

APPENDIX A: SYSTEM CHECKING SCANS

Dipole750V2

Communication System: UID 0, Generic GSM; Communication System Band: GSM 750 (747.0 - 763.0 MHz);
Frequency: 755 MHz; Communication System PAR: 9.191 dB; PMF: 2.88104
Medium parameters used (interpolated): $f = 755$ MHz; $\sigma = 0.92$ S/m; $\epsilon_r = 41.93$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(10.48, 10.48, 10.48) @ 755 MHz; Calibrated: 2021-11-06
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-11-17
- Phantom: SAM3; Type: QD 000 P41 AA;
- DASYS5 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Dipole 750MHz 2/Area Scan (61x131x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 57.68 V/m; Power Drift = -0.02 dB

Fast SAR: SAR(1 g) = 2.27 W/kg; SAR(10 g) = 1.49 W/kg

Maximum value of SAR (interpolated) = 3.42 W/kg

Configuration/Dipole 750MHz 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 57.68 V/m; Power Drift = -0.02 dB

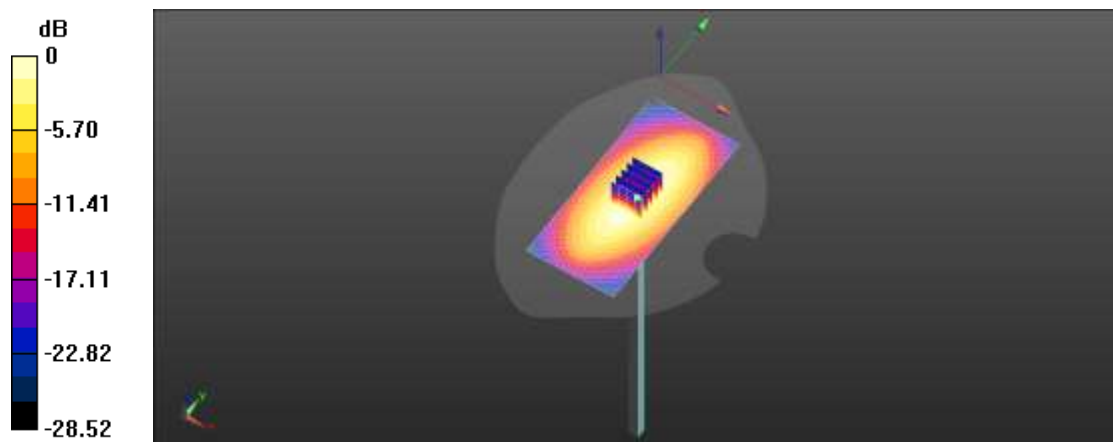
Peak SAR (extrapolated) = 3.12 W/kg

SAR(1 g) = 2.14 W/kg; SAR(10 g) = 1.44 W/kg

Smallest distance from peaks to all points 3 dB below = 22.6 mm

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

Maximum value of SAR (measured) = 2.81 W/kg



0 dB = 3.42 W/kg = 4.48 dBW/kg

Dipole835V2

Communication System: UID 0, CW; Communication System Band: D835 (835.0 MHz); Frequency: 835 MHz; Communication System PAR: 0 dB; PMF: 1
Medium parameters used: $f = 835$ MHz; $\sigma = 0.87$ S/m; $\epsilon_r = 41.10$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 –SN7623; ConvF(9.43, 9.43, 9.43) @ 835 MHz; Calibrated: 2021-11-06
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-11-17
- Phantom: SAM3; Type: QD 000 P41 AA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Head/Dipole835/Area Scan (61x131x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 58.88 V/m; Power Drift = 0.17 dB

Fast SAR: SAR(1 g) = 2.36 W/kg; SAR(10 g) = 1.52 W/kg

Maximum value of SAR (interpolated) = 3.63 W/kg

Head/Dipole835/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 58.88 V/m; Power Drift = 0.17 dB

