

20180913_System Check_Dipole1750V2 SN2d062

Frequency: 1750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated): $f = 1750$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³;

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn877; Calibrated: 3/20/2018
- Probe: EX3DV4 - SN3665; ConvF(8.11, 8.11, 8.11); Calibrated: 8/6/2018
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Body/Pin=100mW, d=10mm/Area Scan (8x9x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 2.34 mW/g

Body/Pin=100mW, d=10mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

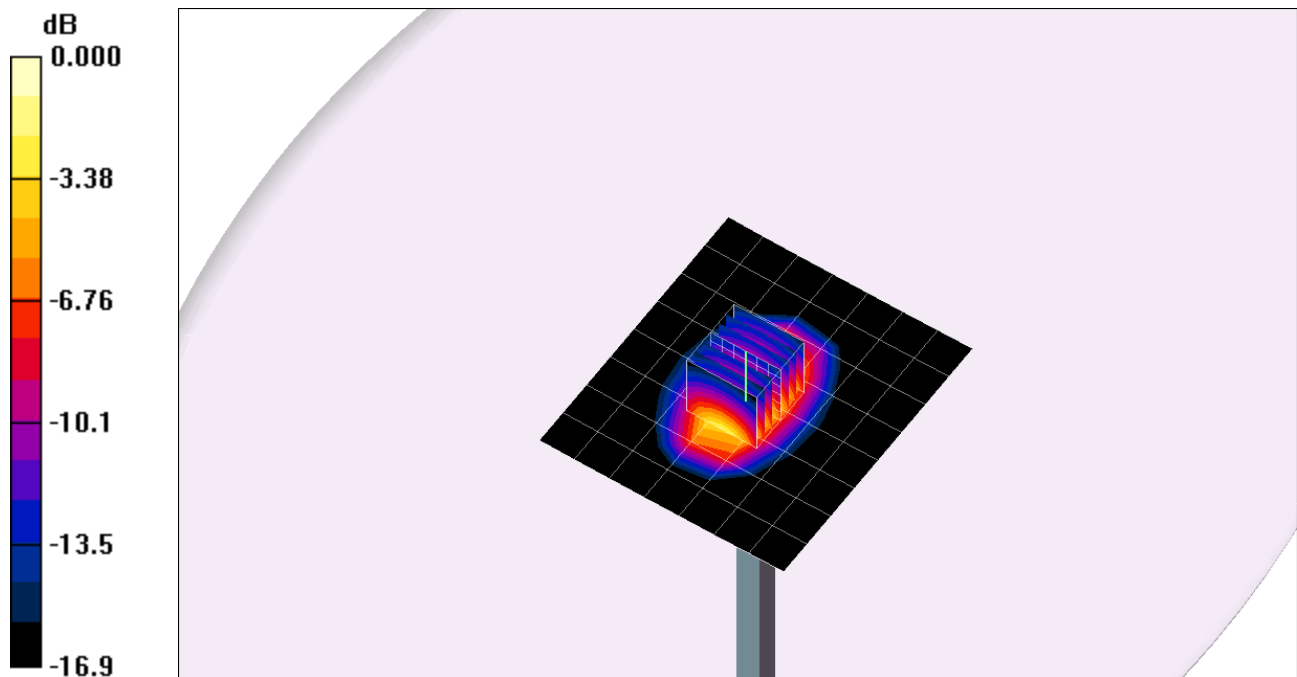
Reference Value = 45.1 V/m; Power Drift = 0.066 dB

Peak SAR (extrapolated) = 3.96 W/kg

SAR(1 g) = 3.85 mW/g; SAR(10 g) = 2.01 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 3.12 mW/g



