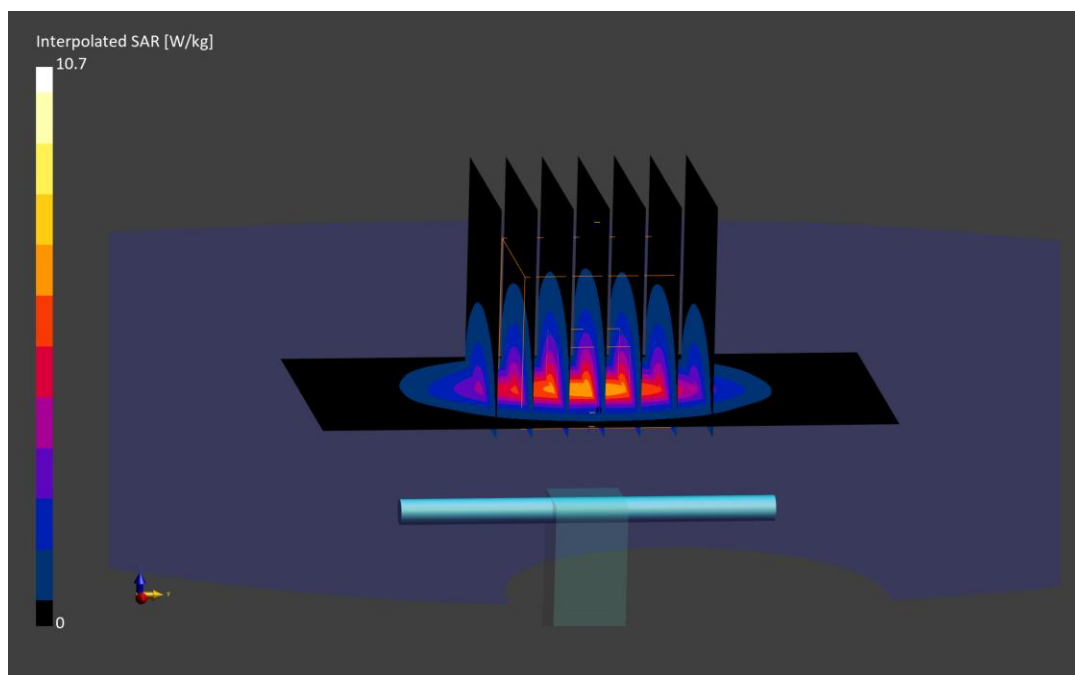
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 10.7 W/kg

SAR(1 g) = 5.40 W/kg; SAR(10 g) = 2.55 W/kg

Deviation (1 g) = 0.56%; Deviation (10 g) = 1.59%



ELEMENT

DUT: Dipole 2600.000 MHz; Type: D2600V2 - SN1126

Communication System: UID: 0, CW; Frequency: 2600.000 MHz
Medium: 2450 Head; Medium parameters used:
f = 2600.000 MHz; cond = 1.90 S/m; perm = 39.1; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 11/24/2025; Ambient Temp: 20.5°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7402; ConvF:(7.06,7.63,7.26); Calibrated: 2025-06-12
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1502; Calibrated: 2025-06-04
Phantom: Twin-SAM V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.4.0.5005

2600.0 MHz System Verification at 20.0 dBm (100 mW)

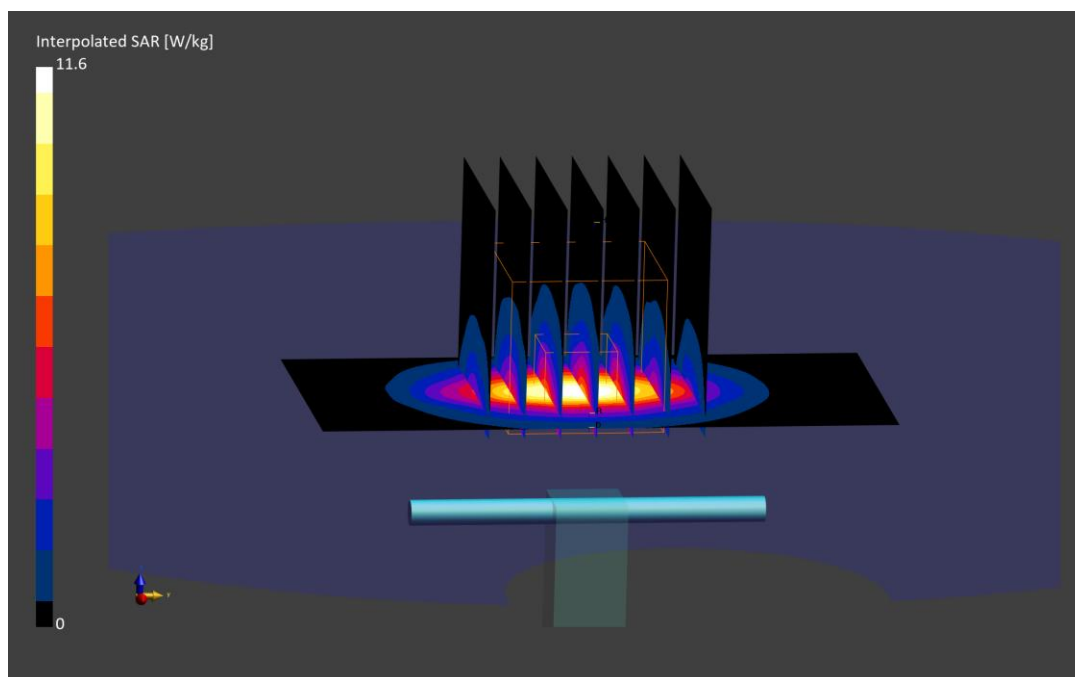
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 11.6 W/kg

SAR(1 g) = 5.62 W/kg; SAR(10 g) = 2.56 W/kg

Deviation (1 g) = 1.63%; Deviation (10 g) = 3.23%



ELEMENT

DUT: Dipole 2600.000 MHz; Type: D2600V2 - SN1126

Communication System: UID: 0, CW; Frequency: 2600.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
f = 2600.000 MHz; cond = 1.90 S/m; perm = 40.0; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/01/2025; Ambient Temp: 20.9°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7491; ConvF:(7.25,7.14,7.21); Calibrated: 2025-08-12
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; Calibrated: 2025-01-14
Phantom: Twin-SAM V5.0; Serial: 1759
Measurement SW: DASY Module SAR V16.4.0.5005

2600.0 MHz System Verification at 20.0 dBm (100 mW)

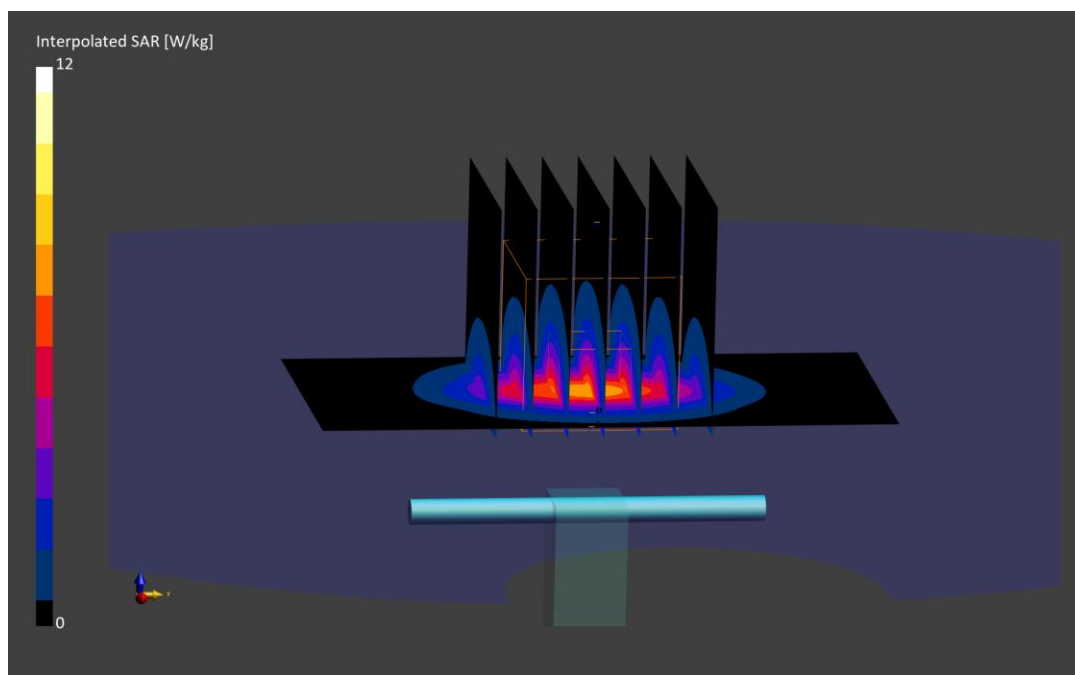
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 12.0 W/kg

SAR(1 g) = 5.81 W/kg; SAR(10 g) = 2.63 W/kg

Deviation (1 g) = 5.06%; Deviation (10 g) = 6.05%



ELEMENT

DUT: Dipole 2600.000 MHz; Type: D2600V2 - SN1126

Communication System: UID: 0, CW; Frequency: 2600.000 MHz
Medium: 2450 Head; Medium parameters used:
f = 2600.000 MHz; cond = 1.94 S/m; perm = 39.2; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/01/2025; Ambient Temp: 20.5°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7558; ConvF:(7.14,6.85,7.42); Calibrated: 2025-09-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1364; Calibrated: 2025-09-10
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.4.0.5005

2600.0 MHz System Verification at 20.0 dBm (100 mW)

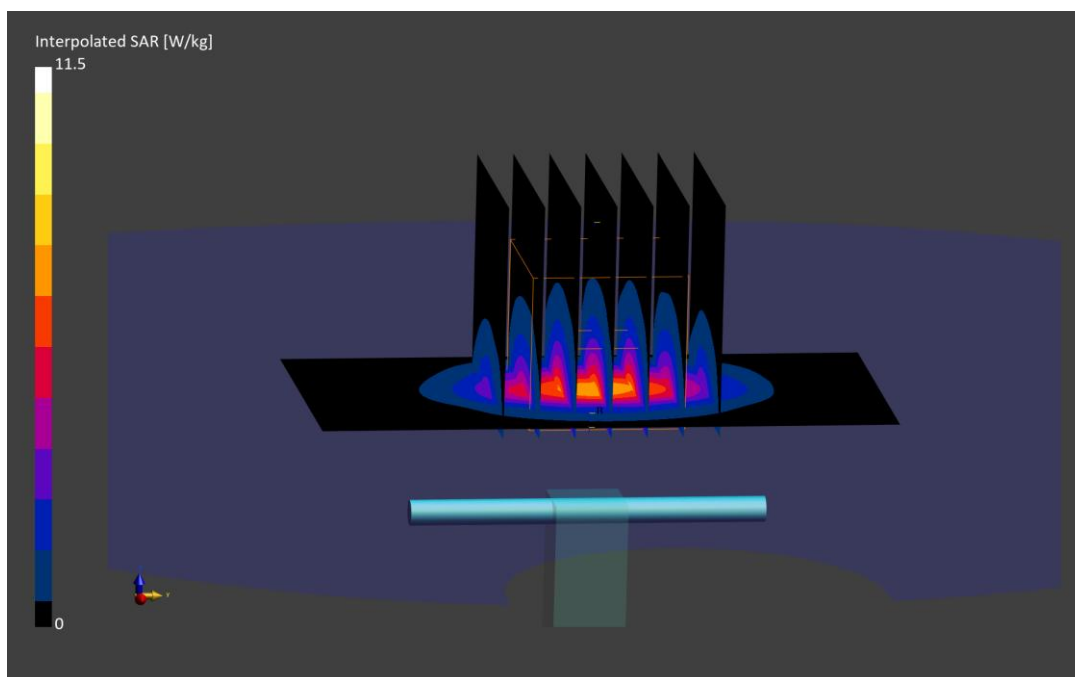
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 11.5 W/kg

SAR(1 g) = 5.66 W/kg; SAR(10 g) = 2.58 W/kg

Deviation (1 g) = 2.35%; Deviation (10 g) = 4.03%



ELEMENT

DUT: Dipole 2600.000 MHz; Type: D2600V2 - SN1009

Communication System: UID: 0, CW; Frequency: 2600.000 MHz
Medium: 2450 Head; Medium parameters used:
f = 2600.000 MHz; cond = 1.88 S/m; perm = 38.4; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/10/2025; Ambient Temp: 22.0°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7803; ConvF:(6.93,6.93,7.18); Calibrated: 2025-10-13
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1583; Calibrated: 2025-10-13
Phantom: Twin-SAM V5.0; Serial: 1800
Measurement SW: DASY Module SAR V16.4.0.5005

2600.0 MHz System Verification at 20.0 dBm (100 mW)

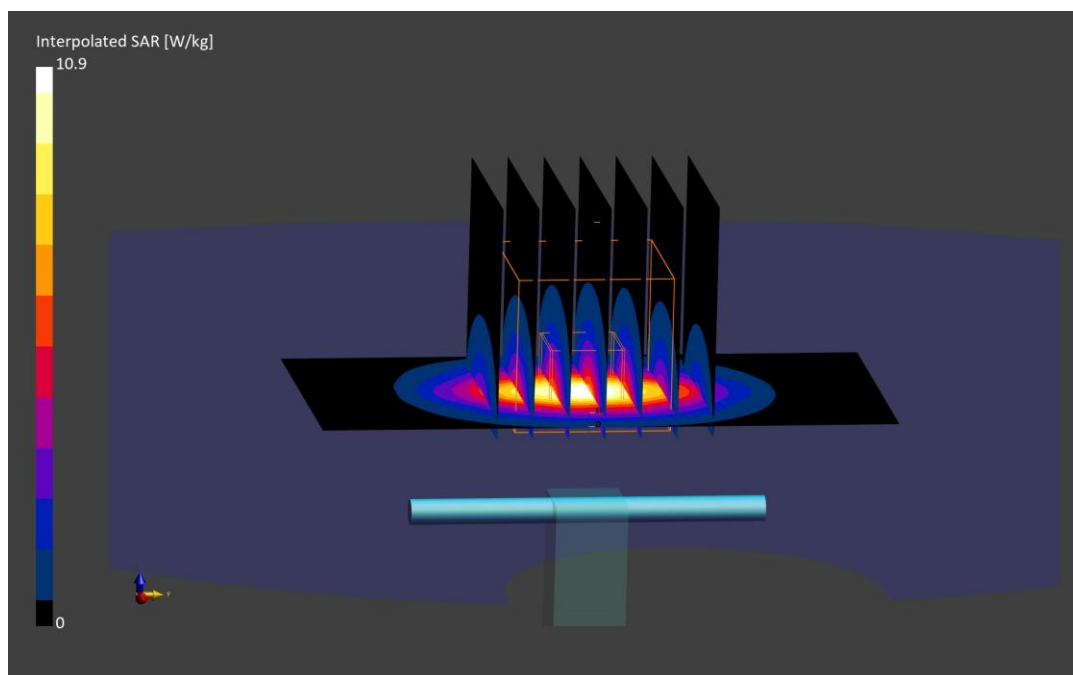
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 10.9 W/kg

SAR(1 g) = 5.33 W/kg; SAR(10 g) = 2.42 W/kg

Deviation (1 g) = -5.66%; Deviation (10 g) = -4.72%



ELEMENT

DUT: Dipole 3500.000 MHz; Type: D3500V2 - SN1127

Communication System: UID: 0, CW; Frequency: 3500.000 MHz
Medium: 3600 Head; Medium parameters used:
f = 3500.000 MHz; cond = 2.91 S/m; perm = 36.7; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 11/19/2025; Ambient Temp: 19.8°C; Tissue Temp: 20.1°C

Probe: EX3DV4 - SN7558; ConvF:(6.46,6.2,6.72); Calibrated: 2025-09-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1364; Calibrated: 2025-09-10
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.4.0.5005

3500.0 MHz System Verification at 20.0 dBm (100 mW)

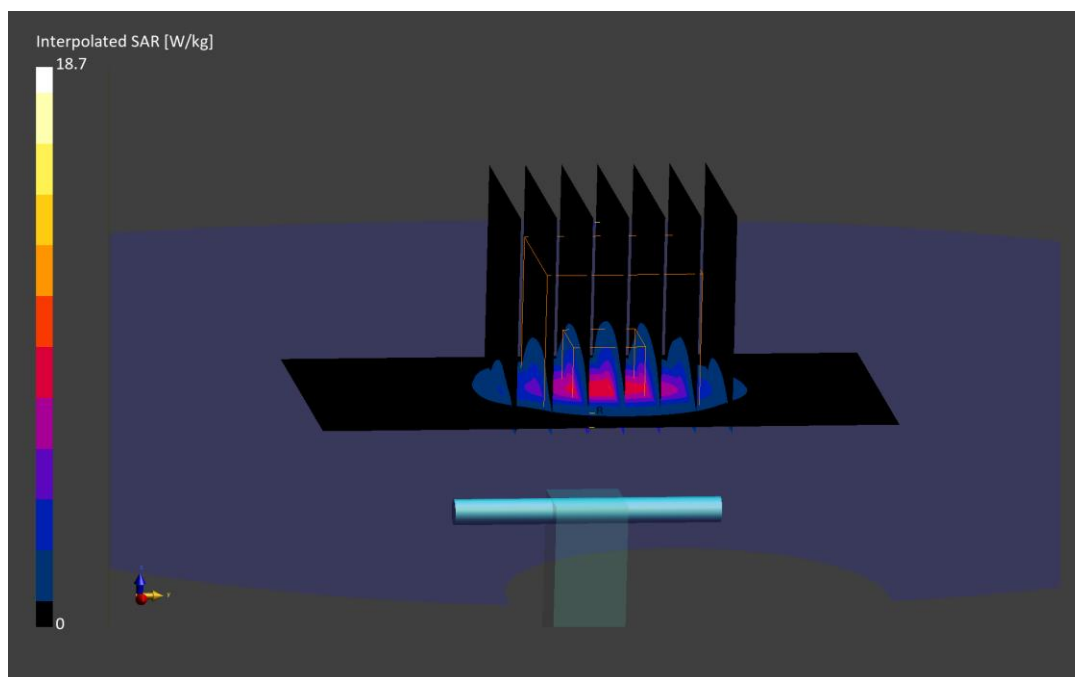
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 29.1): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 18.7 W/kg

SAR(1 g) = 6.78 W/kg; SAR(10 g) = 2.56 W/kg

Deviation (1 g) = 4.47%; Deviation (10 g) = 3.64%



ELEMENT

DUT: Dipole 3500.000 MHz; Type: D3500V2 - SN1127

Communication System: UID: 0, CW; Frequency: 3500.000 MHz
Medium: 3600 Head; Medium parameters used:
f = 3500.000 MHz; cond = 2.97 S/m; perm = 36.6; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 11/26/2025; Ambient Temp: 21.0°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7558; ConvF:(6.46,6.2,6.72); Calibrated: 2025-09-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1364; Calibrated: 2025-09-10
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.4.0.5005

3500.0 MHz System Verification at 20.0 dBm (100 mW)

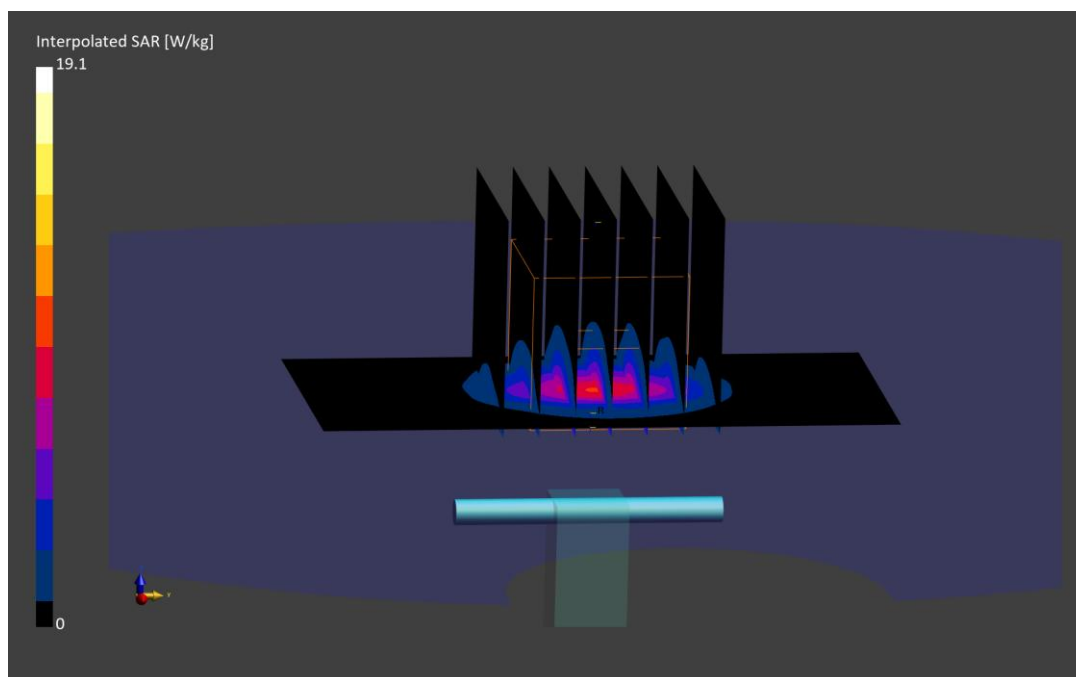
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 29.1): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 19.1 W/kg

SAR(1 g) = 6.95 W/kg; SAR(10 g) = 2.64 W/kg

Deviation (1 g) = 7.09%; Deviation (10 g) = 6.88%



ELEMENT

DUT: Dipole 3500.000 MHz; Type: D3500V2 - SN1127

Communication System: UID: 0, CW; Frequency: 3500.000 MHz
Medium: 3600 Head; Medium parameters used:
f = 3500.000 MHz; cond = 2.97 S/m; perm = 37.5; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/01/2025; Ambient Temp: 20.0°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7402; ConvF:(6.24,6.75,6.43); Calibrated: 2025-06-12
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1502; Calibrated: 2025-06-04
Phantom: Twin-SAM V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.4.0.5005

3500.0 MHz System Verification at 20.0 dBm (100 mW)

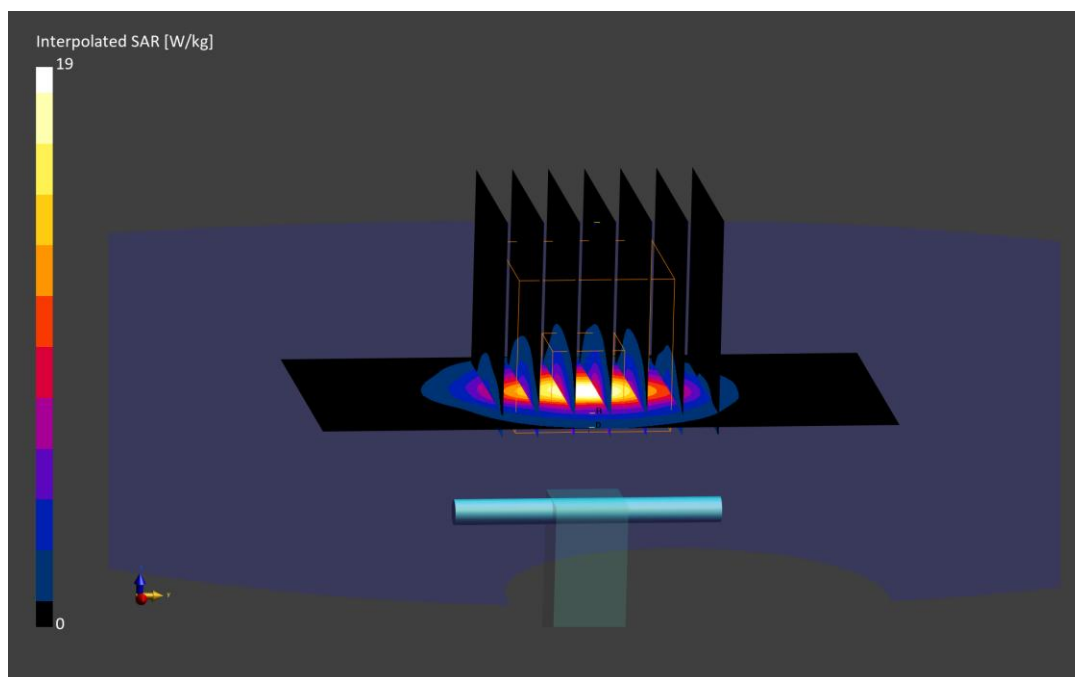
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 29.1): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 19.0 W/kg

SAR(1 g) = 6.97 W/kg; SAR(10 g) = 2.61 W/kg

Deviation (1 g) = 7.40%; Deviation (10 g) = 5.67%



ELEMENT

DUT: Dipole 3500.000 MHz; Type: D3500V2 - SN1127

Communication System: UID: 0, CW; Frequency: 3500.000 MHz
Medium: 3600 Head; Medium parameters used:
 $f = 3500.000$ MHz; $\text{cond} = 2.98$ S/m; $\text{perm} = 36.7$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/03/2025; Ambient Temp: 20.1°C; Tissue Temp: 19.3°C

Probe: EX3DV4 - SN7402; ConvF:(6.24,6.75,6.43); Calibrated: 2025-06-12
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1502; Calibrated: 2025-06-04
Phantom: Twin-SAM V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.4.0.5005

3500.0 MHz System Verification at 20.0 dBm (100 mW)

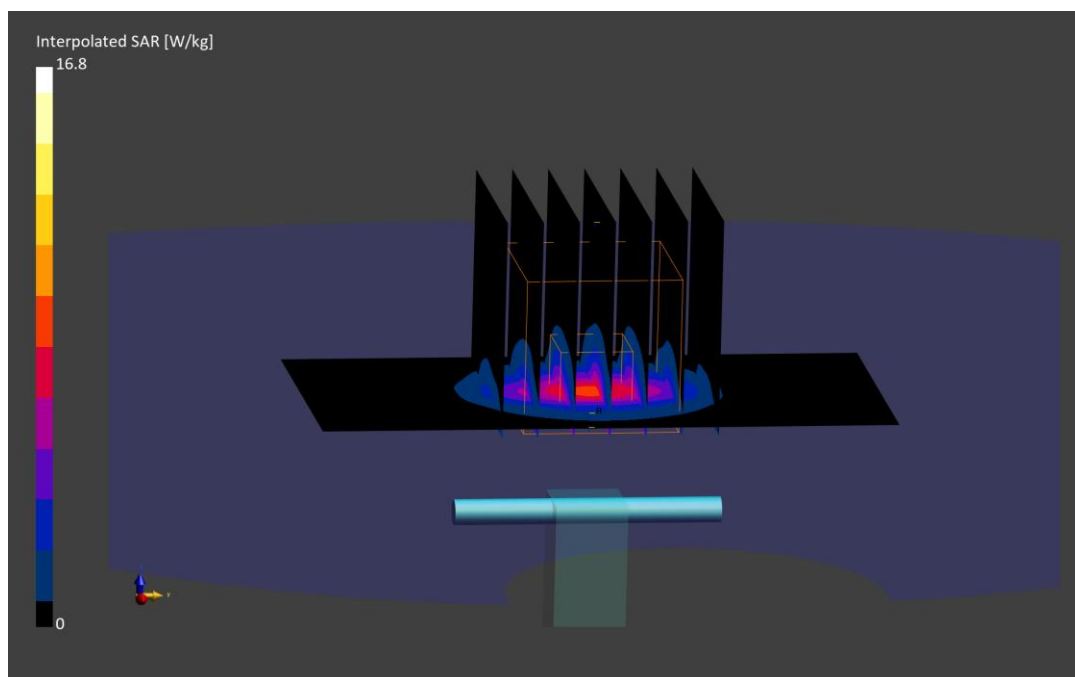
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 29.1): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 16.8 W/kg

SAR(1 g) = 6.23 W/kg; SAR(10 g) = 2.33 W/kg

Deviation (1 g) = -4.01%; Deviation (10 g) = -5.67%



ELEMENT

DUT: Dipole 3500.000 MHz; Type: D3500V2 - SN1127

Communication System: UID: 0, CW; Frequency: 3500.000 MHz
Medium: 3600 Head; Medium parameters used:
 $f = 3500.000$ MHz; $\text{cond} = 2.98$ S/m; $\text{perm} = 37.4$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/14/2025; Ambient Temp: 21.2°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN7558; ConvF:(6.46,6.2,6.72); Calibrated: 2025-09-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1364; Calibrated: 2025-09-10
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.4.0.5005

3500.0 MHz System Verification at 20.0 dBm (100 mW)

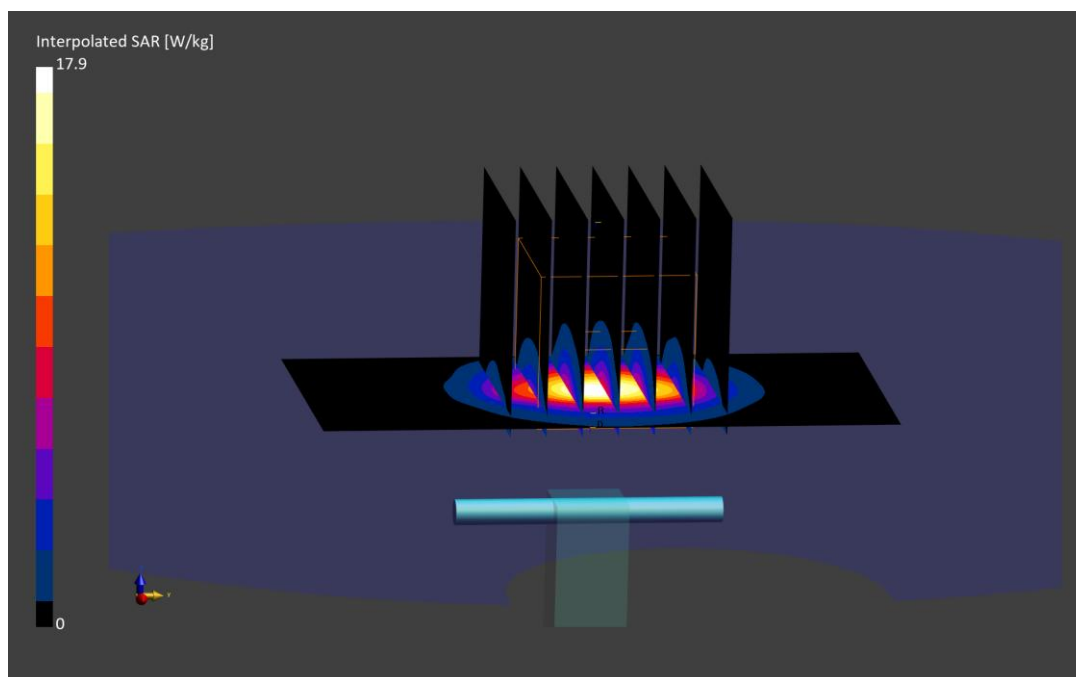
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 29.1): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 17.9 W/kg

SAR(1 g) = 6.61 W/kg; SAR(10 g) = 2.50 W/kg

Deviation (1 g) = 1.85%; Deviation (10 g) = 1.21%



ELEMENT

DUT: Dipole 3500.000 MHz; Type: D3500V2 - SN1127

Communication System: UID: 0, CW; Frequency: 3500.000 MHz
Medium: 3600 Head; Medium parameters used:
f = 3500.000 MHz; cond = 2.99 S/m; perm = 37.1; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/17/2025; Ambient Temp: 21.2°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7558; ConvF:(6.46,6.2,6.72); Calibrated: 2025-09-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1364; Calibrated: 2025-09-10
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.4.0.5005

3500.0 MHz System Verification at 20.0 dBm (100 mW)

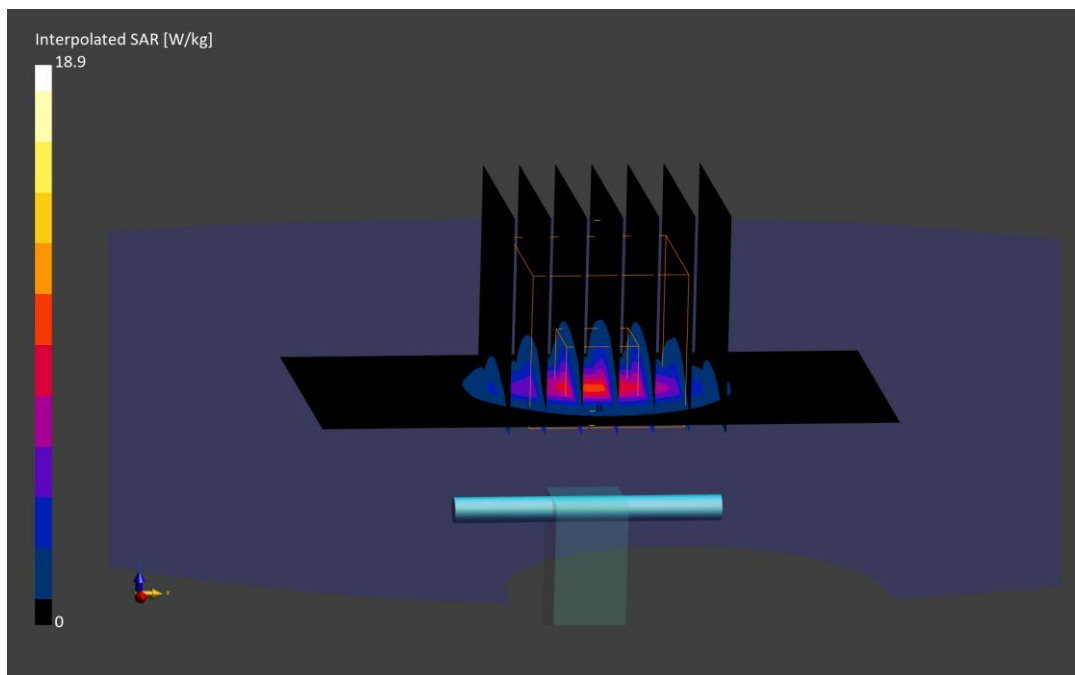
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 29.1): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 18.9 W/kg

SAR(1 g) = 7.00 W/kg; SAR(10 g) = 2.62 W/kg

Deviation (1 g) = 7.86%; Deviation (10 g) = 6.07%



ELEMENT

DUT: Dipole 3700.000 MHz; Type: D3700V2 - SN1096

Communication System: UID: 0, CW; Frequency: 3700.000 MHz
Medium: 3600 Head; Medium parameters used:
 $f = 3700.000$ MHz; $\text{cond} = 3.08$ S/m; $\text{perm} = 36.4$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 11/19/2025; Ambient Temp: 19.8°C; Tissue Temp: 20.1°C

Probe: EX3DV4 - SN7558; ConvF:(6.51,6.25,6.77); Calibrated: 2025-09-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1364; Calibrated: 2025-09-10
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.4.0.5005

3700.0 MHz System Verification at 20.0 dBm (100 mW)

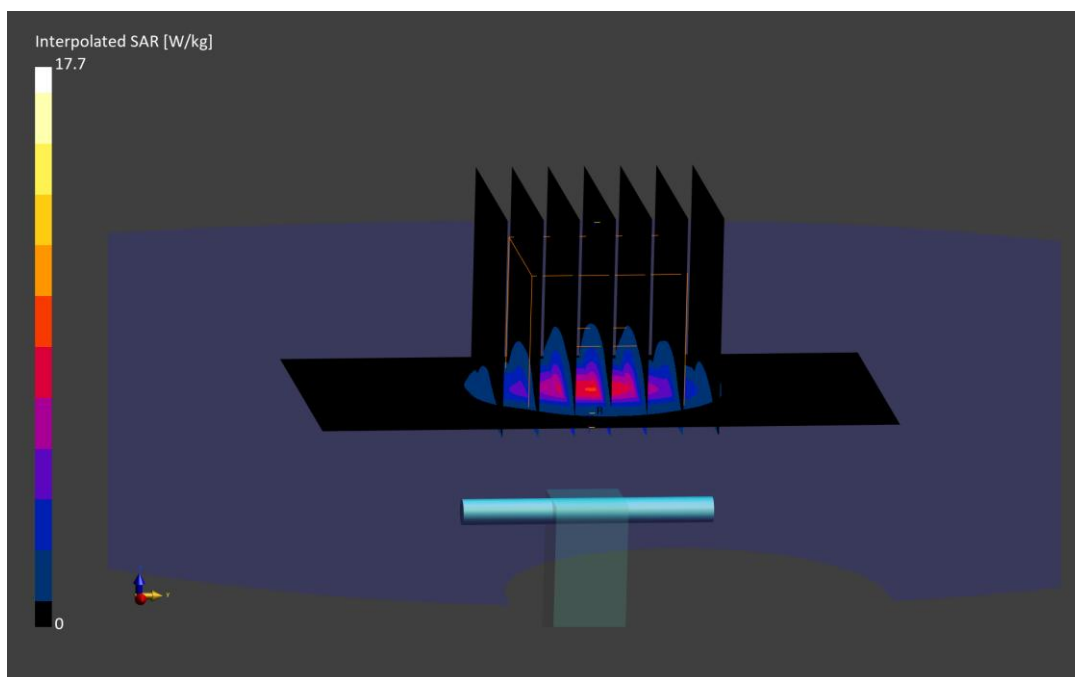
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 29.1): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 17.7 W/kg

SAR(1 g) = 6.35 W/kg; SAR(10 g) = 2.34 W/kg

Deviation (1 g) = -8.76%; Deviation (10 g) = -8.59%



ELEMENT

DUT: Dipole 3700.000 MHz; Type: D3700V2 - SN1096

Communication System: UID: 0, CW; Frequency: 3700.000 MHz
Medium: 3600 Head; Medium parameters used:
f = 3700.000 MHz; cond = 3.13 S/m; perm = 36.3; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 11/26/2025; Ambient Temp: 21.0°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7558; ConvF:(6.51,6.25,6.77); Calibrated: 2025-09-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1364; Calibrated: 2025-09-10
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.4.0.5005

3700.0 MHz System Verification at 20.0 dBm (100 mW)

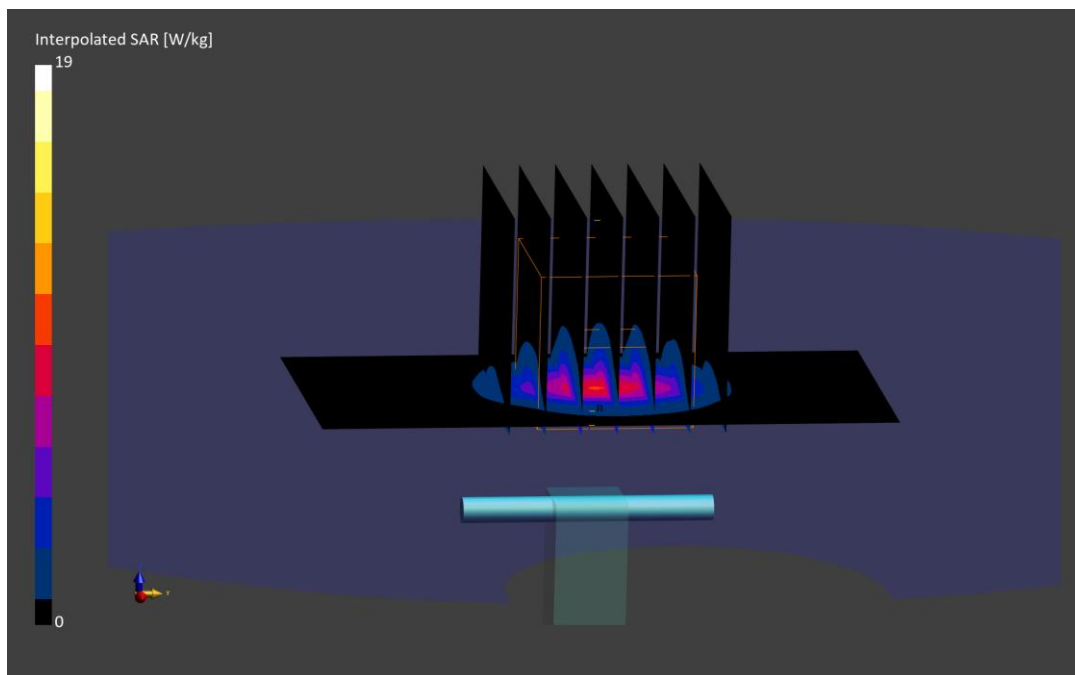
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 29.1): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 19.0 W/kg