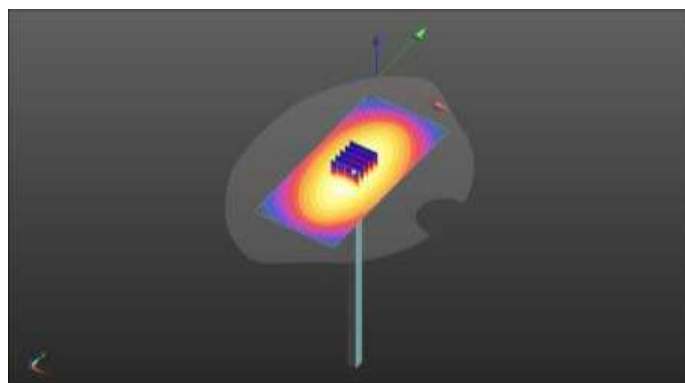
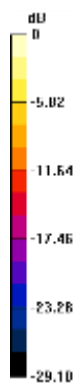
Peak SAR (extrapolated) = 3.55 W/kg

SAR(1 g) = 2.27 W/kg; SAR(10 g) = 1.48 W/kg

Smallest distance from peaks to all points 3 dB below = 17.5 mm

Ratio of SAR at M2 to SAR at M1 = 62.8%

Maximum value of SAR (measured) = 3.10 W/kg



0 dB = 3.63 W/kg = 4.86 dBW/kg

Dipole900V2

Communication System: UID 0, CW; Communication System Band: D900 (900.0 MHz); Frequency: 900 MHz; Communication System PAR: 0 dB; PMF: 1
Medium parameters used: $f = 900$ MHz; $\sigma = 1.01$ S/m; $\epsilon_r = 41.02$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(10.21, 10.21, 10.21) @ 900 MHz; Calibrated: 2021-11-06
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-11-17
- Phantom: SAM3; Type: QD 000 P41 AA;
- DASYS 52.10.4(1527); SEMCAD X 14.6.14(7483)

Head/Dipole 900MHz 2/Area Scan (61x131x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 60.16 V/m; Power Drift = 0.18 dB

Fast SAR: SAR(1 g) = 2.76 W/kg; SAR(10 g) = 1.75 W/kg

Maximum value of SAR (interpolated) = 4.12 W/kg

Head/Dipole 900MHz 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 60.16 V/m; Power Drift = 0.18 dB

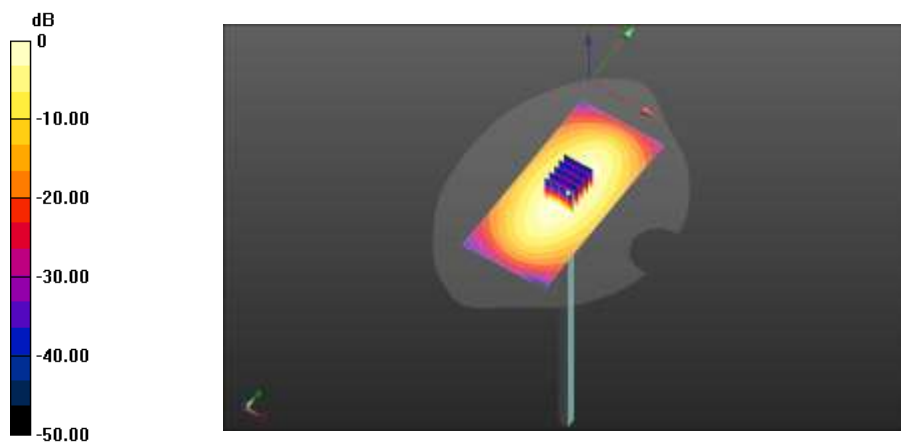
Peak SAR (extrapolated) = 4.11 W/kg

SAR(1 g) = 2.60 W/kg; SAR(10 g) = 1.69 W/kg

Smallest distance from peaks to all points 3 dB below = 17.5 mm

Ratio of SAR at M2 to SAR at M1 = 62.9%

Maximum value of SAR (measured) = 3.64 W/kg



0 dB = 4.12 W/kg = 5.57 dBW/kg

Dipole 1750V2

Communication System: CW; Communication System Band: D1750 (1750.0 MHz); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1750$ MHz; $\sigma = 1.37$ S/m; $\epsilon_r = 39.70$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN7623; ConvF(8.59, 8.59, 8.59) @ 1750 MHz; Calibrated: 2021-11-06
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-11-17
- Phantom: SAM3; Type: QD 000 P41 AA;
- DASYS5 52.10.4(1527); SEMCAD X 14.6.14(7483)