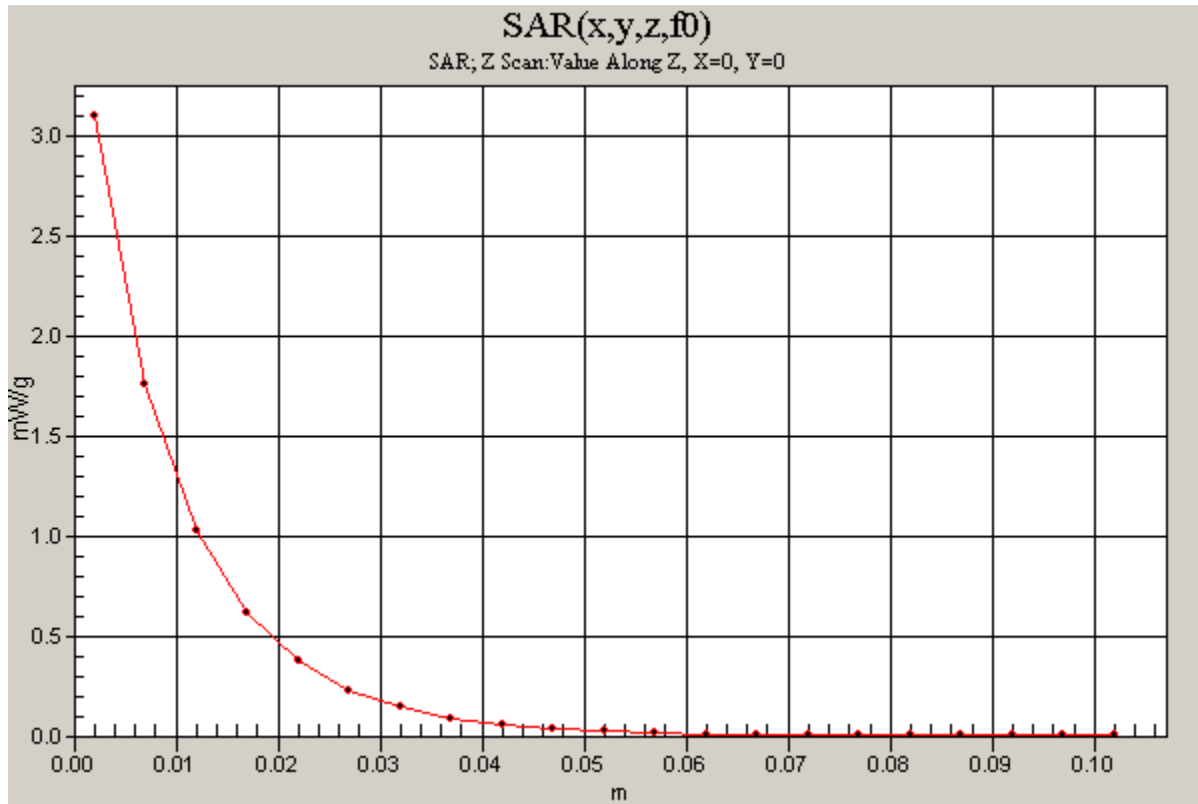
0 dB = 3.12mW/g

20180913_System Check_Dipole1750V2 SN2d062

Frequency: 1750 MHz; Duty Cycle: 1:1

Body/Pin=100mW, d=10mm/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 3.10 mW/g



20180913_System Check_Dipole1900V2 SN5d056

Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated): $f = 1900$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 50.9$; $\rho = 1000$ kg/m³;

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn877; Calibrated: 3/20/2018
- Probe: EX3DV4 - SN3665; ConvF(7.74, 7.74, 7.74); Calibrated: 8/6/2018
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Head/Pin=100mW, d=10mm/Area Scan (8x9x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.92 mW/g