SAR(1 g) = 6.81 W/kg; SAR(10 g) = 2.50 W/kg

Deviation (1 g) = -2.16%; Deviation (10 g) = -2.34%



ELEMENT

DUT: Dipole 3700.000 MHz; Type: D3700V2 - SN1096

Communication System: UID: 0, CW; Frequency: 3700.000 MHz
Medium: 3600 Head; Medium parameters used:
 $f = 3700.000$ MHz; $\text{cond} = 3.14$ S/m; $\text{perm} = 37.2$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/01/2025; Ambient Temp: 20.0°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7402; ConvF:(6.35,6.86,6.54); Calibrated: 2025-06-12
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1502; Calibrated: 2025-06-04
Phantom: Twin-SAM V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.4.0.5005

3700.0 MHz System Verification at 20.0 dBm (100 mW)

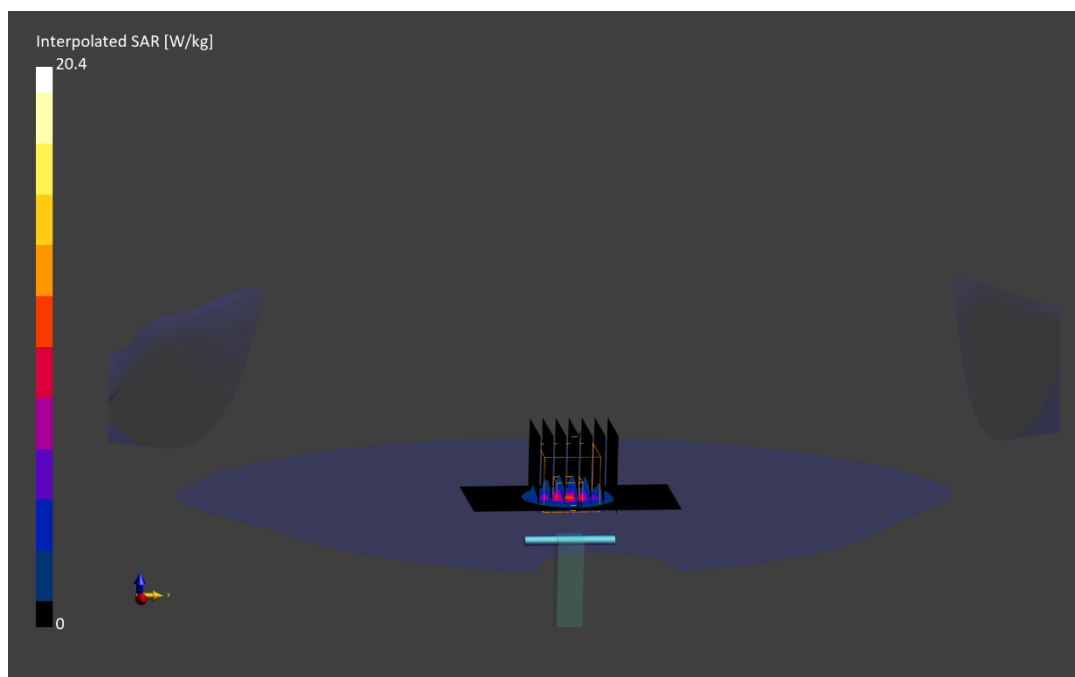
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 29.1): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 20.4 W/kg

SAR(1 g) = 7.24 W/kg; SAR(10 g) = 2.62 W/kg

Deviation (1 g) = 4.02%; Deviation (10 g) = 2.34%



ELEMENT

DUT: Dipole 3700.000 MHz; Type: D3700V2 - SN1096

Communication System: UID: 0, CW; Frequency: 3700.000 MHz
Medium: 3600 Head; Medium parameters used:
f = 3700.000 MHz; cond = 3.14 S/m; perm = 36.4; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/03/2025; Ambient Temp: 20.1°C; Tissue Temp: 19.3°C

Probe: EX3DV4 - SN7402; ConvF:(6.35,6.86,6.54); Calibrated: 2025-06-12
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1502; Calibrated: 2025-06-04
Phantom: Twin-SAM V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.4.0.5005

3700.0 MHz System Verification at 20.0 dBm (100 mW)

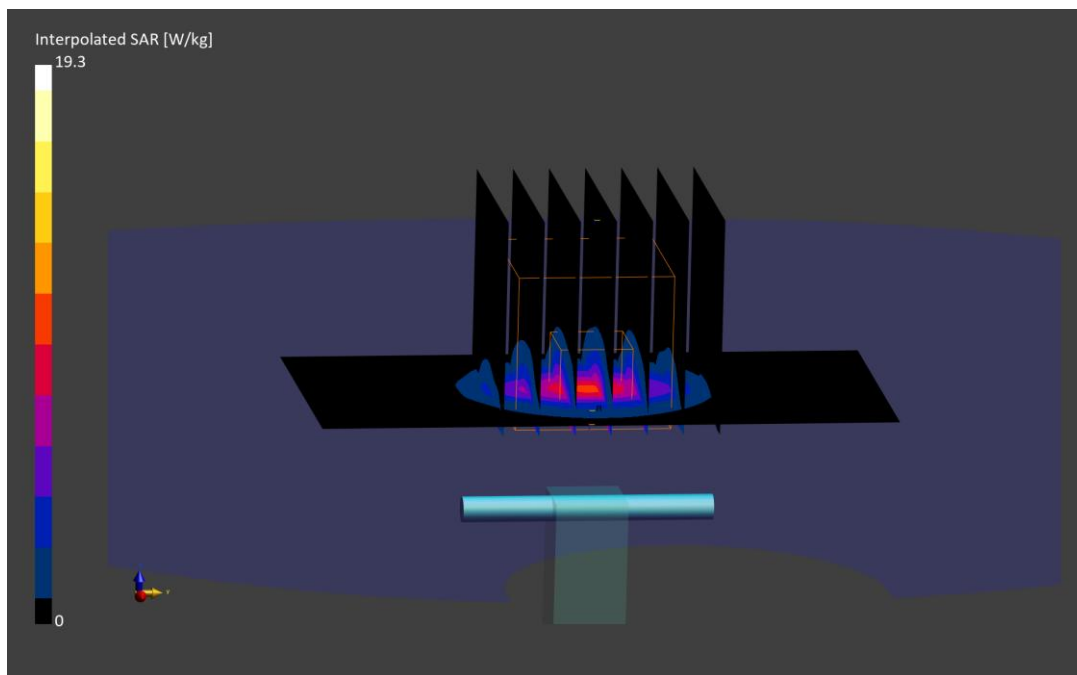
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 29.1): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 19.3 W/kg

SAR(1 g) = 6.83 W/kg; SAR(10 g) = 2.48 W/kg

Deviation (1 g) = -1.87%; Deviation (10 g) = -3.13%



ELEMENT

DUT: Dipole 3700.000 MHz; Type: D3700V2 - SN1096

Communication System: UID: 0, CW; Frequency: 3700.000 MHz
Medium: 3600 Head; Medium parameters used:
 $f = 3700.000$ MHz; $\text{cond} = 3.15$ S/m; $\text{perm} = 37.1$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/14/2025; Ambient Temp: 21.2°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN7558; ConvF:(6.51,6.25,6.77); Calibrated: 2025-09-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1364; Calibrated: 2025-09-10
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.4.0.5005

3700.0 MHz System Verification at 20.0 dBm (100 mW)

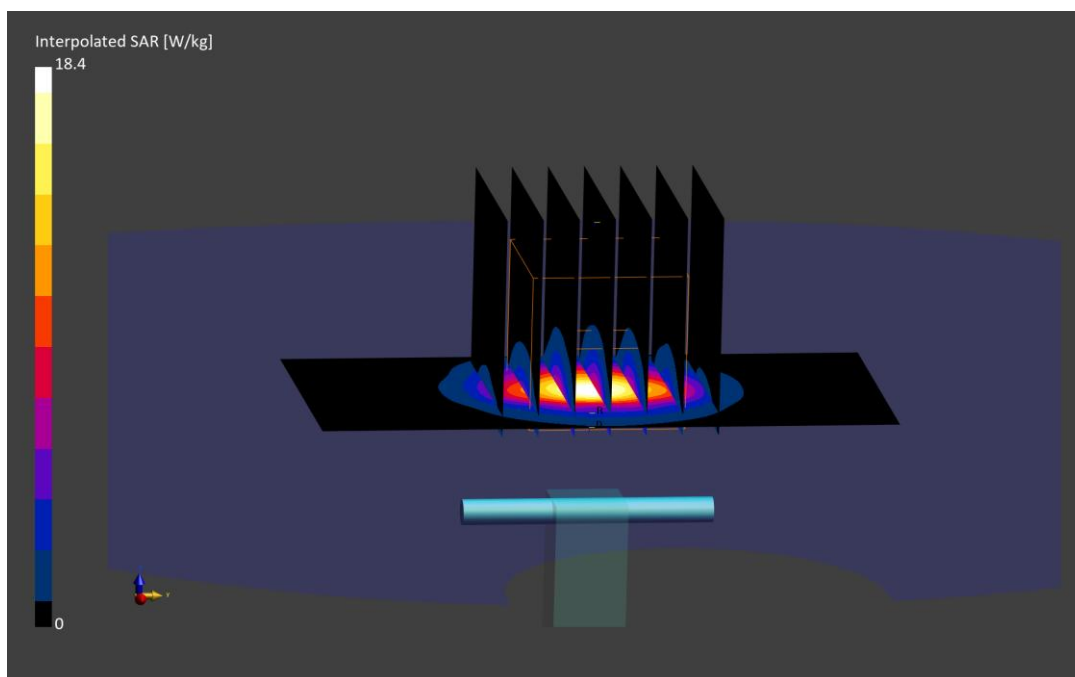
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 29.1): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 18.4 W/kg

SAR(1 g) = 6.57 W/kg; SAR(10 g) = 2.41 W/kg

Deviation (1 g) = -5.60%; Deviation (10 g) = -5.86%



ELEMENT

DUT: Dipole 3700.000 MHz; Type: D3700V2 - SN1096

Communication System: UID: 0, CW; Frequency: 3700.000 MHz
Medium: 3600 Head; Medium parameters used:
 $f = 3700.000$ MHz; $\text{cond} = 3.15$ S/m; $\text{perm} = 36.7$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/17/2025; Ambient Temp: 21.2°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7558; ConvF:(6.51,6.25,6.77); Calibrated: 2025-09-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1364; Calibrated: 2025-09-10
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.4.0.5005

3700.0 MHz System Verification at 20.0 dBm (100 mW)

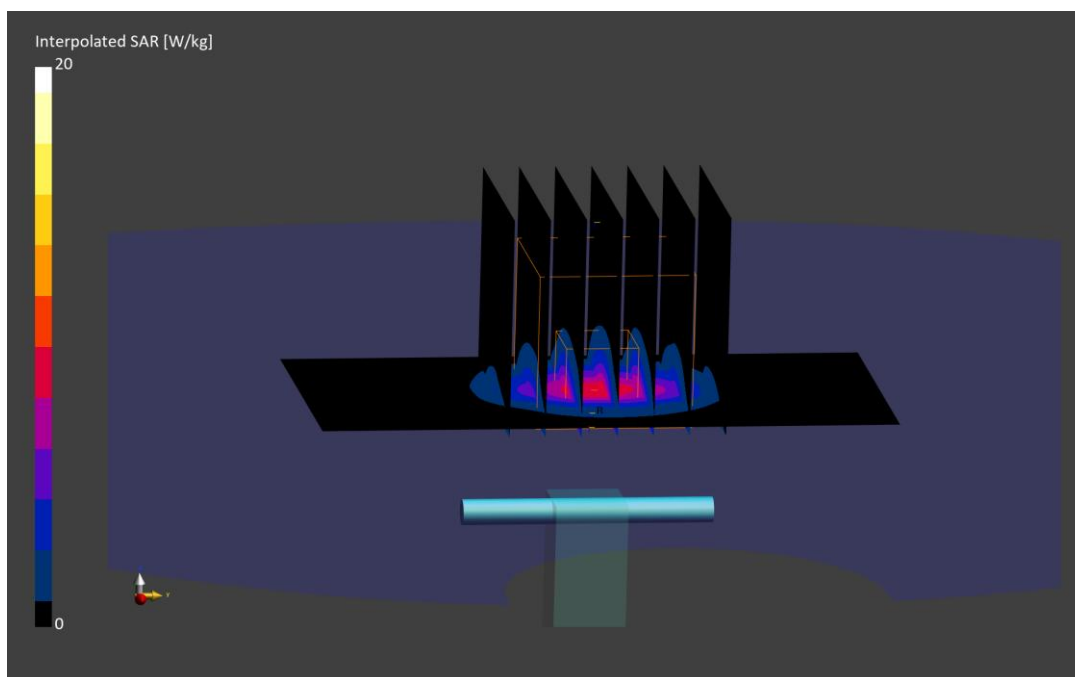
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 29.1): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 20.0 W/kg

SAR(1 g) = 7.11 W/kg; SAR(10 g) = 2.60 W/kg

Deviation (1 g) = 2.16%; Deviation (10 g) = 1.56%



ELEMENT

DUT: Dipole 3900.000 MHz; Type: D3900V2 - SN1074

Communication System: UID: 0, CW; Frequency: 3900.000 MHz
Medium: 3600 Head; Medium parameters used:
f = 3900.000 MHz; cond = 3.23 S/m; perm = 36.2; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 11/19/2025; Ambient Temp: 19.8°C; Tissue Temp: 20.1°C

Probe: EX3DV4 - SN7558; ConvF:(6.34,6.09,6.59); Calibrated: 2025-09-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1364; Calibrated: 2025-09-10
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.4.0.5005

3900.0 MHz System Verification at 20.0 dBm (100 mW)

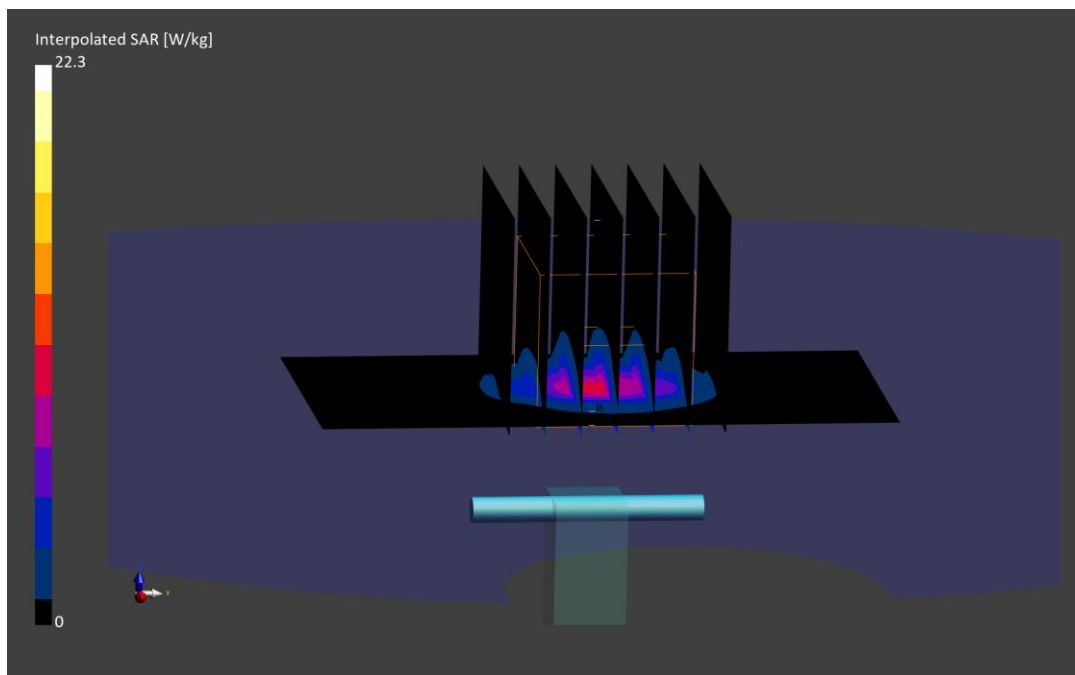
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 29.1): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 22.3 W/kg

SAR(1 g) = 7.41 W/kg; SAR(10 g) = 2.62 W/kg

Deviation (1 g) = 4.66%; Deviation (10 g) = 5.65%



ELEMENT

DUT: Dipole 3900.000 MHz; Type: D3900V2 - SN1074

Communication System: UID: 0, CW; Frequency: 3900.000 MHz
Medium: 3600 Head; Medium parameters used:
f = 3900.000 MHz; cond = 3.32 S/m; perm = 36.8; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/14/2025; Ambient Temp: 21.2°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN7558; ConvF:(6.34,6.09,6.59); Calibrated: 2025-09-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1364; Calibrated: 2025-09-10
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.4.0.5005

3900.0 MHz System Verification at 20.0 dBm (100 mW)

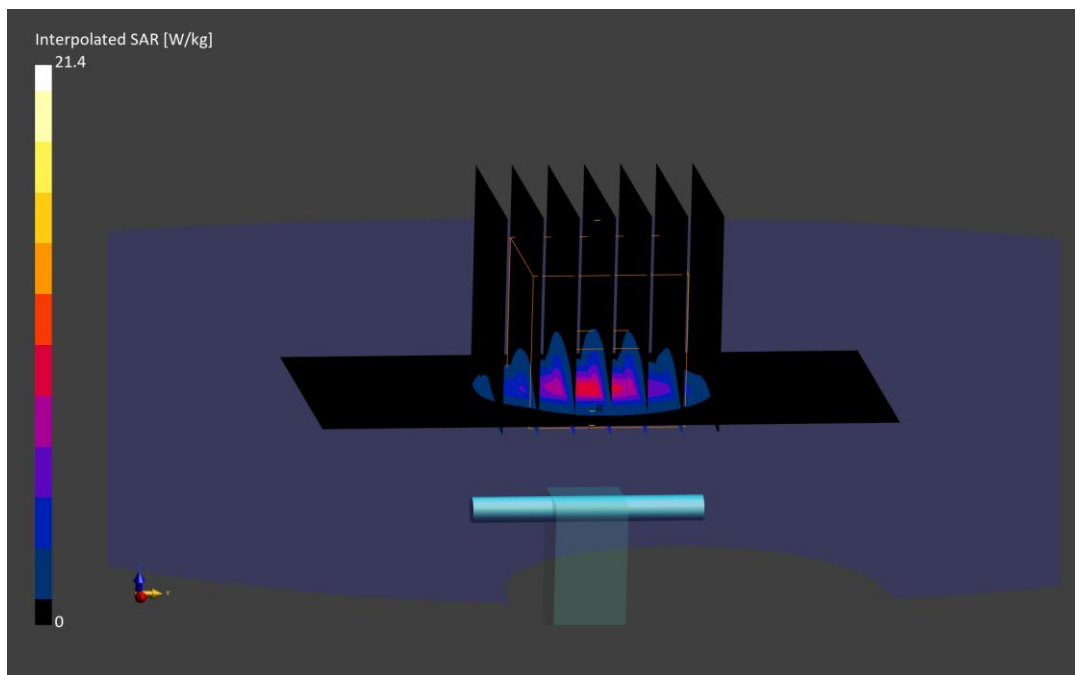
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 29.1): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 21.4 W/kg

SAR(1 g) = 7.23 W/kg; SAR(10 g) = 2.53 W/kg

Deviation (1 g) = 2.12%; Deviation (10 g) = 2.02%



ELEMENT

DUT: Dipole 3900.000 MHz; Type: D3900V2 - SN1074

Communication System: UID: 0, CW; Frequency: 3900.000 MHz
Medium: 3600 Head; Medium parameters used:
f = 3900.000 MHz; cond = 3.31 S/m; perm = 36.5; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/17/2025; Ambient Temp: 21.2°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7558; ConvF:(6.34,6.09,6.59); Calibrated: 2025-09-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1364; Calibrated: 2025-09-10
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.4.0.5005

3900.0 MHz System Verification at 20.0 dBm (100 mW)

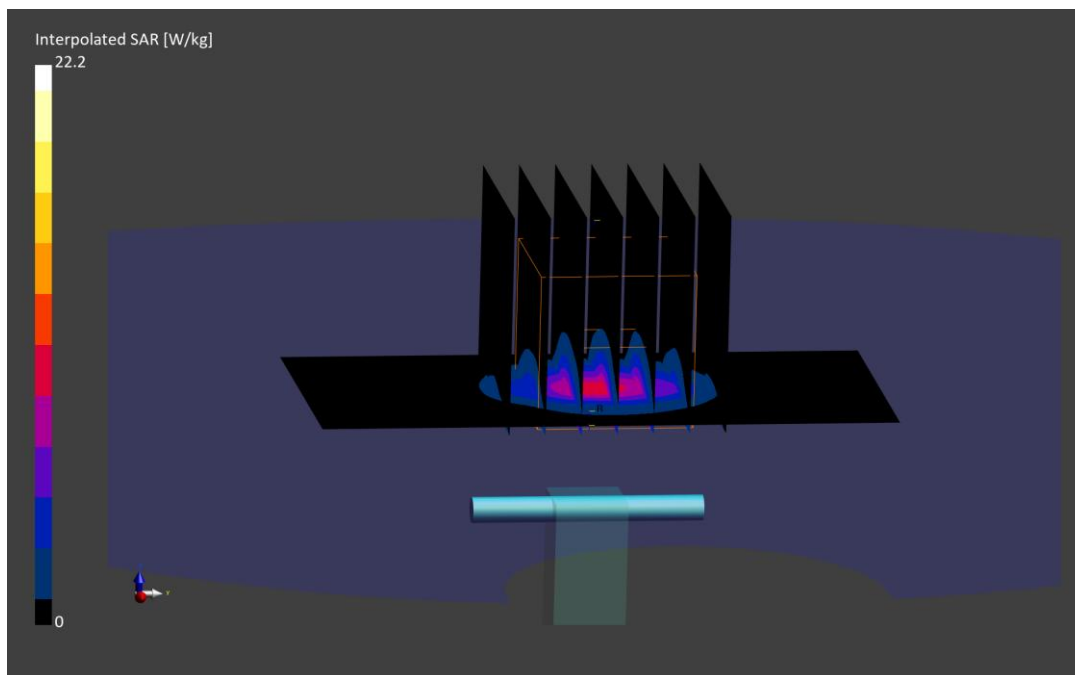
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 29.1): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 22.2 W/kg

SAR(1 g) = 7.49 W/kg; SAR(10 g) = 2.60 W/kg

Deviation (1 g) = 5.79%; Deviation (10 g) = 4.84%



ELEMENT

DUT: Dipole 5250.000 MHz; Type: D5GHzV2 - SN1057

Communication System: UID: 0, CW; Frequency: 5250.000 MHz
Medium: 5250-5800 Head; Medium parameters used:
f = 5250.000 MHz; cond = 4.72 S/m; perm = 35.3; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 11/29/2025; Ambient Temp: 21.3°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7661; ConvF:(5.7,6.07,6.06); Calibrated: 2025-06-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1558; Calibrated: 2025-06-05
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.4.0.5005

5250.0 MHz System Verification at 17.0 dBm (50 mW)

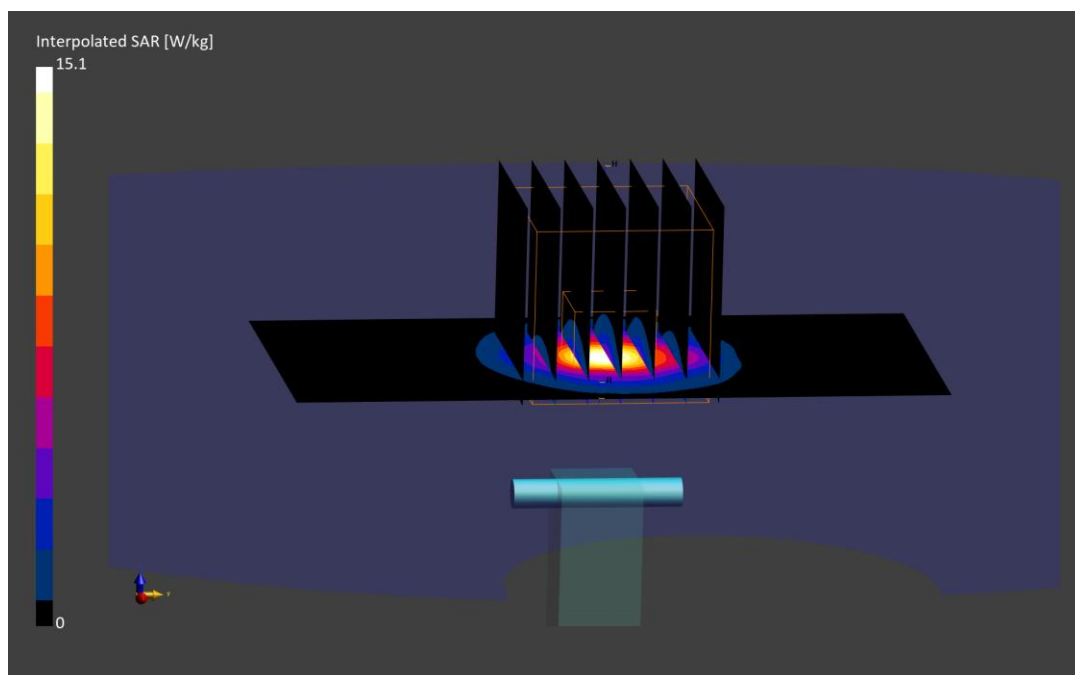
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (24.0 x 24.0 x 22.9): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 15.1 W/kg

SAR(1 g) = 3.71 W/kg; SAR(10 g) = 1.06 W/kg

Deviation (1 g) = -6.55%; Deviation (10 g) = -6.61%



ELEMENT

DUT: Dipole 5250.000 MHz; Type: D5GHzV2 - SN1057

Communication System: UID: 0, CW; Frequency: 5250.000 MHz
Medium: 5250-5800 Head; Medium parameters used:
f = 5250.000 MHz; cond = 4.59 S/m; perm = 35.7; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/04/2025; Ambient Temp: 21.5°C; Tissue Temp: 19.1°C

Probe: EX3DV4 - SN7661; ConvF:(5.7,6.07,6.06); Calibrated: 2025-06-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1558; Calibrated: 2025-06-05
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.4.0.5005

5250.0 MHz System Verification at 17.0 dBm (50 mW)

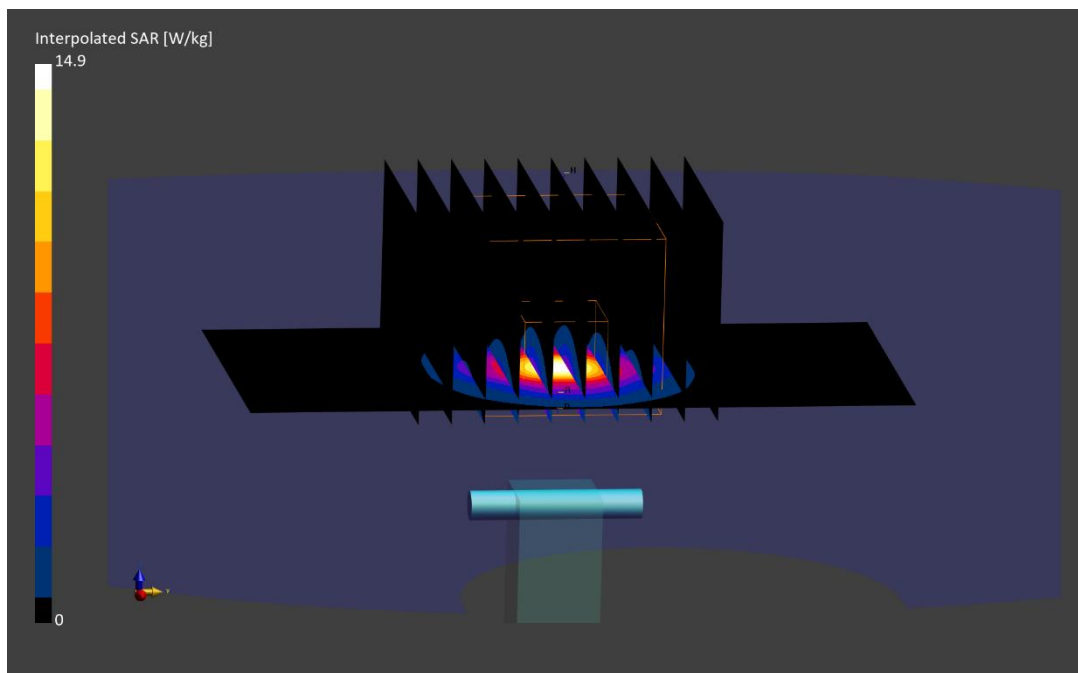
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (32.0 x 36.0 x 22.9): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 14.9 W/kg

SAR(1 g) = 3.67 W/kg; SAR(10 g) = 1.05 W/kg

Deviation (1 g) = -7.56%; Deviation (10 g) = -7.49%



ELEMENT

DUT: Dipole 5250.000 MHz; Type: D5GHzV2 - SN1057

Communication System: UID: 0, CW; Frequency: 5250.000 MHz
Medium: 5250-5800 Head; Medium parameters used:
f = 5250.000 MHz; cond = 4.62 S/m; perm = 36.2; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/09/2025; Ambient Temp: 20.3°C; Tissue Temp: 19.3°C

Probe: EX3DV4 - SN7661; ConvF:(5.7,6.07,6.06); Calibrated: 2025-06-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1558; Calibrated: 2025-06-05
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.4.0.5005

5250.0 MHz System Verification at 17.0 dBm (50 mW)

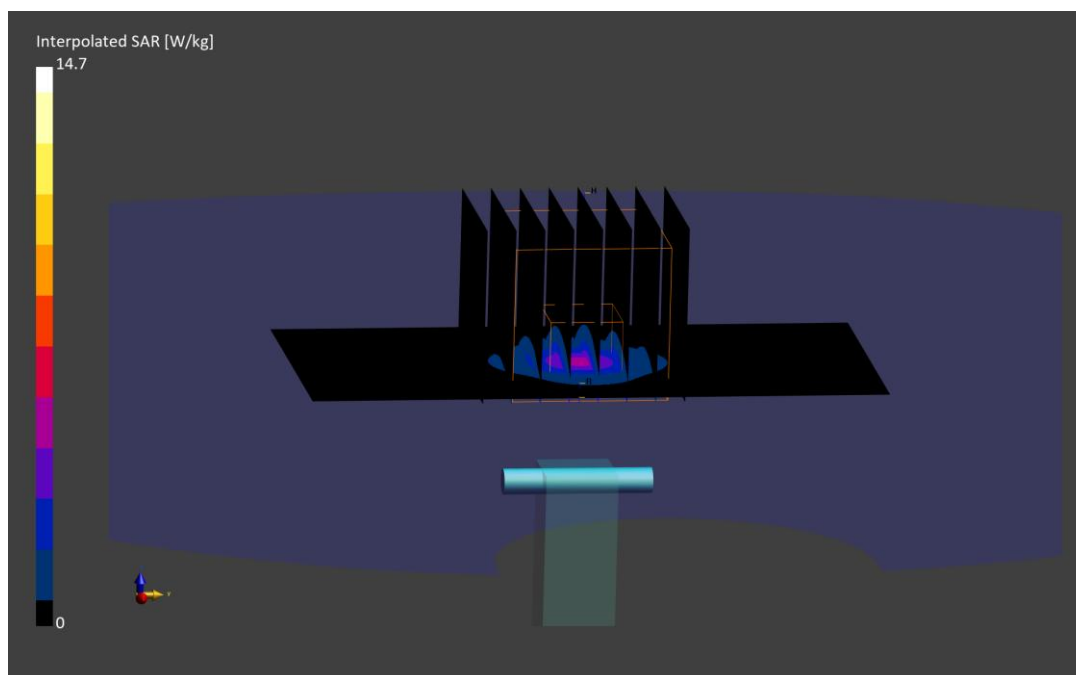
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (24.0 x 28.0 x 22.9): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 14.7 W/kg

SAR(1 g) = 3.59 W/kg; SAR(10 g) = 1.03 W/kg

Deviation (1 g) = -9.57%; Deviation (10 g) = -9.25%



ELEMENT

DUT: Dipole 5600.000 MHz; Type: D5GHzV2 - SN1057

Communication System: UID: 0, CW; Frequency: 5600.000 MHz
Medium: 5250-5800 Head; Medium parameters used:
f = 5600.000 MHz; cond = 5.10 S/m; perm = 34.6; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 11/29/2025; Ambient Temp: 21.3°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7661; ConvF:(5.13,5.46,5.46); Calibrated: 2025-06-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1558; Calibrated: 2025-06-05
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.4.0.5005

5600.0 MHz System Verification at 17.0 dBm (50 mW)

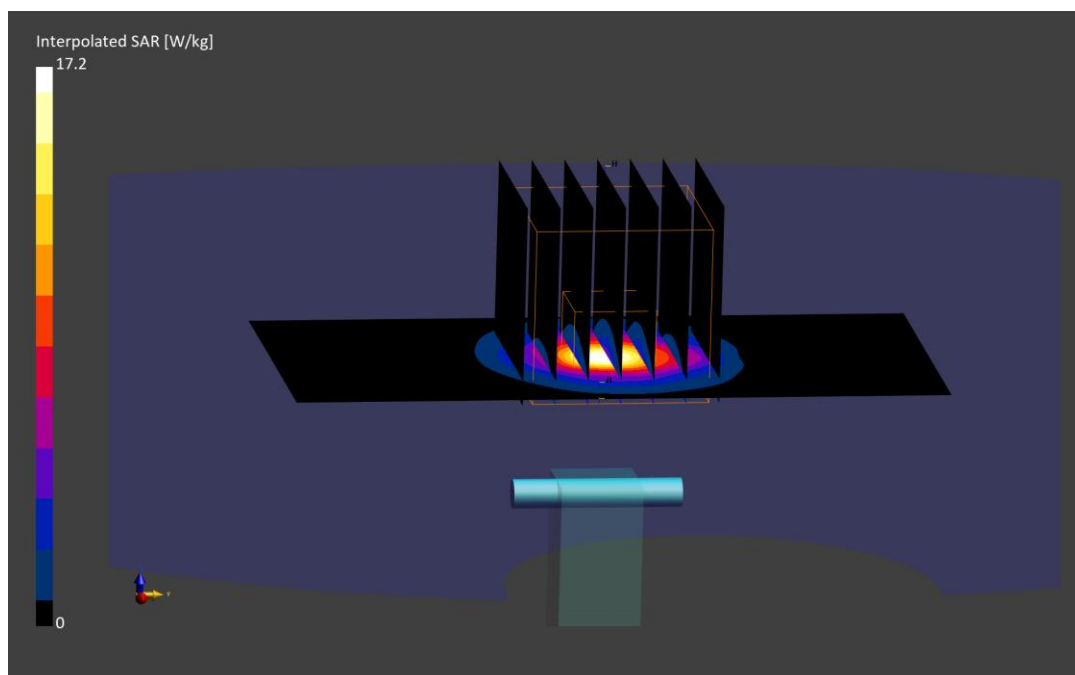
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (24.0 x 24.0 x 22.9): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 17.2 W/kg

SAR(1 g) = 3.91 W/kg; SAR(10 g) = 1.12 W/kg

Deviation (1 g) = -5.56%; Deviation (10 g) = -5.08%



ELEMENT

DUT: Dipole 5600.000 MHz; Type: D5GHzV2 - SN1057

Communication System: UID: 0, CW; Frequency: 5600.000 MHz
Medium: 5250-5800 Head; Medium parameters used:
f = 5600.000 MHz; cond = 4.98 S/m; perm = 35.1; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/04/2025; Ambient Temp: 21.5°C; Tissue Temp: 19.1°C

Probe: EX3DV4 - SN7661; ConvF:(5.13,5.46,5.46); Calibrated: 2025-06-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1558; Calibrated: 2025-06-05
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.4.0.5005

5600.0 MHz System Verification at 17.0 dBm (50 mW)

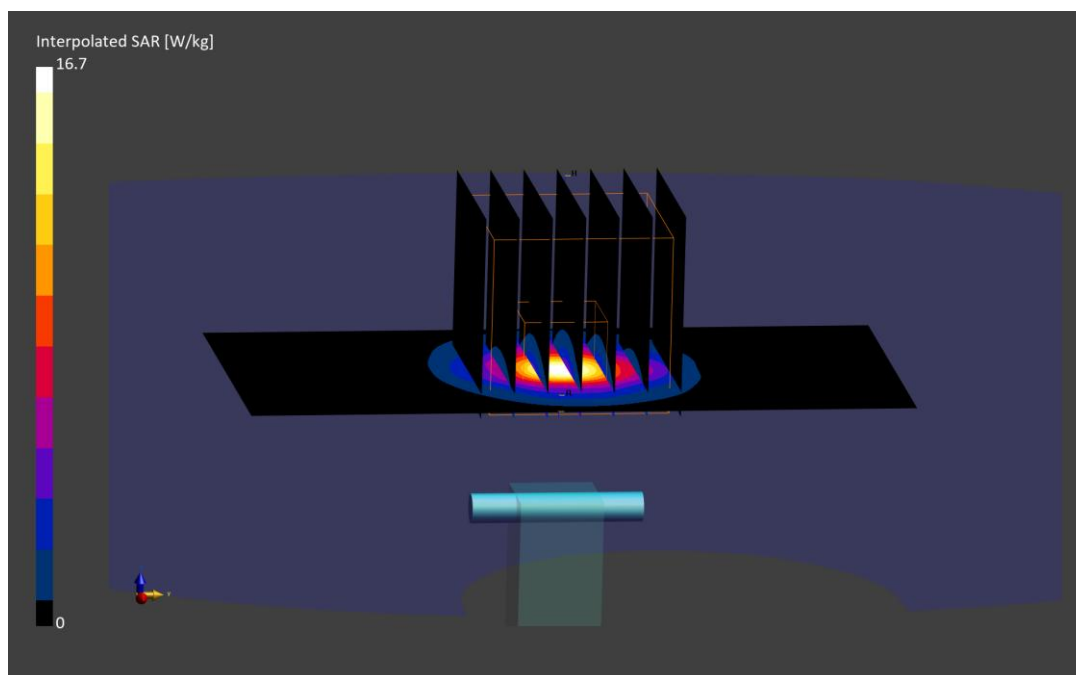
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (24.0 x 24.0 x 22.9): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 16.7 W/kg

SAR(1 g) = 3.84 W/kg; SAR(10 g) = 1.10 W/kg

Deviation (1 g) = -7.25%; Deviation (10 g) = -6.78%



ELEMENT

DUT: Dipole 5600.000 MHz; Type: D5GHzV2 - SN1057

Communication System: UID: 0, CW; Frequency: 5600.000 MHz
Medium: 5250-5800 Head; Medium parameters used:
f = 5600.000 MHz; cond = 5.00 S/m; perm = 35.6; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/09/2025; Ambient Temp: 20.3°C; Tissue Temp: 19.3°C

Probe: EX3DV4 - SN7661; ConvF:(5.13,5.46,5.46); Calibrated: 2025-06-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1558; Calibrated: 2025-06-05
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.4.0.5005