Head/Dipole1800/Area Scan (61x131x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 99.23 V/m; Power Drift = -0.04 dB

Fast SAR: SAR(1 g) = 9.06 mW/g; SAR(10 g) = 4.78 mW/g

Maximum value of SAR (interpolated) = 14.45 W/kg

Head/Dipole1800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 99.23 V/m; Power Drift = -0.04 dB

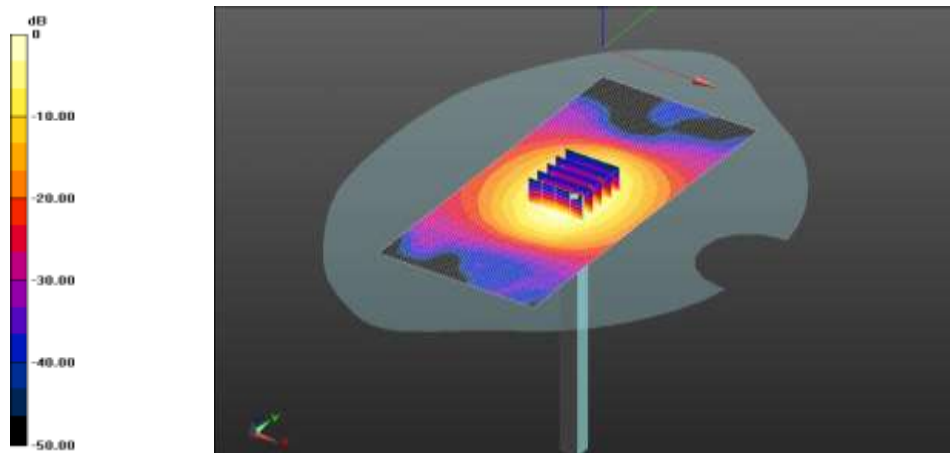
Peak SAR (extrapolated) = 16.8 mW/g

SAR(1 g) = 8.96 mW/g; SAR(10 g) = 4.74 mW/g

Smallest distance from peaks to all points 3 dB below = 10.1 mm

Ratio of SAR at M2 to SAR at M1 = 51.9%

Maximum value of SAR (measured) = 13.84 W/kg



0 dB = 14.45 W/kg = 11.35 dB W/kg

Dipole1800V2

Communication System: UID 0, CW; Communication System Band: D1800 (1800.0 MHz); Frequency: 1800

MHz; Communication System PAR: 0 dB; PMF: 1

Medium parameters used: $f = 1800$ MHz; $\sigma = 1.42$ S/m; $\epsilon_r = 40.29$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(8.82, 8.82, 8.82) @ 1800 MHz; Calibrated: 2021-11-06
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-11-17
- Phantom: SAM3; Type: QD 000 P41 AA;
- DASYS 52.10.4(1527); SEMCAD X 14.6.14(7483)

Head/Dipole1800 2/Area Scan (61x131x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 101.64 V/m; Power Drift = -0.04 dB

Fast SAR: SAR(1 g) = 9.69 W/kg; SAR(10 g) = 5.01 W/kg

Maximum value of SAR (interpolated) = 16.1 W/kg

Head/Dipole1800 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 101.64 V/m; Power Drift = -0.04 dB

