

System Performance Check-2450MHz

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

Frequency: 2450 MHz;

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.778$ S/m; $\epsilon_r = 40.126$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7383; ConvF(7.75, 7.75, 7.75); Calibrated: 2020/11/30;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE3 Sn427; Calibrated: 2020/3/31
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1235
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Flat Section/Area Scan (6x8x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 18.2 W/kg

Configuration/Flat Section/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm,

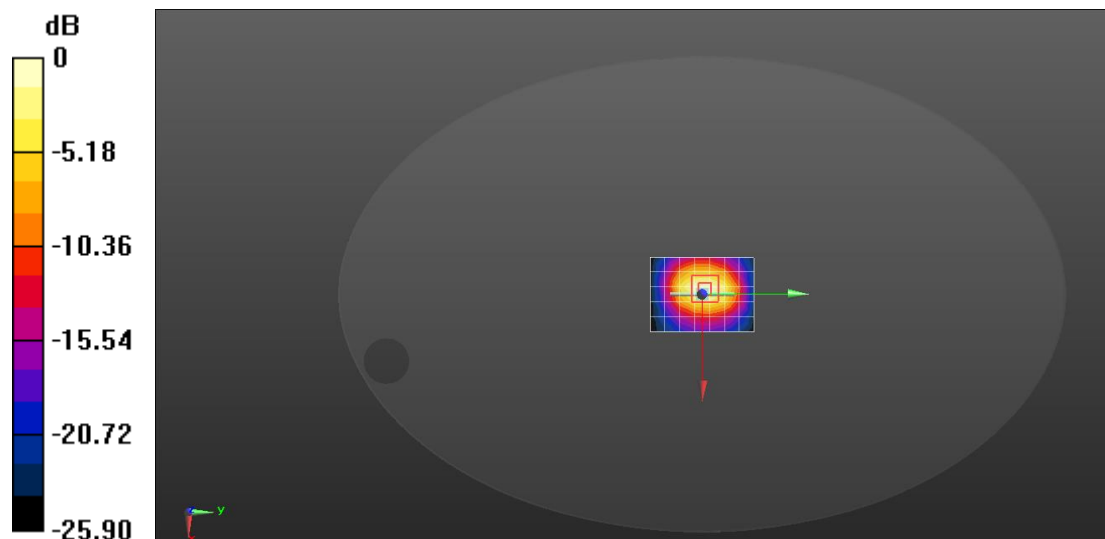
$dy=5$ mm, $dz=5$ mm

Reference Value = 87.56 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 28.0 W/kg

SAR(1 g) = 13.7 W/kg; SAR(10 g) = 6.35 W/kg

Maximum value of SAR (measured) = 19.4 W/kg



0 dB = 18.2 W/kg = 12.60 dBW/kg

System Performance Check-D3500Hz_3500MHz

Communication System: UID 0, CW (0); Communication System Band: D3500 (3500.0 MHz);

Frequency: 3500 MHz;

Medium parameters used: $f = 3500$ MHz; $\sigma = 3$ S/m; $\epsilon_r = 36.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7383; ConvF(6.95, 6.95, 6.95); Calibrated: 2020/11/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- Electronics: DAE3 Sn427; Calibrated: 2020/3/31
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1235
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

System Performance Check with D3500HzV2 Dipole (graded grid)/d=10mm,

Pin=100mW/Area Scan (11x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 11.5 W/kg

System Performance Check with D3500HzV2 Dipole (graded grid)/d=10mm,

Pin=100mW/Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0:

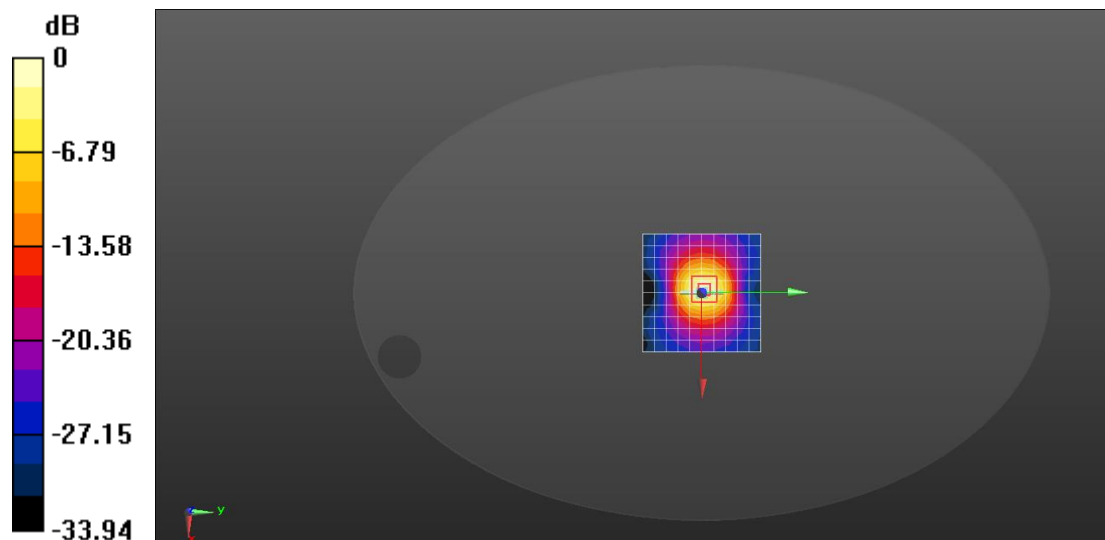
Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 65.43 V/m; Power Drift = 0.24 dB