Head/Pin=100mW, d=10mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

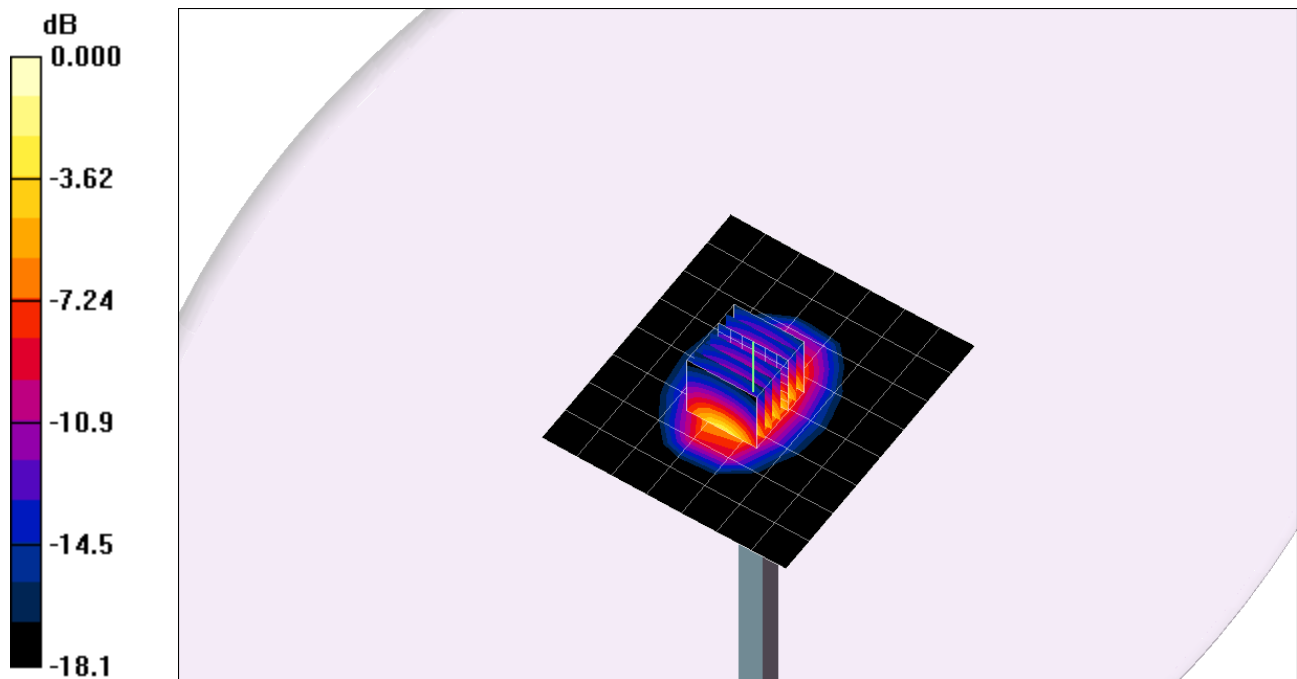
Reference Value = 43.0 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 4.96 W/kg

SAR(1 g) = 4.02 mW/g; SAR(10 g) = 2.17 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 3.87 mW/g