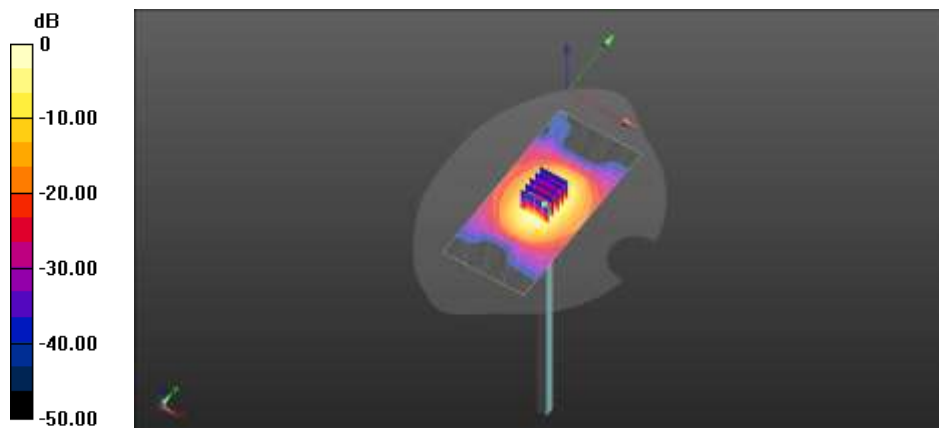
Peak SAR (extrapolated) = 16.1 W/kg

SAR(1 g) = 9.60 W/kg; SAR(10 g) = 4.98 W/kg

Smallest distance from peaks to all points 3 dB below = 9.8 mm

Ratio of SAR at M2 to SAR at M1 = 52.6%

Maximum value of SAR (measured) = 15.5 W/kg



0 dB = 16.1 W/kg = 12.07 dBW/kg

Dipole1900V2

Communication System: UID 0, CW; Communication System Band: D1900 (1900.0 MHz); Frequency: 1900

MHz; Communication System PAR: 0 dB; PMF: 1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.41$ S/m; $\epsilon_r = 40.74$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(8.59, 8.59, 8.59) @ 1900 MHz; Calibrated: 2021-11-06
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-11-17
- Phantom: SAM3; Type: QD 000 P41 AA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Head/Dipole1900/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 103.9 V/m; Power Drift = 0.05 dB

Fast SAR: SAR(1 g) = 9.98 W/kg; SAR(10 g) = 5.05 W/kg

Maximum value of SAR (interpolated) = 16.9 W/kg

Head/Dipole1900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 103.9 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 19.2 W/kg

SAR(1 g) = 9.89 W/kg; SAR(10 g) = 5.05 W/kg

Smallest distance from peaks to all points 3 dB below = 10.1 mm

Ratio of SAR at M2 to SAR at M1 = 52.7%

Maximum value of SAR (measured) = 16.3 W/kg



0 dB = 16.9 W/kg = 12.38 dBW/kg

Dipole2100V2

Communication System: UID 0, CW; Communication System Band: D2100 (2100.0 MHz); Frequency: 2100

MHz; Communication System PAR: 0 dB; PMF: 1

Medium parameters used: $f = 2100$ MHz; $\sigma = 1.48$ S/m; $\epsilon_r = 39.82$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(8.47, 8.47, 8.47) @ 2100 MHz; Calibrated: 2021-11-06
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-11-17
- Phantom: SAM3; Type: QD 000 P41 AA;
- DASYS 52.10.4(1527); SEMCAD X 14.6.14(7483)

Head/Dipole2100 2/Area Scan (61x131x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 104.1 V/m; Power Drift = -0.08 dB

Fast SAR: SAR(1 g) = 10.87 W/kg; SAR(10 g) = 5.32 W/kg

Maximum value of SAR (interpolated) = 18.4 W/kg

Head/Dipole2100 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 104.1 V/m; Power Drift = -0.08 dB