5600.0 MHz System Verification at 17.0 dBm (50 mW)

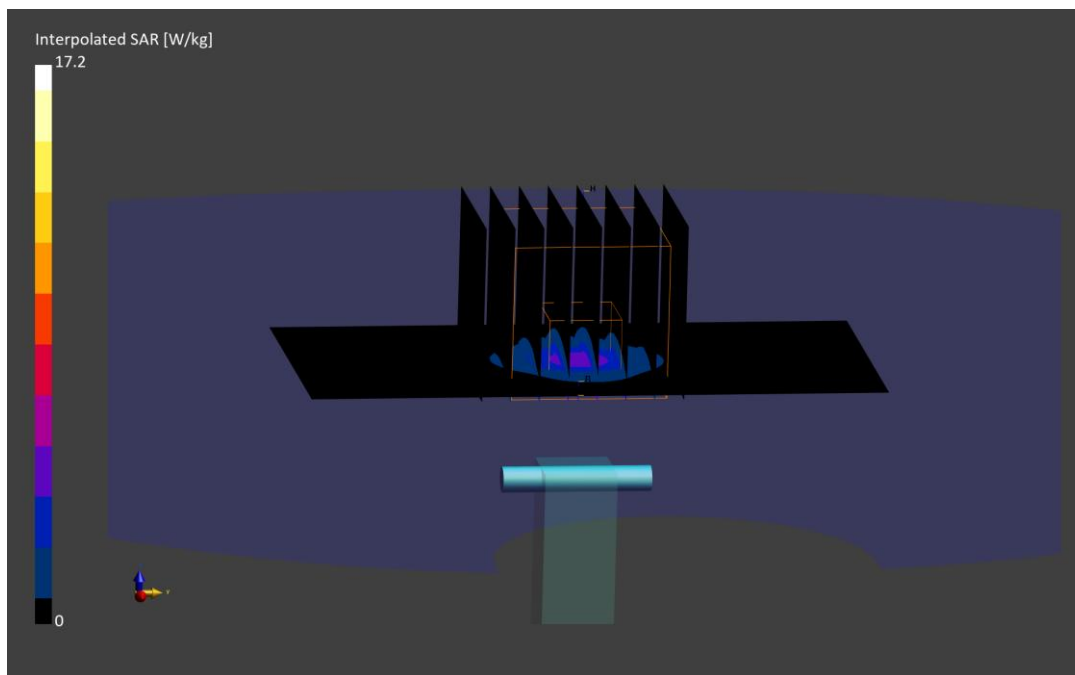
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (24.0 x 28.0 x 22.9): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 17.2 W/kg

SAR(1 g) = 3.92 W/kg; SAR(10 g) = 1.12 W/kg

Deviation (1 g) = -5.31%; Deviation (10 g) = -5.08%



ELEMENT

DUT: Dipole 5750.000 MHz; Type: D5GHzV2 - SN1057

Communication System: UID: 0, CW; Frequency: 5750.000 MHz
Medium: 5250-5800 Head; Medium parameters used:
f = 5750.000 MHz; cond = 5.28 S/m; perm = 34.3; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 11/29/2025; Ambient Temp: 21.3°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7661; ConvF:(5.27,5.61,5.61); Calibrated: 2025-06-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1558; Calibrated: 2025-06-05
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.4.0.5005

5750.0 MHz System Verification at 17.0 dBm (50 mW)

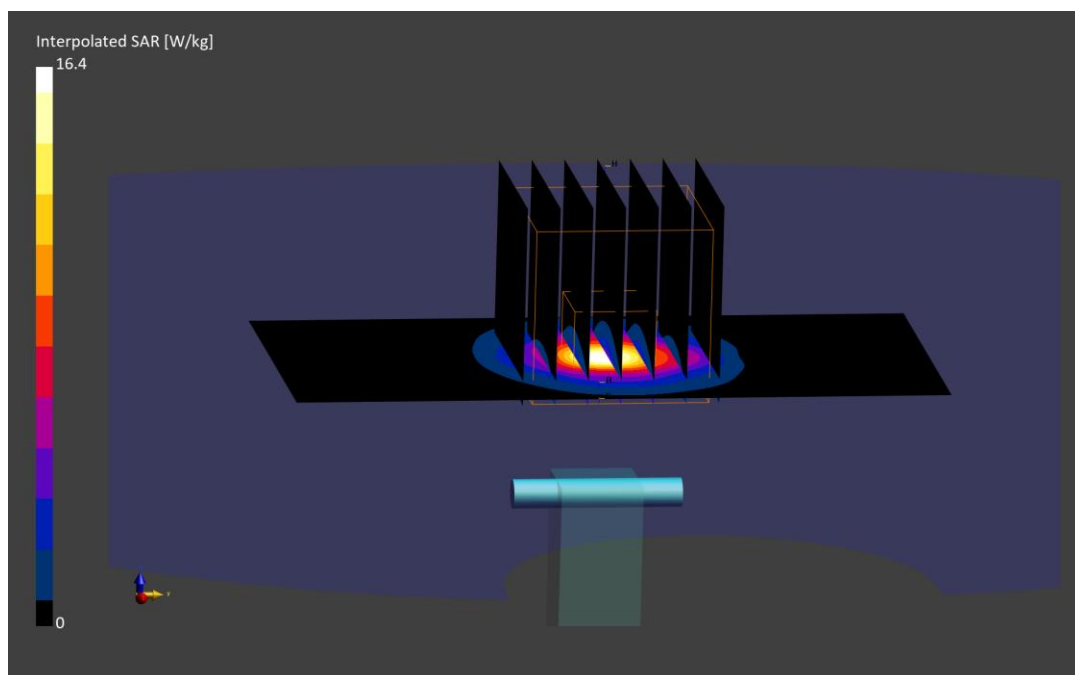
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (24.0 x 24.0 x 22.9): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 16.4 W/kg

SAR(1 g) = 3.60 W/kg; SAR(10 g) = 1.03 W/kg

Deviation (1 g) = -9.77%; Deviation (10 g) = -9.25%



ELEMENT

DUT: Dipole 5750.000 MHz; Type: D5GHzV2 - SN1057

Communication System: UID: 0, CW; Frequency: 5750.000 MHz
Medium: 5250-5800 Head; Medium parameters used:
 $f = 5750.000$ MHz; $\text{cond} = 5.15$ S/m; $\text{perm} = 34.8$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/04/2025; Ambient Temp: 21.5°C; Tissue Temp: 19.1°C

Probe: EX3DV4 - SN7661; ConvF:(5.27,5.61,5.61); Calibrated: 2025-06-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1558; Calibrated: 2025-06-05
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.4.0.5005

5750.0 MHz System Verification at 17.0 dBm (50 mW)

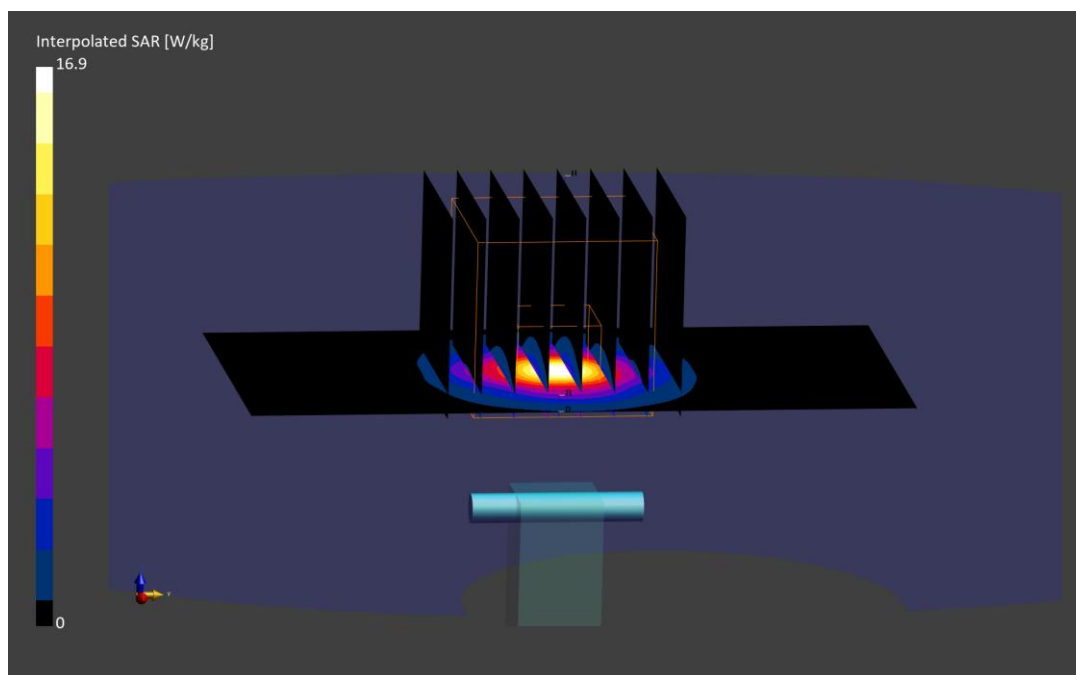
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (24.0 x 28.0 x 22.9): Measurement grid: $dx=4.0$ mm, $dy=4.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 16.9 W/kg

SAR(1 g) = 3.74 W/kg; SAR(10 g) = 1.07 W/kg

Deviation (1 g) = -6.27%; Deviation (10 g) = -5.73%



ELEMENT

DUT: Dipole 5750.000 MHz; Type: D5GHzV2 - SN1057

Communication System: UID: 0, CW; Frequency: 5750.000 MHz
Medium: 5250-5800 Head; Medium parameters used:
f = 5750.000 MHz; cond = 5.17 S/m; perm = 35.3; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/09/2025; Ambient Temp: 20.3°C; Tissue Temp: 19.3°C

Probe: EX3DV4 - SN7661; ConvF:(5.27,5.61,5.61); Calibrated: 2025-06-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1558; Calibrated: 2025-06-05
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.4.0.5005

5750.0 MHz System Verification at 17.0 dBm (50 mW)

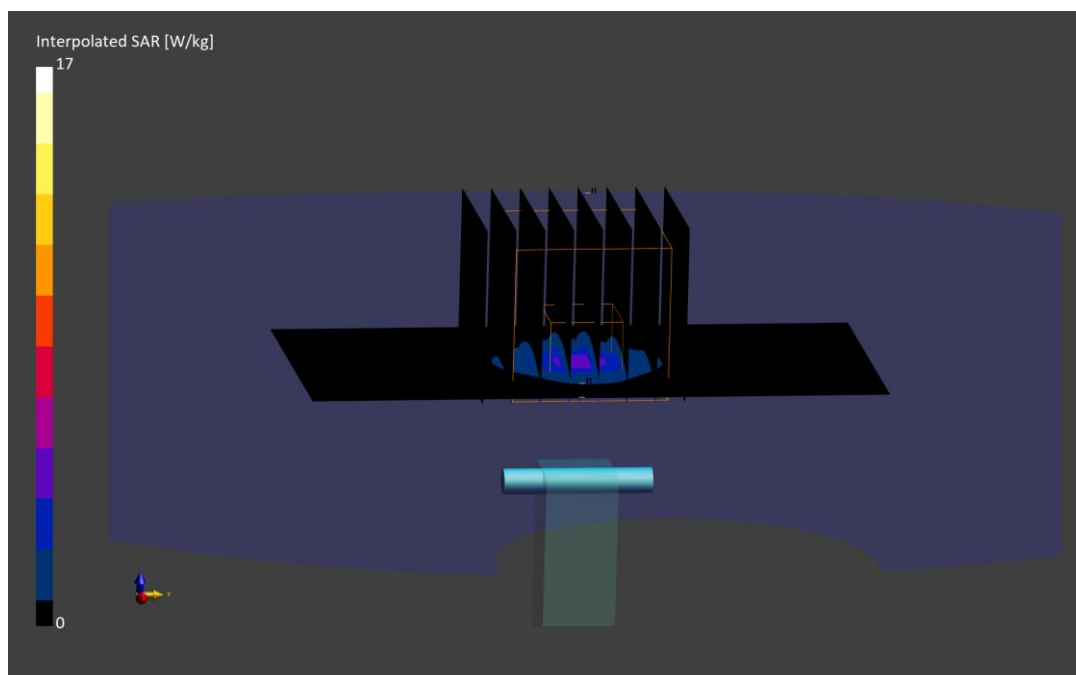
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (24.0 x 28.0 x 22.9): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 17.0 W/kg

SAR(1 g) = 3.74 W/kg; SAR(10 g) = 1.06 W/kg

Deviation (1 g) = -6.27%; Deviation (10 g) = -6.61%



ELEMENT

DUT: Dipole 5850.000 MHz; Type: D5GHzV2 - SN1057

Communication System: UID: 0, CW; Frequency: 5850.000 MHz
Medium: 5250-5800 Head; Medium parameters used:
f = 5850.000 MHz; cond = 5.38 S/m; perm = 34.1; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 11/29/2025; Ambient Temp: 21.3°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7661; ConvF:(5.07,5.39,5.38); Calibrated: 2025-06-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1558; Calibrated: 2025-06-05
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.4.0.5005

5850.0 MHz System Verification at 17.0 dBm (50 mW)

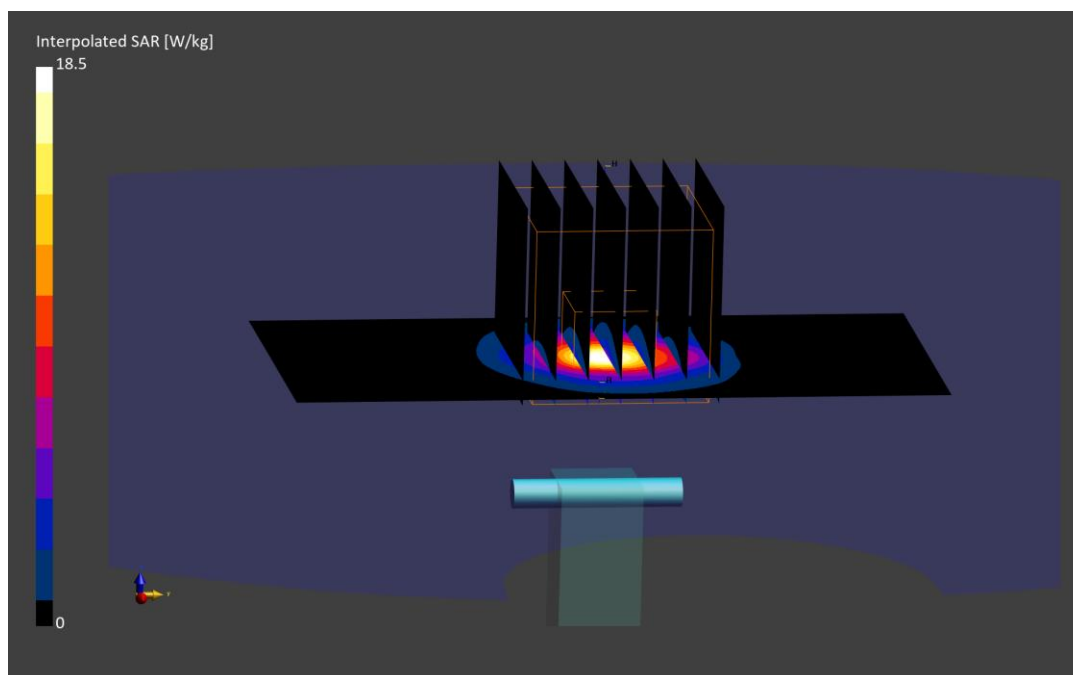
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (24.0 x 24.0 x 22.9): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 18.5 W/kg

SAR(1 g) = 3.97 W/kg; SAR(10 g) = 1.12 W/kg

Deviation (1 g) = -2.58%; Deviation (10 g) = -2.61%



ELEMENT

DUT: Dipole 5850.000 MHz; Type: D5GHzV2 - SN1057

Communication System: UID: 0, CW; Frequency: 5850.000 MHz
Medium: 5250-5800 Head; Medium parameters used:
f = 5850.000 MHz; cond = 5.26 S/m; perm = 34.7; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/04/2025; Ambient Temp: 21.5°C; Tissue Temp: 19.1°C

Probe: EX3DV4 - SN7661; ConvF:(5.07,5.39,5.38); Calibrated: 2025-06-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1558; Calibrated: 2025-06-05
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.4.0.5005

5850.0 MHz System Verification at 17.0 dBm (50 mW)

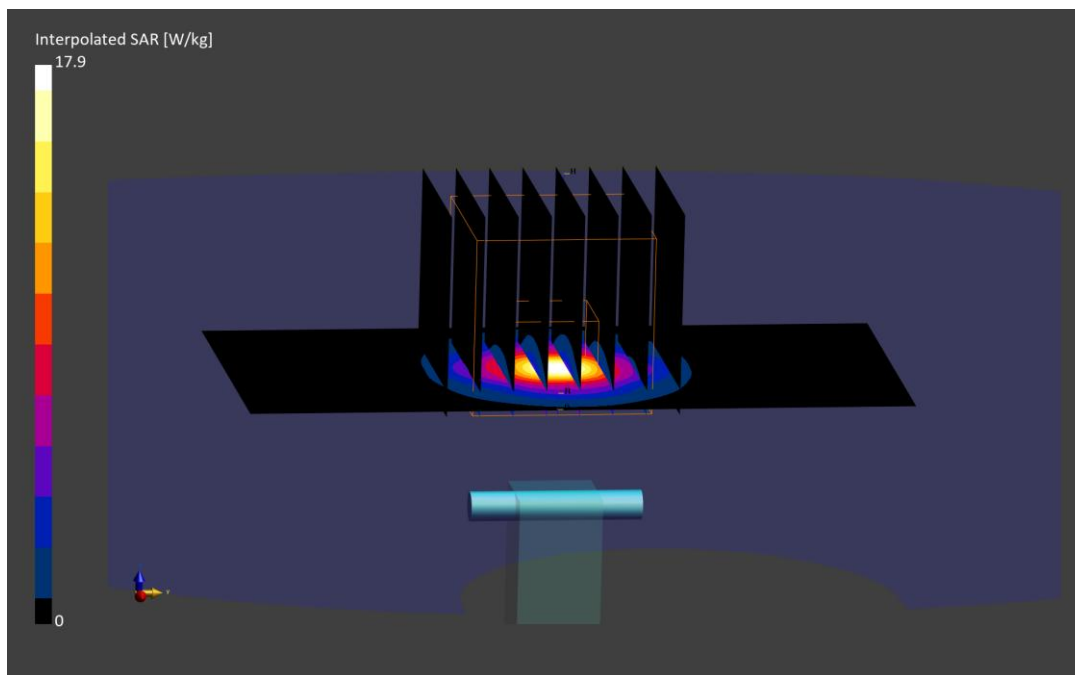
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (24.0 x 28.0 x 22.9): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 17.9 W/kg

SAR(1 g) = 3.85 W/kg; SAR(10 g) = 1.10 W/kg

Deviation (1 g) = -5.52%; Deviation (10 g) = -4.35%



ELEMENT

DUT: Dipole 5850.000 MHz; Type: D5GHzV2 - SN1057

Communication System: UID: 0, CW; Frequency: 5850.000 MHz
Medium: 5250-5800 Head; Medium parameters used:
f = 5850.000 MHz; cond = 5.29 S/m; perm = 35.2; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 12/09/2025; Ambient Temp: 20.3°C; Tissue Temp: 19.3°C

Probe: EX3DV4 - SN7661; ConvF:(5.07,5.39,5.38); Calibrated: 2025-06-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1558; Calibrated: 2025-06-05
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.4.0.5005

5850.0 MHz System Verification at 17.0 dBm (50 mW)

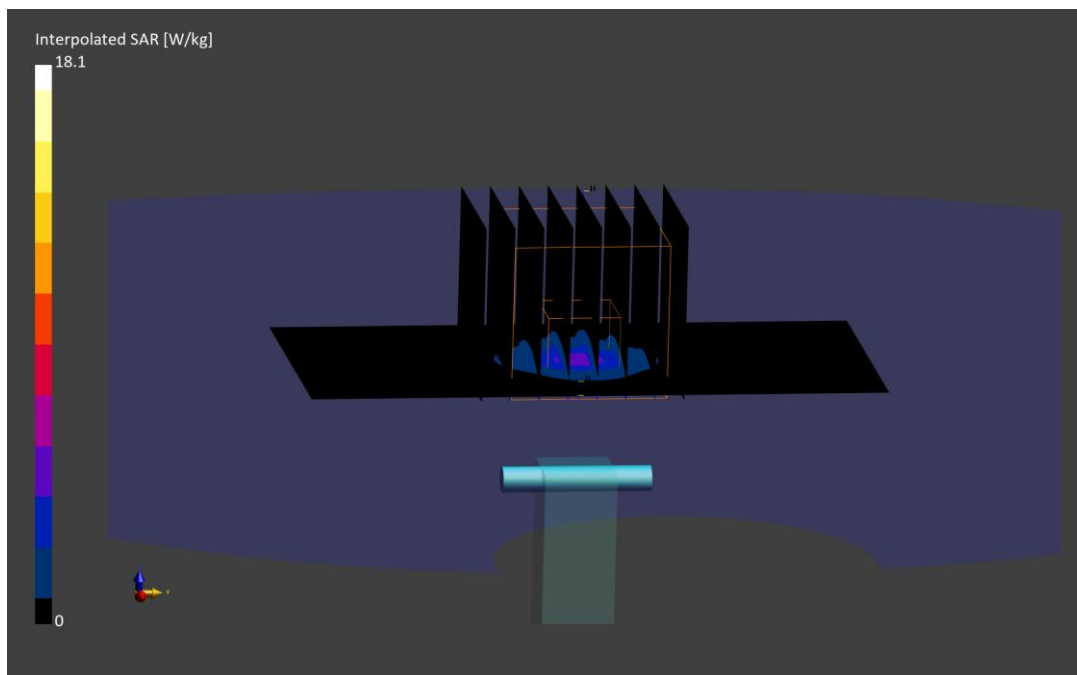
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (24.0 x 28.0 x 22.9): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 18.1 W/kg

SAR(1 g) = 3.89 W/kg; SAR(10 g) = 1.10 W/kg

Deviation (1 g) = -4.54%; Deviation (10 g) = -4.35%



ELEMENT

DUT: Dipole 6500.000 MHz; Type: D6.5GHzV2 - SN1111

Communication System: UID: 0, CW; Frequency: 6500.000 MHz
Medium: 6500 Head; Medium parameters used:
f = 6500.000 MHz; cond = 6.12 S/m; perm = 33.5; density = 1000 kg/m³
Phantom Section: Flat; Space: 5 mm

Test Date: 12/12/2025; Ambient Temp: 21.6°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7570; ConvF:(5.35,5.65,5.29); Calibrated: 2025-02-10
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4ip Sn1638; Calibrated: 2025-02-07
Phantom: Twin-SAM V8.0; Serial: 1979
Measurement SW: DASY Module SAR V16.4.0.5005

6500.0 MHz System Verification at 14.0 dBm (25 mW)

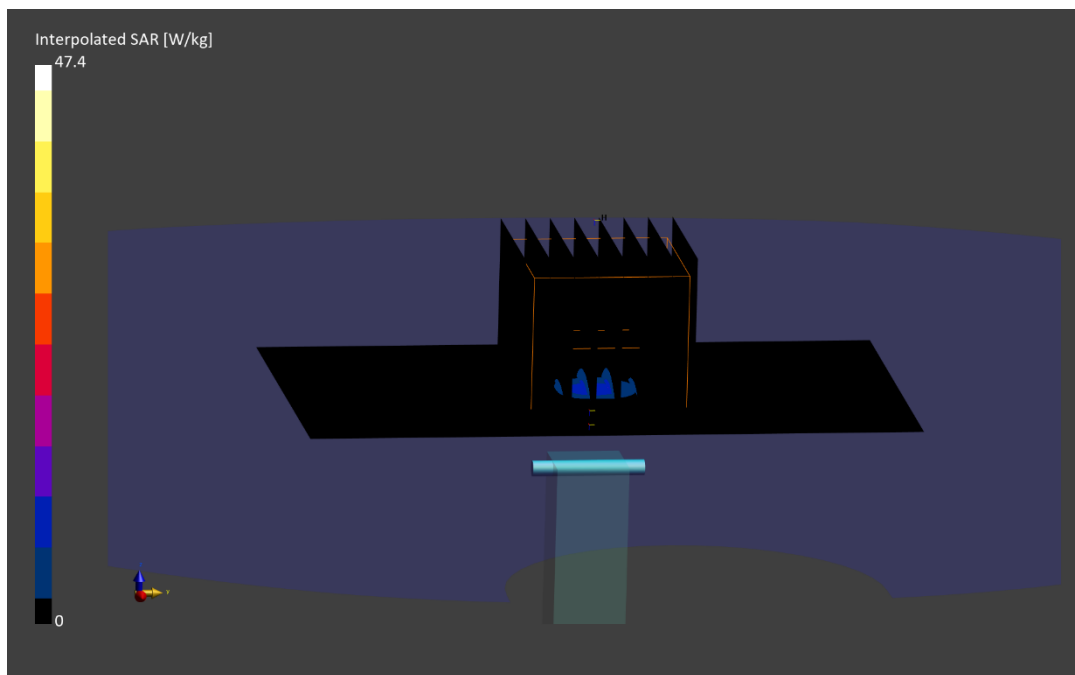
Area Scan (51.0 x 85.0): Measurement grid: dx=8.5 mm, dy=8.5 mm

Zoom Scan (23.8 x 23.8 x 22.9): Measurement grid: dx=3.4 mm, dy=3.4 mm, dz=1.4 mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 47.4 W/kg

SAR(1 g) = 7.31 W/kg; SAR(10 g) = 1.34 W/kg; ADP (4cm²) = 32.3 W/m²

Deviation (1 g) = -1.88%; Deviation (10 g) = -2.90%; Deviation (APD) = -4.30%



ELEMENT

DUT: Dipole 6500.000 MHz; Type: D6.5GHzV2 - SN1111

Communication System: UID: 0, CW; Frequency: 6500.000 MHz
Medium: 6500 Head; Medium parameters used:
f = 6500.000 MHz; cond = 6.09 S/m; perm = 33.6; density = 1000 kg/m³
Phantom Section: Flat; Space: 5 mm

Test Date: 12/22/2025; Ambient Temp: 19.0°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7570; ConvF:(5.35,5.65,5.29); Calibrated: 2025-02-10
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4ip Sn1638; Calibrated: 2025-02-07
Phantom: Twin-SAM V8.0; Serial: 1979
Measurement SW: DASY Module SAR V16.4.0.5005

6500.0 MHz System Verification at 14.0 dBm (25 mW)

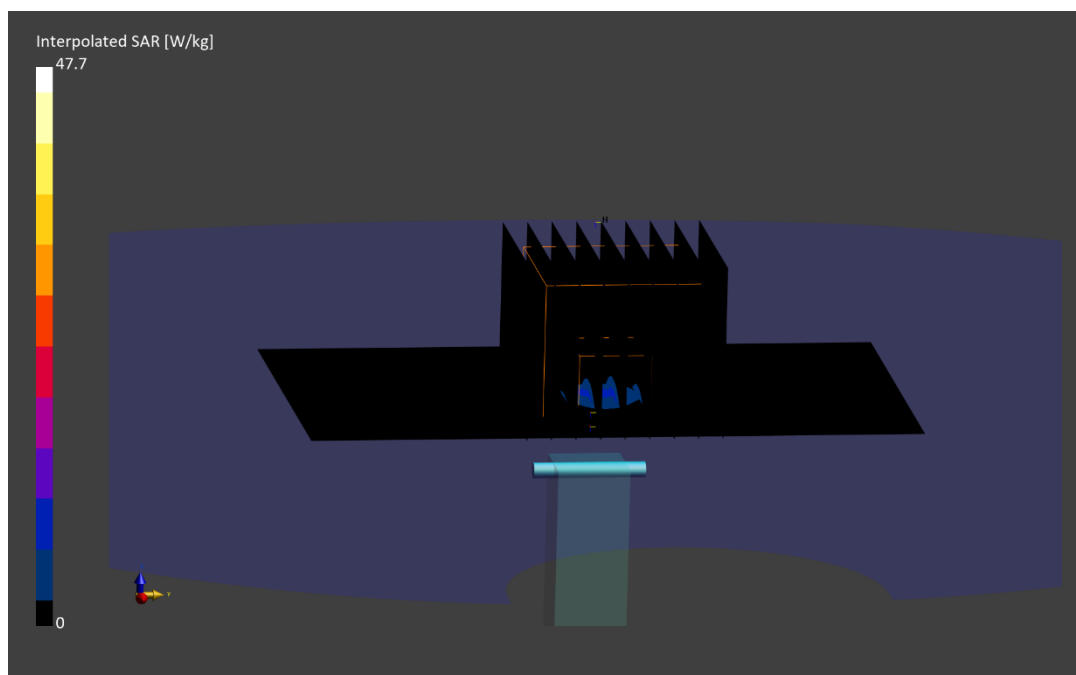
Area Scan (51.0 x 85.0): Measurement grid: dx=8.5 mm, dy=8.5 mm

Zoom Scan (27.2 x 27.2 x 22.9): Measurement grid: dx=3.4 mm, dy=3.4 mm, dz=1.4 mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 47.7 W/kg

SAR(1 g) = 7.41 W/kg; SAR(10 g) = 1.35 W/kg; APD (4cm²) = 32.7 W/m²

Deviation (1 g) = -0.54%; Deviation (10 g) = -2.17%; Deviation (APD) = -3.11%



Date: 2025-12-08

Measurement Group

Device Under Test Properties

DUT	Serial Number
10 GHz Verification Source	1002

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Band	Frequency [MHz]
5G	FRONT	10.00	Validation band	10000.0

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmmWV3 – SN9389, 2025-01-08	DAE4ip – SN1639, 2025-02-05

Software Setup

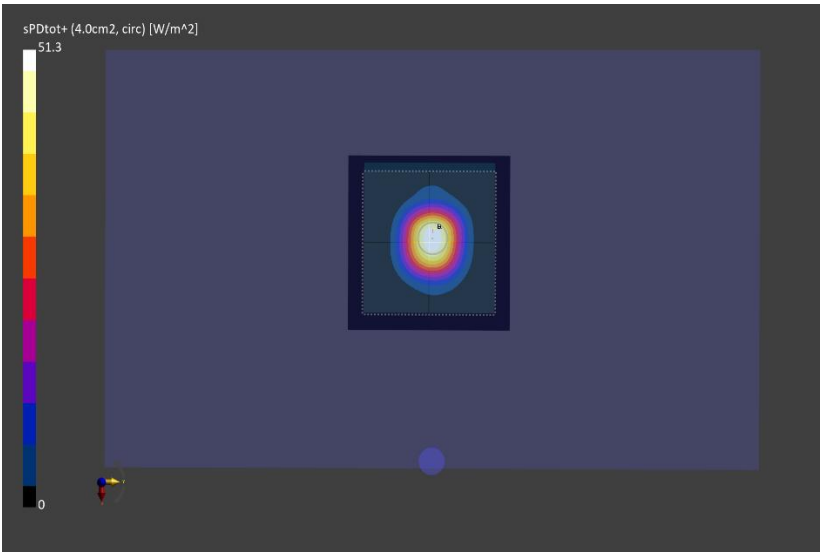
Software	Software Version
cDASY6 Module mmWave	3.2.0.1840

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.125 x 0.125
Sensor Surface [mm]	10.0

Measurement Results

Scan Type	5G Scan
Avg. Area [cm²]	4.00
pS _{tot} avg [W/m²]	51.3
pS _n avg [W/m²]	51.0
E _{peak} [V/m]	144
Deviation [dB] pS _{tot}	-0.22
Deviation [dB] pS _n	-0.23



APPENDIX D: SAR TISSUE SPECIFICATIONS

Measurement Procedure for Tissue verification:

- 1) The network analyzer and probe system was configured and calibrated.
- 2) The probe was immersed in the tissue. The tissue was placed in a nonmetallic container. Trapped air bubbles beneath the flange were minimized by placing the probe at a slight angle.
- 3) The complex admittance with respect to the probe aperture was measured
- 4) The complex relative permittivity ϵ' can be calculated from the below equation (Pournaropoulos and Misra):

$$Y = \frac{j2\omega\epsilon_r\epsilon_0}{[\ln(b/a)]^2} \int_a^b \int_a^b \int_0^\pi \cos\phi' \frac{\exp[-j\omega r(\mu_0\epsilon_r'\epsilon_0)^{1/2}]}{r} d\phi' d\rho' d\rho$$

where Y is the admittance of the probe in contact with the sample, the primed and unprimed coordinates refer to source and observation points, respectively, $r^2 = \rho^2 + \rho'^2 - 2\rho\rho'\cos\phi'$, ω is the angular frequency, and $j = \sqrt{-1}$.

3 Composition / Information on ingredients

3.2 Mixtures

Description: Aqueous solution with surfactants and inhibitors

Declarable, or hazardous components:

CAS: 107-21-1 EINECS: 203-473-3 Reg.nr.: 01-2119456816-28-0000	Ethanediol STOT RE 2, H373; Acute Tox. 4, H302	>1.0-4.9%
CAS: 68608-26-4 EINECS: 271-781-5 Reg.nr.: 01-2119527859-22-0000	Sodium petroleum sulfonate Eye Irrit. 2, H319	< 2.9%
CAS: 107-41-5 EINECS: 203-489-0 Reg.nr.: 01-2119539582-35-0000	Hexylene Glycol / 2-Methyl-pentane-2,4-diol Skin Irrit. 2, H315; Eye Irrit. 2, H319	< 2.9%
CAS: 68920-66-1 NLP: 500-236-9 Reg.nr.: 01-2119489407-26-0000	Alkoxyated alcohol, > C₁₆ Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Eye Irrit. 2, H319	< 2.0%

Additional information:

For the wording of the listed risk phrases refer to section 16.

Not mentioned CAS-, EINECS- or registration numbers are to be regarded as Proprietary/Confidential.

The specific chemical identity and/or exact percentage concentration of proprietary components is withheld as a trade secret.

Figure D-1

Note: Liquid recipes are proprietary SPEAG. Since the composition is approximate to the actual liquids utilized, the manufacturer tissue-equivalent liquid data sheets are provided below.

FCC ID A3LSMA576U	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX D: Page 1 of 3

Schmid & Partner Engineering AG

s p e a g

Zeughausstrasse 43, 8004 Zurich, Switzerland
Phone +41 44 245 9700, Fax +41 44 245 9779
www.speag.swiss, info@speag.swiss

Measurement Certificate / Material Test

Item Name **Head Tissue Simulating Liquid (HBL600-10000V6)**
Product No. SL AAH U16 BC (Batch: 240521-1)
Manufacturer **SPEAG**

Measurement Method

TSL dielectric parameters measured using calibrated DAK probe.

Target Parameters

Target parameters as defined in the IEEE 1528 and IEC 62209 compliance standards.

Test Condition

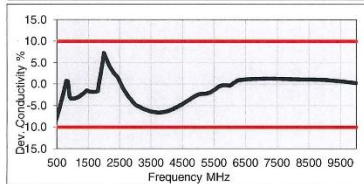
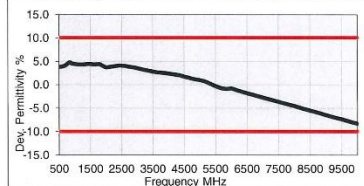
Ambient Condition 22°C ; 30% humidity
TSL Temperature 22°C
Test Date 22-May-24
Operator CL

Additional Information

TSL Density
TSL Heat-capacity

Results

f [MHz]	Measured			Target		Diff.to Target [%]	
	e'	e''	sigma	eps	sigma	Δ-eps	Δ-sigma
600	44.4	25.1	0.84	42.7	0.88	3.9	-4.7
750	43.8	21.2	0.89	41.9	0.89	4.4	-0.4
800	43.6	20.3	0.90	41.7	0.90	4.6	0.3
825	43.6	19.9	0.91	41.6	0.91	4.8	0.4
835	43.6	19.7	0.92	41.5	0.91	4.9	0.9
850	43.5	19.5	0.92	41.5	0.92	4.8	0.4
900	43.4	18.8	0.94	41.5	0.97	4.6	-3.1
1400	42.4	14.9	1.16	40.6	1.18	4.5	-1.6
1450	42.3	14.7	1.18	40.5	1.20	4.4	-1.7
1600	42.1	14.2	1.26	40.3	1.28	4.4	-1.9
1625	42.1	14.1	1.28	40.3	1.30	4.5	-1.4
1640	42.1	14.1	1.29	40.3	1.31	4.6	-1.2
1650	42.0	14.0	1.29	40.2	1.31	4.4	-1.8
1700	41.9	13.9	1.32	40.2	1.34	4.3	-1.6
1750	41.8	13.8	1.35	40.1	1.37	4.3	-1.5
1800	41.8	13.7	1.38	40.0	1.40	4.5	-1.4
1810	41.8	13.7	1.39	40.0	1.40	4.5	-0.7
1825	41.8	13.7	1.40	40.0	1.40	4.5	0.0
1850	41.7	13.7	1.41	40.0	1.40	4.3	0.7
1900	41.6	13.6	1.44	40.0	1.40	4.0	2.9
1950	41.5	13.5	1.47	40.0	1.40	3.8	5.0
2000	41.5	13.5	1.50	40.0	1.40	3.8	7.1
2050	41.4	13.5	1.54	39.9	1.44	3.7	6.6
2100	41.3	13.4	1.57	39.8	1.49	3.7	5.4
2150	41.3	13.4	1.60	39.7	1.53	3.9	4.3
2200	41.2	13.4	1.64	39.6	1.58	3.9	3.9
2250	41.1	13.4	1.68	39.6	1.62	3.9	3.6
2300	41.0	13.4	1.71	39.5	1.67	3.9	2.6
2350	41.0	13.4	1.75	39.4	1.71	4.1	2.3
2400	40.9	13.4	1.79	39.3	1.76	4.1	2.0
2450	40.8	13.4	1.83	39.2	1.80	4.1	1.7
2500	40.7	13.4	1.87	39.1	1.85	4.0	0.8
2550	40.7	13.4	1.91	39.1	1.91	4.2	0.0
2600	40.6	13.5	1.95	39.0	1.96	4.1	-0.7



3500	39.0	14.0	2.73	37.9	2.91	2.8	-6.4
3700	38.7	14.1	2.91	37.7	3.12	2.6	-6.6
5200	36.2	15.7	4.55	36.0	4.66	0.6	-2.2
5250	36.1	15.8	4.60	35.9	4.71	0.4	-2.2
5300	36.0	15.8	4.66	35.9	4.76	0.3	-2.1
5500	35.5	16.0	4.89	35.6	4.96	-0.3	-1.4
5600	35.3	16.1	5.02	35.5	5.07	-0.6	-0.9
5700	35.1	16.2	5.15	35.4	5.17	-0.8	-0.4
5800	35.0	16.3	5.26	35.3	5.27	-0.9	-0.3
6000	34.8	16.3	5.46	35.1	5.48	-0.8	-0.4
6500	33.8	17.0	6.14	34.5	6.07	-1.8	1.1
7000	33.0	17.3	6.73	33.9	6.65	-2.7	1.3
7500	32.1	17.6	7.33	33.3	7.24	-3.6	1.3
8000	31.2	17.8	7.93	32.7	7.84	-4.6	1.2
8500	30.4	18.1	8.54	32.1	8.45	-5.5	1.1
9000	29.5	18.3	9.17	31.5	9.08	-6.4	1.0
9500	28.7	18.5	9.78	31.0	9.71	-7.4	0.7
10000	27.9	18.7	10.38	30.4	10.36	-8.3	0.2

Figure D-2
600 – 10000 MHz Head Tissue Equivalent Matter

FCC ID A3LSMA576U	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX D: Page 2 of 3

Measurement Certificate / Material Test

Item Name	Head Tissue Simulating Liquid (HBL4-250V3)
Product No.	SL-AAH 005 AD (Batch: 250129-1)
Manufacturer	SPEAG

Measurement Method

TSL dielectric parameters measured using calibrated DAK probe.