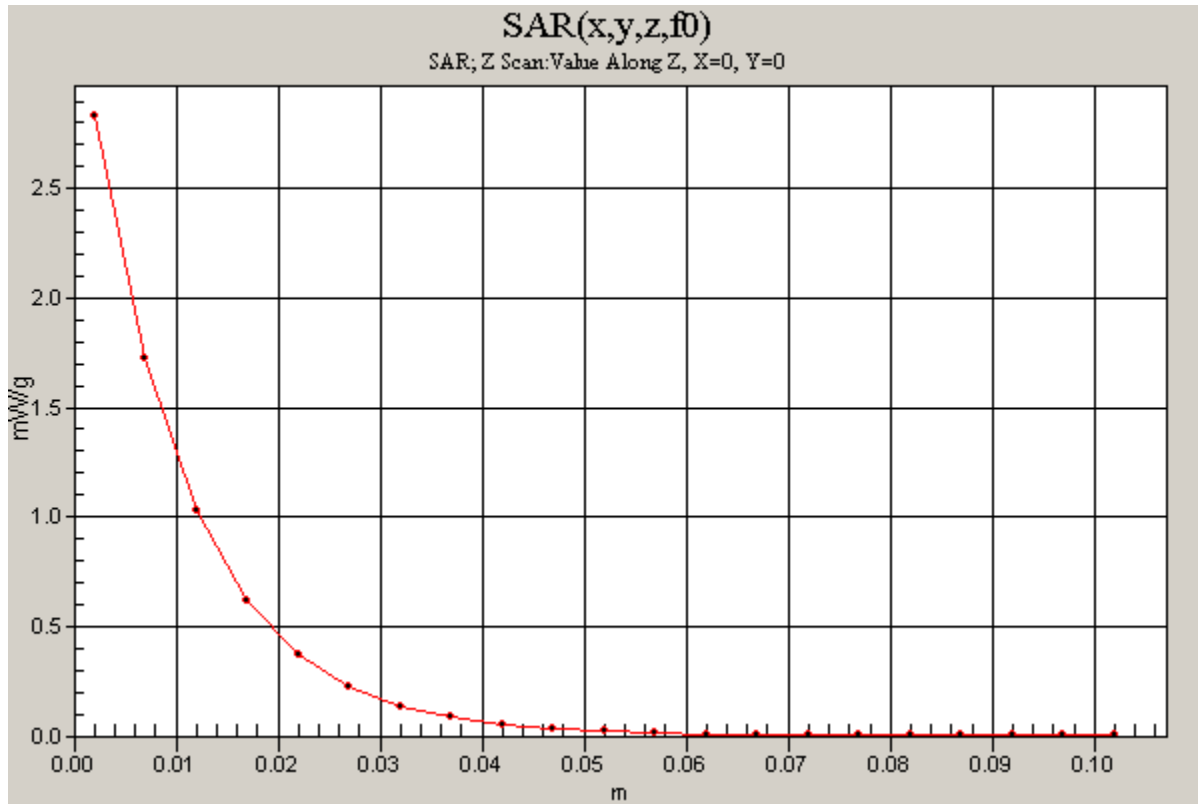
0 dB = 3.87mW/g

20180913_System Check_Dipole1900V2 SN5d056

Frequency: 1900 MHz; Duty Cycle: 1:1

Head/Pin=100mW, d=10mm/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 2.83 mW/g



20180914_System Check_Dipole750 1020

Frequency: 750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated): $f = 750$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³;

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn877; Calibrated: 3/20/2018
- Probe: EX3DV4 - SN3665; ConvF(10.08, 10.08, 10.08); Calibrated: 8/6/2018
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Head/Pin=250mW, d=15mm/Area Scan (9x12x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.368 mW/g