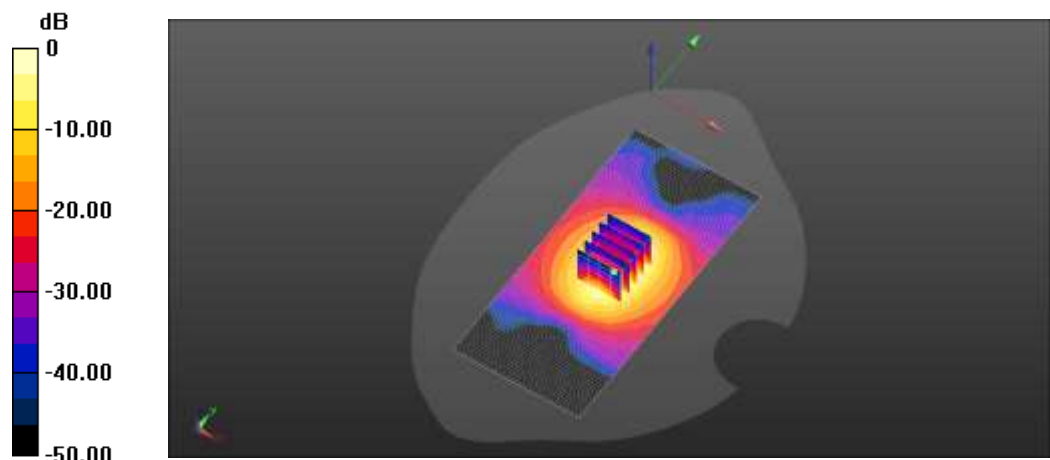
Peak SAR (extrapolated) = 21.8 W/kg

SAR(1 g) = 10.77 W/kg; SAR(10 g) = 5.29 W/kg

Smallest distance from peaks to all points 3 dB below = 10.2 mm

Ratio of SAR at M2 to SAR at M1 = 49.0%

Maximum value of SAR (measured) = 17.8 W/kg



0 dB = 18.4 W/kg = 12.66 dBW/kg

Dipole2300V2

Communication System: UID 0, CW; Communication System Band: D2300 (2300.0 MHz); Frequency: 2300

MHz; Communication System PAR: 0 dB; PMF: 1

Medium parameters used: $f = 2300$ MHz; $\sigma = 1.64$ S/m; $\epsilon_r = 40.28$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(8.32, 8.32, 8.32) @ 2300 MHz; Calibrated: 2021-11-06
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-11-17
- Phantom: SAM3; Type: QD 000 P41 AA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Head/2300MHz/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 102.0 V/m; Power Drift = 0.17 dB

Fast SAR: SAR(1 g) = 11.94 W/kg; SAR(10 g) = 5.64 W/kg

Maximum value of SAR (interpolated) = 20.5 W/kg

Head/2300MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 102.0 V/m; Power Drift = 0.17 dB

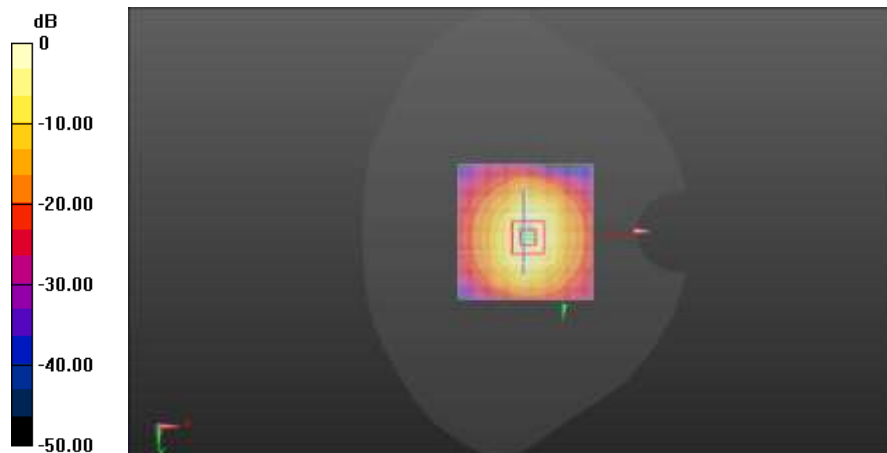
Peak SAR (extrapolated) = 24.4 W/kg

SAR(1 g) = 11.85 W/kg; SAR(10 g) = 5.58 W/kg

Smallest distance from peaks to all points 3 dB below = 9.1 mm

Ratio of SAR at M2 to SAR at M1 = 47.9%

Maximum value of SAR (measured) = 20.1 W/kg



0 dB = 20.5 W/kg = 13.03 dBW/kg

Dipole2450V2

Communication System: UID 0, CW; Communication System Band: D2450 (2450.0 MHz); Frequency: 2450

MHz;Communication System PAR: 0 dB; PMF: 1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.82$ S/m; $\epsilon_r = 38.77$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(8.07, 8.07, 8.07) @ 2450 MHz; Calibrated: 2021-11-06
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-11-17
- Phantom: SAM3; Type: QD 000 P41 AA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Head/Dipole2450/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 106.9 V/m; Power Drift = 0.16 dB

Fast SAR: SAR(1 g) = 12.86 W/kg; SAR(10 g) = 5.89 W/kg

Maximum value of SAR (interpolated) = 23.1 W/kg

Head/Dipole2450/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 106.9 V/m; Power Drift =0.16 dB