Setup Validation

Validation results were within $\pm 2.5\%$ towards the target values of Methanol.

Target Parameters

Target parameters as defined in the IEEE 1528 and IEC 62209 compliance standards.

Test Condition

Ambient	Environment temperature ($22 \pm 3^\circ\text{C}$) and humidity $< 70\%$
TSL Temperature	22°C
Test Date	5-Feb-25
Operator	CL

Additional Information

TSL Density	1.042 g/cm ³
TSL Heat-capacity	3.574 kJ/(kg·K)

f [MHz]	Measured		Target		Diff. to Target [%]		
	ϵ'	ϵ''	ϵ'	ϵ''	$\Delta\epsilon'$	$\Delta\epsilon''$	
5	53.4	2692.47	0.72	55.5	0.75	-3.7	-4.0
10	53.3	1301.69	0.72	55.5	0.75	-3.9	-4.0
15	53.3	868.51	0.72	55.3	0.75	-3.7	-4.0
20	53.3	651.94	0.73	55.1	0.75	-3.3	-2.7
25	53.3	522.03	0.73	55.0	0.75	-3.1	-2.7
30	53.3	435.45	0.73	55.0	0.75	-3.1	-2.7
35	53.2	373.64	0.73	54.9	0.75	-3.1	-2.7
40	53.2	327.33	0.73	54.8	0.75	-2.9	-2.7
45	53.1	291.35	0.73	54.7	0.75	-2.9	-2.7
50	53.0	262.60	0.73	54.6	0.75	-2.8	-2.7
55	52.9	239.10	0.73	54.4	0.75	-2.8	-2.8
60	52.8	219.54	0.73	54.3	0.75	-2.8	-2.9
65	52.7	203.02	0.73	54.2	0.75	-2.8	-2.9
70	52.6	188.87	0.74	54.1	0.75	-2.8	-1.6
75	52.5	176.62	0.74	54.0	0.75	-2.8	-1.7
80	52.4	165.91	0.74	53.9	0.75	-2.7	-1.7
85	52.3	156.47	0.74	53.8	0.75	-2.7	-1.8
90	52.2	148.09	0.74	53.7	0.75	-2.7	-1.9
95	52.1	140.60	0.74	53.5	0.75	-2.7	-1.9
100	52.0	133.87	0.74	53.4	0.75	-2.7	-2.0
105	51.9	127.78	0.75	53.3	0.76	-2.6	-0.7
110	51.8	122.26	0.75	53.2	0.76	-2.6	-0.7
115	51.7	117.22	0.75	53.1	0.76	-2.6	-0.8
120	51.6	112.61	0.75	53.0	0.76	-2.6	-0.9
125	51.5	108.37	0.75	52.9	0.76	-2.6	-0.9
130	51.4	104.46	0.76	52.8	0.76	-2.6	0.4
135	51.3	100.85	0.76	52.6	0.76	-2.5	0.3
140	51.2	97.49	0.76	52.5	0.76	-2.5	0.2
145	51.1	94.37	0.76	52.4	0.76	-2.5	0.2
150	51.0	91.46	0.76	52.3	0.76	-2.5	0.1
155	50.9	88.74	0.77	52.1	0.76	-2.2	1.0
160	50.8	86.20	0.77	51.8	0.77	-2.0	0.5
165	50.7	83.81	0.77	51.6	0.77	-1.7	0.0
170	50.6	81.56	0.77	51.4	0.77	-1.5	-0.5
175	50.5	79.45	0.77	51.1	0.78	-1.2	-0.9
180	50.4	77.45	0.78	50.9	0.78	-1.0	-0.1
185	50.3	75.56	0.78	50.7	0.78	-0.7	-0.6
190	50.3	73.78	0.78	50.4	0.79	-0.3	-1.0
195	50.2	72.09	0.78	50.2	0.79	0.0	-1.5
200	50.1	70.48	0.78	50.0	0.80	0.3	-2.0
205	50.0	68.96	0.79	49.7	0.80	0.5	-1.2
210	49.9	67.51	0.79	49.5	0.80	0.8	-1.6
215	49.8	66.13	0.79	49.3	0.81	1.1	-2.1
220	49.8	64.81	0.79	49.0	0.81	1.6	-2.5
225	49.7	63.56	0.80	48.8	0.81	1.8	-1.7
230	49.6	62.35	0.80	48.6	0.82	2.1	-2.1
235	49.5	61.21	0.80	48.3	0.82	2.4	-2.6
240	49.4	60.10	0.80	48.1	0.82	2.7	-3.0
245	49.4	59.05	0.80	47.9	0.83	3.2	-3.4
250	49.3	58.04	0.81	47.6	0.83	3.5	-2.7

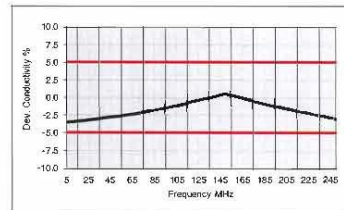
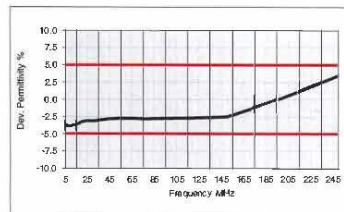


Figure D-3
5– 250 MHz Head Tissue Equivalent Matter

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APPENDIX E: MULTI-TX AND ANTENNA SAR CONSIDERATIONS

E.1 Introduction

The following procedures adopted from FCC KDB Publication 447498 D04v01 are applicable to devices with built-in unlicensed transmitters such as 802.11 and Bluetooth devices which may simultaneously transmit with the licensed transmitter.

E.2 Simultaneous Transmission Procedures

This device contains transmitters that may operate simultaneously. Therefore, simultaneous transmission analysis is required. Per FCC KDB Publication 447498 D01v06 and IEEE 1528-2013 Section 6.3.4.1.2, simultaneous transmission SAR test exclusion may be applied when the sum of the 1g SAR for all the simultaneous transmitting antennas in a specific physical test configuration is ≤ 1.6 W/kg. The different test positions in an exposure condition may be considered collectively to determine SAR test exclusion according to the sum of 1g or 10g SAR.

Per FCC KDB Publication 941225 D06v02r01, the devices edges with antennas more than 2.5 cm from edge are not required to be evaluated for SAR (“-”).

Per FCC KDB Publication 648474 D04 Handset SAR, Phablet SAR tests were not required if wireless router 1g SAR (scaled to the maximum output power, including tolerance) < 1.2 W/kg. Therefore no further analysis beyond the tables included in this section was required to determine that possible simultaneous transmission scenarios would not exceed the SAR limit.

This device is enabled with Samsung S.LSI TAS (Time Average SAR) algorithms, specifically F-TAS for cellular bands and DC-TAS for unlicensed bands (WLAN/BT over Cellular). The device is configured with pre-defined antenna groups where AG0 represents the Cellular antennas, and AG1 represents the worst-case SAR from Cellular/WLAN/BT. Per the R-Matrix defining the relationship between antenna groups, the analysis demonstrates that the 1g SAR for both AG0 and AG1 independently remains ≤ 1.6 W/kg. Although AG0 and AG1 are decoupled, the sum of AG0 + AG1 was evaluated to further demonstrate this decoupling. While FCC compliance is determined by the 1.6 W/kg limit ($TER \leq 1.0$), this report conservatively applies SPLSR analysis for scenarios where the summed SAR exceeds the design target of 1.0 W/kg ($ER > 0.625$). Analysis demonstrates:

1. The mutually exclusive operation of AG1 and AG0 via SAR summation ($SAR \leq 1.6$ W/kg, $TER \leq 1.0$) or SPLSR evaluation.
2. The compliance between AG1 and NFC, and between AG0 and NFC.

When operating in the same antenna group, Samsung S.LSI TAS algorithm in WWAN directly adds the time-averaged RF exposure from 4G and time-averaged RF exposure from 5G NR. S.LSI algorithm controls the total RF exposure from both 4G and 5G NR to not exceed FCC limit. Therefore, simultaneous transmission compliance between 4G+5G operations within an antenna group is demonstrated in the Part 2 Report during algorithm validation.

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E.3 Exposure Ratios

Exposure ratio (ER) for different transmitters is calculated as following:

$$ER_{SAR,n} = \frac{SAR_n}{SAR_{limit}}$$

$$ER_{PD,n} = \frac{PD_n}{PD_{limit}}$$

Where:

- SAR_n is the SAR value for the n -th transmitter/test frequency
- SAR_{limit} is the basic restriction limit that is applicable to the n -th transmitter/test frequency
-

Compliance with the SAR-PD-UWB based RF exposure limits is achieved if $TER_{SAR-PD-UWB} \leq 1$. When $TER_{SAR-PD-UWB} > 1$, SPLSR is additionally evaluated per below equation:

$$SPLSR = \frac{(ER_j + ER_k)^{1.5}}{R}$$

Where:

- ER_j and ER_k are exposure ratio of transmitter j and k
- R is the distance between transmitter j and k

When SPLSR is ≤ 0.02 for 1g exposure conditions or SPLSR is ≤ 0.013 for 10g exposure conditions simultaneous SAR evaluation is not required.

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E.4 Head (RSI = 1) SAR Antenna Group Analysis

Table E-1
RSI=1 Held-to-ear AG0 Highest Ratio to Limit

AG0 Ratio to Limit						
	Configuration	A	B	C	D	Max
Head	Right Cheek	0.186	0.076	0.011	0.000	0.186
	Right Tilt	0.088	0.078	0.034	0.000	0.088
	Left Cheek	0.288	0.148	0.046	0.002	0.288
	Left Tilt	0.131	0.094	0.012	0.000	0.131

Table E-2
RSI=1 Held-to-ear AG1 Highest Ratio to Limit

AG1 Ratio to Limit								
	Configuration	E	F	G	H	I	MIMO	Max
Head	Right Cheek	0.449	0.513	0.441	0.388	0.399	0.465	0.513
	Right Tilt	0.447	0.533	0.193	0.245	0.027	0.191	0.533
	Left Cheek	0.461	0.349	0.089	0.099	0.206	0.211	0.461
	Left Tilt	0.403	0.476	0.091	0.082	0.016	0.174	0.476

Table E-3
RSI=1 Held-to-ear AG Verification

Head	Configuration	AG0 Ratio to Limit	AG1 Ratio to Limit	AG0 + AG1 Ratio to Limit
	Right Cheek	0.186	0.513	See table below
	Right Tilt	0.088	0.533	0.621
	Left Cheek	0.288	0.461	See table below
	Left Tilt	0.131	0.476	0.607

Right Cheek						
AG0 Band/Antenna	AG1 Band/Antenna	AG0 ER	AG1 ER	Standalone Sum ER	Distance (mm)	SPLSR
AG0: Ant A_LTE Band 12	AG1: Ant E_LTE Band 26	0.186	0.449	0.635	77.98	0.01
AG0: Ant A_LTE Band 12	AG1: Ant F_LTE Band 41	0.186	0.513	0.699	80.38	0.01
AG0: Ant A_LTE Band 12	AG1: Ant F_LTE Band 48	0.186	0.481	0.667	76.23	0.01
AG0: Ant A_LTE Band 12	AG1: Ant F_LTE Band 66	0.186	0.445	0.631	72.99	0.01
AG0: Ant A_LTE Band 12	AG1: Ant F_LTE Band 7	0.186	0.488	0.674	80.44	0.01
AG0: Ant A_LTE Band 12	AG1: Ant F_NR Band n30	0.186	0.471	0.657	82.14	0.01
AG0: Ant A_LTE Band 12	AG1: Ant F_NR Band n48	0.186	0.483	0.669	78.32	0.01
AG0: Ant A_LTE Band 12	AG1: Ant G_5 GHz WIFI	0.186	0.441	0.627	70.58	0.01
AG0: Ant A_LTE Band 12	AG1: Ant MIMO_6 GHz WIFI	0.186	0.465	0.651	69.3	0.01
AG0: Ant A_LTE Band 13	AG1: Ant F_LTE Band 41	0.122	0.513	0.635	81.57	0.01
AG0: Ant A_LTE Band 26	AG1: Ant F_LTE Band 41	0.127	0.513	0.64	83.61	0.01
AG0: Ant A_LTE Band 71	AG1: Ant F_LTE Band 41	0.119	0.513	0.632	82.99	0.01
AG0: Ant A_NR Band n5	AG1: Ant F_LTE Band 41	0.156	0.513	0.669	82.22	0.01
AG0: Ant A_NR Band n5	AG1: Ant F_LTE Band 48	0.156	0.481	0.637	78.12	0.01
AG0: Ant A_NR Band n5	AG1: Ant F_LTE Band 7	0.156	0.488	0.644	82.27	0.01
AG0: Ant A_NR Band n5	AG1: Ant F_NR Band n30	0.156	0.471	0.627	84.01	0.01
AG0: Ant A_NR Band n5	AG1: Ant F_NR Band n48	0.156	0.483	0.639	80.18	0.01
AG0: Ant A_NR Band n71	AG1: Ant F_LTE Band 41	0.133	0.513	0.646	81.1	0.01
AG0: Ant A_GSM 850	AG1: Ant F_LTE Band 41	0.111	0.513	0.624	74.6	N/A

Note: The light gray highlighted row shows the worst case sum of all AG combinations under 1W/kg. Since the sum of these combinations is less than or equal to 1 W/kg (SAR design target for this EUT), therefore no further analysis is needed.

Left Cheek						
AG0 Band/Antenna	AG1 Band/Antenna	AG0 ER	AG1 ER	Standalone Sum ER	Distance (mm)	SPLSR
AG0: Ant A_NR Band n66	AG1: Ant E_GSM 850	0.186	0.46	0.646	91.38	0.01
AG0: Ant A_NR Band n66	AG1: Ant E_NR Band n71	0.186	0.461	0.647	86.89	0.01
AG0: Ant A_NR Band n70	AG1: Ant E_GSM 850	0.288	0.46	0.748	94.23	0.01
AG0: Ant A_NR Band n70	AG1: Ant E_LTE Band 12	0.288	0.403	0.691	92.55	0.01
AG0: Ant A_NR Band n70	AG1: Ant E_LTE Band 14	0.288	0.403	0.691	93.21	0.01
AG0: Ant A_NR Band n70	AG1: Ant E_LTE Band 26	0.288	0.407	0.695	95.01	0.01
AG0: Ant A_NR Band n70	AG1: Ant E_LTE Band 71	0.288	0.378	0.666	92.41	0.01
AG0: Ant A_NR Band n70	AG1: Ant E_NR Band n5	0.288	0.4	0.688	91.69	0.01
AG0: Ant A_NR Band n70	AG1: Ant E_NR Band n71	0.288	0.461	0.749	89.82	0.01
AG0: Ant A_NR Band n70	AG1: Ant E_UMTS 850	0.288	0.386	0.674	95.39	0.01
AG0: Ant A_NR Band n70	AG1: Ant F_NR Band n30	0.288	0.349	0.637	83.28	0.01
AG0: Ant A_UMTS 1750	AG1: Ant E_NR Band n71	0.16	0.461	0.621	81.71	N/A

Note: The light gray highlighted row shows the worst case sum of all AG combinations under 1W/kg. Since the sum of these combinations is less than or equal to 1 W/kg (SAR design target for this EUT), therefore no further analysis is needed.

Notes:

1. For Right Tilt and Left Tilt, since the worst case sum of all AG combinations are under 1 W/kg (0.625 Ratio to Limit), the AGs are considered fully uncoupled and no further analysis is needed
2. No evaluation was performed to determine the aggregate 1g SAR for these configurations as the SPLSR ratio between the antenna pairs was not greater than 0.02 per FCC KDB 447498 D04v01.
Please see the Highest Report SAR and Hotspot Location Section for peak locations

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E.5 Body-worn (RSI = 0) SAR Antenna Group Analysis

Table E-4
RSI=0 Body-worn AG0 Highest Ratio to Limit

AG0 Ratio to Limit						
	Configuration	A	B	C	D	Max
Body-worn	Back	0.748	0.591	0.340	0.573	0.748
	Front	0.624	0.366	0.247	0.036	0.624

Table E-5
RSI=0 Body-worn AG1 Highest Ratio to Limit

AG1 Ratio to Limit								
	Configuration	E	F	G	H	I	MIMO	Max
Body-worn	Back	0.575	0.438	0.403	0.273	0.214	0.329	0.575
	Front	0.369	0.241	0.346	0.171	0.203	0.251	0.369

Table E-6
RSI=0 Body-worn AG Verification

Bodyworn	Configuration	AG0 Ratio to Limit	AG1 Ratio to Limit	AG0 + AG1 Ratio to Limit
	Back	0.748	0.575	See table below
	Front	0.624	0.369	See table below

Back						
AG0 Band/Antenna	AG1 Band/Antenna	AG0 ER	AG1 ER	Standalone Sum ER	Distance (mm)	SPLSR
AG0: Ant A_GSM 1900	AG1: Ant E_GSM 850	0.61	0.575	1.185	170	0.01
AG0: Ant A_GSM 1900	AG1: Ant E_LTE Band 12	0.61	0.281	0.891	168.62	0
AG0: Ant A_GSM 1900	AG1: Ant E_LTE Band 13	0.61	0.273	0.883	169.08	0
AG0: Ant A_GSM 1900	AG1: Ant E_LTE Band 14	0.61	0.369	0.979	168.91	0.01
AG0: Ant A_GSM 1900	AG1: Ant E_LTE Band 26	0.61	0.428	1.038	168.62	0.01
AG0: Ant A_GSM 1900	AG1: Ant E_LTE Band 71	0.61	0.343	0.953	166.43	0.01
AG0: Ant A_GSM 1900	AG1: Ant E_NR Band n5	0.61	0.359	0.969	166.51	0.01
AG0: Ant A_GSM 1900	AG1: Ant E_NR Band n71	0.61	0.348	0.958	166.05	0.01
AG0: Ant A_GSM 1900	AG1: Ant E_UMTS 850	0.61	0.409	1.019	170.17	0.01
AG0: Ant A_GSM 1900	AG1: Ant F_LTE Band 25	0.61	0.276	0.886	165.19	0.01
AG0: Ant A_GSM 1900	AG1: Ant F_LTE Band 30	0.61	0.191	0.801	165.88	0
AG0: Ant A_GSM 1900	AG1: Ant F_LTE Band 41	0.61	0.326	0.936	162	0.01
AG0: Ant A_GSM 1900	AG1: Ant F_LTE Band 48	0.61	0.354	0.964	165.65	0.01
AG0: Ant A_GSM 1900	AG1: Ant F_LTE Band 66	0.61	0.26	0.87	161.45	0.01
AG0: Ant A_GSM 1900	AG1: Ant F_LTE Band 7	0.61	0.322	0.932	165.55	0.01
AG0: Ant A_GSM 1900	AG1: Ant F_NR Band n25	0.61	0.278	0.888	163.48	0.01
AG0: Ant A_GSM 1900	AG1: Ant F_NR Band n30	0.61	0.293	0.903	168.95	0.01
AG0: Ant A_GSM 1900	AG1: Ant F_NR Band n48	0.61	0.438	1.048	164.39	0.01
AG0: Ant A_GSM 1900	AG1: Ant F_NR Band n66	0.61	0.272	0.882	165.83	0
AG0: Ant A_GSM 1900	AG1: Ant F_NR Band n70	0.61	0.196	0.806	166.92	0
AG0: Ant A_GSM 1900	AG1: Ant F_NR Band n77	0.61	0.203	0.813	167.61	0
AG0: Ant A_GSM 1900	AG1: Ant G_5 GHz WIFI	0.61	0.403	1.013	155.51	0.01
AG0: Ant A_GSM 1900	AG1: Ant G_6 GHz WIFI	0.61	0.105	0.715	162.91	0
AG0: Ant A_GSM 1900	AG1: Ant H_2.4 GHz Bluetooth	0.61	0.273	0.883	147.36	0.01
AG0: Ant A_GSM 1900	AG1: Ant H_2.4 GHz WIFI	0.61	0.253	0.863	151.22	0.01
AG0: Ant A_GSM 1900	AG1: Ant I_NR Band n48	0.61	0.214	0.824	123.11	0.01
AG0: Ant A_GSM 1900	AG1: Ant I_NR Band n77	0.61	0.089	0.699	121.81	0
AG0: Ant A_GSM 1900	AG1: Ant MIMO_2.4 GHz WIFI	0.61	0.273	0.883	159.45	0.01
AG0: Ant A_GSM 1900	AG1: Ant MIMO_5 GHz WIFI	0.61	0.329	0.939	161.68	0.01
AG0: Ant A_GSM 1900	AG1: Ant MIMO_6 GHz WIFI	0.61	0.084	0.694	165.7	0
AG0: Ant A_GSM 850	AG1: Ant E_GSM 850	0.575	0.575	1.15	163.05	0.01
AG0: Ant A_GSM 850	AG1: Ant E_LTE Band 12	0.575	0.281	0.856	161.9	0
AG0: Ant A_GSM 850	AG1: Ant E_LTE Band 13	0.575	0.273	0.848	162.7	0
AG0: Ant A_GSM 850	AG1: Ant E_LTE Band 14	0.575	0.369	0.944	161.99	0.01
AG0: Ant A_GSM 850	AG1: Ant E_LTE Band 26	0.575	0.428	1.003	161.9	0.01
AG0: Ant A_GSM 850	AG1: Ant E_LTE Band 71	0.575	0.343	0.918	159.8	0.01
AG0: Ant A_GSM 850	AG1: Ant E_NR Band n5	0.575	0.359	0.934	159.15	0.01
AG0: Ant A_GSM 850	AG1: Ant E_NR Band n71	0.575	0.348	0.923	158.36	0.01
AG0: Ant A_GSM 850	AG1: Ant E_UMTS 850	0.575	0.409	0.984	163.76	0.01
AG0: Ant A_GSM 850	AG1: Ant F_LTE Band 25	0.575	0.276	0.851	154.51	0.01
AG0: Ant A_GSM 850	AG1: Ant F_LTE Band 30	0.575	0.191	0.766	154.16	0
AG0: Ant A_GSM 850	AG1: Ant F_LTE Band 41	0.575	0.326	0.901	150.95	0.01
AG0: Ant A_GSM 850	AG1: Ant F_LTE Band 48	0.575	0.354	0.929	154.65	0.01
AG0: Ant A_GSM 850	AG1: Ant F_LTE Band 66	0.575	0.26	0.835	150.71	0.01
AG0: Ant A_GSM 850	AG1: Ant F_LTE Band 7	0.575	0.322	0.897	154	0.01
AG0: Ant A_GSM 850	AG1: Ant F_NR Band n25	0.575	0.278	0.853	152.05	0.01
AG0: Ant A_GSM 850	AG1: Ant F_NR Band n30	0.575	0.293	0.868	158.7	0.01
AG0: Ant A_GSM 850	AG1: Ant F_NR Band n48	0.575	0.438	1.013	153.62	0.01
AG0: Ant A_GSM 850	AG1: Ant F_NR Band n66	0.575	0.272	0.847	154.68	0.01
AG0: Ant A_GSM 850	AG1: Ant F_NR Band n70	0.575	0.196	0.771	155.7	0
AG0: Ant A_GSM 850	AG1: Ant F_NR Band n77	0.575	0.203	0.778	156.48	0
AG0: Ant A_GSM 850	AG1: Ant G_5 GHz WIFI	0.575	0.403	0.978	141.47	0.01
AG0: Ant A_GSM 850	AG1: Ant G_6 GHz WIFI	0.575	0.105	0.68	150.1	0
AG0: Ant A_GSM 850	AG1: Ant H_2.4 GHz Bluetooth	0.575	0.273	0.848	133.06	0.01
AG0: Ant A_GSM 850	AG1: Ant H_2.4 GHz WIFI	0.575	0.253	0.828	138.14	0.01
AG0: Ant A_GSM 850	AG1: Ant I_NR Band n48	0.575	0.214	0.789	109.12	0.01
AG0: Ant A_GSM 850	AG1: Ant I_NR Band n77	0.575	0.089	0.664	107.92	0.01
AG0: Ant A_GSM 850	AG1: Ant MIMO_2.4 GHz WIFI	0.575	0.273	0.848	147.38	0.01
AG0: Ant A_GSM 850	AG1: Ant MIMO_5 GHz WIFI	0.575	0.329	0.904	147.95	0.01
AG0: Ant A_GSM 850	AG1: Ant MIMO_6 GHz WIFI	0.575	0.084	0.659	160.08	0
AG0: Ant A_LTE Band 12	AG1: Ant E_GSM 850	0.478	0.575	1.053	164.83	0.01
AG0: Ant A_LTE Band 12	AG1: Ant E_LTE Band 12	0.478	0.281	0.759	163.68	0
AG0: Ant A_LTE Band 12	AG1: Ant E_LTE Band 13	0.478	0.273	0.751	164.47	0
AG0: Ant A_LTE Band 12	AG1: Ant E_LTE Band 14	0.478	0.369	0.847	163.77	0
AG0: Ant A_LTE Band 12	AG1: Ant E_LTE Band 26	0.478	0.428	0.906	163.68	0.01
AG0: Ant A_LTE Band 12	AG1: Ant E_LTE Band 71	0.478	0.343	0.821	161.57	0
AG0: Ant A_LTE Band 12	AG1: Ant E_NR Band n5	0.478	0.359	0.837	160.93	0
AG0: Ant A_LTE Band 12	AG1: Ant E_NR Band n71	0.478	0.348	0.826	160.14	0
AG0: Ant A_LTE Band 12	AG1: Ant E_UMTS 850	0.478	0.409	0.887	165.54	0.01
AG0: Ant A_LTE Band 12	AG1: Ant F_LTE Band 25	0.478	0.276	0.754	156.31	0
AG0: Ant A_LTE Band 12	AG1: Ant F_LTE Band 30	0.478	0.191	0.669	155.96	0
AG0: Ant A_LTE Band 12	AG1: Ant F_LTE Band 41	0.478	0.326	0.804	152.75	0
AG0: Ant A_LTE Band 12	AG1: Ant F_LTE Band 48	0.478	0.354	0.832	156.45	0
AG0: Ant A_LTE Band 12	AG1: Ant F_LTE Band 66	0.478	0.26	0.738	152.51	0
AG0: Ant A_LTE Band 12	AG1: Ant F_LTE Band 7	0.478	0.322	0.8	155.8	0
AG0: Ant A_LTE Band 12	AG1: Ant F_NR Band n25	0.478	0.278	0.756	153.85	0
AG0: Ant A_LTE Band 12	AG1: Ant F_NR Band n30	0.478	0.293	0.771	160.5	0
AG0: Ant A_LTE Band 12	AG1: Ant F_NR Band n48	0.478	0.438	0.916	155.42	0.01
AG0: Ant A_LTE Band 12	AG1: Ant F_NR Band n66	0.478	0.272	0.75	156.48	0
AG0: Ant A_LTE Band 12	AG1: Ant F_NR Band n70	0.478	0.196	0.674	157.5	0
AG0: Ant A_LTE Band 12	AG1: Ant F_NR Band n77	0.478	0.203	0.681	158.28	0
AG0: Ant A_LTE Band 12	AG1: Ant G_5 GHz WIFI	0.478	0.403	0.881	143.24	0.01
AG0: Ant A_LTE Band 12	AG1: Ant H_2.4 GHz Bluetooth	0.478	0.273	0.751	134.83	0
AG0: Ant A_LTE Band 12	AG1: Ant H_2.4 GHz WIFI	0.478	0.253	0.731	139.93	0
AG0: Ant A_LTE Band 12	AG1: Ant I_NR Band n48	0.478	0.214	0.692	110.9	0.01
AG0: Ant A_LTE Band 12	AG1: Ant MIMO_2.4 GHz WIFI	0.478	0.273	0.751	149.18	0
AG0: Ant A_LTE Band 12	AG1: Ant MIMO_5 GHz WIFI	0.478	0.329	0.807	149.73	0

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Back						
AG0 Band/Antenna	AG1 Band/Antenna	AG0 ER	AG1 ER	Standalone Sum ER	Distance (mm)	SPLSR
AGO: Ant A_LTE Band 13	AG1: Ant E_GSM 850	0.476	0.575	1.051	164.83	0.01
AGO: Ant A_LTE Band 13	AG1: Ant E_LTE Band 12	0.476	0.281	0.757	163.68	0
AGO: Ant A_LTE Band 13	AG1: Ant E_LTE Band 13	0.476	0.273	0.749	164.47	0
AGO: Ant A_LTE Band 13	AG1: Ant E_LTE Band 14	0.476	0.369	0.845	163.77	0
AGO: Ant A_LTE Band 13	AG1: Ant E_LTE Band 26	0.476	0.428	0.904	163.68	0.01
AGO: Ant A_LTE Band 13	AG1: Ant E_LTE Band 71	0.476	0.343	0.819	161.57	0
AGO: Ant A_LTE Band 13	AG1: Ant E_NR Band n5	0.476	0.359	0.835	160.93	0
AGO: Ant A_LTE Band 13	AG1: Ant E_NR Band n71	0.476	0.348	0.824	160.14	0
AGO: Ant A_LTE Band 13	AG1: Ant E_UMTS 850	0.476	0.409	0.885	165.54	0.01
AGO: Ant A_LTE Band 13	AG1: Ant F_LTE Band 25	0.476	0.276	0.752	156.31	0
AGO: Ant A_LTE Band 13	AG1: Ant F_LTE Band 30	0.476	0.191	0.667	155.96	0
AGO: Ant A_LTE Band 13	AG1: Ant F_LTE Band 41	0.476	0.326	0.802	152.75	0
AGO: Ant A_LTE Band 13	AG1: Ant F_LTE Band 48	0.476	0.354	0.83	156.45	0
AGO: Ant A_LTE Band 13	AG1: Ant F_LTE Band 66	0.476	0.26	0.736	152.51	0
AGO: Ant A_LTE Band 13	AG1: Ant F_LTE Band 7	0.476	0.322	0.798	155.8	0
AGO: Ant A_LTE Band 13	AG1: Ant F_NR Band n25	0.476	0.278	0.754	153.85	0
AGO: Ant A_LTE Band 13	AG1: Ant F_NR Band n30	0.476	0.293	0.769	160.5	0
AGO: Ant A_LTE Band 13	AG1: Ant F_NR Band n48	0.476	0.438	0.914	155.42	0.01
AGO: Ant A_LTE Band 13	AG1: Ant F_NR Band n66	0.476	0.272	0.748	156.48	0
AGO: Ant A_LTE Band 13	AG1: Ant F_NR Band n70	0.476	0.196	0.672	157.5	0
AGO: Ant A_LTE Band 13	AG1: Ant F_NR Band n77	0.476	0.203	0.679	158.28	0
AGO: Ant A_LTE Band 13	AG1: Ant G_5 GHz WIFI	0.476	0.403	0.879	143.24	0.01
AGO: Ant A_LTE Band 13	AG1: Ant H_2.4 GHz Bluetooth	0.476	0.273	0.749	134.83	0
AGO: Ant A_LTE Band 13	AG1: Ant H_2.4 GHz WIFI	0.476	0.253	0.729	139.93	0
AGO: Ant A_LTE Band 13	AG1: Ant I_NR Band n48	0.476	0.214	0.69	110.9	0.01
AGO: Ant A_LTE Band 13	AG1: Ant MIMO_2.4 GHz WIFI	0.476	0.273	0.749	149.18	0
AGO: Ant A_LTE Band 13	AG1: Ant MIMO_5 GHz WIFI	0.476	0.329	0.805	149.73	0
AGO: Ant A_LTE Band 14	AG1: Ant E_GSM 850	0.474	0.575	1.049	165.39	0.01
AGO: Ant A_LTE Band 14	AG1: Ant E_LTE Band 12	0.474	0.281	0.755	164.22	0
AGO: Ant A_LTE Band 14	AG1: Ant E_LTE Band 13	0.474	0.273	0.747	164.99	0
AGO: Ant A_LTE Band 14	AG1: Ant E_LTE Band 14	0.474	0.369	0.843	164.33	0
AGO: Ant A_LTE Band 14	AG1: Ant E_LTE Band 26	0.474	0.428	0.902	164.22	0.01
AGO: Ant A_LTE Band 14	AG1: Ant E_LTE Band 71	0.474	0.343	0.817	162.11	0
AGO: Ant A_LTE Band 14	AG1: Ant E_NR Band n5	0.474	0.359	0.833	161.52	0
AGO: Ant A_LTE Band 14	AG1: Ant E_NR Band n71	0.474	0.348	0.822	160.76	0
AGO: Ant A_LTE Band 14	AG1: Ant E_UMTS 850	0.474	0.409	0.883	166.06	0
AGO: Ant A_LTE Band 14	AG1: Ant F_LTE Band 25	0.474	0.276	0.75	157.13	0
AGO: Ant A_LTE Band 14	AG1: Ant F_LTE Band 30	0.474	0.191	0.665	156.86	0
AGO: Ant A_LTE Band 14	AG1: Ant F_LTE Band 41	0.474	0.326	0.8	153.6	0
AGO: Ant A_LTE Band 14	AG1: Ant F_LTE Band 48	0.474	0.354	0.828	157.3	0
AGO: Ant A_LTE Band 14	AG1: Ant F_LTE Band 66	0.474	0.26	0.734	153.34	0
AGO: Ant A_LTE Band 14	AG1: Ant F_LTE Band 7	0.474	0.322	0.796	156.68	0
AGO: Ant A_LTE Band 14	AG1: Ant F_NR Band n25	0.474	0.278	0.752	154.72	0
AGO: Ant A_LTE Band 14	AG1: Ant F_NR Band n30	0.474	0.293	0.767	161.3	0
AGO: Ant A_LTE Band 14	AG1: Ant F_NR Band n48	0.474	0.438	0.912	156.25	0.01
AGO: Ant A_LTE Band 14	AG1: Ant F_NR Band n66	0.474	0.272	0.746	157.34	0
AGO: Ant A_LTE Band 14	AG1: Ant F_NR Band n70	0.474	0.196	0.67	158.36	0
AGO: Ant A_LTE Band 14	AG1: Ant F_NR Band n77	0.474	0.203	0.677	159.14	0
AGO: Ant A_LTE Band 14	AG1: Ant G_5 GHz WIFI	0.474	0.403	0.877	144.3	0.01
AGO: Ant A_LTE Band 14	AG1: Ant H_2.4 GHz Bluetooth	0.474	0.273	0.747	135.9	0
AGO: Ant A_LTE Band 14	AG1: Ant H_2.4 GHz WIFI	0.474	0.253	0.727	140.92	0
AGO: Ant A_LTE Band 14	AG1: Ant I_NR Band n48	0.474	0.214	0.688	111.93	0.01
AGO: Ant A_LTE Band 14	AG1: Ant MIMO_2.4 GHz WIFI	0.474	0.273	0.747	150.1	0
AGO: Ant A_LTE Band 14	AG1: Ant MIMO_5 GHz WIFI	0.474	0.329	0.803	150.77	0
AGO: Ant A_LTE Band 25	AG1: Ant E_GSM 850	0.723	0.575	1.298	169.22	0.01
AGO: Ant A_LTE Band 25	AG1: Ant E_LTE Band 12	0.723	0.281	1.004	167.84	0.01
AGO: Ant A_LTE Band 25	AG1: Ant E_LTE Band 13	0.723	0.273	0.996	168.31	0.01
AGO: Ant A_LTE Band 25	AG1: Ant E_LTE Band 14	0.723	0.369	1.092	168.12	0.01
AGO: Ant A_LTE Band 25	AG1: Ant E_LTE Band 26	0.723	0.428	1.151	167.84	0.01
AGO: Ant A_LTE Band 25	AG1: Ant E_LTE Band 71	0.723	0.343	1.066	165.65	0.01
AGO: Ant A_LTE Band 25	AG1: Ant E_NR Band n5	0.723	0.359	1.082	165.7	0.01
AGO: Ant A_LTE Band 25	AG1: Ant E_NR Band n71	0.723	0.348	1.071	165.23	0.01
AGO: Ant A_LTE Band 25	AG1: Ant E_UMTS 850	0.723	0.409	1.132	169.41	0.01
AGO: Ant A_LTE Band 25	AG1: Ant F_LTE Band 25	0.723	0.276	0.999	164.23	0.01
AGO: Ant A_LTE Band 25	AG1: Ant F_LTE Band 30	0.723	0.191	0.914	164.88	0.01
AGO: Ant A_LTE Band 25	AG1: Ant F_LTE Band 41	0.723	0.326	1.049	161.03	0.01
AGO: Ant A_LTE Band 25	AG1: Ant F_LTE Band 48	0.723	0.354	1.077	164.68	0.01
AGO: Ant A_LTE Band 25	AG1: Ant F_LTE Band 66	0.723	0.26	0.983	160.49	0.01
AGO: Ant A_LTE Band 25	AG1: Ant F_LTE Band 7	0.723	0.322	1.045	164.56	0.01
AGO: Ant A_LTE Band 25	AG1: Ant F_NR Band n25	0.723	0.278	1.001	162.49	0.01
AGO: Ant A_LTE Band 25	AG1: Ant F_NR Band n30	0.723	0.293	1.016	168.02	0.01
AGO: Ant A_LTE Band 25	AG1: Ant F_NR Band n48	0.723	0.438	1.161	163.43	0.01
AGO: Ant A_LTE Band 25	AG1: Ant F_NR Band n66	0.723	0.272	0.995	164.86	0.01
AGO: Ant A_LTE Band 25	AG1: Ant F_NR Band n70	0.723	0.196	0.919	165.95	0.01
AGO: Ant A_LTE Band 25	AG1: Ant F_NR Band n77	0.723	0.203	0.926	166.63	0.01
AGO: Ant A_LTE Band 25	AG1: Ant G_5 GHz WIFI	0.723	0.403	1.126	154.42	0.01
AGO: Ant A_LTE Band 25	AG1: Ant G_6 GHz WIFI	0.723	0.105	0.828	161.87	0
AGO: Ant A_LTE Band 25	AG1: Ant H_2.4 GHz Bluetooth	0.723	0.273	0.996	146.26	0.01
AGO: Ant A_LTE Band 25	AG1: Ant H_2.4 GHz WIFI	0.723	0.253	0.976	150.17	0.01
AGO: Ant A_LTE Band 25	AG1: Ant I_NR Band n48	0.723	0.214	0.937	122	0.01
AGO: Ant A_LTE Band 25	AG1: Ant I_NR Band n77	0.723	0.089	0.812	120.71	0.01
AGO: Ant A_LTE Band 25	AG1: Ant MIMO_2.4 GHz WIFI	0.723	0.273	0.996	158.43	0.01
AGO: Ant A_LTE Band 25	AG1: Ant MIMO_5 GHz WIFI	0.723	0.329	1.052	160.6	0.01
AGO: Ant A_LTE Band 25	AG1: Ant MIMO_6 GHz WIFI	0.723	0.084	0.807	164.97	0