Head/Pin=250mW, d=15mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

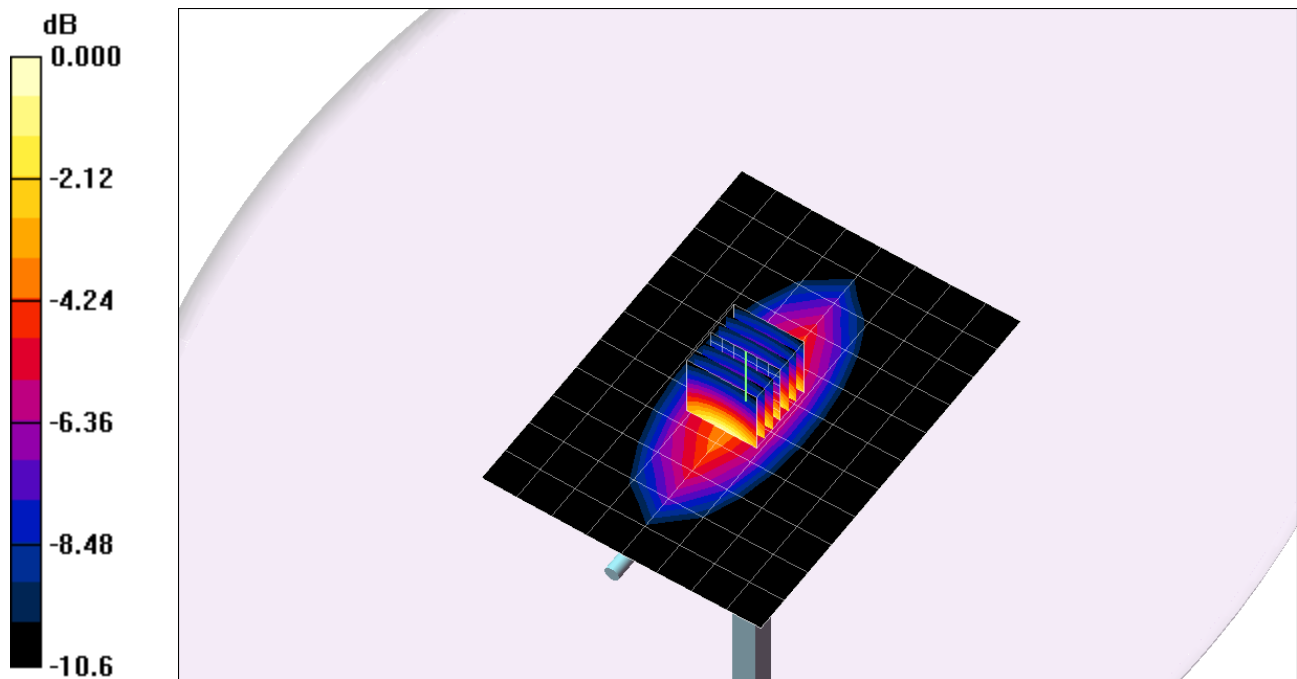
Reference Value = 24.7 V/m; Power Drift = 0.025 dB

Peak SAR (extrapolated) = 0.912 W/kg

SAR(1 g) = 0.896 mW/g; SAR(10 g) = 0.591 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.764 mW/g