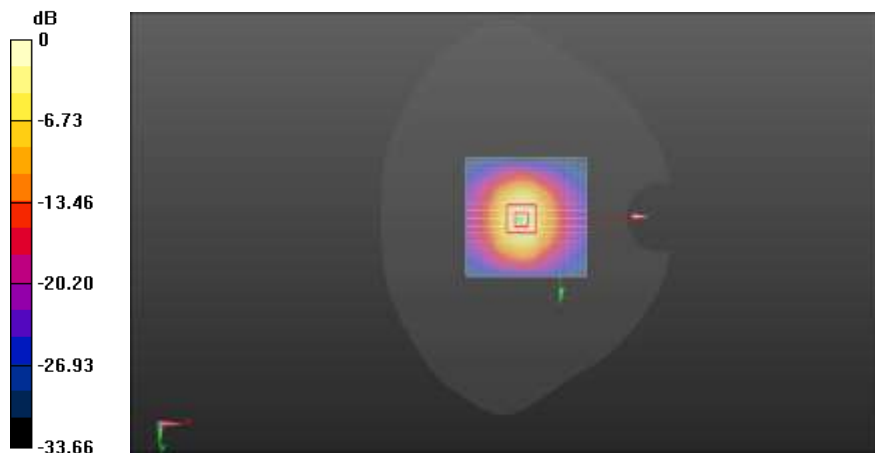
Peak SAR (extrapolated) = 27.0 W/kg

SAR(1 g) = 12.71 W/kg; SAR(10 g) = 5.86 W/kg

Smallest distance from peaks to all points 3 dB below = 8.9 mm

Ratio of SAR at M2 to SAR at M1 = 45.8%

Maximum value of SAR (measured) = 22.0 W/kg



0 dB = 23.1 W/kg = 13.44 dBW/kg

Dipole2600V2

Communication System: UID 0, CW; Communication System Band: D2600 (2600.0 MHz); Frequency: 2600

MHz; Communication System PAR: 0 dB; PMF: 1

Medium parameters used: $f = 2600$ MHz; $\sigma = 2.01$ S/m; $\epsilon_r = 39.08$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(7.86, 7.86, 7.86) @ 2600 MHz; Calibrated: 2021-11-06
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-11-17
- Phantom: SAM3; Type: QD 000 P41 AA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Head/Dipole2600MHz/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 104.5 V/m; Power Drift = -0.11 dB

Fast SAR: SAR(1 g) = 14.34 W/kg; SAR(10 g) = 6.37 W/kg

Maximum value of SAR (interpolated) = 26.5 W/kg

Head/Dipole2600MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 104.5 V/m; Power Drift = -0.11 dB

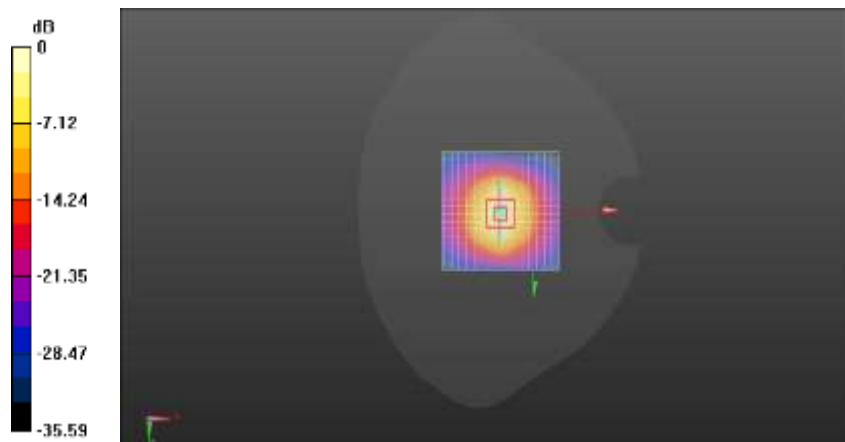
Peak SAR (extrapolated) = 31.0 W/kg

SAR(1 g) = 14.26 W/kg; SAR(10 g) = 6.32 W/kg

Smallest distance from peaks to all points 3 dB below = 9.2 mm

Ratio of SAR at M2 to SAR at M1 = 46.1%

Maximum value of SAR (measured) = 26.0 W/kg



0 dB = 26.5 W/kg = 14.57 dBW/kg

Dipole 5.2GV2

Communication System: UID 0, CW (0); Communication System Band: CW5250; Frequency: 5250 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005
Medium parameters used: $f = 5200$ MHz; $\sigma = 4.76$ S/m; $\epsilon_r = 35.99$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