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AG0 Band/Antenna	AG1 Band/Antenna	AG0 ER	AG1 ER	Standalone Sum ER	Distance (mm)	SPLSR
AG0: Ant A_LTE Band 26	AG1: Ant E_GSM 850	0.451	0.575	1.026	161.99	0.01
AG0: Ant A_LTE Band 26	AG1: Ant E_LTE Band 12	0.451	0.281	0.732	160.83	0
AG0: Ant A_LTE Band 26	AG1: Ant E_LTE Band 13	0.451	0.273	0.724	161.63	0
AG0: Ant A_LTE Band 26	AG1: Ant E_LTE Band 14	0.451	0.369	0.82	160.93	0
AG0: Ant A_LTE Band 26	AG1: Ant E_LTE Band 26	0.451	0.428	0.879	160.83	0.01
AG0: Ant A_LTE Band 26	AG1: Ant E_LTE Band 71	0.451	0.343	0.794	158.73	0
AG0: Ant A_LTE Band 26	AG1: Ant E_NR Band n5	0.451	0.359	0.81	158.09	0
AG0: Ant A_LTE Band 26	AG1: Ant E_NR Band n71	0.451	0.348	0.799	157.3	0
AG0: Ant A_LTE Band 26	AG1: Ant E_UMTS 850	0.451	0.409	0.86	162.69	0
AG0: Ant A_LTE Band 26	AG1: Ant F_LTE Band 25	0.451	0.276	0.727	153.51	0
AG0: Ant A_LTE Band 26	AG1: Ant F_LTE Band 30	0.451	0.191	0.642	153.19	0
AG0: Ant A_LTE Band 26	AG1: Ant F_LTE Band 41	0.451	0.326	0.777	149.96	0
AG0: Ant A_LTE Band 26	AG1: Ant F_LTE Band 48	0.451	0.354	0.805	153.66	0
AG0: Ant A_LTE Band 26	AG1: Ant F_LTE Band 66	0.451	0.26	0.711	149.72	0
AG0: Ant A_LTE Band 26	AG1: Ant F_LTE Band 7	0.451	0.322	0.773	153.03	0
AG0: Ant A_LTE Band 26	AG1: Ant F_NR Band n25	0.451	0.278	0.729	151.07	0
AG0: Ant A_LTE Band 26	AG1: Ant F_NR Band n30	0.451	0.293	0.744	157.7	0
AG0: Ant A_LTE Band 26	AG1: Ant F_NR Band n48	0.451	0.438	0.889	152.62	0.01
AG0: Ant A_LTE Band 26	AG1: Ant F_NR Band n66	0.451	0.272	0.723	153.7	0
AG0: Ant A_LTE Band 26	AG1: Ant F_NR Band n70	0.451	0.196	0.647	154.72	0
AG0: Ant A_LTE Band 26	AG1: Ant F_NR Band n77	0.451	0.203	0.654	155.5	0
AG0: Ant A_LTE Band 26	AG1: Ant G_5 GHz WIFI	0.451	0.403	0.854	140.56	0.01
AG0: Ant A_LTE Band 26	AG1: Ant H_2.4 GHz Bluetooth	0.451	0.273	0.724	132.16	0
AG0: Ant A_LTE Band 26	AG1: Ant H_2.4 GHz WIFI	0.451	0.253	0.704	137.21	0
AG0: Ant A_LTE Band 26	AG1: Ant I_NR Band n48	0.451	0.214	0.665	108.2	0.01
AG0: Ant A_LTE Band 26	AG1: Ant MIMO_2.4 GHz WIFI	0.451	0.273	0.724	146.42	0
AG0: Ant A_LTE Band 26	AG1: Ant MIMO_5 GHz WIFI	0.451	0.329	0.78	147.04	0
AG0: Ant A_LTE Band 66	AG1: Ant E_GSM 850	0.697	0.575	1.272	169.54	0.01
AG0: Ant A_LTE Band 66	AG1: Ant E_LTE Band 12	0.697	0.281	0.978	168.18	0.01
AG0: Ant A_LTE Band 66	AG1: Ant E_LTE Band 13	0.697	0.273	0.97	168.67	0.01
AG0: Ant A_LTE Band 66	AG1: Ant E_LTE Band 14	0.697	0.369	1.066	168.44	0.01
AG0: Ant A_LTE Band 66	AG1: Ant E_LTE Band 26	0.697	0.428	1.125	168.18	0.01
AG0: Ant A_LTE Band 66	AG1: Ant E_LTE Band 71	0.697	0.343	1.04	165.99	0.01
AG0: Ant A_LTE Band 66	AG1: Ant E_NR Band n5	0.697	0.359	1.056	166	0.01
AG0: Ant A_LTE Band 66	AG1: Ant E_NR Band n71	0.697	0.348	1.045	165.51	0.01
AG0: Ant A_LTE Band 66	AG1: Ant E_UMTS 850	0.697	0.409	1.106	169.76	0.01
AG0: Ant A_LTE Band 66	AG1: Ant F_LTE Band 25	0.697	0.276	0.973	164.35	0.01
AG0: Ant A_LTE Band 66	AG1: Ant F_LTE Band 30	0.697	0.191	0.888	164.93	0.01
AG0: Ant A_LTE Band 66	AG1: Ant F_LTE Band 41	0.697	0.326	1.023	161.12	0.01
AG0: Ant A_LTE Band 66	AG1: Ant F_LTE Band 48	0.697	0.354	1.051	164.78	0.01
AG0: Ant A_LTE Band 66	AG1: Ant F_LTE Band 66	0.697	0.26	0.957	160.6	0.01
AG0: Ant A_LTE Band 66	AG1: Ant F_LTE Band 7	0.697	0.322	1.019	164.62	0.01
AG0: Ant A_LTE Band 66	AG1: Ant F_NR Band n25	0.697	0.278	0.975	162.56	0.01
AG0: Ant A_LTE Band 66	AG1: Ant F_NR Band n30	0.697	0.293	0.99	168.16	0.01
AG0: Ant A_LTE Band 66	AG1: Ant F_NR Band n48	0.697	0.438	1.135	163.54	0.01
AG0: Ant A_LTE Band 66	AG1: Ant F_NR Band n66	0.697	0.272	0.969	164.95	0.01
AG0: Ant A_LTE Band 66	AG1: Ant F_NR Band n70	0.697	0.196	0.893	166.03	0.01
AG0: Ant A_LTE Band 66	AG1: Ant F_NR Band n77	0.697	0.203	0.9	166.72	0.01
AG0: Ant A_LTE Band 66	AG1: Ant G_5 GHz WIFI	0.697	0.403	1.1	154.32	0.01
AG0: Ant A_LTE Band 66	AG1: Ant G_6 GHz WIFI	0.697	0.105	0.802	161.86	0
AG0: Ant A_LTE Band 66	AG1: Ant H_2.4 GHz Bluetooth	0.697	0.273	0.97	146.14	0.01
AG0: Ant A_LTE Band 66	AG1: Ant H_2.4 GHz WIFI	0.697	0.253	0.95	150.13	0.01
AG0: Ant A_LTE Band 66	AG1: Ant I_NR Band n48	0.697	0.214	0.911	121.89	0.01
AG0: Ant A_LTE Band 66	AG1: Ant I_NR Band n77	0.697	0.089	0.786	120.6	0.01
AG0: Ant A_LTE Band 66	AG1: Ant MIMO_2.4 GHz WIFI	0.697	0.273	0.97	158.46	0.01
AG0: Ant A_LTE Band 66	AG1: Ant MIMO_5 GHz WIFI	0.697	0.329	1.026	160.53	0.01
AG0: Ant A_LTE Band 66	AG1: Ant MIMO_6 GHz WIFI	0.697	0.084	0.781	165.36	0
AG0: Ant A_LTE Band 71	AG1: Ant E_GSM 850	0.586	0.575	1.161	166.45	0.01
AG0: Ant A_LTE Band 71	AG1: Ant E_LTE Band 12	0.586	0.281	0.867	165.33	0
AG0: Ant A_LTE Band 71	AG1: Ant E_LTE Band 13	0.586	0.273	0.859	166.16	0
AG0: Ant A_LTE Band 71	AG1: Ant E_LTE Band 14	0.586	0.369	0.955	165.4	0.01
AG0: Ant A_LTE Band 71	AG1: Ant E_LTE Band 26	0.586	0.428	1.014	165.33	0.01
AG0: Ant A_LTE Band 71	AG1: Ant E_LTE Band 71	0.586	0.343	0.929	163.23	0.01
AG0: Ant A_LTE Band 71	AG1: Ant E_NR Band n5	0.586	0.359	0.945	162.51	0.01
AG0: Ant A_LTE Band 71	AG1: Ant E_NR Band n71	0.586	0.348	0.934	161.69	0.01
AG0: Ant A_LTE Band 71	AG1: Ant E_UMTS 850	0.586	0.409	0.995	167.22	0.01
AG0: Ant A_LTE Band 71	AG1: Ant F_LTE Band 25	0.586	0.276	0.862	157.5	0.01
AG0: Ant A_LTE Band 71	AG1: Ant F_LTE Band 30	0.586	0.191	0.777	157.02	0
AG0: Ant A_LTE Band 71	AG1: Ant F_LTE Band 41	0.586	0.326	0.912	153.9	0.01
AG0: Ant A_LTE Band 71	AG1: Ant F_LTE Band 48	0.586	0.354	0.94	157.6	0.01
AG0: Ant A_LTE Band 71	AG1: Ant F_LTE Band 66	0.586	0.26	0.846	153.7	0.01
AG0: Ant A_LTE Band 71	AG1: Ant F_LTE Band 7	0.586	0.322	0.908	156.88	0.01
AG0: Ant A_LTE Band 71	AG1: Ant F_NR Band n25	0.586	0.278	0.864	154.95	0.01
AG0: Ant A_LTE Band 71	AG1: Ant F_NR Band n30	0.586	0.293	0.879	161.75	0.01
AG0: Ant A_LTE Band 71	AG1: Ant F_NR Band n48	0.586	0.438	1.024	156.6	0.01
AG0: Ant A_LTE Band 71	AG1: Ant F_NR Band n66	0.586	0.272	0.858	157.62	0.01
AG0: Ant A_LTE Band 71	AG1: Ant F_NR Band n70	0.586	0.196	0.782	158.62	0
AG0: Ant A_LTE Band 71	AG1: Ant F_NR Band n77	0.586	0.203	0.789	159.42	0
AG0: Ant A_LTE Band 71	AG1: Ant G_5 GHz WIFI	0.586	0.403	0.989	144	0.01
AG0: Ant A_LTE Band 71	AG1: Ant G_6 GHz WIFI	0.586	0.105	0.691	152.81	0
AG0: Ant A_LTE Band 71	AG1: Ant H_2.4 GHz Bluetooth	0.586	0.273	0.859	135.56	0.01
AG0: Ant A_LTE Band 71	AG1: Ant H_2.4 GHz WIFI	0.586	0.253	0.839	140.83	0.01
AG0: Ant A_LTE Band 71	AG1: Ant I_NR Band n48	0.586	0.214	0.8	111.74	0.01
AG0: Ant A_LTE Band 71	AG1: Ant I_NR Band n77	0.586	0.089	0.675	110.55	0.01
AG0: Ant A_LTE Band 71	AG1: Ant MIMO_2.4 GHz WIFI	0.586	0.273	0.859	150.2	0.01
AG0: Ant A_LTE Band 71	AG1: Ant MIMO_5 GHz WIFI	0.586	0.329	0.915	150.52	0.01
AG0: Ant A_LTE Band 71	AG1: Ant MIMO_6 GHz WIFI	0.586	0.084	0.67	163.61	0

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AG0 Band/Antenna	AG1 Band/Antenna	AG0 ER	AG1 ER	Standalone Sum ER	Distance (mm)	SPLSR
AG0: Ant A_NR Band n25	AG1: Ant E_GSM 850	0.546	0.575	1.121	166.32	0.01
AG0: Ant A_NR Band n25	AG1: Ant E_LTE Band 12	0.546	0.281	0.827	164.96	0
AG0: Ant A_NR Band n25	AG1: Ant E_LTE Band 13	0.546	0.273	0.819	165.44	0
AG0: Ant A_NR Band n25	AG1: Ant E_LTE Band 14	0.546	0.369	0.915	165.23	0.01
AG0: Ant A_NR Band n25	AG1: Ant E_LTE Band 26	0.546	0.428	0.974	164.96	0.01
AG0: Ant A_NR Band n25	AG1: Ant E_LTE Band 71	0.546	0.343	0.889	162.77	0.01
AG0: Ant A_NR Band n25	AG1: Ant E_NR Band n5	0.546	0.359	0.905	162.8	0.01
AG0: Ant A_NR Band n25	AG1: Ant E_NR Band n71	0.546	0.348	0.894	162.32	0.01
AG0: Ant A_NR Band n25	AG1: Ant E_UMTS 850	0.546	0.409	0.955	166.53	0.01
AG0: Ant A_NR Band n25	AG1: Ant F_LTE Band 25	0.546	0.276	0.822	161.29	0
AG0: Ant A_NR Band n25	AG1: Ant F_LTE Band 30	0.546	0.191	0.737	161.94	0
AG0: Ant A_NR Band n25	AG1: Ant F_LTE Band 41	0.546	0.326	0.872	158.09	0.01
AG0: Ant A_NR Band n25	AG1: Ant F_LTE Band 48	0.546	0.354	0.9	161.74	0.01
AG0: Ant A_NR Band n25	AG1: Ant F_LTE Band 66	0.546	0.26	0.806	157.55	0
AG0: Ant A_NR Band n25	AG1: Ant F_LTE Band 7	0.546	0.322	0.868	161.62	0.01
AG0: Ant A_NR Band n25	AG1: Ant F_NR Band n25	0.546	0.278	0.824	159.55	0
AG0: Ant A_NR Band n25	AG1: Ant F_NR Band n30	0.546	0.293	0.839	165.08	0
AG0: Ant A_NR Band n25	AG1: Ant F_NR Band n48	0.546	0.438	0.984	160.49	0.01
AG0: Ant A_NR Band n25	AG1: Ant F_NR Band n66	0.546	0.272	0.818	161.92	0
AG0: Ant A_NR Band n25	AG1: Ant F_NR Band n70	0.546	0.196	0.742	163	0
AG0: Ant A_NR Band n25	AG1: Ant F_NR Band n77	0.546	0.203	0.749	163.69	0
AG0: Ant A_NR Band n25	AG1: Ant G_5 GHz WIFI	0.546	0.403	0.949	151.5	0.01
AG0: Ant A_NR Band n25	AG1: Ant G_6 GHz WIFI	0.546	0.105	0.651	158.93	0
AG0: Ant A_NR Band n25	AG1: Ant H_2.4 GHz Bluetooth	0.546	0.273	0.819	143.35	0.01
AG0: Ant A_NR Band n25	AG1: Ant H_2.4 GHz WIFI	0.546	0.253	0.799	147.23	0
AG0: Ant A_NR Band n25	AG1: Ant I_NR Band n48	0.546	0.214	0.76	119.09	0.01
AG0: Ant A_NR Band n25	AG1: Ant I_NR Band n77	0.546	0.089	0.635	117.8	0
AG0: Ant A_NR Band n25	AG1: Ant MIMO_2.4 GHz WIFI	0.546	0.273	0.819	155.49	0
AG0: Ant A_NR Band n25	AG1: Ant MIMO_5 GHz WIFI	0.546	0.329	0.875	157.68	0.01
AG0: Ant A_NR Band n25	AG1: Ant MIMO_6 GHz WIFI	0.546	0.084	0.63	162.11	0
AG0: Ant A_NR Band n5	AG1: Ant E_GSM 850	0.699	0.575	1.274	159.93	0.01
AG0: Ant A_NR Band n5	AG1: Ant E_LTE Band 12	0.699	0.281	0.98	158.83	0.01
AG0: Ant A_NR Band n5	AG1: Ant E_LTE Band 13	0.699	0.273	0.972	159.68	0.01
AG0: Ant A_NR Band n5	AG1: Ant E_LTE Band 14	0.699	0.369	1.068	158.89	0.01
AG0: Ant A_NR Band n5	AG1: Ant E_LTE Band 26	0.699	0.428	1.127	158.83	0.01
AG0: Ant A_NR Band n5	AG1: Ant E_LTE Band 71	0.699	0.343	1.042	156.74	0.01
AG0: Ant A_NR Band n5	AG1: Ant E_NR Band n5	0.699	0.359	1.058	155.97	0.01
AG0: Ant A_NR Band n5	AG1: Ant E_NR Band n71	0.699	0.348	1.047	155.13	0.01
AG0: Ant A_NR Band n5	AG1: Ant E_UMTS 850	0.699	0.409	1.108	160.74	0.01
AG0: Ant A_NR Band n5	AG1: Ant F_LTE Band 25	0.699	0.276	0.975	150.81	0.01
AG0: Ant A_NR Band n5	AG1: Ant F_LTE Band 30	0.699	0.191	0.89	150.31	0.01
AG0: Ant A_NR Band n5	AG1: Ant F_LTE Band 41	0.699	0.326	1.025	147.2	0.01
AG0: Ant A_NR Band n5	AG1: Ant F_LTE Band 48	0.699	0.354	1.053	150.9	0.01
AG0: Ant A_NR Band n5	AG1: Ant F_LTE Band 66	0.699	0.26	0.959	147.01	0.01
AG0: Ant A_NR Band n5	AG1: Ant F_LTE Band 7	0.699	0.322	1.021	150.17	0.01
AG0: Ant A_NR Band n5	AG1: Ant F_NR Band n25	0.699	0.278	0.977	148.24	0.01
AG0: Ant A_NR Band n5	AG1: Ant F_NR Band n30	0.699	0.293	0.992	155.07	0.01
AG0: Ant A_NR Band n5	AG1: Ant F_NR Band n48	0.699	0.438	1.137	149.9	0.01
AG0: Ant A_NR Band n5	AG1: Ant F_NR Band n66	0.699	0.272	0.971	150.91	0.01
AG0: Ant A_NR Band n5	AG1: Ant F_NR Band n70	0.699	0.196	0.895	151.92	0.01
AG0: Ant A_NR Band n5	AG1: Ant F_NR Band n77	0.699	0.203	0.902	152.71	0.01
AG0: Ant A_NR Band n5	AG1: Ant G_5 GHz WIFI	0.699	0.403	1.102	137.29	0.01
AG0: Ant A_NR Band n5	AG1: Ant G_6 GHz WIFI	0.699	0.105	0.804	146.09	0
AG0: Ant A_NR Band n5	AG1: Ant H_2.4 GHz Bluetooth	0.699	0.273	0.972	128.86	0.01
AG0: Ant A_NR Band n5	AG1: Ant H_2.4 GHz WIFI	0.699	0.253	0.952	134.11	0.01
AG0: Ant A_NR Band n5	AG1: Ant I_NR Band n48	0.699	0.214	0.913	105.02	0.01
AG0: Ant A_NR Band n5	AG1: Ant I_NR Band n77	0.699	0.089	0.788	103.84	0.01
AG0: Ant A_NR Band n5	AG1: Ant MIMO_2.4 GHz WIFI	0.699	0.273	0.972	143.49	0.01
AG0: Ant A_NR Band n5	AG1: Ant MIMO_5 GHz WIFI	0.699	0.329	1.028	143.81	0.01
AG0: Ant A_NR Band n5	AG1: Ant MIMO_6 GHz WIFI	0.699	0.084	0.783	157.2	0
AG0: Ant A_NR Band n66	AG1: Ant E_GSM 850	0.695	0.575	1.27	166.89	0.01
AG0: Ant A_NR Band n66	AG1: Ant E_LTE Band 12	0.695	0.281	0.976	165.54	0.01
AG0: Ant A_NR Band n66	AG1: Ant E_LTE Band 13	0.695	0.273	0.968	166.06	0.01
AG0: Ant A_NR Band n66	AG1: Ant E_LTE Band 14	0.695	0.369	1.064	165.79	0.01
AG0: Ant A_NR Band n66	AG1: Ant E_LTE Band 26	0.695	0.428	1.123	165.54	0.01
AG0: Ant A_NR Band n66	AG1: Ant E_LTE Band 71	0.695	0.343	1.038	163.36	0.01
AG0: Ant A_NR Band n66	AG1: Ant E_NR Band n5	0.695	0.359	1.054	163.32	0.01
AG0: Ant A_NR Band n66	AG1: Ant E_NR Band n71	0.695	0.348	1.043	162.8	0.01
AG0: Ant A_NR Band n66	AG1: Ant E_UMTS 850	0.695	0.409	1.104	167.15	0.01
AG0: Ant A_NR Band n66	AG1: Ant F_LTE Band 25	0.695	0.276	0.971	161.43	0.01
AG0: Ant A_NR Band n66	AG1: Ant F_LTE Band 30	0.695	0.191	0.886	161.96	0.01
AG0: Ant A_NR Band n66	AG1: Ant F_LTE Band 41	0.695	0.326	1.021	158.18	0.01
AG0: Ant A_NR Band n66	AG1: Ant F_LTE Band 48	0.695	0.354	1.049	161.84	0.01
AG0: Ant A_NR Band n66	AG1: Ant F_LTE Band 66	0.695	0.26	0.955	157.68	0.01
AG0: Ant A_NR Band n66	AG1: Ant F_LTE Band 7	0.695	0.322	1.017	161.65	0.01
AG0: Ant A_NR Band n66	AG1: Ant F_NR Band n25	0.695	0.278	0.973	159.6	0.01
AG0: Ant A_NR Band n66	AG1: Ant F_NR Band n30	0.695	0.293	0.988	165.27	0.01
AG0: Ant A_NR Band n66	AG1: Ant F_NR Band n48	0.695	0.438	1.133	160.62	0.01
AG0: Ant A_NR Band n66	AG1: Ant F_NR Band n66	0.695	0.272	0.967	162	0.01
AG0: Ant A_NR Band n66	AG1: Ant F_NR Band n70	0.695	0.196	0.891	163.08	0.01
AG0: Ant A_NR Band n66	AG1: Ant F_NR Band n77	0.695	0.203	0.898	163.78	0.01
AG0: Ant A_NR Band n66	AG1: Ant G_5 GHz WIFI	0.695	0.403	1.098	151.22	0.01
AG0: Ant A_NR Band n66	AG1: Ant G_6 GHz WIFI	0.695	0.105	0.8	158.82	0
AG0: Ant A_NR Band n66	AG1: Ant H_2.4 GHz Bluetooth	0.695	0.273	0.968	143.03	0.01
AG0: Ant A_NR Band n66	AG1: Ant H_2.4 GHz WIFI	0.695	0.253	0.948	147.07	0.01
AG0: Ant A_NR Band n66	AG1: Ant I_NR Band n48	0.695	0.214	0.909	118.78	0.01
AG0: Ant A_NR Band n66	AG1: Ant I_NR Band n77	0.695	0.089	0.784	117.5	0.01
AG0: Ant A_NR Band n66	AG1: Ant MIMO_2.4 GHz WIFI	0.695	0.273	0.968	155.46	0.01
AG0: Ant A_NR Band n66	AG1: Ant MIMO_5 GHz WIFI	0.695	0.329	1.024	157.45	0.01
AG0: Ant A_NR Band n66	AG1: Ant MIMO_6 GHz WIFI	0.695	0.084	0.779	162.81	0

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AG0 Band/Antenna	AG1 Band/Antenna	AG0 ER	AG1 ER	Standalone Sum ER	Distance (mm)	SPLSR
AG0: Ant A_NR Band n70	AG1: Ant E_GSM 850	0.554	0.575	1.129	165.68	0.01
AG0: Ant A_NR Band n70	AG1: Ant E_LTE Band 12	0.554	0.281	0.835	164.33	0
AG0: Ant A_NR Band n70	AG1: Ant E_LTE Band 13	0.554	0.273	0.827	164.85	0
AG0: Ant A_NR Band n70	AG1: Ant E_LTE Band 14	0.554	0.369	0.923	164.59	0.01
AG0: Ant A_NR Band n70	AG1: Ant E_LTE Band 26	0.554	0.428	0.982	164.33	0.01
AG0: Ant A_NR Band n70	AG1: Ant E_LTE Band 71	0.554	0.343	0.897	162.15	0.01
AG0: Ant A_NR Band n70	AG1: Ant E_NR Band n5	0.554	0.359	0.913	162.11	0.01
AG0: Ant A_NR Band n70	AG1: Ant E_NR Band n71	0.554	0.348	0.902	161.6	0.01
AG0: Ant A_NR Band n70	AG1: Ant E_UMTS 850	0.554	0.409	0.963	165.94	0.01
AG0: Ant A_NR Band n70	AG1: Ant F_LTE Band 25	0.554	0.276	0.83	160.28	0
AG0: Ant A_NR Band n70	AG1: Ant F_LTE Band 30	0.554	0.191	0.745	160.83	0
AG0: Ant A_NR Band n70	AG1: Ant F_LTE Band 41	0.554	0.326	0.88	157.04	0.01
AG0: Ant A_NR Band n70	AG1: Ant F_LTE Band 48	0.554	0.354	0.908	160.7	0.01
AG0: Ant A_NR Band n70	AG1: Ant F_LTE Band 66	0.554	0.26	0.814	156.53	0
AG0: Ant A_NR Band n70	AG1: Ant F_LTE Band 7	0.554	0.322	0.876	160.52	0.01
AG0: Ant A_NR Band n70	AG1: Ant F_NR Band n25	0.554	0.278	0.832	158.46	0
AG0: Ant A_NR Band n70	AG1: Ant F_NR Band n30	0.554	0.293	0.847	164.11	0
AG0: Ant A_NR Band n70	AG1: Ant F_NR Band n48	0.554	0.438	0.992	159.47	0.01
AG0: Ant A_NR Band n70	AG1: Ant F_NR Band n66	0.554	0.272	0.826	160.86	0
AG0: Ant A_NR Band n70	AG1: Ant F_NR Band n70	0.554	0.196	0.75	161.94	0
AG0: Ant A_NR Band n70	AG1: Ant F_NR Band n77	0.554	0.203	0.757	162.64	0
AG0: Ant A_NR Band n70	AG1: Ant G_5 GHz WIFI	0.554	0.403	0.957	150.16	0.01
AG0: Ant A_NR Band n70	AG1: Ant G_6 GHz WIFI	0.554	0.105	0.659	157.72	0
AG0: Ant A_NR Band n70	AG1: Ant H_2.4 GHz Bluetooth	0.554	0.273	0.827	141.97	0.01
AG0: Ant A_NR Band n70	AG1: Ant H_2.4 GHz WIFI	0.554	0.253	0.807	145.98	0
AG0: Ant A_NR Band n70	AG1: Ant I_NR Band n48	0.554	0.214	0.768	117.72	0.01
AG0: Ant A_NR Band n70	AG1: Ant I_NR Band n77	0.554	0.089	0.643	116.44	0
AG0: Ant A_NR Band n70	AG1: Ant MIMO_2.4 GHz WIFI	0.554	0.273	0.827	154.34	0
AG0: Ant A_NR Band n70	AG1: Ant MIMO_5 GHz WIFI	0.554	0.329	0.883	156.37	0.01
AG0: Ant A_NR Band n70	AG1: Ant MIMO_6 GHz WIFI	0.554	0.084	0.638	161.59	0
AG0: Ant A_NR Band n71	AG1: Ant E_GSM 850	0.598	0.575	1.173	167.94	0.01
AG0: Ant A_NR Band n71	AG1: Ant E_LTE Band 12	0.598	0.281	0.879	166.8	0
AG0: Ant A_NR Band n71	AG1: Ant E_LTE Band 13	0.598	0.273	0.871	167.61	0
AG0: Ant A_NR Band n71	AG1: Ant E_LTE Band 14	0.598	0.369	0.967	166.89	0.01
AG0: Ant A_NR Band n71	AG1: Ant E_LTE Band 26	0.598	0.428	1.026	166.8	0.01
AG0: Ant A_NR Band n71	AG1: Ant E_LTE Band 71	0.598	0.343	0.941	164.7	0.01
AG0: Ant A_NR Band n71	AG1: Ant E_NR Band n5	0.598	0.359	0.957	164.02	0.01
AG0: Ant A_NR Band n71	AG1: Ant E_NR Band n71	0.598	0.348	0.946	163.22	0.01
AG0: Ant A_NR Band n71	AG1: Ant E_UMTS 850	0.598	0.409	1.007	168.67	0.01
AG0: Ant A_NR Band n71	AG1: Ant F_LTE Band 25	0.598	0.276	0.874	159.2	0.01
AG0: Ant A_NR Band n71	AG1: Ant F_LTE Band 30	0.598	0.191	0.789	158.77	0
AG0: Ant A_NR Band n71	AG1: Ant F_LTE Band 41	0.598	0.326	0.924	155.62	0.01
AG0: Ant A_NR Band n71	AG1: Ant F_LTE Band 48	0.598	0.354	0.952	159.32	0.01
AG0: Ant A_NR Band n71	AG1: Ant F_LTE Band 66	0.598	0.26	0.858	155.4	0.01
AG0: Ant A_NR Band n71	AG1: Ant F_LTE Band 7	0.598	0.322	0.92	158.62	0.01
AG0: Ant A_NR Band n71	AG1: Ant F_NR Band n25	0.598	0.278	0.876	156.68	0.01
AG0: Ant A_NR Band n71	AG1: Ant F_NR Band n30	0.598	0.293	0.891	163.42	0.01
AG0: Ant A_NR Band n71	AG1: Ant F_NR Band n48	0.598	0.438	1.036	158.3	0.01
AG0: Ant A_NR Band n71	AG1: Ant F_NR Band n66	0.598	0.272	0.87	159.34	0.01
AG0: Ant A_NR Band n71	AG1: Ant F_NR Band n70	0.598	0.196	0.794	160.35	0
AG0: Ant A_NR Band n71	AG1: Ant F_NR Band n77	0.598	0.203	0.801	161.14	0
AG0: Ant A_NR Band n71	AG1: Ant G_5 GHz WIFI	0.598	0.403	1.001	145.85	0.01
AG0: Ant A_NR Band n71	AG1: Ant G_6 GHz WIFI	0.598	0.105	0.703	154.61	0
AG0: Ant A_NR Band n71	AG1: Ant H_2.4 GHz Bluetooth	0.598	0.273	0.871	137.42	0.01
AG0: Ant A_NR Band n71	AG1: Ant H_2.4 GHz WIFI	0.598	0.253	0.851	142.64	0.01
AG0: Ant A_NR Band n71	AG1: Ant I_NR Band n48	0.598	0.214	0.812	113.57	0.01
AG0: Ant A_NR Band n71	AG1: Ant I_NR Band n77	0.598	0.089	0.687	112.38	0.01
AG0: Ant A_NR Band n71	AG1: Ant MIMO_2.4 GHz WIFI	0.598	0.273	0.871	151.97	0.01
AG0: Ant A_NR Band n71	AG1: Ant MIMO_5 GHz WIFI	0.598	0.329	0.927	152.37	0.01
AG0: Ant A_NR Band n71	AG1: Ant MIMO_6 GHz WIFI	0.598	0.084	0.682	165.01	0
AG0: Ant A_UMTS 1750	AG1: Ant E_GSM 850	0.666	0.575	1.241	170.32	0.01
AG0: Ant A_UMTS 1750	AG1: Ant E_LTE Band 12	0.666	0.281	0.947	168.95	0.01
AG0: Ant A_UMTS 1750	AG1: Ant E_LTE Band 13	0.666	0.273	0.939	169.42	0.01
AG0: Ant A_UMTS 1750	AG1: Ant E_LTE Band 14	0.666	0.369	1.035	169.22	0.01
AG0: Ant A_UMTS 1750	AG1: Ant E_LTE Band 26	0.666	0.428	1.094	168.95	0.01
AG0: Ant A_UMTS 1750	AG1: Ant E_LTE Band 71	0.666	0.343	1.009	166.76	0.01
AG0: Ant A_UMTS 1750	AG1: Ant E_NR Band n5	0.666	0.359	1.025	166.8	0.01
AG0: Ant A_UMTS 1750	AG1: Ant E_NR Band n71	0.666	0.348	1.014	166.33	0.01
AG0: Ant A_UMTS 1750	AG1: Ant E_UMTS 850	0.666	0.409	1.075	170.52	0.01
AG0: Ant A_UMTS 1750	AG1: Ant F_LTE Band 25	0.666	0.276	0.942	165.29	0.01
AG0: Ant A_UMTS 1750	AG1: Ant F_LTE Band 30	0.666	0.191	0.857	165.92	0
AG0: Ant A_UMTS 1750	AG1: Ant F_LTE Band 41	0.666	0.326	0.992	162.08	0.01
AG0: Ant A_UMTS 1750	AG1: Ant F_LTE Band 48	0.666	0.354	1.02	165.74	0.01
AG0: Ant A_UMTS 1750	AG1: Ant F_LTE Band 66	0.666	0.26	0.926	161.55	0.01
AG0: Ant A_UMTS 1750	AG1: Ant F_LTE Band 7	0.666	0.322	0.988	165.6	0.01
AG0: Ant A_UMTS 1750	AG1: Ant F_NR Band n25	0.666	0.278	0.944	163.54	0.01
AG0: Ant A_UMTS 1750	AG1: Ant F_NR Band n30	0.666	0.293	0.959	169.08	0.01
AG0: Ant A_UMTS 1750	AG1: Ant F_NR Band n48	0.666	0.438	1.104	164.49	0.01
AG0: Ant A_UMTS 1750	AG1: Ant F_NR Band n66	0.666	0.272	0.938	165.91	0.01
AG0: Ant A_UMTS 1750	AG1: Ant F_NR Band n70	0.666	0.196	0.862	167	0
AG0: Ant A_UMTS 1750	AG1: Ant F_NR Band n77	0.666	0.203	0.869	167.69	0
AG0: Ant A_UMTS 1750	AG1: Ant G_5 GHz WIFI	0.666	0.403	1.069	155.41	0.01
AG0: Ant A_UMTS 1750	AG1: Ant G_6 GHz WIFI	0.666	0.105	0.771	162.89	0
AG0: Ant A_UMTS 1750	AG1: Ant H_2.4 GHz Bluetooth	0.666	0.273	0.939	147.24	0.01
AG0: Ant A_UMTS 1750	AG1: Ant H_2.4 GHz WIFI	0.666	0.253	0.919	151.18	0.01
AG0: Ant A_UMTS 1750	AG1: Ant I_NR Band n48	0.666	0.214	0.88	122.99	0.01
AG0: Ant A_UMTS 1750	AG1: Ant I_NR Band n77	0.666	0.089	0.755	121.7	0.01
AG0: Ant A_UMTS 1750	AG1: Ant MIMO_2.4 GHz WIFI	0.666	0.273	0.939	159.47	0.01
AG0: Ant A_UMTS 1750	AG1: Ant MIMO_5 GHz WIFI	0.666	0.329	0.995	161.61	0.01
AG0: Ant A_UMTS 1750	AG1: Ant MIMO_6 GHz WIFI	0.666	0.084	0.75	166.08	0

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AG0 Band/Antenna	AG1 Band/Antenna	AG0 ER	AG1 ER	Standalone Sum ER	Distance (mm)	SPLSR
AG0: Ant A_UMTS 1900	AG1: Ant E_GSM 850	0.748	0.575	1.323	170.8	0.01
AG0: Ant A_UMTS 1900	AG1: Ant E_LTE Band 12	0.748	0.281	1.029	169.41	0.01
AG0: Ant A_UMTS 1900	AG1: Ant E_LTE Band 13	0.748	0.273	1.021	169.84	0.01
AG0: Ant A_UMTS 1900	AG1: Ant E_LTE Band 14	0.748	0.369	1.117	169.7	0.01
AG0: Ant A_UMTS 1900	AG1: Ant E_LTE Band 26	0.748	0.428	1.176	169.41	0.01
AG0: Ant A_UMTS 1900	AG1: Ant E_LTE Band 71	0.748	0.343	1.091	167.21	0.01
AG0: Ant A_UMTS 1900	AG1: Ant E_NR Band n5	0.748	0.359	1.107	167.33	0.01
AG0: Ant A_UMTS 1900	AG1: Ant E_NR Band n71	0.748	0.348	1.096	166.89	0.01
AG0: Ant A_UMTS 1900	AG1: Ant E_UMTS 850	0.748	0.409	1.157	170.94	0.01
AG0: Ant A_UMTS 1900	AG1: Ant F_LTE Band 25	0.748	0.276	1.024	166.16	0.01
AG0: Ant A_UMTS 1900	AG1: Ant F_LTE Band 30	0.748	0.191	0.939	166.9	0.01
AG0: Ant A_UMTS 1900	AG1: Ant F_LTE Band 41	0.748	0.326	1.074	162.99	0.01
AG0: Ant A_UMTS 1900	AG1: Ant F_LTE Band 48	0.748	0.354	1.102	166.64	0.01
AG0: Ant A_UMTS 1900	AG1: Ant F_LTE Band 66	0.748	0.26	1.008	162.43	0.01
AG0: Ant A_UMTS 1900	AG1: Ant F_LTE Band 7	0.748	0.322	1.07	166.56	0.01
AG0: Ant A_UMTS 1900	AG1: Ant F_NR Band n25	0.748	0.278	1.026	164.49	0.01
AG0: Ant A_UMTS 1900	AG1: Ant F_NR Band n30	0.748	0.293	1.041	169.91	0.01
AG0: Ant A_UMTS 1900	AG1: Ant F_NR Band n48	0.748	0.438	1.186	165.37	0.01
AG0: Ant A_UMTS 1900	AG1: Ant F_NR Band n66	0.748	0.272	1.02	166.83	0.01
AG0: Ant A_UMTS 1900	AG1: Ant F_NR Band n70	0.748	0.196	0.944	167.92	0.01
AG0: Ant A_UMTS 1900	AG1: Ant F_NR Band n77	0.748	0.203	0.951	168.6	0.01
AG0: Ant A_UMTS 1900	AG1: Ant G_5 GHz WIFI	0.748	0.403	1.151	156.64	0.01
AG0: Ant A_UMTS 1900	AG1: Ant G_6 GHz WIFI	0.748	0.105	0.853	163.98	0
AG0: Ant A_UMTS 1900	AG1: Ant H_2.4 GHz Bluetooth	0.748	0.273	1.021	148.5	0.01
AG0: Ant A_UMTS 1900	AG1: Ant H_2.4 GHz WIFI	0.748	0.253	1.001	152.31	0.01
AG0: Ant A_UMTS 1900	AG1: Ant I_NR Band n48	0.748	0.214	0.962	124.25	0.01
AG0: Ant A_UMTS 1900	AG1: Ant I_NR Band n77	0.748	0.089	0.837	122.95	0.01
AG0: Ant A_UMTS 1900	AG1: Ant MIMO_2.4 GHz WIFI	0.748	0.273	1.021	160.49	0.01
AG0: Ant A_UMTS 1900	AG1: Ant MIMO_5 GHz WIFI	0.748	0.329	1.077	162.79	0.01
AG0: Ant A_UMTS 1900	AG1: Ant MIMO_6 GHz WIFI	0.748	0.084	0.832	166.43	0
AG0: Ant A_UMTS 850	AG1: Ant E_GSM 850	0.569	0.575	1.144	163.05	0.01
AG0: Ant A_UMTS 850	AG1: Ant E_LTE Band 12	0.569	0.281	0.85	161.9	0
AG0: Ant A_UMTS 850	AG1: Ant E_LTE Band 13	0.569	0.273	0.842	162.7	0
AG0: Ant A_UMTS 850	AG1: Ant E_LTE Band 14	0.569	0.369	0.938	161.99	0.01
AG0: Ant A_UMTS 850	AG1: Ant E_LTE Band 26	0.569	0.428	0.997	161.9	0.01
AG0: Ant A_UMTS 850	AG1: Ant E_LTE Band 71	0.569	0.343	0.912	159.8	0.01
AG0: Ant A_UMTS 850	AG1: Ant E_NR Band n5	0.569	0.359	0.928	159.15	0.01
AG0: Ant A_UMTS 850	AG1: Ant E_NR Band n71	0.569	0.348	0.917	158.36	0.01
AG0: Ant A_UMTS 850	AG1: Ant E_UMTS 850	0.569	0.409	0.978	163.76	0.01
AG0: Ant A_UMTS 850	AG1: Ant F_LTE Band 25	0.569	0.276	0.845	154.51	0.01
AG0: Ant A_UMTS 850	AG1: Ant F_LTE Band 30	0.569	0.191	0.76	154.16	0
AG0: Ant A_UMTS 850	AG1: Ant F_LTE Band 41	0.569	0.326	0.895	150.95	0.01
AG0: Ant A_UMTS 850	AG1: Ant F_LTE Band 48	0.569	0.354	0.923	154.65	0.01
AG0: Ant A_UMTS 850	AG1: Ant F_LTE Band 66	0.569	0.26	0.829	150.71	0.01
AG0: Ant A_UMTS 850	AG1: Ant F_LTE Band 7	0.569	0.322	0.891	154	0.01
AG0: Ant A_UMTS 850	AG1: Ant F_NR Band n25	0.569	0.278	0.847	152.05	0.01
AG0: Ant A_UMTS 850	AG1: Ant F_NR Band n30	0.569	0.293	0.862	158.7	0.01
AG0: Ant A_UMTS 850	AG1: Ant F_NR Band n48	0.569	0.438	1.007	153.62	0.01
AG0: Ant A_UMTS 850	AG1: Ant F_NR Band n66	0.569	0.272	0.841	154.68	0
AG0: Ant A_UMTS 850	AG1: Ant F_NR Band n70	0.569	0.196	0.765	155.7	0
AG0: Ant A_UMTS 850	AG1: Ant F_NR Band n77	0.569	0.203	0.772	156.48	0
AG0: Ant A_UMTS 850	AG1: Ant G_5 GHz WIFI	0.569	0.403	0.972	141.47	0.01
AG0: Ant A_UMTS 850	AG1: Ant G_6 GHz WIFI	0.569	0.105	0.674	150.1	0
AG0: Ant A_UMTS 850	AG1: Ant H_2.4 GHz Bluetooth	0.569	0.273	0.842	133.06	0.01
AG0: Ant A_UMTS 850	AG1: Ant H_2.4 GHz WIFI	0.569	0.253	0.822	138.14	0.01
AG0: Ant A_UMTS 850	AG1: Ant I_NR Band n48	0.569	0.214	0.783	109.12	0.01
AG0: Ant A_UMTS 850	AG1: Ant I_NR Band n77	0.569	0.089	0.658	107.92	0
AG0: Ant A_UMTS 850	AG1: Ant MIMO_2.4 GHz WIFI	0.569	0.273	0.842	147.38	0.01
AG0: Ant A_UMTS 850	AG1: Ant MIMO_5 GHz WIFI	0.569	0.329	0.898	147.95	0.01
AG0: Ant A_UMTS 850	AG1: Ant MIMO_6 GHz WIFI	0.569	0.084	0.653	160.08	0
AG0: Ant B_LTE Band 30	AG1: Ant E_GSM 850	0.498	0.575	1.073	168.13	0.01
AG0: Ant B_LTE Band 30	AG1: Ant E_LTE Band 12	0.498	0.281	0.779	167	0
AG0: Ant B_LTE Band 30	AG1: Ant E_LTE Band 13	0.498	0.273	0.771	167.83	0
AG0: Ant B_LTE Band 30	AG1: Ant E_LTE Band 14	0.498	0.369	0.867	167.08	0
AG0: Ant B_LTE Band 30	AG1: Ant E_LTE Band 26	0.498	0.428	0.926	167	0.01
AG0: Ant B_LTE Band 30	AG1: Ant E_LTE Band 71	0.498	0.343	0.841	164.91	0
AG0: Ant B_LTE Band 30	AG1: Ant E_NR Band n5	0.498	0.359	0.857	164.19	0
AG0: Ant B_LTE Band 30	AG1: Ant E_NR Band n71	0.498	0.348	0.846	163.37	0
AG0: Ant B_LTE Band 30	AG1: Ant E_UMTS 850	0.498	0.409	0.907	168.89	0.01
AG0: Ant B_LTE Band 30	AG1: Ant F_LTE Band 25	0.498	0.276	0.774	159.2	0
AG0: Ant B_LTE Band 30	AG1: Ant F_LTE Band 30	0.498	0.191	0.689	158.72	0
AG0: Ant B_LTE Band 30	AG1: Ant F_LTE Band 41	0.498	0.326	0.824	155.6	0
AG0: Ant B_LTE Band 30	AG1: Ant F_LTE Band 48	0.498	0.354	0.852	159.3	0
AG0: Ant B_LTE Band 30	AG1: Ant F_LTE Band 66	0.498	0.26	0.758	155.4	0
AG0: Ant B_LTE Band 30	AG1: Ant F_LTE Band 7	0.498	0.322	0.82	158.58	0
AG0: Ant B_LTE Band 30	AG1: Ant F_NR Band n25	0.498	0.278	0.776	156.65	0
AG0: Ant B_LTE Band 30	AG1: Ant F_NR Band n30	0.498	0.293	0.791	163.45	0
AG0: Ant B_LTE Band 30	AG1: Ant F_NR Band n48	0.498	0.438	0.936	158.3	0.01
AG0: Ant B_LTE Band 30	AG1: Ant F_NR Band n66	0.498	0.272	0.77	159.32	0
AG0: Ant B_LTE Band 30	AG1: Ant F_NR Band n70	0.498	0.196	0.694	160.32	0
AG0: Ant B_LTE Band 30	AG1: Ant F_NR Band n77	0.498	0.203	0.701	161.12	0
AG0: Ant B_LTE Band 30	AG1: Ant G_5 GHz WIFI	0.498	0.403	0.901	145.68	0.01
AG0: Ant B_LTE Band 30	AG1: Ant H_2.4 GHz Bluetooth	0.498	0.273	0.771	137.24	0
AG0: Ant B_LTE Band 30	AG1: Ant H_2.4 GHz WIFI	0.498	0.253	0.751	142.52	0
AG0: Ant B_LTE Band 30	AG1: Ant I_NR Band n48	0.498	0.214	0.712	113.42	0.01
AG0: Ant B_LTE Band 30	AG1: Ant MIMO_2.4 GHz WIFI	0.498	0.273	0.771	151.9	0
AG0: Ant B_LTE Band 30	AG1: Ant MIMO_5 GHz WIFI	0.498	0.329	0.827	152.21	0