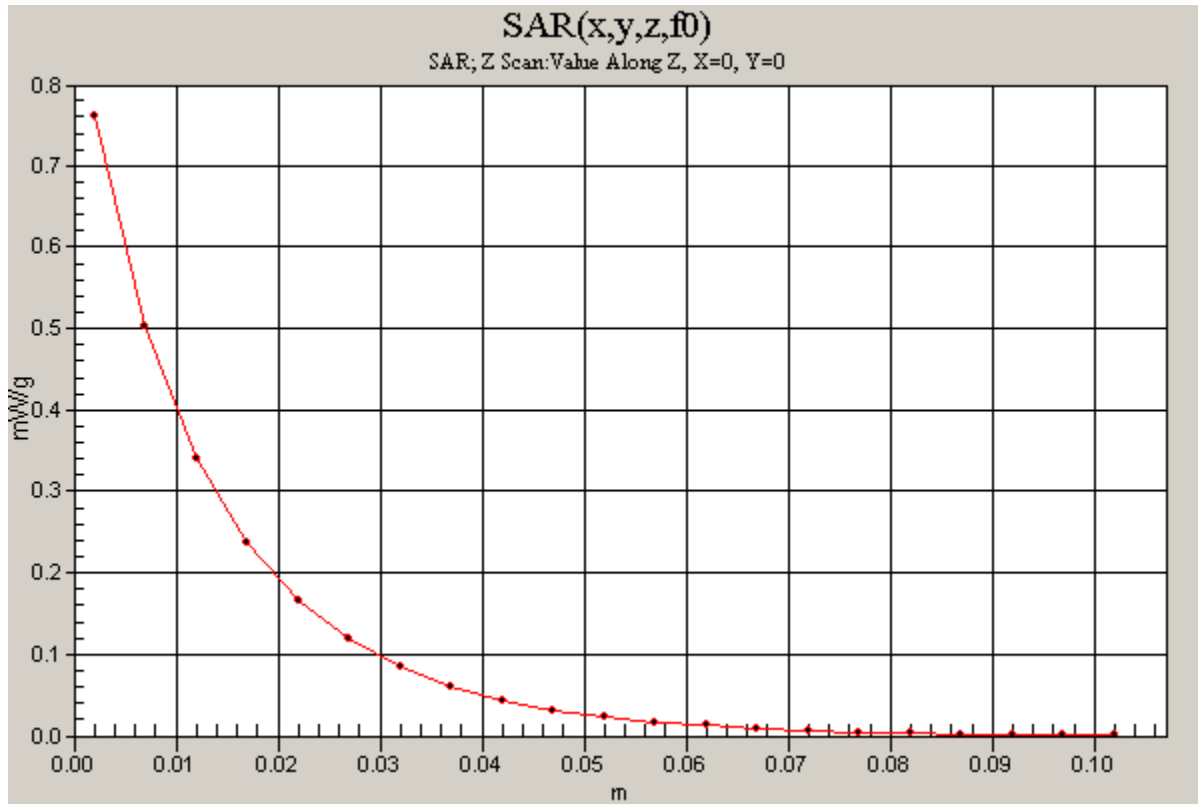
0 dB = 0.764mW/g

20180914_System Check_Dipole750 1020

Frequency: 750 MHz; Duty Cycle: 1:1

Head/Pin=250mW, d=15mm/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.761 mW/g



20180914_System Check_Dipole835V2 SN4d015

Frequency: 835 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 835.3$ MHz; $\sigma = 0.985$ mho/m; $\epsilon_r = 55.1$; $\rho = 1000$ kg/m³;

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn877; Calibrated: 3/20/2018
- Probe: EX3DV4 - SN3665; ConvF(9.72, 9.72, 9.72); Calibrated: 8/6/2018
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Head/Pin=100mW, d=15mm/Area Scan (9x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.388 mW/g