Peak SAR (extrapolated) = 18.3 W/kg

SAR(1 g) = 6.32 W/kg; SAR(10 g) = 2.37 W/kg

Maximum value of SAR (measured) = 12.4 W/kg



0 dB = 11.5 W/kg = 10.61 dBW/kg

System Performance Check-3700MHz

Communication System: UID 0, CW (0); Communication System Band: D3700 (3700.0 MHz);

Frequency: 3700 MHz;

Medium parameters used: $f = 3700$ MHz; $\sigma = 3.28$ S/m; $\epsilon_r = 36$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7383; ConvF(6.7, 6.7, 6.7); Calibrated: 2020/11/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- Electronics: DAE3 Sn427; Calibrated: 2020/3/31
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1235
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

System Performance Check with D3700HzV2 Dipole (graded grid)/d=10mm,

Pin=100mW/Area Scan (11x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 13.4 W/kg

System Performance Check with D3700HzV2 Dipole (graded grid)/d=10mm,

Pin=100mW/Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0:

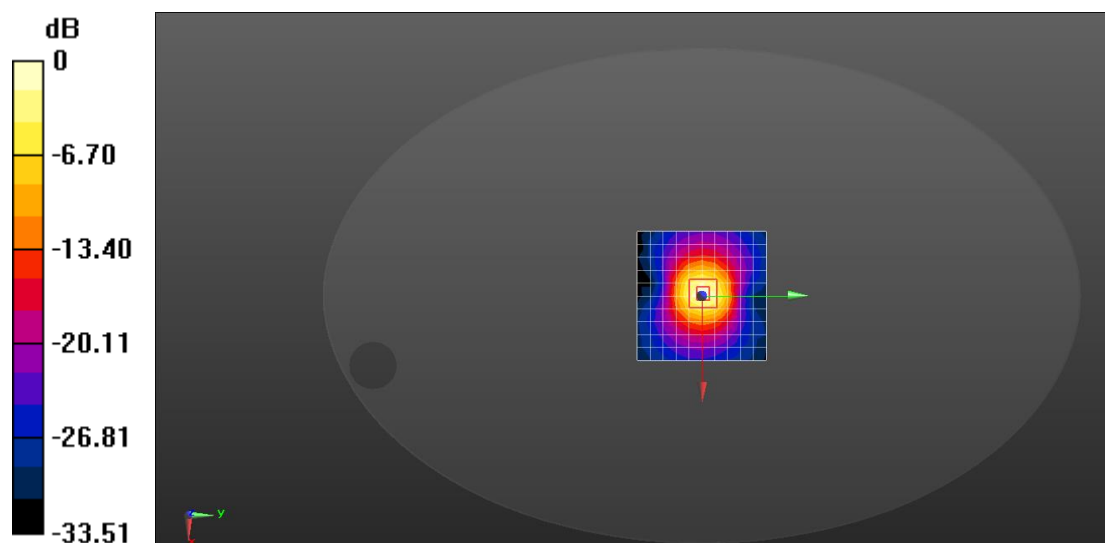
Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 68.53 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 19.6 W/kg

SAR(1 g) = 6.95 W/kg; SAR(10 g) = 2.56 W/kg

Maximum value of SAR (measured) = 13.6 W/kg



0 dB = 13.4 W/kg = 11.27 dBW/kg

System Performance Check-D5GHz_5250MHz

Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5250 MHz;

Medium parameters used: $f = 5250$ MHz; $\sigma = 4.843$ S/m; $\epsilon_r = 35.929$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7383; ConvF(5.68, 5.68, 5.68); Calibrated: 2020/11/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- Electronics: DAE3 Sn427; Calibrated: 2020/3/31
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1235
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5250 MHz/Area Scan (6x6x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 12.9 W/kg