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AG0 Band/Antenna	AG1 Band/Antenna	AG0 ER	AG1 ER	Standalone Sum ER	Distance (mm)	SPLSR
AG0: Ant B_LTE Band 41	AG1: Ant E_GSM 850	0.428	0.575	1.003	170.79	0.01
AG0: Ant B_LTE Band 41	AG1: Ant E_LTE Band 12	0.428	0.281	0.709	169.7	0
AG0: Ant B_LTE Band 41	AG1: Ant E_LTE Band 13	0.428	0.273	0.701	170.58	0
AG0: Ant B_LTE Band 41	AG1: Ant E_LTE Band 14	0.428	0.369	0.797	169.74	0
AG0: Ant B_LTE Band 41	AG1: Ant E_LTE Band 26	0.428	0.428	0.856	169.7	0
AG0: Ant B_LTE Band 41	AG1: Ant E_LTE Band 71	0.428	0.343	0.771	167.62	0
AG0: Ant B_LTE Band 41	AG1: Ant E_NR Band n5	0.428	0.359	0.787	166.79	0
AG0: Ant B_LTE Band 41	AG1: Ant E_NR Band n71	0.428	0.348	0.776	165.91	0
AG0: Ant B_LTE Band 41	AG1: Ant E_UMTS 850	0.428	0.409	0.837	171.63	0
AG0: Ant B_LTE Band 41	AG1: Ant F_LTE Band 25	0.428	0.276	0.704	161.2	0
AG0: Ant B_LTE Band 41	AG1: Ant F_LTE Band 41	0.428	0.326	0.754	157.54	0
AG0: Ant B_LTE Band 41	AG1: Ant F_LTE Band 48	0.428	0.354	0.782	161.24	0
AG0: Ant B_LTE Band 41	AG1: Ant F_LTE Band 66	0.428	0.26	0.688	157.4	0
AG0: Ant B_LTE Band 41	AG1: Ant F_LTE Band 7	0.428	0.322	0.75	160.4	0
AG0: Ant B_LTE Band 41	AG1: Ant F_NR Band n25	0.428	0.278	0.706	158.5	0
AG0: Ant B_LTE Band 41	AG1: Ant F_NR Band n30	0.428	0.293	0.721	165.52	0
AG0: Ant B_LTE Band 41	AG1: Ant F_NR Band n48	0.428	0.438	0.866	160.28	0.01
AG0: Ant B_LTE Band 41	AG1: Ant F_NR Band n66	0.428	0.272	0.7	161.22	0
AG0: Ant B_LTE Band 41	AG1: Ant F_NR Band n77	0.428	0.203	0.631	163.02	0
AG0: Ant B_LTE Band 41	AG1: Ant G_5 GHz WIFI	0.428	0.403	0.831	147	0.01
AG0: Ant B_LTE Band 41	AG1: Ant H_2.4 GHz Bluetooth	0.428	0.273	0.701	138.53	0
AG0: Ant B_LTE Band 41	AG1: Ant H_2.4 GHz WIFI	0.428	0.253	0.681	144.07	0
AG0: Ant B_LTE Band 41	AG1: Ant I_NR Band n48	0.428	0.214	0.642	114.9	0
AG0: Ant B_LTE Band 41	AG1: Ant MIMO_2.4 GHz WIFI	0.428	0.273	0.701	153.64	0
AG0: Ant B_LTE Band 41	AG1: Ant MIMO_5 GHz WIFI	0.428	0.329	0.757	153.57	0
AG0: Ant B_LTE Band 7	AG1: Ant E_GSM 850	0.416	0.575	0.991	167.15	0.01
AG0: Ant B_LTE Band 7	AG1: Ant E_LTE Band 12	0.416	0.281	0.697	166.01	0
AG0: Ant B_LTE Band 7	AG1: Ant E_LTE Band 13	0.416	0.273	0.689	166.83	0
AG0: Ant B_LTE Band 7	AG1: Ant E_LTE Band 14	0.416	0.369	0.785	166.09	0
AG0: Ant B_LTE Band 7	AG1: Ant E_LTE Band 26	0.416	0.428	0.844	166.01	0
AG0: Ant B_LTE Band 7	AG1: Ant E_LTE Band 71	0.416	0.343	0.759	163.91	0
AG0: Ant B_LTE Band 7	AG1: Ant E_NR Band n5	0.416	0.359	0.775	163.22	0
AG0: Ant B_LTE Band 7	AG1: Ant E_NR Band n71	0.416	0.348	0.764	162.4	0
AG0: Ant B_LTE Band 7	AG1: Ant E_UMTS 850	0.416	0.409	0.825	167.89	0
AG0: Ant B_LTE Band 7	AG1: Ant F_LTE Band 25	0.416	0.276	0.692	158.3	0
AG0: Ant B_LTE Band 7	AG1: Ant F_LTE Band 41	0.416	0.326	0.742	154.71	0
AG0: Ant B_LTE Band 7	AG1: Ant F_LTE Band 48	0.416	0.354	0.77	158.41	0
AG0: Ant B_LTE Band 7	AG1: Ant F_LTE Band 66	0.416	0.26	0.676	154.5	0
AG0: Ant B_LTE Band 7	AG1: Ant F_LTE Band 7	0.416	0.322	0.738	157.7	0
AG0: Ant B_LTE Band 7	AG1: Ant F_NR Band n25	0.416	0.278	0.694	155.77	0
AG0: Ant B_LTE Band 7	AG1: Ant F_NR Band n30	0.416	0.293	0.709	162.54	0
AG0: Ant B_LTE Band 7	AG1: Ant F_NR Band n48	0.416	0.438	0.854	157.4	0.01
AG0: Ant B_LTE Band 7	AG1: Ant F_NR Band n66	0.416	0.272	0.688	158.42	0
AG0: Ant B_LTE Band 7	AG1: Ant G_5 GHz WIFI	0.416	0.403	0.819	144.87	0.01
AG0: Ant B_LTE Band 7	AG1: Ant H_2.4 GHz Bluetooth	0.416	0.273	0.689	136.44	0
AG0: Ant B_LTE Band 7	AG1: Ant H_2.4 GHz WIFI	0.416	0.253	0.669	141.68	0
AG0: Ant B_LTE Band 7	AG1: Ant I_NR Band n48	0.416	0.214	0.63	112.6	0
AG0: Ant B_LTE Band 7	AG1: Ant MIMO_2.4 GHz WIFI	0.416	0.273	0.689	151.03	0
AG0: Ant B_LTE Band 7	AG1: Ant MIMO_5 GHz WIFI	0.416	0.329	0.745	151.39	0
AG0: Ant B_NR Band n30	AG1: Ant E_GSM 850	0.581	0.575	1.156	166.83	0.01
AG0: Ant B_NR Band n30	AG1: Ant E_LTE Band 12	0.581	0.281	0.862	165.73	0
AG0: Ant B_NR Band n30	AG1: Ant E_LTE Band 13	0.581	0.273	0.854	166.58	0
AG0: Ant B_NR Band n30	AG1: Ant E_LTE Band 14	0.581	0.369	0.95	165.78	0.01
AG0: Ant B_NR Band n30	AG1: Ant E_LTE Band 26	0.581	0.428	1.009	165.73	0.01
AG0: Ant B_NR Band n30	AG1: Ant E_LTE Band 71	0.581	0.343	0.924	163.64	0.01
AG0: Ant B_NR Band n30	AG1: Ant E_NR Band n5	0.581	0.359	0.94	162.85	0.01
AG0: Ant B_NR Band n30	AG1: Ant E_NR Band n71	0.581	0.348	0.929	162	0.01
AG0: Ant B_NR Band n30	AG1: Ant E_UMTS 850	0.581	0.409	0.99	167.64	0.01
AG0: Ant B_NR Band n30	AG1: Ant F_LTE Band 25	0.581	0.276	0.857	157.54	0.01
AG0: Ant B_NR Band n30	AG1: Ant F_LTE Band 30	0.581	0.191	0.772	156.95	0
AG0: Ant B_NR Band n30	AG1: Ant F_LTE Band 41	0.581	0.326	0.907	153.9	0.01
AG0: Ant B_NR Band n30	AG1: Ant F_LTE Band 48	0.581	0.354	0.935	157.6	0.01
AG0: Ant B_NR Band n30	AG1: Ant F_LTE Band 66	0.581	0.26	0.841	153.74	0.01
AG0: Ant B_NR Band n30	AG1: Ant F_LTE Band 7	0.581	0.322	0.903	156.82	0.01
AG0: Ant B_NR Band n30	AG1: Ant F_NR Band n25	0.581	0.278	0.859	154.91	0.01
AG0: Ant B_NR Band n30	AG1: Ant F_NR Band n30	0.581	0.293	0.874	161.82	0.01
AG0: Ant B_NR Band n30	AG1: Ant F_NR Band n48	0.581	0.438	1.019	156.63	0.01
AG0: Ant B_NR Band n30	AG1: Ant F_NR Band n66	0.581	0.272	0.853	157.6	0
AG0: Ant B_NR Band n30	AG1: Ant F_NR Band n70	0.581	0.196	0.777	158.6	0
AG0: Ant B_NR Band n30	AG1: Ant F_NR Band n77	0.581	0.203	0.784	159.4	0
AG0: Ant B_NR Band n30	AG1: Ant G_5 GHz WIFI	0.581	0.403	0.984	143.7	0.01
AG0: Ant B_NR Band n30	AG1: Ant G_6 GHz WIFI	0.581	0.105	0.686	152.63	0
AG0: Ant B_NR Band n30	AG1: Ant H_2.4 GHz Bluetooth	0.581	0.273	0.854	135.24	0.01
AG0: Ant B_NR Band n30	AG1: Ant H_2.4 GHz WIFI	0.581	0.253	0.834	140.64	0.01
AG0: Ant B_NR Band n30	AG1: Ant I_NR Band n48	0.581	0.214	0.795	111.5	0.01
AG0: Ant B_NR Band n30	AG1: Ant I_NR Band n77	0.581	0.089	0.67	110.34	0
AG0: Ant B_NR Band n30	AG1: Ant MIMO_2.4 GHz WIFI	0.581	0.273	0.854	150.1	0.01
AG0: Ant B_NR Band n30	AG1: Ant MIMO_5 GHz WIFI	0.581	0.329	0.91	150.25	0.01
AG0: Ant B_NR Band n30	AG1: Ant MIMO_6 GHz WIFI	0.581	0.084	0.665	164.11	0

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AGO Band/Antenna	AG1 Band/Antenna	AGO ER	AG1 ER	Standalone Sum ER	Distance (mm)	SPLSR
AGO: Ant B, NR Band n41	AG1: Ant E, GSM 850	0.591	0.575	1.166	167.61	0.01
AGO: Ant B, NR Band n41	AG1: Ant E, LTE Band 12	0.591	0.281	0.872	166.5	0
AGO: Ant B, NR Band n41	AG1: Ant E, LTE Band 13	0.591	0.273	0.864	167.35	0
AGO: Ant B, NR Band n41	AG1: Ant E, LTE Band 14	0.591	0.369	0.96	166.56	0.01
AGO: Ant B, NR Band n41	AG1: Ant E, LTE Band 26	0.591	0.428	1.019	166.5	0.01
AGO: Ant B, NR Band n41	AG1: Ant E, LTE Band 71	0.591	0.343	0.934	164.41	0.01
AGO: Ant B, NR Band n41	AG1: Ant E, NR Band n5	0.591	0.359	0.95	163.65	0.01
AGO: Ant B, NR Band n41	AG1: Ant E, NR Band n71	0.591	0.348	0.939	162.8	0.01
AGO: Ant B, NR Band n41	AG1: Ant E, UMTS 850	0.591	0.409	1	168.41	0.01
AGO: Ant B, NR Band n41	AG1: Ant F, LTE Band 25	0.591	0.276	0.867	158.42	0.01
AGO: Ant B, NR Band n41	AG1: Ant F, LTE Band 30	0.591	0.191	0.782	157.87	0
AGO: Ant B, NR Band n41	AG1: Ant F, LTE Band 41	0.591	0.326	0.917	154.8	0.01
AGO: Ant B, NR Band n41	AG1: Ant F, LTE Band 48	0.591	0.354	0.945	158.5	0.01
AGO: Ant B, NR Band n41	AG1: Ant F, LTE Band 66	0.591	0.26	0.851	154.62	0.01
AGO: Ant B, NR Band n41	AG1: Ant F, LTE Band 7	0.591	0.322	0.913	157.74	0.01
AGO: Ant B, NR Band n41	AG1: Ant F, NR Band n25	0.591	0.278	0.869	155.82	0.01
AGO: Ant B, NR Band n41	AG1: Ant F, NR Band n30	0.591	0.293	0.884	162.7	0.01
AGO: Ant B, NR Band n41	AG1: Ant F, NR Band n48	0.591	0.438	1.029	157.52	0.01
AGO: Ant B, NR Band n41	AG1: Ant F, NR Band n66	0.591	0.272	0.863	158.5	0.01
AGO: Ant B, NR Band n41	AG1: Ant F, NR Band n70	0.591	0.196	0.787	159.5	0
AGO: Ant B, NR Band n41	AG1: Ant F, NR Band n77	0.591	0.203	0.794	160.3	0
AGO: Ant B, NR Band n41	AG1: Ant G, 5 GHz WIFI	0.591	0.403	0.994	144.67	0.01
AGO: Ant B, NR Band n41	AG1: Ant G, 6 GHz WIFI	0.591	0.105	0.696	153.57	0
AGO: Ant B, NR Band n41	AG1: Ant H, 2.4 GHz Bluetooth	0.591	0.273	0.864	136.22	0.01
AGO: Ant B, NR Band n41	AG1: Ant H, 2.4 GHz WIFI	0.591	0.253	0.844	141.58	0.01
AGO: Ant B, NR Band n41	AG1: Ant I, NR Band n48	0.591	0.214	0.805	112.46	0.01
AGO: Ant B, NR Band n41	AG1: Ant I, NR Band n77	0.591	0.089	0.68	111.29	0.01
AGO: Ant B, NR Band n41	AG1: Ant MIMO, 2.4 GHz WIFI	0.591	0.273	0.864	151.03	0.01
AGO: Ant B, NR Band n41	AG1: Ant MIMO, 5 GHz WIFI	0.591	0.329	0.92	151.21	0.01
AGO: Ant B, NR Band n41	AG1: Ant MIMO, 6 GHz WIFI	0.591	0.084	0.675	164.85	0
AGO: Ant C, NR Band n48	AG1: Ant E, GSM 850	0.34	0.575	0.915	149.51	0.01
AGO: Ant C, NR Band n48	AG1: Ant E, LTE Band 14	0.34	0.369	0.709	148.53	0
AGO: Ant C, NR Band n48	AG1: Ant E, LTE Band 26	0.34	0.428	0.768	148.66	0
AGO: Ant C, NR Band n48	AG1: Ant E, LTE Band 71	0.34	0.343	0.683	146.71	0
AGO: Ant C, NR Band n48	AG1: Ant E, NR Band n5	0.34	0.359	0.699	145.24	0
AGO: Ant C, NR Band n48	AG1: Ant E, NR Band n71	0.34	0.348	0.688	144.09	0
AGO: Ant C, NR Band n48	AG1: Ant E, UMTS 850	0.34	0.409	0.749	150.83	0
AGO: Ant C, NR Band n48	AG1: Ant F, LTE Band 41	0.34	0.326	0.666	133.04	0
AGO: Ant C, NR Band n48	AG1: Ant F, LTE Band 48	0.34	0.354	0.694	136.7	0
AGO: Ant C, NR Band n48	AG1: Ant F, LTE Band 7	0.34	0.322	0.662	135.45	0
AGO: Ant C, NR Band n48	AG1: Ant F, NR Band n30	0.34	0.293	0.633	141.51	0
AGO: Ant C, NR Band n48	AG1: Ant F, NR Band n48	0.34	0.438	0.778	135.95	0.01
AGO: Ant C, NR Band n48	AG1: Ant G, 5 GHz WIFI	0.34	0.403	0.743	120.41	0.01
AGO: Ant C, NR Band n48	AG1: Ant MIMO, 5 GHz WIFI	0.34	0.329	0.669	127.1	0
AGO: Ant C, NR Band n77	AG1: Ant E, GSM 850	0.134	0.575	0.709	148.5	0
AGO: Ant D, NR Band n48	AG1: Ant E, GSM 850	0.374	0.575	0.949	155.4	0.01
AGO: Ant D, NR Band n48	AG1: Ant E, LTE Band 12	0.374	0.281	0.655	154	0
AGO: Ant D, NR Band n48	AG1: Ant E, LTE Band 13	0.374	0.273	0.647	154.44	0
AGO: Ant D, NR Band n48	AG1: Ant E, LTE Band 14	0.374	0.369	0.743	154.3	0
AGO: Ant D, NR Band n48	AG1: Ant E, LTE Band 26	0.374	0.428	0.802	154	0
AGO: Ant D, NR Band n48	AG1: Ant E, LTE Band 71	0.374	0.343	0.717	151.81	0
AGO: Ant D, NR Band n48	AG1: Ant E, NR Band n5	0.374	0.359	0.733	151.94	0
AGO: Ant D, NR Band n48	AG1: Ant E, NR Band n71	0.374	0.348	0.722	151.51	0
AGO: Ant D, NR Band n48	AG1: Ant E, UMTS 850	0.374	0.409	0.783	155.54	0
AGO: Ant D, NR Band n48	AG1: Ant F, LTE Band 25	0.374	0.276	0.65	151.04	0
AGO: Ant D, NR Band n48	AG1: Ant F, LTE Band 41	0.374	0.326	0.7	147.93	0
AGO: Ant D, NR Band n48	AG1: Ant F, LTE Band 48	0.374	0.354	0.728	151.56	0
AGO: Ant D, NR Band n48	AG1: Ant F, LTE Band 66	0.374	0.26	0.634	147.32	0
AGO: Ant D, NR Band n48	AG1: Ant F, LTE Band 7	0.374	0.322	0.696	151.57	0
AGO: Ant D, NR Band n48	AG1: Ant F, NR Band n25	0.374	0.278	0.652	149.48	0
AGO: Ant D, NR Band n48	AG1: Ant F, NR Band n30	0.374	0.293	0.667	154.73	0
AGO: Ant D, NR Band n48	AG1: Ant F, NR Band n48	0.374	0.438	0.812	150.26	0
AGO: Ant D, NR Band n48	AG1: Ant F, NR Band n66	0.374	0.272	0.646	151.77	0
AGO: Ant D, NR Band n48	AG1: Ant G, 5 GHz WIFI	0.374	0.403	0.777	142.19	0
AGO: Ant D, NR Band n48	AG1: Ant H, 2.4 GHz Bluetooth	0.374	0.273	0.647	134.16	0
AGO: Ant D, NR Band n48	AG1: Ant H, 2.4 GHz WIFI	0.374	0.253	0.627	137.65	0
AGO: Ant D, NR Band n48	AG1: Ant MIMO, 2.4 GHz WIFI	0.374	0.273	0.647	145.59	0
AGO: Ant D, NR Band n77	AG1: Ant MIMO, 5 GHz WIFI	0.374	0.329	0.703	148.25	0
AGO: Ant D, NR Band n77	AG1: Ant E, GSM 850	0.573	0.575	1.148	154.61	0.01
AGO: Ant D, NR Band n77	AG1: Ant E, LTE Band 12	0.573	0.281	0.854	153.2	0.01
AGO: Ant D, NR Band n77	AG1: Ant E, LTE Band 13	0.573	0.273	0.846	153.62	0.01
AGO: Ant D, NR Band n77	AG1: Ant E, LTE Band 14	0.573	0.369	0.942	153.5	0.01
AGO: Ant D, NR Band n77	AG1: Ant E, LTE Band 26	0.573	0.428	1.001	153.2	0.01
AGO: Ant D, NR Band n77	AG1: Ant E, LTE Band 71	0.573	0.343	0.916	151	0.01
AGO: Ant D, NR Band n77	AG1: Ant E, NR Band n5	0.573	0.359	0.932	151.17	0.01
AGO: Ant D, NR Band n77	AG1: Ant E, NR Band n71	0.573	0.348	0.921	150.75	0.01
AGO: Ant D, NR Band n77	AG1: Ant E, UMTS 850	0.573	0.409	0.982	154.72	0.01
AGO: Ant D, NR Band n77	AG1: Ant F, LTE Band 25	0.573	0.276	0.849	150.43	0.01
AGO: Ant D, NR Band n77	AG1: Ant F, LTE Band 30	0.573	0.191	0.764	151.38	0
AGO: Ant D, NR Band n77	AG1: Ant F, LTE Band 41	0.573	0.326	0.899	147.34	0.01
AGO: Ant D, NR Band n77	AG1: Ant F, LTE Band 48	0.573	0.354	0.927	150.97	0.01
AGO: Ant D, NR Band n77	AG1: Ant F, LTE Band 66	0.573	0.26	0.833	146.72	0.01
AGO: Ant D, NR Band n77	AG1: Ant F, LTE Band 7	0.573	0.322	0.895	151.01	0.01
AGO: Ant D, NR Band n77	AG1: Ant F, NR Band n25	0.573	0.278	0.851	148.91	0.01
AGO: Ant D, NR Band n77	AG1: Ant F, NR Band n30	0.573	0.293	0.866	154.09	0.01
AGO: Ant D, NR Band n77	AG1: Ant F, NR Band n48	0.573	0.438	1.011	149.66	0.01
AGO: Ant D, NR Band n77	AG1: Ant F, NR Band n66	0.573	0.272	0.845	151.19	0.01
AGO: Ant D, NR Band n77	AG1: Ant F, NR Band n70	0.573	0.196	0.769	152.29	0
AGO: Ant D, NR Band n77	AG1: Ant F, NR Band n77	0.573	0.203	0.776	152.95	0
AGO: Ant D, NR Band n77	AG1: Ant G, 5 GHz WIFI	0.573	0.403	0.976	141.78	0.01
AGO: Ant D, NR Band n77	AG1: Ant G, 6 GHz WIFI	0.573	0.105	0.678	148.74	0
AGO: Ant D, NR Band n77	AG1: Ant H, 2.4 GHz Bluetooth	0.573	0.273	0.846	133.78	0.01
AGO: Ant D, NR Band n77	AG1: Ant H, 2.4 GHz WIFI	0.573	0.253	0.826	137.19	0.01
AGO: Ant D, NR Band n77	AG1: Ant I, NR Band n48	0.573	0.214	0.787	109.56	0.01
AGO: Ant D, NR Band n77	AG1: Ant I, NR Band n77	0.573	0.089	0.662	108.24	0
AGO: Ant D, NR Band n77	AG1: Ant MIMO, 2.4 GHz WIFI	0.573	0.273	0.846	145.07	0.01
AGO: Ant D, NR Band n77	AG1: Ant MIMO, 5 GHz WIFI	0.573	0.329	0.902	147.82	0.01
AGO: Ant D, NR Band n77	AG1: Ant MIMO, 6 GHz WIFI	0.573	0.084	0.657	150.18	0
AGO: Ant B, LTE Band 41	AG1: Ant F, NR Band n70	0.428	0.196	0.624	162.21	N/A

Note: The light gray highlighted row shows the worst case sum of all AG combinations under 1W/kg. Since the sum of these combinations is less than or equal to 1 W/kg (SAR design target for this EUT), therefore no further analysis is needed.

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Front						
AG0 Band/Antenna	AG1 Band/Antenna	AG0 ER	AG1 ER	Standalone Sum ER	Distance (mm)	SPLSR
AG0: Ant A, GSM 1900	AG1: Ant E, GSM 850	0.473	0.369	0.842	176.68	0
AG0: Ant A, GSM 1900	AG1: Ant E, LTE Band 12	0.473	0.195	0.668	179.31	0
AG0: Ant A, GSM 1900	AG1: Ant E, LTE Band 13	0.473	0.22	0.693	179.16	0
AG0: Ant A, GSM 1900	AG1: Ant E, LTE Band 14	0.473	0.282	0.755	178.24	0
AG0: Ant A, GSM 1900	AG1: Ant E, LTE Band 26	0.473	0.333	0.806	179.16	0
AG0: Ant A, GSM 1900	AG1: Ant E, LTE Band 71	0.473	0.279	0.752	173.4	0
AG0: Ant A, GSM 1900	AG1: Ant E, NR Band n5	0.473	0.257	0.73	176.25	0
AG0: Ant A, GSM 1900	AG1: Ant E, NR Band n71	0.473	0.258	0.731	176.82	0
AG0: Ant A, GSM 1900	AG1: Ant E, UMTS 850	0.473	0.331	0.804	177.46	0
AG0: Ant A, GSM 1900	AG1: Ant F, LTE Band 25	0.473	0.178	0.651	171.91	0
AG0: Ant A, GSM 1900	AG1: Ant F, LTE Band 41	0.473	0.198	0.671	168.91	0
AG0: Ant A, GSM 1900	AG1: Ant F, LTE Band 48	0.473	0.174	0.647	171.9	0
AG0: Ant A, GSM 1900	AG1: Ant F, LTE Band 66	0.473	0.184	0.657	170.48	0
AG0: Ant A, GSM 1900	AG1: Ant F, LTE Band 7	0.473	0.216	0.689	171.77	0
AG0: Ant A, GSM 1900	AG1: Ant F, NR Band n25	0.473	0.173	0.646	172.92	0
AG0: Ant A, GSM 1900	AG1: Ant F, NR Band n30	0.473	0.241	0.714	171.41	0
AG0: Ant A, GSM 1900	AG1: Ant F, NR Band n48	0.473	0.198	0.671	170.32	0
AG0: Ant A, GSM 1900	AG1: Ant F, NR Band n66	0.473	0.172	0.645	173.08	0
AG0: Ant A, GSM 1900	AG1: Ant F, NR Band n70	0.473	0.157	0.63	174.9	0
AG0: Ant A, GSM 1900	AG1: Ant G, 5 GHz WIFI	0.473	0.346	0.819	157.53	0
AG0: Ant A, GSM 1900	AG1: Ant H, 2.4 GHz Bluetooth	0.473	0.171	0.644	149.1	0
AG0: Ant A, GSM 1900	AG1: Ant I, NR Band n48	0.473	0.203	0.676	125.89	0
AG0: Ant A, GSM 1900	AG1: Ant MIMO, 5 GHz WIFI	0.473	0.251	0.724	158.56	0
AG0: Ant A, GSM 1900	AG1: Ant MIMO, 6 GHz WIFI	0.473	0.163	0.636	146.12	0
AG0: Ant A, GSM 850	AG1: Ant E, GSM 850	0.36	0.369	0.729	165.32	0
AG0: Ant A, GSM 850	AG1: Ant E, LTE Band 14	0.36	0.282	0.642	166.66	0
AG0: Ant A, GSM 850	AG1: Ant E, LTE Band 26	0.36	0.333	0.693	167.65	0
AG0: Ant A, GSM 850	AG1: Ant E, LTE Band 71	0.36	0.279	0.639	161.49	0
AG0: Ant A, GSM 850	AG1: Ant E, UMTS 850	0.36	0.331	0.691	166	0
AG0: Ant A, GSM 850	AG1: Ant G, 5 GHz WIFI	0.36	0.346	0.706	138.9	0
AG0: Ant A, LTE Band 12	AG1: Ant E, GSM 850	0.334	0.369	0.703	172.11	0
AG0: Ant A, LTE Band 12	AG1: Ant E, LTE Band 26	0.334	0.333	0.667	174.5	0
AG0: Ant A, LTE Band 12	AG1: Ant E, UMTS 850	0.334	0.331	0.665	172.83	0
AG0: Ant A, LTE Band 12	AG1: Ant G, 5 GHz WIFI	0.334	0.346	0.68	148.19	0
AG0: Ant A, LTE Band 13	AG1: Ant E, GSM 850	0.299	0.369	0.668	172.11	0
AG0: Ant A, LTE Band 13	AG1: Ant E, LTE Band 26	0.299	0.333	0.632	174.5	0
AG0: Ant A, LTE Band 13	AG1: Ant E, UMTS 850	0.299	0.331	0.63	172.83	0
AG0: Ant A, LTE Band 13	AG1: Ant G, 5 GHz WIFI	0.299	0.346	0.645	148.19	0
AG0: Ant A, LTE Band 14	AG1: Ant E, GSM 850	0.293	0.369	0.662	173.19	0
AG0: Ant A, LTE Band 14	AG1: Ant E, LTE Band 26	0.293	0.333	0.626	175.58	0
AG0: Ant A, LTE Band 14	AG1: Ant G, 5 GHz WIFI	0.293	0.346	0.639	149.29	0
AG0: Ant A, LTE Band 25	AG1: Ant E, GSM 850	0.589	0.369	0.958	176.37	0.01
AG0: Ant A, LTE Band 25	AG1: Ant E, LTE Band 12	0.589	0.195	0.784	178.95	0
AG0: Ant A, LTE Band 25	AG1: Ant E, LTE Band 13	0.589	0.22	0.809	178.84	0
AG0: Ant A, LTE Band 25	AG1: Ant E, LTE Band 14	0.589	0.282	0.871	177.92	0
AG0: Ant A, LTE Band 25	AG1: Ant E, LTE Band 26	0.589	0.333	0.922	178.84	0
AG0: Ant A, LTE Band 25	AG1: Ant E, LTE Band 71	0.589	0.279	0.868	173.04	0
AG0: Ant A, LTE Band 25	AG1: Ant E, NR Band n5	0.589	0.257	0.846	176	0
AG0: Ant A, LTE Band 25	AG1: Ant E, NR Band n71	0.589	0.258	0.847	176.53	0
AG0: Ant A, LTE Band 25	AG1: Ant E, UMTS 850	0.589	0.331	0.92	171.15	0
AG0: Ant A, LTE Band 25	AG1: Ant F, LTE Band 25	0.589	0.178	0.767	171.12	0
AG0: Ant A, LTE Band 25	AG1: Ant F, LTE Band 30	0.589	0.144	0.733	169.27	0
AG0: Ant A, LTE Band 25	AG1: Ant F, LTE Band 41	0.589	0.198	0.787	168.12	0
AG0: Ant A, LTE Band 25	AG1: Ant F, LTE Band 48	0.589	0.174	0.763	171.17	0
AG0: Ant A, LTE Band 25	AG1: Ant F, LTE Band 66	0.589	0.184	0.773	169.67	0
AG0: Ant A, LTE Band 25	AG1: Ant F, LTE Band 7	0.589	0.216	0.805	171.1	0
AG0: Ant A, LTE Band 25	AG1: Ant F, NR Band n25	0.589	0.173	0.762	172.44	0
AG0: Ant A, LTE Band 25	AG1: Ant F, NR Band n30	0.589	0.241	0.83	170.64	0
AG0: Ant A, LTE Band 25	AG1: Ant F, NR Band n48	0.589	0.198	0.787	169.55	0
AG0: Ant A, LTE Band 25	AG1: Ant F, NR Band n66	0.589	0.172	0.761	172.53	0
AG0: Ant A, LTE Band 25	AG1: Ant F, NR Band n70	0.589	0.157	0.746	174.16	0
AG0: Ant A, LTE Band 25	AG1: Ant F, NR Band n77	0.589	0.112	0.701	170.29	0
AG0: Ant A, LTE Band 25	AG1: Ant G, 5 GHz WIFI	0.589	0.346	0.935	156.48	0.01
AG0: Ant A, LTE Band 25	AG1: Ant G, 6 GHz WIFI	0.589	0.149	0.738	149.59	0
AG0: Ant A, LTE Band 25	AG1: Ant H, 2.4 GHz Bluetooth	0.589	0.171	0.76	147.99	0
AG0: Ant A, LTE Band 25	AG1: Ant H, 2.4 GHz WIFI	0.589	0.142	0.731	146.2	0
AG0: Ant A, LTE Band 25	AG1: Ant I, NR Band n48	0.589	0.203	0.792	124.78	0.01
AG0: Ant A, LTE Band 25	AG1: Ant I, NR Band n77	0.589	0.096	0.685	123.74	0
AG0: Ant A, LTE Band 25	AG1: Ant MIMO, 2.4 GHz WIFI	0.589	0.13	0.719	156.12	0
AG0: Ant A, LTE Band 25	AG1: Ant MIMO, 5 GHz WIFI	0.589	0.251	0.84	157.37	0
AG0: Ant A, LTE Band 25	AG1: Ant MIMO, 6 GHz WIFI	0.589	0.163	0.752	145.15	0
AG0: Ant A, LTE Band 26	AG1: Ant E, GSM 850	0.289	0.369	0.658	170.67	0
AG0: Ant A, LTE Band 26	AG1: Ant G, 5 GHz WIFI	0.289	0.346	0.635	146.02	0
AG0: Ant A, LTE Band 66	AG1: Ant E, GSM 850	0.596	0.369	0.965	176.91	0.01
AG0: Ant A, LTE Band 66	AG1: Ant E, LTE Band 12	0.596	0.195	0.791	179.44	0
AG0: Ant A, LTE Band 66	AG1: Ant E, LTE Band 13	0.596	0.22	0.816	179.37	0
AG0: Ant A, LTE Band 66	AG1: Ant E, LTE Band 14	0.596	0.282	0.878	178.44	0
AG0: Ant A, LTE Band 66	AG1: Ant E, LTE Band 26	0.596	0.333	0.929	179.37	0
AG0: Ant A, LTE Band 66	AG1: Ant E, LTE Band 71	0.596	0.279	0.875	173.53	0
AG0: Ant A, LTE Band 66	AG1: Ant E, NR Band n5	0.596	0.257	0.853	176.6	0
AG0: Ant A, LTE Band 66	AG1: Ant E, NR Band n71	0.596	0.258	0.854	177.09	0
AG0: Ant A, LTE Band 66	AG1: Ant E, UMTS 850	0.596	0.331	0.927	177.68	0.01
AG0: Ant A, LTE Band 66	AG1: Ant F, LTE Band 25	0.596	0.178	0.774	171.15	0
AG0: Ant A, LTE Band 66	AG1: Ant F, LTE Band 30	0.596	0.144	0.74	169.38	0
AG0: Ant A, LTE Band 66	AG1: Ant F, LTE Band 41	0.596	0.198	0.794	168.15	0
AG0: Ant A, LTE Band 66	AG1: Ant F, LTE Band 48	0.596	0.174	0.77	171.26	0
AG0: Ant A, LTE Band 66	AG1: Ant F, LTE Band 66	0.596	0.184	0.78	169.68	0
AG0: Ant A, LTE Band 66	AG1: Ant F, LTE Band 7	0.596	0.216	0.812	171.26	0
AG0: Ant A, LTE Band 66	AG1: Ant F, NR Band n25	0.596	0.173	0.769	172.8	0
AG0: Ant A, LTE Band 66	AG1: Ant F, NR Band n30	0.596	0.241	0.837	170.7	0
AG0: Ant A, LTE Band 66	AG1: Ant F, NR Band n48	0.596	0.198	0.794	169.61	0
AG0: Ant A, LTE Band 66	AG1: Ant F, NR Band n66	0.596	0.172	0.768	172.81	0
AG0: Ant A, LTE Band 66	AG1: Ant F, NR Band n70	0.596	0.157	0.753	174.24	0
AG0: Ant A, LTE Band 66	AG1: Ant F, NR Band n77	0.596	0.112	0.708	170.32	0
AG0: Ant A, LTE Band 66	AG1: Ant G, 5 GHz WIFI	0.596	0.346	0.942	156.23	0.01
AG0: Ant A, LTE Band 66	AG1: Ant G, 6 GHz WIFI	0.596	0.149	0.745	149.31	0
AG0: Ant A, LTE Band 66	AG1: Ant H, 2.4 GHz Bluetooth	0.596	0.171	0.767	147.67	0
AG0: Ant A, LTE Band 66	AG1: Ant H, 2.4 GHz WIFI	0.596	0.142	0.738	145.76	0
AG0: Ant A, LTE Band 66	AG1: Ant I, NR Band n48	0.596	0.203	0.799	124.47	0.01
AG0: Ant A, LTE Band 66	AG1: Ant I, NR Band n77	0.596	0.096	0.692	123.35	0
AG0: Ant A, LTE Band 66	AG1: Ant MIMO, 2.4 GHz WIFI	0.596	0.13	0.726	155.8	0
AG0: Ant A, LTE Band 66	AG1: Ant MIMO, 5 GHz WIFI	0.596	0.251	0.847	156.96	0
AG0: Ant A, LTE Band 66	AG1: Ant MIMO, 6 GHz WIFI	0.596	0.163	0.759	144.99	0