Head/Pin=100mW, d=15mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm,

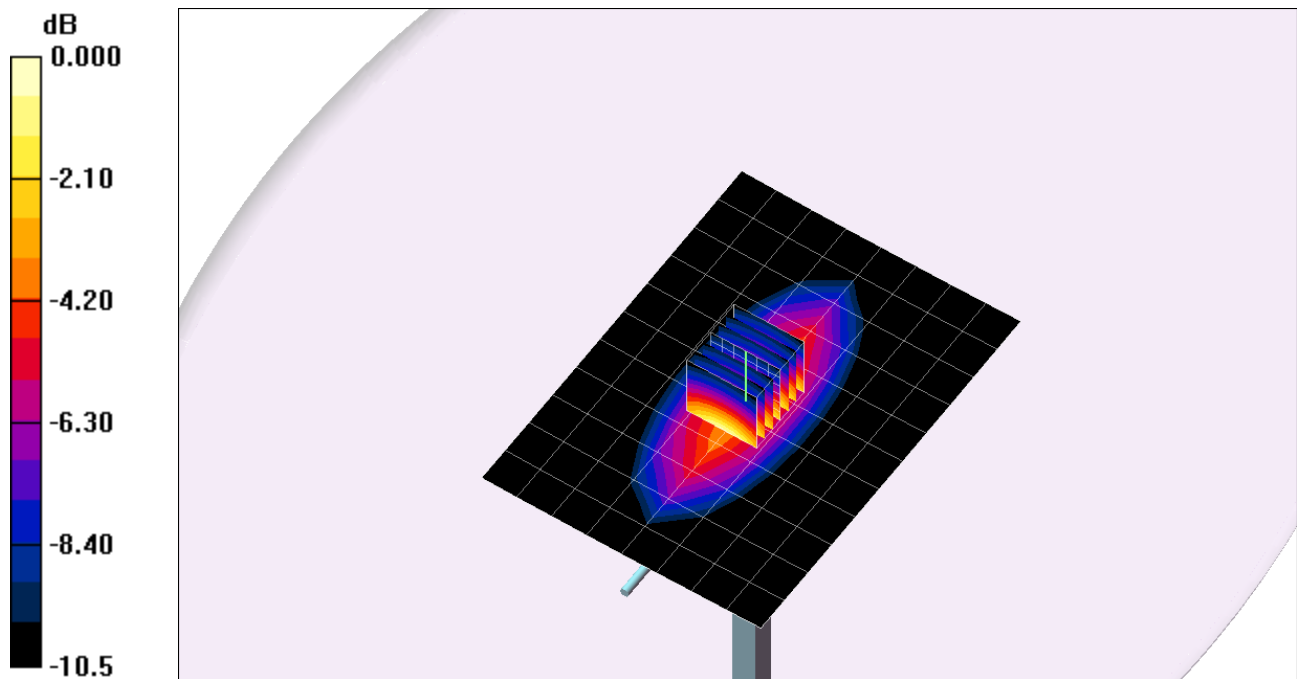
dz=5mm

Reference Value = 25.2 V/m; Power Drift = 0.025 dB

Peak SAR (extrapolated) = 0.951 W/kg

SAR(1 g) = 0.996 mW/g; SAR(10 g) = 0.651 mW/g

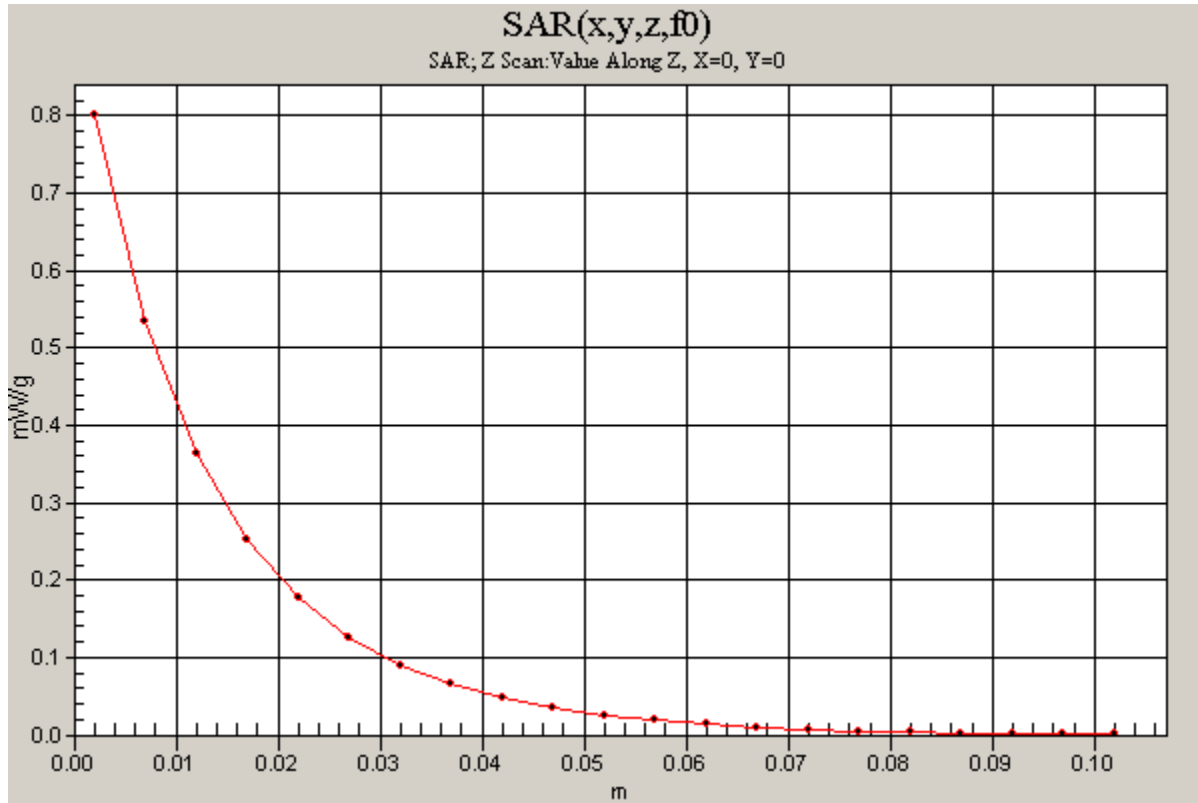
Maximum value of SAR (measured) = 0.804 mW/g