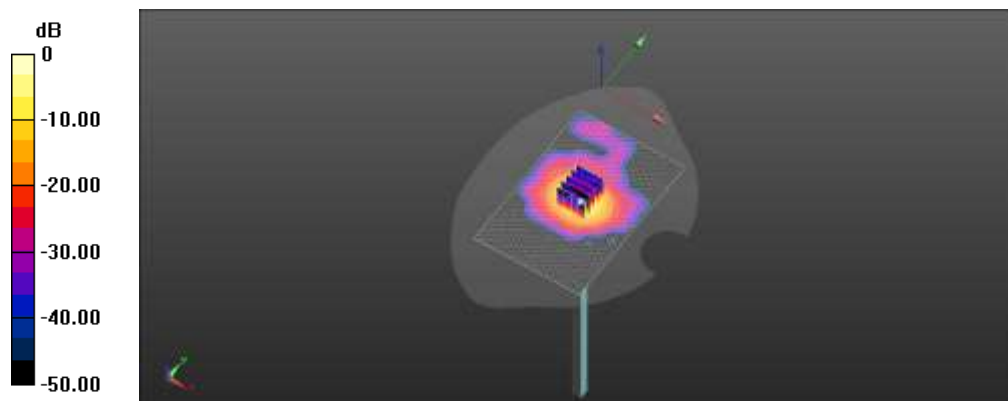
- Probe: EX3DV4 - SN7623; ConvF(5.5, 5.5, 5.5) @ 5250 MHz; Calibrated: 2021-11-06
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-11-17
- Phantom: SAM3; Type: QD 000 P41 AA;
- DASYS 52.10.4(1527); SEMCAD X 14.6.14(7483)

Head5.3/5.250G 3/Area Scan (81x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Reference Value = 64.35 V/m; Power Drift = -0.02 dB

Fast SAR: SAR(1 g) = 7.62 W/kg; SAR(10 g) = 2.21 W/kg
Maximum value of SAR (interpolated) = 18.4 W/kg

Head5.3/5.250G 3/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 64.35 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 31.2 W/kg
SAR(1 g) = 7.55 W/kg; SAR(10 g) = 2.17 W/kg
Smallest distance from peaks to all points 3 dB below = 7.1 mm
Ratio of SAR at M2 to SAR at M1 = 65.2%
Maximum value of SAR (measured) = 18.0 W/kg



0 dB = 18.4 W/kg = 12.24 dBW/kg

Dipole 5.6GV2

Communication System: UID 0, CW (0); Communication System Band: CW5600; Frequency: 5600 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005
Medium parameters used: $f = 5600$ MHz; $\sigma = 5.14$ S/m; $\epsilon_r = 35.57$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(4.95, 4.95, 4.95) @ 5600 MHz; Calibrated: 2021-11-06
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-11-17
- Phantom: SAM3; Type: QD 000 P41 AA;
- DASYS 52.10.4(1527); SEMCAD X 14.6.14(7483)

Head5.6/5.6G 2/Area Scan (81x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 62.94 V/m; Power Drift = -0.15 dB

Fast SAR: SAR(1 g) = 7.91 W/kg; SAR(10 g) = 2.25 W/kg

Maximum value of SAR (interpolated) = 20.1 W/kg

Head5.6/5.6G 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 62.94 V/m; Power Drift = -0.15 dB