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AG0 Band/Antenna	AG1 Band/Antenna	Front			Distance (mm)	SPLSR
		AG0 ER	AG1 ER	Standalone Sum ER		
AG0: Ant A, LTE Band 71	AG1: Ant E, GSM 850	0.306	0.369	0.675	175.16	0
AG0: Ant A, LTE Band 71	AG1: Ant E, LTE Band 26	0.306	0.333	0.639	177.59	0
AG0: Ant A, LTE Band 71	AG1: Ant E, UMTS 850	0.306	0.331	0.637	175.91	0
AG0: Ant A, LTE Band 71	AG1: Ant G, 5 GHz WIFI	0.306	0.346	0.652	153.17	0
AG0: Ant A, NR Band n25	AG1: Ant E, GSM 850	0.404	0.369	0.773	171.26	0
AG0: Ant A, NR Band n25	AG1: Ant E, LTE Band 14	0.404	0.282	0.686	172.81	0
AG0: Ant A, NR Band n25	AG1: Ant E, LTE Band 26	0.404	0.333	0.737	173.73	0
AG0: Ant A, NR Band n25	AG1: Ant E, LTE Band 71	0.404	0.279	0.683	167.94	0
AG0: Ant A, NR Band n25	AG1: Ant E, NR Band n5	0.404	0.257	0.661	170.89	0
AG0: Ant A, NR Band n25	AG1: Ant E, NR Band n71	0.404	0.258	0.662	171.42	0
AG0: Ant A, NR Band n25	AG1: Ant E, UMTS 850	0.404	0.331	0.735	172.03	0
AG0: Ant A, NR Band n25	AG1: Ant F, NR Band n30	0.404	0.241	0.645	165.65	0
AG0: Ant A, NR Band n25	AG1: Ant G, 5 GHz WIFI	0.404	0.346	0.75	151.65	0
AG0: Ant A, NR Band n25	AG1: Ant MIMO, 5 GHz WIFI	0.404	0.251	0.655	152.64	0
AG0: Ant A, NR Band n5	AG1: Ant E, GSM 850	0.38	0.369	0.749	166.36	0
AG0: Ant A, NR Band n5	AG1: Ant E, LTE Band 14	0.38	0.282	0.662	167.71	0
AG0: Ant A, NR Band n5	AG1: Ant E, LTE Band 26	0.38	0.333	0.713	168.7	0
AG0: Ant A, NR Band n5	AG1: Ant E, LTE Band 71	0.38	0.279	0.659	162.54	0
AG0: Ant A, NR Band n5	AG1: Ant E, NR Band n5	0.38	0.257	0.637	166.57	0
AG0: Ant A, NR Band n5	AG1: Ant E, NR Band n71	0.38	0.258	0.638	166.68	0
AG0: Ant A, NR Band n5	AG1: Ant E, UMTS 850	0.38	0.331	0.711	167.04	0
AG0: Ant A, NR Band n5	AG1: Ant G, 5 GHz WIFI	0.38	0.346	0.726	140.02	0
AG0: Ant A, NR Band n5	AG1: Ant MIMO, 5 GHz WIFI	0.38	0.251	0.631	139.69	0
AG0: Ant A, NR Band n66	AG1: Ant E, GSM 850	0.527	0.369	0.896	172.94	0
AG0: Ant A, NR Band n66	AG1: Ant E, LTE Band 12	0.527	0.195	0.722	175.49	0
AG0: Ant A, NR Band n66	AG1: Ant E, LTE Band 13	0.527	0.22	0.747	175.4	0
AG0: Ant A, NR Band n66	AG1: Ant E, LTE Band 14	0.527	0.282	0.809	174.47	0
AG0: Ant A, NR Band n66	AG1: Ant E, LTE Band 26	0.527	0.333	0.86	175.4	0
AG0: Ant A, NR Band n66	AG1: Ant E, LTE Band 71	0.527	0.279	0.806	169.58	0
AG0: Ant A, NR Band n66	AG1: Ant E, NR Band n5	0.527	0.257	0.784	172.61	0
AG0: Ant A, NR Band n66	AG1: Ant E, NR Band n71	0.527	0.258	0.785	173.11	0
AG0: Ant A, NR Band n66	AG1: Ant E, UMTS 850	0.527	0.331	0.858	173.71	0
AG0: Ant A, NR Band n66	AG1: Ant F, LTE Band 25	0.527	0.178	0.705	167.47	0
AG0: Ant A, NR Band n66	AG1: Ant F, LTE Band 30	0.527	0.144	0.671	165.65	0
AG0: Ant A, NR Band n66	AG1: Ant F, LTE Band 41	0.527	0.198	0.725	164.47	0
AG0: Ant A, NR Band n66	AG1: Ant F, LTE Band 48	0.527	0.174	0.701	167.54	0
AG0: Ant A, NR Band n66	AG1: Ant F, LTE Band 66	0.527	0.184	0.711	166.02	0
AG0: Ant A, NR Band n66	AG1: Ant F, LTE Band 7	0.527	0.216	0.743	167.49	0
AG0: Ant A, NR Band n66	AG1: Ant F, NR Band n25	0.527	0.173	0.7	168.92	0
AG0: Ant A, NR Band n66	AG1: Ant F, NR Band n30	0.527	0.241	0.768	167	0
AG0: Ant A, NR Band n66	AG1: Ant F, NR Band n48	0.527	0.198	0.725	165.91	0
AG0: Ant A, NR Band n66	AG1: Ant F, NR Band n66	0.527	0.172	0.699	168.97	0
AG0: Ant A, NR Band n66	AG1: Ant F, NR Band n70	0.527	0.157	0.684	170.52	0
AG0: Ant A, NR Band n66	AG1: Ant F, NR Band n77	0.527	0.112	0.639	166.64	0
AG0: Ant A, NR Band n66	AG1: Ant G, 5 GHz WIFI	0.527	0.346	0.873	152.77	0.01
AG0: Ant A, NR Band n66	AG1: Ant G, 6 GHz WIFI	0.527	0.149	0.676	145.87	0
AG0: Ant A, NR Band n66	AG1: Ant H, 2.4 GHz Bluetooth	0.527	0.171	0.698	144.27	0
AG0: Ant A, NR Band n66	AG1: Ant H, 2.4 GHz WIFI	0.527	0.142	0.669	142.46	0
AG0: Ant A, NR Band n66	AG1: Ant I, NR Band n48	0.527	0.203	0.73	121.06	0.01
AG0: Ant A, NR Band n66	AG1: Ant MIMO, 2.4 GHz WIFI	0.527	0.13	0.657	152.4	0
AG0: Ant A, NR Band n66	AG1: Ant MIMO, 5 GHz WIFI	0.527	0.251	0.778	153.64	0
AG0: Ant A, NR Band n66	AG1: Ant MIMO, 6 GHz WIFI	0.527	0.163	0.69	141.45	0
AG0: Ant A, NR Band n70	AG1: Ant E, GSM 850	0.478	0.369	0.847	170.68	0
AG0: Ant A, NR Band n70	AG1: Ant E, LTE Band 12	0.478	0.195	0.673	173.21	0
AG0: Ant A, NR Band n70	AG1: Ant E, LTE Band 13	0.478	0.22	0.698	173.16	0
AG0: Ant A, NR Band n70	AG1: Ant E, LTE Band 14	0.478	0.282	0.76	172.24	0
AG0: Ant A, NR Band n70	AG1: Ant E, LTE Band 26	0.478	0.333	0.811	173.16	0
AG0: Ant A, NR Band n70	AG1: Ant E, LTE Band 71	0.478	0.279	0.757	167.41	0
AG0: Ant A, NR Band n70	AG1: Ant E, NR Band n5	0.478	0.257	0.735	170.25	0
AG0: Ant A, NR Band n70	AG1: Ant E, NR Band n71	0.478	0.258	0.736	170.82	0
AG0: Ant A, NR Band n70	AG1: Ant E, UMTS 850	0.478	0.331	0.809	171.46	0
AG0: Ant A, NR Band n70	AG1: Ant F, LTE Band 25	0.478	0.178	0.656	165.99	0
AG0: Ant A, NR Band n70	AG1: Ant F, LTE Band 41	0.478	0.198	0.676	162.99	0
AG0: Ant A, NR Band n70	AG1: Ant F, LTE Band 48	0.478	0.174	0.652	165.96	0
AG0: Ant A, NR Band n70	AG1: Ant F, LTE Band 66	0.478	0.184	0.662	164.57	0
AG0: Ant A, NR Band n70	AG1: Ant F, LTE Band 7	0.478	0.216	0.694	165.8	0
AG0: Ant A, NR Band n70	AG1: Ant F, NR Band n25	0.478	0.173	0.651	166.92	0
AG0: Ant A, NR Band n70	AG1: Ant F, NR Band n30	0.478	0.241	0.719	165.48	0
AG0: Ant A, NR Band n70	AG1: Ant F, NR Band n48	0.478	0.198	0.676	164.39	0
AG0: Ant A, NR Band n70	AG1: Ant F, NR Band n66	0.478	0.172	0.65	167.1	0
AG0: Ant A, NR Band n70	AG1: Ant F, NR Band n70	0.478	0.157	0.635	168.96	0
AG0: Ant A, NR Band n70	AG1: Ant G, 5 GHz WIFI	0.478	0.346	0.824	151.74	0
AG0: Ant A, NR Band n70	AG1: Ant G, 6 GHz WIFI	0.478	0.149	0.627	144.89	0
AG0: Ant A, NR Band n70	AG1: Ant H, 2.4 GHz Bluetooth	0.478	0.171	0.649	143.37	0
AG0: Ant A, NR Band n70	AG1: Ant I, NR Band n48	0.478	0.203	0.681	120.15	0
AG0: Ant A, NR Band n70	AG1: Ant MIMO, 5 GHz WIFI	0.478	0.251	0.729	152.88	0
AG0: Ant A, NR Band n70	AG1: Ant MIMO, 6 GHz WIFI	0.478	0.163	0.641	140.28	0
AG0: Ant A, UMTS 1750	AG1: Ant E, GSM 850	0.562	0.369	0.931	176.91	0.01
AG0: Ant A, UMTS 1750	AG1: Ant E, LTE Band 12	0.562	0.195	0.757	179.44	0
AG0: Ant A, UMTS 1750	AG1: Ant E, LTE Band 13	0.562	0.22	0.782	179.37	0
AG0: Ant A, UMTS 1750	AG1: Ant E, LTE Band 14	0.562	0.282	0.844	178.44	0
AG0: Ant A, UMTS 1750	AG1: Ant E, LTE Band 26	0.562	0.333	0.895	179.37	0
AG0: Ant A, UMTS 1750	AG1: Ant E, LTE Band 71	0.562	0.279	0.841	173.53	0
AG0: Ant A, UMTS 1750	AG1: Ant E, NR Band n5	0.562	0.257	0.819	176.6	0
AG0: Ant A, UMTS 1750	AG1: Ant E, NR Band n71	0.562	0.258	0.82	177.09	0
AG0: Ant A, UMTS 1750	AG1: Ant E, UMTS 850	0.562	0.331	0.893	177.68	0
AG0: Ant A, UMTS 1750	AG1: Ant F, LTE Band 25	0.562	0.178	0.74	171.15	0
AG0: Ant A, UMTS 1750	AG1: Ant F, LTE Band 30	0.562	0.144	0.706	169.38	0
AG0: Ant A, UMTS 1750	AG1: Ant F, LTE Band 41	0.562	0.198	0.76	168.15	0
AG0: Ant A, UMTS 1750	AG1: Ant F, LTE Band 48	0.562	0.174	0.736	171.26	0
AG0: Ant A, UMTS 1750	AG1: Ant F, LTE Band 66	0.562	0.184	0.746	169.68	0
AG0: Ant A, UMTS 1750	AG1: Ant F, LTE Band 7	0.562	0.216	0.778	171.26	0
AG0: Ant A, UMTS 1750	AG1: Ant F, NR Band n25	0.562	0.173	0.735	172.8	0
AG0: Ant A, UMTS 1750	AG1: Ant F, NR Band n30	0.562	0.241	0.803	170.7	0
AG0: Ant A, UMTS 1750	AG1: Ant F, NR Band n48	0.562	0.198	0.76	169.61	0
AG0: Ant A, UMTS 1750	AG1: Ant F, NR Band n66	0.562	0.172	0.734	172.81	0
AG0: Ant A, UMTS 1750	AG1: Ant F, NR Band n70	0.562	0.157	0.719	174.24	0
AG0: Ant A, UMTS 1750	AG1: Ant F, NR Band n77	0.562	0.112	0.674	170.32	0
AG0: Ant A, UMTS 1750	AG1: Ant G, 5 GHz WIFI	0.562	0.346	0.908	156.23	0.01
AG0: Ant A, UMTS 1750	AG1: Ant G, 6 GHz WIFI	0.562	0.149	0.711	149.31	0
AG0: Ant A, UMTS 1750	AG1: Ant H, 2.4 GHz Bluetooth	0.562	0.171	0.733	147.67	0
AG0: Ant A, UMTS 1750	AG1: Ant H, 2.4 GHz WIFI	0.562	0.142	0.704	145.76	0
AG0: Ant A, UMTS 1750	AG1: Ant I, NR Band n48	0.562	0.203	0.765	124.47	0.01
AG0: Ant A, UMTS 1750	AG1: Ant I, NR Band n77	0.562	0.096	0.658	123.35	0
AG0: Ant A, UMTS 1750	AG1: Ant MIMO, 2.4 GHz WIFI	0.562	0.13	0.692	155.8	0
AG0: Ant A, UMTS 1750	AG1: Ant MIMO, 5 GHz WIFI	0.562	0.251	0.813	156.96	0
AG0: Ant A, UMTS 1750	AG1: Ant MIMO, 6 GHz WIFI	0.562	0.163	0.725	144.99	0

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Front						
AG0 Band/Antenna	AG1 Band/Antenna	AG0 ER	AG1 ER	Standalone Sum ER	Distance (mm)	SPLSR
AG0: Ant A, UMTS 1900	AG1: Ant E, GSM 850	0.624	0.369	0.993	177.55	0.01
AG0: Ant A, UMTS 1900	AG1: Ant E, LTE Band 12	0.624	0.195	0.819	180.14	0
AG0: Ant A, UMTS 1900	AG1: Ant E, LTE Band 13	0.624	0.22	0.844	180.02	0
AG0: Ant A, UMTS 1900	AG1: Ant E, LTE Band 14	0.624	0.282	0.906	179.1	0
AG0: Ant A, UMTS 1900	AG1: Ant E, LTE Band 26	0.624	0.333	0.957	180.02	0.01
AG0: Ant A, UMTS 1900	AG1: Ant E, LTE Band 71	0.624	0.279	0.903	174.23	0
AG0: Ant A, UMTS 1900	AG1: Ant E, NR Band n5	0.624	0.257	0.881	177.17	0
AG0: Ant A, UMTS 1900	AG1: Ant E, NR Band n71	0.624	0.258	0.882	177.7	0
AG0: Ant A, UMTS 1900	AG1: Ant E, UMTS 850	0.624	0.331	0.955	178.33	0.01
AG0: Ant A, UMTS 1900	AG1: Ant F, LTE Band 25	0.624	0.178	0.802	172.38	0
AG0: Ant A, UMTS 1900	AG1: Ant F, LTE Band 30	0.624	0.144	0.768	170.52	0
AG0: Ant A, UMTS 1900	AG1: Ant F, LTE Band 41	0.624	0.198	0.822	169.38	0
AG0: Ant A, UMTS 1900	AG1: Ant F, LTE Band 48	0.624	0.174	0.798	172.42	0
AG0: Ant A, UMTS 1900	AG1: Ant F, LTE Band 66	0.624	0.184	0.808	170.94	0
AG0: Ant A, UMTS 1900	AG1: Ant F, LTE Band 7	0.624	0.216	0.84	172.34	0
AG0: Ant A, UMTS 1900	AG1: Ant F, NR Band n25	0.624	0.173	0.797	173.65	0
AG0: Ant A, UMTS 1900	AG1: Ant F, NR Band n30	0.624	0.241	0.865	171.9	0
AG0: Ant A, UMTS 1900	AG1: Ant F, NR Band n48	0.624	0.198	0.822	170.81	0
AG0: Ant A, UMTS 1900	AG1: Ant F, NR Band n66	0.624	0.172	0.796	173.75	0
AG0: Ant A, UMTS 1900	AG1: Ant F, NR Band n70	0.624	0.157	0.781	175.41	0
AG0: Ant A, UMTS 1900	AG1: Ant F, NR Band n77	0.624	0.112	0.736	171.54	0
AG0: Ant A, UMTS 1900	AG1: Ant G, 5 GHz WiFi	0.624	0.346	0.97	157.77	0.01
AG0: Ant A, UMTS 1900	AG1: Ant G, 6 GHz WiFi	0.624	0.149	0.773	150.87	0
AG0: Ant A, UMTS 1900	AG1: Ant H, 2.4 GHz Bluetooth	0.624	0.171	0.795	149.28	0
AG0: Ant A, UMTS 1900	AG1: Ant H, 2.4 GHz WiFi	0.624	0.142	0.766	147.49	0
AG0: Ant A, UMTS 1900	AG1: Ant I, NR Band n48	0.624	0.203	0.827	126.07	0.01
AG0: Ant A, UMTS 1900	AG1: Ant I, NR Band n77	0.624	0.096	0.72	125.03	0
AG0: Ant A, UMTS 1900	AG1: Ant MIMO, 2.4 GHz WiFi	0.624	0.13	0.754	157.42	0
AG0: Ant A, UMTS 1900	AG1: Ant MIMO, 5 GHz WiFi	0.624	0.251	0.875	158.67	0.01
AG0: Ant A, UMTS 1900	AG1: Ant MIMO, 6 GHz WiFi	0.624	0.163	0.787	146.43	0
AG0: Ant A, UMTS 850	AG1: Ant E, GSM 850	0.288	0.369	0.657	173.77	0
AG0: Ant A, UMTS 850	AG1: Ant G, 5 GHz WiFi	0.288	0.346	0.634	148.86	0
AG0: Ant B, LTE Band 30	AG1: Ant E, GSM 850	0.366	0.369	0.735	172.76	0
AG0: Ant B, LTE Band 30	AG1: Ant E, LTE Band 14	0.366	0.282	0.648	174.33	0
AG0: Ant B, LTE Band 30	AG1: Ant E, LTE Band 26	0.366	0.333	0.699	175.24	0
AG0: Ant B, LTE Band 30	AG1: Ant E, LTE Band 71	0.366	0.279	0.645	169.5	0
AG0: Ant B, LTE Band 30	AG1: Ant E, UMTS 850	0.366	0.331	0.697	173.54	0
AG0: Ant B, LTE Band 30	AG1: Ant G, 5 GHz WiFi	0.366	0.346	0.712	153.98	0
AG0: Ant B, LTE Band 7	AG1: Ant E, GSM 850	0.291	0.369	0.66	171.6	0
AG0: Ant B, LTE Band 7	AG1: Ant G, 5 GHz WiFi	0.291	0.346	0.637	153.98	0
AG0: Ant B, NR Band n30	AG1: Ant E, GSM 850	0.366	0.369	0.735	172.31	0
AG0: Ant B, NR Band n30	AG1: Ant E, LTE Band 14	0.366	0.282	0.648	173.9	0
AG0: Ant B, NR Band n30	AG1: Ant E, LTE Band 26	0.366	0.333	0.699	174.8	0
AG0: Ant B, NR Band n30	AG1: Ant E, LTE Band 71	0.366	0.279	0.645	169.12	0
AG0: Ant B, NR Band n30	AG1: Ant E, UMTS 850	0.366	0.331	0.697	173.1	0
AG0: Ant B, NR Band n30	AG1: Ant G, 5 GHz WiFi	0.366	0.346	0.712	154.44	0
AG0: Ant B, NR Band n41	AG1: Ant E, GSM 850	0.304	0.369	0.673	170.11	0
AG0: Ant B, NR Band n41	AG1: Ant E, LTE Band 26	0.304	0.333	0.637	172.62	0
AG0: Ant B, NR Band n41	AG1: Ant E, UMTS 850	0.304	0.331	0.635	170.91	0
AG0: Ant B, NR Band n41	AG1: Ant G, 5 GHz WiFi	0.304	0.346	0.65	153.25	0
AG0: Ant A, LTE Band 14	AG1: Ant E, UMTS 850	0.293	0.331	0.624	173.91	N/A

Note: The light gray highlighted row shows the worst case sum of all AG combinations under 1W/kg. Since the sum of these combinations is less than or equal to 1 W/kg (SAR design target for this EUT), therefore no further analysis is needed.

Notes:

1. For all combinations where the TER sum of AG0+AG1 is not greater than 1, there's no further analysis required for compliance demonstration.
2. No evaluation was performed to determine the aggregate 1g SAR for these configurations as the SPLS ratio between the antenna pairs was not greater than 0.02 per FCC KDB 447498 D04v01. Please see the Highest Report SAR and Hotspot Location Section for peak locations

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E.6 Hotspot (RSI = 0) SAR Antenna Group Analysis

Table E-7
RSI=0 Hotspot AG0 Ratio to Limit

AG0 Ratio to Limit						
	Configuration	A	B	C	D	Max
Hotspot	Back	0.748	0.591	0.340	0.573	0.748
	Front	0.624	0.366	0.247	0.036	0.624
	Top	-	-	-	-	-
	Bottom	0.581	0.488	0.023	0.016	0.581
	Right	0.175	-	-	0.007	0.175
	Left	0.136	0.141	0.148	0.005	0.148

Table E-8
RSI=0 Hotspot AG1 Ratio to Limit

AG1 Ratio to Limit								
	Configuration	E	F	G	H	I	MIMO	Max
Hotspot	Back	0.575	0.438	0.270	0.253	0.214	0.278	0.575
	Front	0.369	0.241	0.275	0.142	0.203	0.211	0.369
	Top	0.151	0.223	0.036	0.062	-	0.063	0.223
	Bottom	-	-	-	-	-	-	-
	Right	0.129	-	-	-	-	0.029	0.129
	Left	-	0.036	0.107	0.141	0.016	0.112	0.141

Table E-9
RSI=0 Hotspot AG Verification

Hotspot		AG0 Ratio to Limit	AG1 Ratio to Limit	AG0 + AG1 Ratio to Limit
	Back	0.748	0.575	See table below
	Front	0.624	0.369	See table below
	Top	-	0.223	0.223
	Bottom	0.581	-	0.581
	Right	0.175	0.129	0.304
	Left	0.148	0.141	0.289

Back						
AG0 Band/Antenna	AG1 Band/Antenna	AG0 ER	AG1 ER	Standalone Sum ER	Distance (mm)	SPLSR
AG0: Ant A_GSM 1900	AG1: Ant G_5 GHz WIFI	0.61	0.27	0.88	153.59	0.01
AG0: Ant A_GSM 1900	AG1: Ant H_2.4 GHz Bluetooth	0.61	0.039	0.649	149.37	0
AG0: Ant A_GSM 1900	AG1: Ant MIMO_5 GHz WIFI	0.61	0.278	0.888	157.29	0.01
AG0: Ant A_GSM 850	AG1: Ant G_5 GHz WIFI	0.575	0.27	0.845	139.62	0.01
AG0: Ant A_GSM 850	AG1: Ant MIMO_5 GHz WIFI	0.575	0.278	0.853	143.6	0.01
AG0: Ant A_LTE Band 12	AG1: Ant G_5 GHz WIFI	0.478	0.27	0.748	141.4	0
AG0: Ant A_LTE Band 12	AG1: Ant MIMO_5 GHz WIFI	0.478	0.278	0.756	145.38	0
AG0: Ant A_LTE Band 13	AG1: Ant G_5 GHz WIFI	0.476	0.27	0.746	141.4	0
AG0: Ant A_LTE Band 13	AG1: Ant MIMO_5 GHz WIFI	0.476	0.278	0.754	145.38	0
AG0: Ant A_LTE Band 14	AG1: Ant G_5 GHz WIFI	0.474	0.27	0.744	142.45	0
AG0: Ant A_LTE Band 14	AG1: Ant MIMO_5 GHz WIFI	0.474	0.278	0.752	146.42	0
AG0: Ant A_LTE Band 25	AG1: Ant G_5 GHz WIFI	0.723	0.27	0.993	152.5	0.01
AG0: Ant A_LTE Band 25	AG1: Ant H_2.4 GHz Bluetooth	0.723	0.039	0.762	148.28	0
AG0: Ant A_LTE Band 25	AG1: Ant MIMO_5 GHz WIFI	0.723	0.278	1.001	156.21	0.01
AG0: Ant A_LTE Band 26	AG1: Ant G_5 GHz WIFI	0.451	0.27	0.721	138.72	0
AG0: Ant A_LTE Band 26	AG1: Ant MIMO_5 GHz WIFI	0.451	0.278	0.729	142.69	0
AG0: Ant A_LTE Band 66	AG1: Ant G_5 GHz WIFI	0.697	0.27	0.967	152.41	0.01
AG0: Ant A_LTE Band 66	AG1: Ant H_2.4 GHz Bluetooth	0.697	0.039	0.736	148.19	0
AG0: Ant A_LTE Band 66	AG1: Ant MIMO_5 GHz WIFI	0.697	0.278	0.975	156.14	0.01
AG0: Ant A_LTE Band 71	AG1: Ant G_5 GHz WIFI	0.586	0.27	0.856	142.17	0.01
AG0: Ant A_LTE Band 71	AG1: Ant H_2.4 GHz Bluetooth	0.586	0.039	0.625	137.92	N/A
AG0: Ant A_LTE Band 71	AG1: Ant MIMO_5 GHz WIFI	0.586	0.278	0.864	146.19	0.01
AG0: Ant A_NR Band n25	AG1: Ant G_5 GHz WIFI	0.546	0.27	0.816	149.58	0
AG0: Ant A_NR Band n25	AG1: Ant MIMO_5 GHz WIFI	0.546	0.278	0.824	153.28	0
AG0: Ant A_NR Band n5	AG1: Ant G_5 GHz WIFI	0.699	0.27	0.969	135.47	0.01
AG0: Ant A_NR Band n5	AG1: Ant H_2.4 GHz Bluetooth	0.699	0.039	0.738	131.21	0
AG0: Ant A_NR Band n5	AG1: Ant MIMO_5 GHz WIFI	0.699	0.278	0.977	139.48	0.01
AG0: Ant A_NR Band n66	AG1: Ant G_5 GHz WIFI	0.695	0.27	0.965	149.31	0.01
AG0: Ant A_NR Band n66	AG1: Ant H_2.4 GHz Bluetooth	0.695	0.039	0.734	145.08	0
AG0: Ant A_NR Band n66	AG1: Ant MIMO_5 GHz WIFI	0.695	0.278	0.973	153.06	0.01
AG0: Ant A_NR Band n70	AG1: Ant G_5 GHz WIFI	0.554	0.27	0.824	148.24	0.01
AG0: Ant A_NR Band n70	AG1: Ant MIMO_5 GHz WIFI	0.554	0.278	0.832	151.98	0
AG0: Ant A_NR Band n71	AG1: Ant G_5 GHz WIFI	0.598	0.27	0.868	144.02	0.01
AG0: Ant A_NR Band n71	AG1: Ant H_2.4 GHz Bluetooth	0.598	0.039	0.637	139.77	0
AG0: Ant A_NR Band n71	AG1: Ant MIMO_5 GHz WIFI	0.598	0.278	0.876	148.03	0.01
AG0: Ant A_UMTS 1750	AG1: Ant G_5 GHz WIFI	0.666	0.27	0.936	153.49	0.01
AG0: Ant A_UMTS 1750	AG1: Ant H_2.4 GHz Bluetooth	0.666	0.039	0.705	149.27	0
AG0: Ant A_UMTS 1750	AG1: Ant MIMO_5 GHz WIFI	0.666	0.278	0.944	157.21	0.01
AG0: Ant A_UMTS 1900	AG1: Ant G_5 GHz WIFI	0.748	0.27	1.018	154.71	0.01
AG0: Ant A_UMTS 1900	AG1: Ant H_2.4 GHz Bluetooth	0.748	0.039	0.787	150.5	0
AG0: Ant A_UMTS 1900	AG1: Ant MIMO_5 GHz WIFI	0.748	0.278	1.026	158.4	0.01
AG0: Ant A_UMTS 850	AG1: Ant G_5 GHz WIFI	0.569	0.27	0.839	139.62	0.01
AG0: Ant A_UMTS 850	AG1: Ant MIMO_5 GHz WIFI	0.569	0.278	0.847	143.6	0.01
AG0: Ant B_LTE Band 30	AG1: Ant G_5 GHz WIFI	0.498	0.27	0.768	143.86	0
AG0: Ant B_LTE Band 30	AG1: Ant MIMO_5 GHz WIFI	0.498	0.278	0.776	147.87	0
AG0: Ant B_LTE Band 41	AG1: Ant G_5 GHz WIFI	0.428	0.27	0.698	145.2	0
AG0: Ant B_LTE Band 41	AG1: Ant MIMO_5 GHz WIFI	0.428	0.278	0.706	149.27	0
AG0: Ant B_LTE Band 7	AG1: Ant G_5 GHz WIFI	0.416	0.27	0.686	143.05	0
AG0: Ant B_LTE Band 7	AG1: Ant MIMO_5 GHz WIFI	0.416	0.278	0.694	147.06	0
AG0: Ant B_NR Band n30	AG1: Ant G_5 GHz WIFI	0.581	0.27	0.851	141.88	0.01
AG0: Ant B_NR Band n30	AG1: Ant MIMO_5 GHz WIFI	0.581	0.278	0.859	145.92	0.01
AG0: Ant B_NR Band n41	AG1: Ant G_5 GHz WIFI	0.591	0.27	0.861	142.85	0.01
AG0: Ant B_NR Band n41	AG1: Ant H_2.4 GHz Bluetooth	0.591	0.039	0.63	138.6	0
AG0: Ant B_NR Band n41	AG1: Ant MIMO_5 GHz WIFI	0.591	0.278	0.869	146.89	0.01
AG0: Ant D_NR Band n48	AG1: Ant G_5 GHz WIFI	0.374	0.27	0.644	140.25	0
AG0: Ant D_NR Band n48	AG1: Ant MIMO_5 GHz WIFI	0.374	0.278	0.652	143.85	0
AG0: Ant D_NR Band n77	AG1: Ant G_5 GHz WIFI	0.573	0.27	0.843	139.84	0.01
AG0: Ant D_NR Band n77	AG1: Ant MIMO_5 GHz WIFI	0.573	0.278	0.851	143.42	0.01

Note: The light gray highlighted row shows the worst case sum of all AG combinations under 1W/kg. Since the sum of these combinations is less than or equal to 1 W/kg (SAR design target for this EUT), therefore no further analysis is needed.

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Front						
AG0 Band/Antenna	AG1 Band/Antenna	AG0 ER	AG1 ER	Standalone Sum ER	Distance (mm)	SPLSR
AG0: Ant A_GSM 1900	AG1: Ant G_5 GHz WIFI	0.473	0.275	0.748	156.54	0
AG0: Ant A_GSM 1900	AG1: Ant MIMO_5 GHz WIFI	0.473	0.211	0.684	155.84	0
AG0: Ant A_GSM 850	AG1: Ant G_5 GHz WIFI	0.36	0.275	0.635	138.07	0
AG0: Ant A_LTE Band 25	AG1: Ant G_5 GHz WIFI	0.589	0.275	0.864	155.51	0.01
AG0: Ant A_LTE Band 25	AG1: Ant MIMO_5 GHz WIFI	0.589	0.211	0.8	154.67	0
AG0: Ant A_LTE Band 66	AG1: Ant G_5 GHz WIFI	0.596	0.275	0.871	155.28	0.01
AG0: Ant A_LTE Band 66	AG1: Ant MIMO_5 GHz WIFI	0.596	0.211	0.807	154.28	0
AG0: Ant A_NR Band n25	AG1: Ant G_5 GHz WIFI	0.404	0.275	0.679	150.67	0
AG0: Ant A_NR Band n5	AG1: Ant G_5 GHz WIFI	0.38	0.275	0.655	139.19	0
AG0: Ant A_NR Band n66	AG1: Ant G_5 GHz WIFI	0.527	0.275	0.802	151.81	0
AG0: Ant A_NR Band n66	AG1: Ant MIMO_5 GHz WIFI	0.527	0.211	0.738	150.95	0
AG0: Ant A_NR Band n70	AG1: Ant G_5 GHz WIFI	0.478	0.275	0.753	150.75	0
AG0: Ant A_NR Band n70	AG1: Ant MIMO_5 GHz WIFI	0.478	0.211	0.689	150.15	0
AG0: Ant A_UMTS 1750	AG1: Ant G_5 GHz WIFI	0.562	0.275	0.837	155.28	0
AG0: Ant A_UMTS 1750	AG1: Ant MIMO_5 GHz WIFI	0.562	0.211	0.773	154.28	0
AG0: Ant A_UMTS 1900	AG1: Ant G_5 GHz WIFI	0.624	0.275	0.899	156.8	0.01
AG0: Ant A_UMTS 1900	AG1: Ant H_2.4 GHz Bluetooth	0.624	0.028	0.652	150.78	0
AG0: Ant A_UMTS 1900	AG1: Ant MIMO_5 GHz WIFI	0.624	0.211	0.835	155.97	0
AG0: Ant B_LTE Band 30	AG1: Ant G_5 GHz WIFI	0.366	0.275	0.641	152.99	0
AG0: Ant B_NR Band n30	AG1: Ant G_5 GHz WIFI	0.366	0.275	0.641	153.43	0

Notes:

1. Because body-worn and hotspot back and front sides contain duplicate combinations, this section includes only those combinations that are unique to hotspot. Combinations that are common to both exposure conditions are presented in Section E.5 and are not repeated here.
2. For Bottom, Top, Right, and Left edges, since the worst case sum of all AG combinations are under 1 W/kg (0.625 Ratio to Limit), the AGs are considered fully uncoupled and no further analysis is needed.
3. For all combinations where the TER sum of AG0+AG1 is not greater than 1, there's no further analysis required for compliance demonstration.
4. No evaluation was performed to determine the aggregate 1g SAR for these configurations as the SPLS ratio between the antenna pairs was not greater than 0.02 per FCC KDB 447498 D04v01.
Please see the Highest Report SAR and Hotspot Location Section for peak locations

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E.7 Phablet (RSI = 0) SAR Antenna Group Analysis

Per FCC KDB Publication 648474 D04 Handset SAR, Phablet SAR tests were not required if wireless router 1g SAR (scaled to the maximum output power, including tolerance) < 1.2 W/kg. Therefore no further analysis beyond the tables included in this section was required to determine that possible simultaneous transmission scenarios would not exceed the SAR limit.