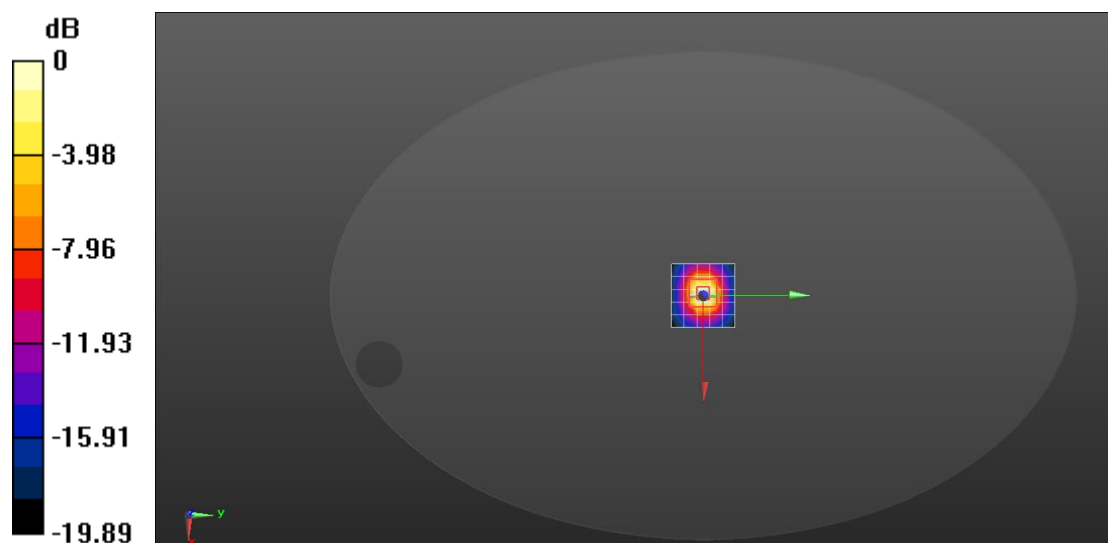
System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5250 MHz/Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 66.16 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 31.3 W/kg

SAR(1 g) = 7.75 W/kg; SAR(10 g) = 2.27 W/kg

Maximum value of SAR (measured) = 18.0 W/kg



0 dB = 12.9 W/kg = 11.11 dBW/kg

System Performance Check-D5GHz_5750MHz

Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5750 MHz;

Medium parameters used: $f = 5750$ MHz; $\sigma = 5.353$ S/m; $\epsilon_r = 34.08$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7383; ConvF(5.12, 5.12, 5.12); Calibrated: 2020/11/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- Electronics: DAE3 Sn427; Calibrated: 2020/3/31
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1235
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5750 MHz/Area Scan (6x6x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 15.2 W/kg

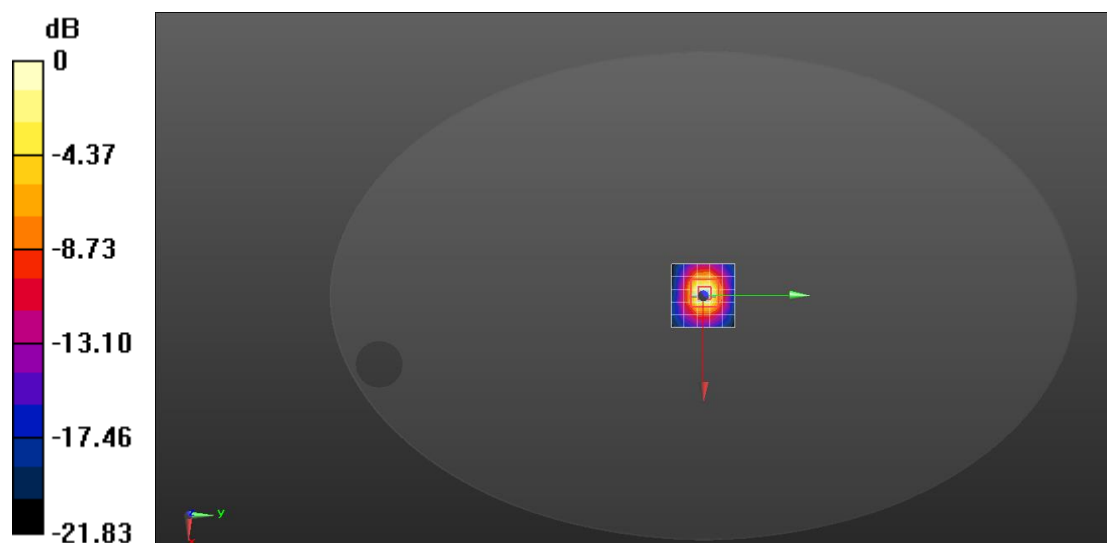
System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5750 MHz/Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 66.14 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 34.7 W/kg

SAR(1 g) = 8.3 W/kg; SAR(10 g) = 2.41 W/kg

Maximum value of SAR (measured) = 20.0 W/kg



0 dB = 15.2 W/kg = 11.82 dBW/kg