0 dB = 0.804mW/g

20180914_System Check_Dipole835V2 SN4d015

Frequency: 835 MHz; Duty Cycle: 1:1

Head/Pin=100mW, d=15mm/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.801 mW/g

20181001_System check_Diple2450v2 SN735

Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.5°C

Medium parameters used (interpolated): $f = 2450$ MHz; $\sigma = 2.033$ S/m; $\epsilon_r = 52.045$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn877; Calibrated: 2018/3/20
- Probe: EX3DV4 - SN3665; ConvF(7.52, 7.52, 7.52); Calibrated: 2018/8/6;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056

Body/Pin=100mW, d=10mm/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 7.77 W/kg

Body/Pin=100mW, d=10mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

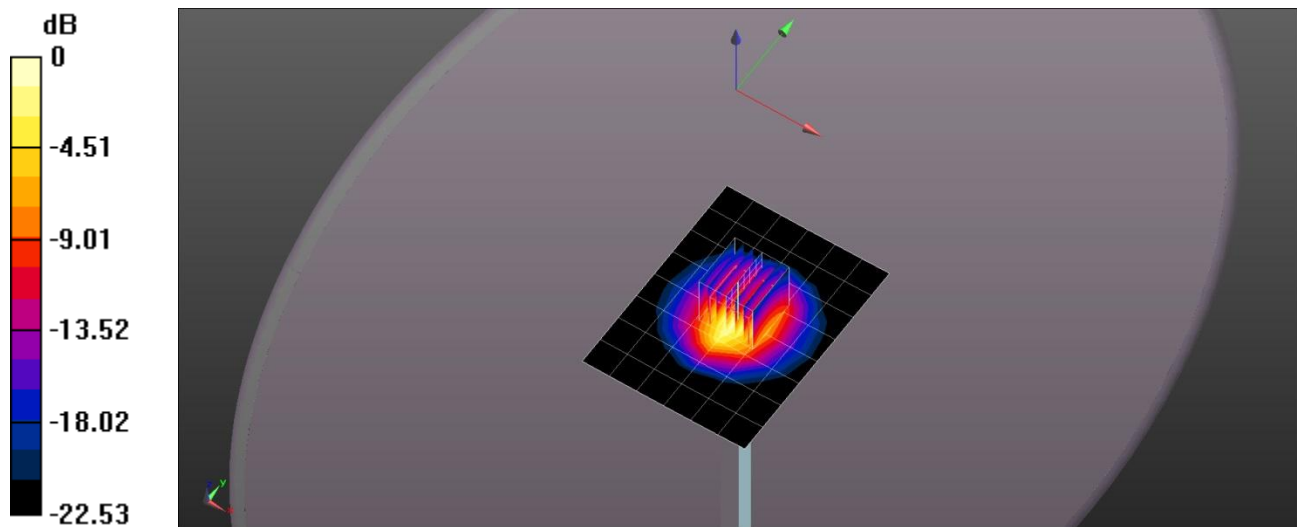
Reference Value = 64.17 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 9.73 W/kg

SAR(1 g) = 5.13 W/kg; SAR(10 g) = 2.45 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 7.98 W/kg



0 dB = 7.98 W/kg = 9.02 dBW/kg

20181001_System check_Diple2450v2 SN735

Frequency: 2450 MHz; Duty Cycle: 1:1

Body/Pin=100mW, d=10mm/Z Scan (1x1x11): Measurement grid: dx=20mm, dy=20mm, dz=10mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 4.77 W/kg