Table E-10
RSI=0 Phablet AG0 Highest Ratio to Limit

AG0 Ratio to Limit						
	Configuration	A	B	C	D	Max
Phablet	Back	-	-	-	-	-
	Front	-	-	-	-	-
	Top	-	-	-	-	-
	Bottom	0.255	0.420	-	-	0.420
	Right	-	-	-	-	-
	Left	-	-	-	-	-

Table E-11
RSI=0 Phablet AG1 Highest Ratio to Limit

AG1 Ratio to Limit								
	Configuration	E	F	G	H	I	MIMO	Max
Phablet	Back	-	-	0.249	0.223	-	0.251	0.251
	Front	-	-	0.204	0.107	-	0.212	0.212
	Top	-	0.254	0.049	0.076	-	0.074	0.254
	Bottom	-	-	-	-	-	-	-
	Right	-	-	-	-	-	0.057	0.057
	Left	-	-	0.201	0.276	-	0.257	0.276

Table E-12
Simultaneous Transmission Scenarios of NFC (Phablet)

	Configuration	NFC
Phablet	Back	0.003
	Front	0
	Top	0
	Bottom	-
	Right	0
	Left	0

Table E-13
RSI=0 Phablet AG Verification

Phablet	Configuration	AG0 Ratio to Limit	AG1 Ratio to Limit	NFC Ratio to Limit	AG0 + AG1 + NFC Ratio to Limit
	Back	-	0.251	0.003	0.254
	Front	-	0.212	0.000	0.212
	Top	-	0.254	0.000	0.254
	Bottom	0.420	-	-	0.420
	Right	-	0.057	0.000	0.057
	Left	-	0.276	0.000	0.276

Notes:

1. For all combinations where the TER sum of AG0+AG1+NFC is not greater than 1, there's no further analysis required for compliance demonstration.
2. No evaluation was performed to determine the aggregate 1g SAR for these configurations as the SPLS ratio between the antenna pairs was not greater than 0.013 per FCC KDB 447498 D04v01.
Please see the Highest Report SAR and Hotspot Location Section for peak locations

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E.8 Highest Report SAR and SAR Hotspot Locations

As a conservative assessment, the distances between Bottom Set and Top Set were determined using the coordinates of the peak locations (assumes 0 mm separation on z axis for Body only)

Table E-14
RSI=1 Head Right Cheek X, Y, Z Coordinates

Antenna Group	Antenna	Mode/Band	ER	X-Coord	Y-Coord	Z-Coord
AG0	A	GSM 850	0.111	56.1	-265.9	-170.5
AG1	E	GSM 850	0.406	1.4	-310.7	-167.3
AG0	A	GSM 1900	0.034	67.9	-298.7	-168.2
AG0	A	UMTS 850	0.111	57.4	-259.1	-169.8
AG1	E	UMTS 850	0.366	2.7	-307.6	-167.3
AG0	A	UMTS 1750	0.074	68.1	-309.4	-167.3
AG0	A	UMTS 1900	0.031	68.4	-308.2	-167.3
AG0	A	LTE Band 71	0.119	58.5	-257.4	-169.4
AG1	E	LTE Band 71	0.325	1.4	-314.6	-167.6
AG0	A	LTE Band 12	0.186	58.0	-260.2	-169.7
AG1	E	LTE Band 12	0.283	0.4	-313.8	-167.4
AG0	A	LTE Band 13	0.122	57.3	-258.5	-174.1
AG1	E	LTE Band 13	0.223	0.4	-313.8	-167.4
AG0	A	LTE Band 14	0.051	59.2	-256.4	-173.7
AG1	E	LTE Band 14	0.257	0.4	-313.8	-167.4
AG0	A	LTE Band 26	0.127	58.7	-256.8	-169.3
AG1	E	LTE Band 26	0.449	0.3	-312.6	-167.3
AG0	A	LTE Band 66	0.053	66.0	-299.0	-168.7
AG1	F	LTE Band 66	0.445	19.0	-321.9	-169.6
AG0	A	LTE Band 25	0.053	62.9	-306.3	-169.0
AG1	F	LTE Band 25	0.427	18.4	-323.2	-169.6
AG0	B	LTE Band 30	0.051	59.7	-283.0	-170.4
AG1	F	LTE Band 30	0.333	12.3	-327.9	-168.9
AG0	B	LTE Band 7	0.045	60.4	-288.1	-170.3
AG1	F	LTE Band 7	0.488	12.9	-326.8	-169.0
AG0	B	LTE Band 41	0.028	60.4	-294.0	-170.2
AG1	F	LTE Band 41	0.513	13.6	-327.2	-169.1
AG1	F	LTE Band 48	0.481	18.5	-325.4	-169.5
AG0	A	NR Band n71	0.133	59.3	-260.2	-169.5
AG1	E	NR Band n71	0.357	1.4	-310.7	-167.3
AG0	A	NR Band n5	0.156	58.0	-258.0	-169.5
AG1	E	NR Band n5	0.314	-1.3	-305.9	-166.5
AG0	A	NR Band n70	0.079	60.0	-307.4	-171.6
AG1	F	NR Band n70	0.314	14.2	-326.4	-169.1
AG0	A	NR Band n66	0.110	63.4	-299.4	-171.2
AG1	F	NR Band n66	0.383	13.8	-330.4	-170.8
AG0	A	NR Band n25	0.086	64.7	-296.3	-171.1
AG1	F	NR Band n25	0.393	28.5	-329.7	-171.9
AG0	B	NR Band n30	0.034	85.0	-214.2	-150.0
AG1	F	NR Band n30	0.471	13.9	-329.5	-169.0
AG0	B	NR Band n41	0.076	60.3	-283.5	-172.2
AG0	C	NR Band n48	0.011	63.2	-309.0	-168.7
AG0	D	NR Band n48	0.000	93.7	-256.8	-151.9
AG1	F	NR Band n48	0.483	16.0	-326.3	-169.3
AG1	I	NR Band n48	0.399	57.0	-312.7	-169.8
AG0	C	NR Band n77	0.008	57.5	-313.5	-169.6
AG0	D	NR Band n77	0.000	10.7	-326.8	-168.8
AG1	F	NR Band n77	0.248	16.0	-326.3	-169.3
AG1	I	NR Band n77	0.198	56.6	-314.2	-169.7
AG1	H	2.4 GHz WIFI	0.388	47.1	-332.6	-168.8
AG1	MIMO	2.4 GHz WIFI	0.239	47.1	-332.6	-168.8
AG1	G	5 GHz WIFI	0.441	40.6	-328.6	-169.9
AG1	MIMO	5 GHz WIFI	0.432	40.3	-329.7	-169.8
AG1	G	6 GHz WIFI	0.305	41.8	-330.8	-169.5
AG1	MIMO	6 GHz WIFI	0.465	39.2	-326.9	-170.1
AG1	H	2.4 GHz Bluetooth	0.325	44.0	-330.7	-169.4

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Table E-15
RSI=1 Head Right Tilt Exposure Ratio

Antenna Group	Antenna	Mode/Band	ER
AG0	A	GSM 850	0.057
AG1	E	GSM 850	0.354
AG0	A	GSM 1900	0.023
AG0	A	UMTS 850	0.060
AG1	E	UMTS 850	0.305
AG0	A	UMTS 1750	0.072
AG0	A	UMTS 1900	0.027
AG0	A	LTE Band 71	0.052
AG1	E	LTE Band 71	0.271
AG0	A	LTE Band 12	0.082
AG1	E	LTE Band 12	0.249
AG0	A	LTE Band 13	0.061
AG1	E	LTE Band 13	0.181
AG0	A	LTE Band 14	0.024
AG1	E	LTE Band 14	0.213
AG0	A	LTE Band 26	0.065
AG1	E	LTE Band 26	0.447
AG0	A	LTE Band 66	0.049
AG1	F	LTE Band 66	0.407
AG0	A	LTE Band 25	0.032
AG1	F	LTE Band 25	0.416
AG0	B	LTE Band 30	0.038
AG1	F	LTE Band 30	0.368
AG0	B	LTE Band 7	0.043
AG1	F	LTE Band 7	0.491
AG0	B	LTE Band 41	0.023
AG1	F	LTE Band 41	0.517
AG1	F	LTE Band 48	0.512
AG0	A	NR Band n71	0.034
AG1	E	NR Band n71	0.308
AG0	A	NR Band n5	0.076
AG1	E	NR Band n5	0.289
AG0	A	NR Band n70	0.057
AG1	F	NR Band n70	0.403
AG0	A	NR Band n66	0.088
AG1	F	NR Band n66	0.489
AG0	A	NR Band n25	0.048
AG1	F	NR Band n25	0.487
AG0	B	NR Band n30	0.029
AG1	F	NR Band n30	0.533
AG0	B	NR Band n41	0.078
AG0	C	NR Band n48	0.034
AG0	D	NR Band n48	0.000
AG1	F	NR Band n48	0.515
AG1	I	NR Band n48	0.027
AG0	C	NR Band n77	0.014
AG0	D	NR Band n77	0.000
AG1	F	NR Band n77	0.180
AG1	I	NR Band n77	0.006
AG1	H	2.4 GHz WIFI	0.189
AG1	MIMO	2.4 GHz WIFI	0.185
AG1	G	5 GHz WIFI	0.136
AG1	MIMO	5 GHz WIFI	0.153
AG1	G	6 GHz WIFI	0.201
AG1	MIMO	6 GHz WIFI	0.191
AG1	H	2.4 GHz Bluetooth	0.245

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Table E-16
RSI=1 Head Left Cheek X, Y, Z Coordinates

Antenna Group	Antenna	Mode/Band	ER	X-Coord	Y-Coord	Z-Coord
AG0	A	GSM 850	0.078	61.0	287.0	-170.2
AG1	E	GSM 850	0.460	18.7	331.7	-169.2
AG0	A	GSM 1900	0.064	53.6	248.8	-169.2
AG0	A	UMTS 850	0.078	65.1	290.0	-169.2
AG1	E	UMTS 850	0.386	18.1	332.7	-169.1
AG0	A	UMTS 1750	0.160	54.2	253.3	-169.6
AG0	A	UMTS 1900	0.055	55.9	245.7	-168.4
AG0	A	LTE Band 71	0.119	62.0	273.4	-169.8
AG1	E	LTE Band 71	0.378	17.8	329.3	-169.3
AG0	A	LTE Band 12	0.140	60.0	277.8	-170.3
AG1	E	LTE Band 12	0.403	20.4	330.6	-169.4
AG0	A	LTE Band 13	0.111	63.3	289.0	-169.6
AG1	E	LTE Band 13	0.253	21.1	331.6	-169.3
AG0	A	LTE Band 14	0.041	64.5	291.1	-169.3
AG1	E	LTE Band 14	0.403	21.1	331.6	-169.3
AG0	A	LTE Band 26	0.099	62.1	287.0	-169.9
AG1	E	LTE Band 26	0.407	21.0	333.5	-169.2
AG0	A	LTE Band 66	0.122	54.9	253.2	-170.2
AG1	F	LTE Band 66	0.248	9.4	304.7	-168.2
AG0	A	LTE Band 25	0.094	52.2	252.3	-169.8
AG1	F	LTE Band 25	0.225	10.6	308.4	-168.6
AG0	B	LTE Band 30	0.046	56.8	243.2	-167.9
AG1	F	LTE Band 30	0.189	9.1	318.2	-168.7
AG0	B	LTE Band 7	0.092	51.6	251.2	-169.8
AG1	F	LTE Band 7	0.236	-3.1	298.9	-165.4
AG0	B	LTE Band 41	0.056	50.7	248.5	-169.5
AG1	F	LTE Band 41	0.196	-7.7	297.2	-164.2
AG1	F	LTE Band 48	0.261	3.9	309.4	-167.6
AG0	A	NR Band n71	0.066	60.2	272.9	-170.1
AG1	E	NR Band n71	0.461	17.9	326.5	-169.4
AG0	A	NR Band n5	0.119	61.2	279.8	-170.1
AG1	E	NR Band n5	0.400	18.0	328.6	-169.3
AG0	A	NR Band n70	0.288	56.3	245.3	-170.1
AG1	F	NR Band n70	0.216	6.6	300.7	-167.5
AG0	A	NR Band n66	0.186	52.5	246.8	-169.2
AG1	F	NR Band n66	0.293	4.8	300.6	-167.1
AG0	A	NR Band n25	0.133	53.7	245.8	-170.8
AG1	F	NR Band n25	0.276	4.8	300.6	-167.1
AG0	B	NR Band n30	0.061	52.6	254.8	-170.0
AG1	F	NR Band n30	0.349	12.3	316.0	-169.0
AG0	B	NR Band n41	0.148	52.9	253.4	-169.8
AG0	C	NR Band n48	0.046	52.5	246.8	-169.2
AG0	D	NR Band n48	0.002	49.0	225.7	-166.7
AG1	F	NR Band n48	0.280	-3.5	293.2	-164.6
AG1	I	NR Band n48	0.206	33.6	258.2	-168.5
AG0	C	NR Band n77	0.014	56.6	242.9	-168.0
AG0	D	NR Band n77	0.000	-14.3	303.5	-168.8
AG1	F	NR Band n77	0.092	3.4	315.2	-167.9
AG1	I	NR Band n77	0.123	35.7	256.1	-168.8
AG1	H	2.4 GHz WIFI	0.093	32.4	258.0	-168.2
AG1	MIMO	2.4 GHz WIFI	0.108	61.1	320.6	-168.0
AG1	G	5 GHz WIFI	0.076	13.2	267.4	-164.1
AG1	MIMO	5 GHz WIFI	0.211	26.3	326.1	-169.9
AG1	G	6 GHz WIFI	0.093	-7.9	294.3	-163.7
AG1	MIMO	6 GHz WIFI	0.172	17.6	316.2	-169.6
AG1	H	2.4 GHz Bluetooth	0.099	33.6	260.1	-168.8

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Table E-17
RSI=1 Head Left Tilt Exposure Ratio

Antenna Group	Antenna	Mode/Band	ER
AG0	A	GSM 850	0.048
AG1	E	GSM 850	0.389
AG0	A	GSM 1900	0.028
AG0	A	UMTS 850	0.048
AG1	E	UMTS 850	0.366
AG0	A	UMTS 1750	0.084
AG0	A	UMTS 1900	0.031
AG0	A	LTE Band 71	0.058
AG1	E	LTE Band 71	0.351
AG0	A	LTE Band 12	0.084
AG1	E	LTE Band 12	0.283
AG0	A	LTE Band 13	0.077
AG1	E	LTE Band 13	0.227
AG0	A	LTE Band 14	0.028
AG1	E	LTE Band 14	0.307
AG0	A	LTE Band 26	0.060
AG1	E	LTE Band 26	0.403
AG0	A	LTE Band 66	0.111
AG1	F	LTE Band 66	0.320
AG0	A	LTE Band 25	0.049
AG1	F	LTE Band 25	0.321
AG0	B	LTE Band 30	0.035
AG1	F	LTE Band 30	0.319
AG0	B	LTE Band 7	0.043
AG1	F	LTE Band 7	0.253
AG0	B	LTE Band 41	0.026
AG1	F	LTE Band 41	0.227
AG1	F	LTE Band 48	0.242
AG0	A	NR Band n71	0.033
AG1	E	NR Band n71	0.343
AG0	A	NR Band n5	0.061
AG1	E	NR Band n5	0.352
AG0	A	NR Band n70	0.131
AG1	F	NR Band n70	0.286
AG0	A	NR Band n66	0.098
AG1	F	NR Band n66	0.350
AG0	A	NR Band n25	0.053
AG1	F	NR Band n25	0.299
AG0	B	NR Band n30	0.038
AG1	F	NR Band n30	0.476
AG0	B	NR Band n41	0.094
AG0	C	NR Band n48	0.012
AG0	D	NR Band n48	0.000
AG1	F	NR Band n48	0.269
AG1	I	NR Band n48	0.016
AG0	C	NR Band n77	0.004
AG0	D	NR Band n77	0.000
AG1	F	NR Band n77	0.089
AG1	I	NR Band n77	0.004
AG1	H	2.4 GHz WIFI	0.063
AG1	MIMO	2.4 GHz WIFI	0.071
AG1	G	5 GHz WIFI	0.043
AG1	MIMO	5 GHz WIFI	0.169
AG1	G	6 GHz WIFI	0.094
AG1	MIMO	6 GHz WIFI	0.174
AG1	H	2.4 GHz Bluetooth	0.082

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Table E-18
RSI=0 Body-worn Back Peak X, Y Coordinates

Antenna Group	Antenna	Mode/Band	ER	X-Coord	Y-Coord
AG0	A	GSM 850	0.575	-41.9	75.8
AG1	E	GSM 850	0.575	-17.4	-85.4
AG0	A	GSM 1900	0.610	-18.6	84.6
AG0	A	UMTS 850	0.569	-41.9	75.8
AG1	E	UMTS 850	0.409	-13.6	-85.5
AG0	A	UMTS 1750	0.666	-19.9	84.9
AG0	A	UMTS 1900	0.748	-17.4	85.4
AG0	A	LTE Band 71	0.586	-44.7	78.8
AG1	E	LTE Band 71	0.343	-15.5	-81.8
AG0	A	LTE Band 12	0.478	-41.9	77.6
AG1	E	LTE Band 12	0.281	-15.9	-84.0
AG0	A	LTE Band 13	0.476	-41.9	77.6
AG1	E	LTE Band 13	0.273	-13.5	-84.4
AG0	A	LTE Band 14	0.474	-40.3	78.4
AG1	E	LTE Band 14	0.369	-17.2	-84.3
AG0	A	LTE Band 26	0.451	-41.4	74.8
AG1	E	LTE Band 26	0.428	-15.9	-84.0
AG0	A	LTE Band 66	0.697	-21.0	84.1
AG1	F	LTE Band 66	0.260	-43.6	-74.9
AG0	A	LTE Band 25	0.723	-19.7	83.8
AG1	F	LTE Band 25	0.276	-43.5	-78.7
AG0	B	LTE Band 30	0.498	-44.7	80.5
AG1	F	LTE Band 30	0.191	-50.9	-78.1
AG0	B	LTE Band 7	0.416	-44.1	79.6
AG1	F	LTE Band 7	0.322	-49.7	-78.0
AG0	B	LTE Band 41	0.428	-49.2	82.4
AG1	F	LTE Band 41	0.326	-45.8	-75.1
AG1	F	LTE Band 48	0.354	-45.8	-78.8
AG0	A	NR Band n71	0.598	-43.5	80.5
AG1	E	NR Band n71	0.348	-22.8	-81.4
AG0	A	NR Band n5	0.699	-45.2	72.1
AG1	E	NR Band n5	0.359	-20.5	-81.9
AG0	A	NR Band n70	0.554	-22.5	80.2
AG1	F	NR Band n70	0.196	-47.5	-79.8
AG0	A	NR Band n66	0.695	-22.8	81.4
AG1	F	NR Band n66	0.272	-46.9	-78.8
AG0	A	NR Band n25	0.546	-20.2	80.9
AG1	F	NR Band n25	0.278	-48.6	-76.1
AG0	B	NR Band n30	0.581	-46.9	78.8
AG1	F	NR Band n30	0.293	-40.7	-82.9
AG0	B	NR Band n41	0.591	-46.3	79.7
AG0	C	NR Band n48	0.340	-63.9	56.7
AG0	D	NR Band n48	0.374	-17.0	70.0
AG1	F	NR Band n48	0.438	-44.1	-77.8
AG1	I	NR Band n48	0.214	-57.5	-32.2
AG0	C	NR Band n77	0.134	-65.2	55.2
AG0	D	NR Band n77	0.573	-16.0	69.2
AG1	F	NR Band n77	0.203	-46.9	-80.6
AG1	I	NR Band n77	0.089	-56.7	-31.1
AG1	H	2.4 GHz WIFI	0.253	-58.0	-61.4
AG1	MIMO	2.4 GHz WIFI	0.273	-52.5	-71.2
AG1	G	5 GHz WIFI	0.403	-65.4	-63.7
AG1	MIMO	5 GHz WIFI	0.329	-64.6	-70.4
AG1	G	6 GHz WIFI	0.105	-58.3	-73.4
AG1	MIMO	6 GHz WIFI	0.084	-8.7	-80.8
AG1	H	2.4 GHz Bluetooth	0.273	-65.2	-55.2

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Table E-19
RSI=0 Body-worn Front Peak X, Y Coordinates

Antenna Group	Antenna	Mode/Band	ER	X-Coord	Y-Coord
AG0	A	GSM 850	0.360	-4.9	74.0
AG1	E	GSM 850	0.369	-35.3	-88.5
AG0	A	GSM 1900	0.473	-30.1	88.1
AG0	A	UMTS 850	0.288	-9.9	83.4
AG1	E	UMTS 850	0.331	-34.7	-89.3
AG0	A	UMTS 1750	0.562	-24.8	88.1
AG0	A	UMTS 1900	0.624	-28.0	88.9
AG0	A	LTE Band 71	0.306	-20.1	86.0
AG1	E	LTE Band 71	0.279	-31.4	-85.3
AG0	A	LTE Band 12	0.334	-13.3	82.2
AG1	E	LTE Band 12	0.195	-31.8	-91.2
AG0	A	LTE Band 13	0.299	-13.3	82.2
AG1	E	LTE Band 13	0.220	-34.6	-91.0
AG0	A	LTE Band 14	0.293	-13.4	83.3
AG1	E	LTE Band 14	0.282	-34.0	-90.1
AG0	A	LTE Band 26	0.289	-10.8	80.4
AG1	E	LTE Band 26	0.333	-34.6	-91.0
AG0	A	LTE Band 66	0.596	-24.8	88.1
AG1	F	LTE Band 66	0.184	-1.7	-80.0
AG0	A	LTE Band 25	0.589	-27.5	87.7
AG1	F	LTE Band 25	0.178	-2.6	-81.6
AG0	B	LTE Band 30	0.366	-30.9	84.2
AG1	F	LTE Band 30	0.144	-7.6	-80.4
AG0	B	LTE Band 7	0.291	-34.6	83.1
AG1	F	LTE Band 7	0.216	-11.0	-82.6
AG0	B	LTE Band 41	0.210	-33.9	83.8
AG1	F	LTE Band 41	0.198	-3.5	-78.7
AG1	F	LTE Band 48	0.174	-6.7	-82.2
AG0	A	NR Band n71	0.244	-11.7	78.6
AG1	E	NR Band n71	0.258	-36.5	-88.6
AG0	A	NR Band n5	0.380	-5.1	75.1
AG1	E	NR Band n5	0.257	-39.4	-87.9
AG0	A	NR Band n70	0.478	-30.1	82.1
AG1	F	NR Band n70	0.157	-5.8	-85.1
AG0	A	NR Band n66	0.527	-26.2	84.2
AG1	F	NR Band n66	0.172	-18.6	-84.6
AG0	A	NR Band n25	0.404	-27.9	82.6
AG1	F	NR Band n25	0.173	-23.7	-84.7
AG0	B	NR Band n30	0.366	-33.9	83.8
AG1	F	NR Band n30	0.241	-4.6	-81.4
AG0	B	NR Band n41	0.304	-36.9	81.6
AG0	C	NR Band n48	0.247	14.1	56.0
AG0	D	NR Band n48	0.009	-38.4	72.5
AG1	F	NR Band n48	0.198	-4.6	-80.3
AG1	I	NR Band n48	0.203	6.0	-32.5
AG0	C	NR Band n77	0.128	2.0	67.4
AG0	D	NR Band n77	0.036	-0.3	68.5
AG1	F	NR Band n77	0.112	-3.6	-80.9
AG1	I	NR Band n77	0.096	9.1	-30.5
AG1	H	2.4 GHz WIFI	0.142	17.8	-51.3
AG1	MIMO	2.4 GHz WIFI	0.130	15.1	-62.5
AG1	G	5 GHz WIFI	0.346	10.9	-64.0
AG1	MIMO	5 GHz WIFI	0.251	20.1	-62.3
AG1	G	6 GHz WIFI	0.149	10.8	-56.9
AG1	MIMO	6 GHz WIFI	0.163	3.5	-54.1
AG1	H	2.4 GHz Bluetooth	0.171	12.8	-54.7

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Table E-20
RSI=0 Hotspot Back Side Peak X, Y Coordinates

Antenna Group	Antenna	Mode/Band	ER	X-Coord	Y-Coord
AG1	G	5 GHz WIFI	0.270	-64.4	-62.0
AG1	MIMO	5 GHz WIFI	0.278	-63.3	-66.2
AG1	H	2.4 GHz Bluetooth	0.039	-63.7	-57.8

Because body-worn and hotspot back contain duplicate bands, this table only includes bands that are unique to hotspot. Bands that are common to both exposure conditions can be found in Table E-18

Table E-21
RSI=0 Hotspot Front Side Peak X, Y Coordinates

Antenna Group	Antenna	Mode/Band	ER	X-Coord	Y-Coord
AG1	G	5 GHz WIFI	0.275	9.7	-63.3
AG1	MIMO	5 GHz WIFI	0.211	18.1	-60.1
AG1	H	2.4 GHz Bluetooth	0.028	13.0	-56.2

Because body-worn and hotspot front contain duplicate bands, this table only includes bands that are unique to hotspot. Bands that are common to both exposure conditions can be found in Table E-19

Table E-22
RSI=0 Hotspot Top Edge Exposure Ratio

Antenna Group	Antenna	Mode/Band	ER
AG1	E	GSM 850	0.151
AG1	E	UMTS 850	0.143
AG1	E	LTE Band 71	0.119
AG1	E	LTE Band 12	0.073
AG1	E	LTE Band 13	0.096
AG1	E	LTE Band 14	0.114
AG1	E	LTE Band 26	0.133
AG1	F	LTE Band 66	0.156
AG1	F	LTE Band 25	0.187
AG1	F	LTE Band 30	0.144
AG1	F	LTE Band 7	0.109
AG1	F	LTE Band 41	0.109
AG1	F	LTE Band 48	0.139
AG1	E	NR Band n71	0.110
AG1	E	NR Band n5	0.121
AG1	F	NR Band n70	0.128
AG1	F	NR Band n66	0.194
AG1	F	NR Band n25	0.208
AG1	F	NR Band n30	0.223
AG1	F	NR Band n48	0.158
AG1	F	NR Band n77	0.067
AG1	H	2.4 GHz WIFI	0.062
AG1	MIMO	2.4 GHz WIFI	0.063
AG1	G	5 GHz WIFI	0.036
AG1	MIMO	5 GHz WIFI	0.039
AG1	G	6 GHz WIFI	0.020
AG1	MIMO	6 GHz WIFI	0.034
AG1	H	2.4 GHz Bluetooth	0.007

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Table E-23
RSI=0 Hotspot Bottom Edge Exposure Ratio

Antenna Group	Antenna	Mode/Band	ER
AG0	A	GSM 850	0.083
AG0	A	GSM 1900	0.460
AG0	A	UMTS 850	0.080
AG0	A	UMTS 1750	0.499
AG0	A	UMTS 1900	0.551
AG0	A	LTE Band 71	0.069
AG0	A	LTE Band 12	0.089
AG0	A	LTE Band 13	0.079
AG0	A	LTE Band 14	0.081
AG0	A	LTE Band 26	0.071
AG0	A	LTE Band 66	0.489
AG0	A	LTE Band 25	0.490
AG0	B	LTE Band 30	0.381
AG0	B	LTE Band 7	0.318
AG0	B	LTE Band 41	0.224
AG0	A	NR Band n71	0.089
AG0	A	NR Band n5	0.074
AG0	A	NR Band n70	0.442
AG0	A	NR Band n66	0.581
AG0	A	NR Band n25	0.395
AG0	B	NR Band n30	0.488
AG0	B	NR Band n41	0.307
AG0	C	NR Band n48	0.023
AG0	D	NR Band n48	0.011
AG0	C	NR Band n77	0.009
AG0	D	NR Band n77	0.016

Table E-24
RSI=0 Hotspot Right Edge Exposure Ratio

Antenna Group	Antenna	Mode/Band	ER
AG0	A	GSM 850	0.107
AG1	E	GSM 850	0.129
AG0	A	GSM 1900	0.043
AG0	A	UMTS 850	0.140
AG1	E	UMTS 850	0.096
AG0	A	UMTS 1750	0.039
AG0	A	UMTS 1900	0.056
AG0	A	LTE Band 71	0.145
AG1	E	LTE Band 71	0.087
AG0	A	LTE Band 12	0.139
AG1	E	LTE Band 12	0.079
AG0	A	LTE Band 13	0.092
AG1	E	LTE Band 13	0.083
AG0	A	LTE Band 14	0.087
AG1	E	LTE Band 14	0.129
AG0	A	LTE Band 26	0.113
AG1	E	LTE Band 26	0.105
AG0	A	LTE Band 66	0.036
AG0	A	LTE Band 25	0.046
AG0	A	NR Band n71	0.118
AG1	E	NR Band n71	0.098
AG0	A	NR Band n5	0.175
AG1	E	NR Band n5	0.088
AG0	A	NR Band n70	0.032
AG0	A	NR Band n66	0.029
AG0	A	NR Band n25	0.034
AG0	D	NR Band n77	0.007
AG1	MIMO	2.4 GHz WIFI	0.008
AG1	MIMO	5 GHz WIFI	0.029
AG1	MIMO	6 GHz WIFI	0.020

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Table E-25
RSI=0 Hotspot Left Edge Exposure Ratio

Antenna Group	Antenna	Mode/Band	ER
AG0	A	GSM 850	0.061
AG0	A	GSM 1900	0.019
AG0	A	UMTS 850	0.051
AG0	A	UMTS 1750	0.045
AG0	A	UMTS 1900	0.014
AG0	A	LTE Band 71	0.136
AG0	A	LTE Band 12	0.108
AG0	A	LTE Band 13	0.035
AG0	A	LTE Band 14	0.031
AG0	A	LTE Band 26	0.028
AG0	A	LTE Band 66	0.036
AG1	F	LTE Band 66	0.032
AG0	A	LTE Band 25	0.021
AG1	F	LTE Band 25	0.013
AG0	B	LTE Band 30	0.111
AG1	F	LTE Band 30	0.006
AG0	B	LTE Band 7	0.141
AG1	F	LTE Band 7	0.025
AG0	B	LTE Band 41	0.097
AG1	F	LTE Band 41	0.020
AG1	F	LTE Band 48	0.015
AG0	A	NR Band n71	0.109
AG0	A	NR Band n5	0.081
AG0	A	NR Band n70	0.029
AG1	F	NR Band n70	0.036
AG0	A	NR Band n66	0.103
AG1	F	NR Band n66	0.025
AG0	A	NR Band n25	0.018
AG1	F	NR Band n25	0.033
AG0	B	NR Band n30	0.118
AG1	F	NR Band n30	0.013
AG0	B	NR Band n41	0.101
AG0	C	NR Band n48	0.148
AG0	D	NR Band n48	0.005
AG1	F	NR Band n48	0.015
AG1	I	NR Band n48	0.016
AG0	C	NR Band n77	0.049
AG1	F	NR Band n77	0.009
AG1	I	NR Band n77	0.006
AG1	H	2.4 GHz WIFI	0.141
AG1	MIMO	2.4 GHz WIFI	0.112
AG1	G	5 GHz WIFI	0.107
AG1	MIMO	5 GHz WIFI	0.081
AG1	G	6 GHz WIFI	0.038
AG1	MIMO	6 GHz WIFI	0.041
AG1	H	2.4 GHz Bluetooth	0.025

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Table E-26
RSI=0 Phablet Back Side Exposure Ratio

Antenna Group	Antenna	Mode/Band	ER
AG1	G	5 GHz WIFI	0.249
AG1	MIMO	5 GHz WIFI	0.251
AG1	G	6 GHz WIFI	0.158
AG1	MIMO	6 GHz WIFI	0.166
AG1	H	2.4 GHz Bluetooth	0.223

Table E-27
RSI=0 Phablet Front Side Exposure Ratio

Antenna Group	Antenna	Mode/Band	ER
AG1	G	5 GHz WIFI	0.204
AG1	MIMO	5 GHz WIFI	0.212
AG1	G	6 GHz WIFI	0.108
AG1	MIMO	6 GHz WIFI	0.100
AG1	H	2.4 GHz Bluetooth	0.107

Table E-28
RSI=0 Phablet Top Edge Exposure Ratio

Antenna Group	Antenna	Mode/Band	ER
AG1	F	NR Band n66	0.238
AG1	F	NR Band n48	0.359
AG1	F	NR Band n77	0.144
AG1	G	5 GHz WIFI	0.049
AG1	MIMO	5 GHz WIFI	0.074
AG1	G	6 GHz WIFI	0.034
AG1	MIMO	6 GHz WIFI	0.045
AG1	H	2.4 GHz Bluetooth	0.076

Table E-29
RSI=0 Phablet Bottom Edge Exposure Ratio

Antenna Group	Antenna	Mode/Band	ER
AG0	A	GSM 1900	0.255
AG0	A	UMTS 1750	0.158
AG0	A	UMTS 1900	0.221
AG0	A	LTE Band 66	0.162
AG0	A	LTE Band 25	0.195
AG0	B	LTE Band 30	0.345
AG0	B	LTE Band 7	0.335
AG0	A	NR Band n70	0.196
AG0	A	NR Band n66	0.219
AG0	A	NR Band n25	0.205
AG0	B	NR Band n30	0.360
AG0	B	NR Band n41	0.420

Table E-30
RSI=0 Phablet Right Edge Exposure Ratio

Antenna Group	Antenna	Mode/Band	ER
AG1	MIMO	5 GHz WIFI	0.057
AG1	MIMO	6 GHz WIFI	0.025

Table E-31
RSI=0 Phablet Left Edge Exposure Ratio

Antenna Group	Antenna	Mode/Band	ER
AG1	G	5 GHz WIFI	0.201
AG1	MIMO	5 GHz WIFI	0.257
AG1	G	6 GHz WIFI	0.117
AG1	MIMO	6 GHz WIFI	0.133
AG1	H	2.4 GHz Bluetooth	0.276

E.9 Conclusion

The results demonstrate that either the summed 1g or 10g SAR of AG0 and AG1 is ≤ 1.6 W/kg (TER ≤ 1.0), or the SPLSR is within the regulatory limit (≤ 0.02 for 1g or ≤ 0.013 for 10g). These results are sufficient to show that AG0 is effectively decoupled from AG1 and that all simultaneous transmission cases comply with the SAR limit. Therefore, no further measured volumetric simultaneous SAR summation is required per FCC KDB Publication 447498 D04 and IEEE 1528-2013 Section 6.3.4.1.

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APPENDIX F: POWER REDUCTION VERIFICATION

Per the May 2017 TCBC Workshop Notes, demonstration of proper functioning of the power reduction mechanisms is required to support the corresponding SAR configurations. The verification process included the evaluation of output power levels or device state indices for individual or multiple triggering mechanisms.

F.1 Power Verification Procedure

The power verification was performed according to the following procedure:

1. A base station simulator was used to establish a conducted RF connection and the output power was monitored for all states before and after a power reduction mechanism was triggered.
2. Step 1 was repeated for all relevant modes and frequency bands for the mechanism being investigated.
3. Steps 1 and 2 were repeated for all individual power reduction mechanisms. The radio state index as displayed on the device UI was recorded before and after the mechanism was triggered.

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F.2 Main Antenna Verification Summary

- Low band refers to: GSM850, UMTS B5, LTE B12/13/14/26/5/71, NR n71/5; Mid band refers to: GSM1900, UMTS B2/4, LTE B2/4/25/66, NR n66/70/25/2; High band refers to: LTE B7/30/38/41, NR n30/41; Ultra High band refers to: LTE B48, NR n48/77/78.
- This device uses different Device State Indices (DSI) to configure different time averaged power levels based on certain exposure scenarios. For this device, DSI = 1 represents the case where the device is held-to-ear. DSI = 0 is configured when the device cannot detect the held-to-ear use conditions.

Table F-1
Power Measurement Verification for WWAN Antennas

Mode/Band	Radio State Index (RSI)	
	Free Space (Non Head)	Mechanism #1 (Head)
Low Band Ant A	0	1
Mid Band Ant A	0	1
High Band Ant B	0	1

F.3 WIFI Verification Summary

Table F-2
Power Measurement Verification WIFI

Mode/Band	Radio State Index (RSI)	
	Un-triggered (Non Head)	Mechanism #1 (Head)
2.4 GHz WLAN Ant H	0	1
2.4 GHz WLAN Ant J	0	1
5 GHz WLAN Ant E	0	1
5 GHz WLAN Ant G	0	1

*Note: MIMO WIFI modes were not evaluated due to equipment limitations.

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APPENDIX G: SAR SYSTEM VALIDATION

Per FCC KDB Publication 865664 D02v01r02, SAR system validation status should be documented to confirm measurement accuracy. The SAR systems (including SAR probes, system components and software versions) used for this device were validated against its performance specifications prior to the SAR measurements. Reference dipoles were used with the required tissue- equivalent media for system validation, according to the procedures outlined in FCC KDB Publication 865664 D01v01r04 and IEEE 1528-2013. Since SAR probe calibrations are frequency dependent, each probe calibration point was validated at a frequency within the valid frequency range of the probe calibration point, using the system that normally operates with the probe for routine SAR measurements and according to the required tissue-equivalent media.

A tabulated summary of the system validation status including the validation date(s), measurement frequencies, SAR probes and tissue dielectric parameters has been included.

Table G-1
SAR System Validation Summary

SAR System	Freq. (MHz)	Date	Probe SN	DAE	Probe Cal Point		Cond. (σ)	Perm. (ε _r)	CW VALIDATION			MOD. VALIDATION		
									SENSITIVITY	PROBE LINEARITY	PROBE ISOTROPY	MOD. TYPE	DUTY FACTOR	PAR
G	13	12/30/2025	7527	1415	13	Head	0.776	52.613	PASS	PASS	PASS	N/A	N/A	N/A
L	750	05/01/2025	7659	1272	750	Head	0.891	40.734	PASS	PASS	PASS	N/A	N/A	N/A
G	750	06/04/2025	7488	1415	750	Head	0.870	40.461	PASS	PASS	PASS	N/A	N/A	N/A
S5	750	10/29/2025	7546	1368	750	Head	0.876	42.917	PASS	PASS	PASS	N/A	N/A	N/A
G	835	06/04/2025	7488	1415	835	Head	0.898	40.223	PASS	PASS	PASS	GMSK	PASS	N/A
S5	835	11/04/2025	7546	1368	835	Head	0.887	42.063	PASS	PASS	PASS	GMSK	PASS	N/A
L	1750	06/02/2025	7659	1272	1750	Head	1.341	39.242	PASS	PASS	PASS	N/A	N/A	N/A
M	1750	08/20/2025	7713	1530	1750	Head	1.348	39.305	PASS	PASS	PASS	N/A	N/A	N/A
S1	1750	11/05/2025	7637	1652	1750	Head	1.359	41.669	PASS	PASS	PASS	N/A	N/A	N/A
S4	1750	11/06/2025	7491	1466	1750	Head	1.312	41.044	PASS	PASS	PASS	N/A	N/A	N/A
L	1900	06/02/2025	7659	1272	1900	Head	1.341	39.242	PASS	PASS	PASS	GMSK	PASS	N/A
M	1900	08/20/2025	7713	1530	1900	Head	1.432	39.046	PASS	PASS	PASS	GMSK	PASS	N/A
S4	1900	11/06/2025	7491	1466	1900	Head	1.395	40.786	PASS	PASS	PASS	GMSK	PASS	N/A
S1	1900	11/11/2025	7637	1652	1900	Head	1.441	40.900	PASS	PASS	PASS	GMSK	PASS	N/A
G	2300	04/09/2025	7488	1415	2300	Head	1.748	39.814	PASS	PASS	PASS	N/A	N/A	N/A
L	2300	04/29/2025	7659	1272	2300	Head	1.735	39.352	PASS	PASS	PASS	N/A	N/A	N/A
S4	2300	09/26/2025	7491	1466	2300	Head	1.672	39.901	PASS	PASS	PASS	N/A	N/A	N/A
S6	2300	12/04/2025	7803	1583	2300	Head	1.689	40.459	PASS	PASS	PASS	N/A	N/A	N/A
O	2450	05/01/2025	7718	1407	2450	Head	1.766	40.858	PASS	PASS	PASS	OFDM/TDD	PASS	PASS
S4	2450	09/24/2025	7491	1466	2450	Head	1.795	41.022	PASS	PASS	PASS	OFDM/TDD	PASS	PASS
S3	2450	10/28/2025	7558	1364	2450	Head	1.825	39.200	PASS	PASS	PASS	OFDM/TDD	PASS	PASS
M	2450	12/03/2025	7406	1677	2450	Head	1.785	38.777	PASS	PASS	PASS	OFDM/TDD	PASS	PASS
S6	2450	12/04/2025	7803	1583	2450	Head	1.810	40.256	PASS	PASS	PASS	OFDM/TDD	PASS	PASS
S4	2600	09/26/2025	7491	1466	2600	Head	1.906	39.469	PASS	PASS	PASS	TDD	PASS	N/A
S2	2600	10/17/2025	7402	1502	2600	Head	1.904	39.462	PASS	PASS	PASS	TDD	PASS	N/A
S3	2600	10/29/2025	7558	1364	2600	Head	1.945	39.521	PASS	PASS	PASS	TDD	PASS	N/A
S6	2600	12/04/2025	7803	1583	2600	Head	1.937	39.988	PASS	PASS	PASS	TDD	PASS	N/A
S2	3500	09/08/2025	7402	1502	3500	Head	2.793	39.650	PASS	PASS	PASS	TDD	PASS	N/A
S3	3500	10/30/2025	7558	1364	3500	Head	2.960	37.205	PASS	PASS	PASS	TDD	PASS	N/A
S2	3700	09/08/2025	7402	1502	3700	Head	2.996	39.144	PASS	PASS	PASS	TDD	PASS	N/A
S3	3700	10/31/2025	7558	1364	3700	Head	3.148	36.574	PASS	PASS	PASS	TDD	PASS	N/A
S3	3900	10/31/2025	7558	1364	3900	Head	3.310	36.303	PASS	PASS	PASS	TDD	PASS	N/A
S	5250	06/28/2025	7661	1558	5250	Head	4.670	37.252	PASS	PASS	PASS	OFDM	N/A	PASS
S	5600	06/28/2025	7661	1558	5600	Head	5.089	36.678	PASS	PASS	PASS	OFDM	N/A	PASS
S	5750	06/28/2025	7661	1558	5750	Head	5.207	36.330	PASS	PASS	PASS	OFDM	N/A	PASS
S	5850	06/28/2025	7661	1558	5850	Head	5.372	36.168	PASS	PASS	PASS	OFDM	N/A	PASS
R	6500	02/27/2025	7570	1638	6500	Head	5.868	34.355	PASS	PASS	PASS	OFDM	N/A	PASS

NOTE: The probes have been calibrated for both CW and modulated signals. Modulations in the table above represent test configurations for which the measurement system has been validated per FCC KDB Publication 865664 D01v01r04 for scenarios when CW probe calibrations are used with other signal types. SAR systems were validated for modulated signals with a periodic duty cycle, such as GMSK, or with a high peak to average ratio (>5 dB), such as OFDM according to FCC KDB Publication 865664 D01v01r0

FCC ID: A3LSMA576U	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX G: Page 1 of 1