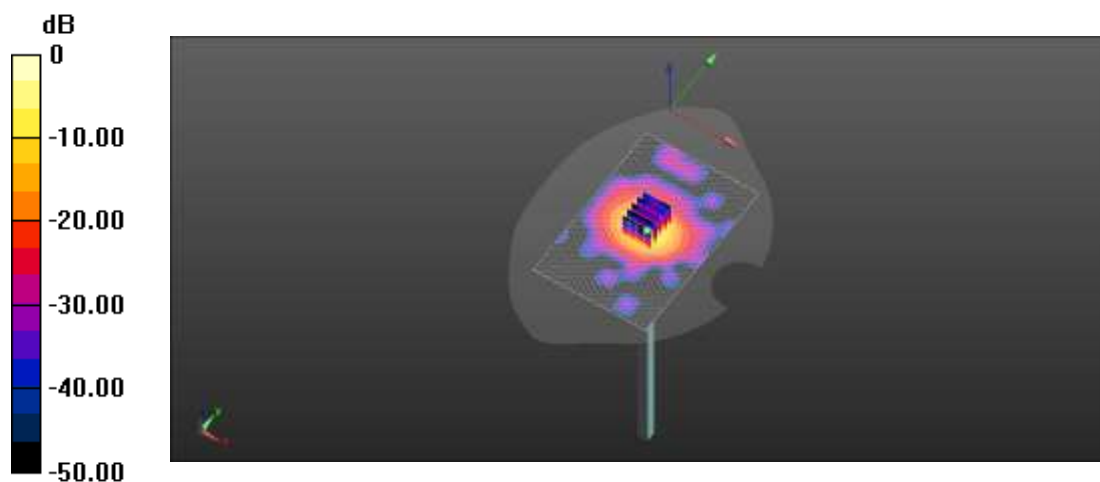
Peak SAR (extrapolated) = 35.4 W/kg

SAR(1 g) = 7.79 W/kg; SAR(10 g) = 2.21 W/kg

Smallest distance from peaks to all points 3 dB below = 7.1 mm

Ratio of SAR at M2 to SAR at M1 = 60.8%

Maximum value of SAR (measured) = 19.1 W/kg



0 dB = 20.1 W/kg = 12.82 dBW/kg

Dipole 5.75GV2

Communication System: UID 0, CW (0); Communication System Band: CW5750; Frequency: 5750 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005
Medium parameters used: $f = 5750$ MHz; $\sigma = 5.07$ S/m; $\epsilon_r = 34.71$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(4.93, 4.93, 4.93) @ 5750 MHz; Calibrated: 2021-11-06
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2021-11-17
- Phantom: SAM3; Type: QD 000 P41 AA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Head5.8/5.75G 4/Area Scan (81x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 63.30 V/m; Power Drift = -0.15 dB

Fast SAR: SAR(1 g) = 7.85 W/kg; SAR(10 g) = 2.26 W/kg

Maximum value of SAR (interpolated) = 19.8 W/kg

Head5.8/5.75G 4/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 63.30 V/m; Power Drift = -0.15 dB

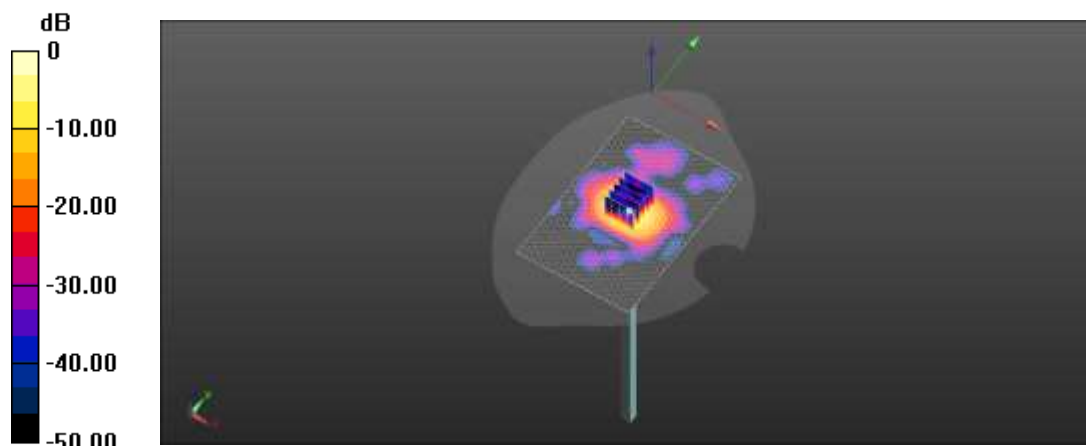
Peak SAR (extrapolated) = 36.7 W/kg

SAR(1 g) = 7.75 W/kg; SAR(10 g) = 2.19 W/kg

Smallest distance from peaks to all points 3 dB below = 7.1 mm

Ratio of SAR at M2 to SAR at M1 = 59.3%

Maximum value of SAR (measured) = 19.2 W/kg



0 dB = 19.8 W/kg = 12.51 dBW/kg