



Report No. :20247010317

System Verification Plots

system check-2450MHz-flat SAM2

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 – SN: 897

Communication System: CW; Communication System Band: D2450 (2450.0 MHz);
Frequency: 2450 MHz; Communication System PAR: 0 dB; PMF: 1
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.813$ mho/m; $\epsilon_r = 38.96$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

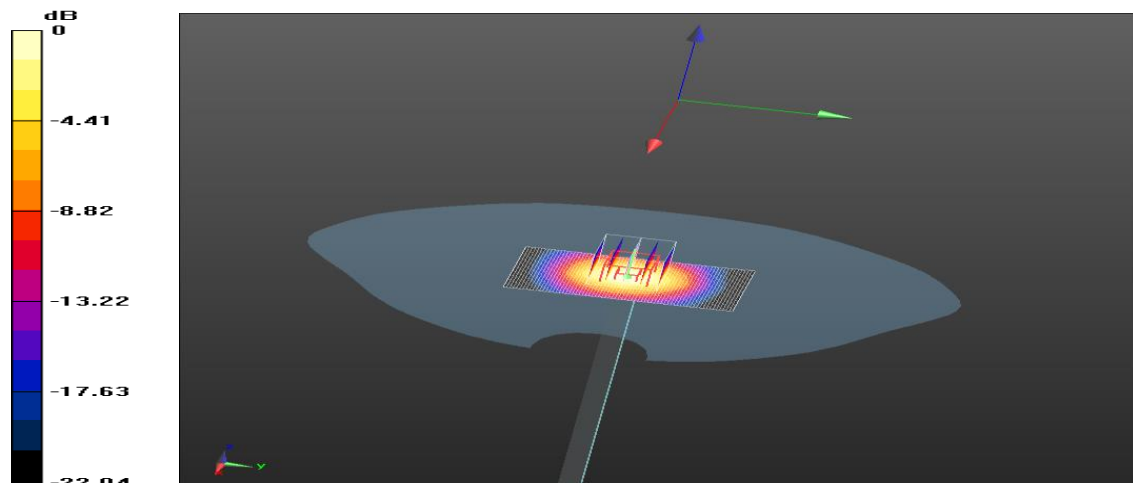
DASY Configuration:

- Probe: EX3DV4 - SN3880; ConvF(7.29, 7.29, 7.29); Calibrated: 2022/5/6;
 - Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1346; Calibrated: 2024/1/15
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1723
- DASYS 52.8.2(969); SEMCAD X 14.6.6(6824)

Configuration/d=10mm Pin=250mW/Area Scan (41x71x1): Interpolated grid:
 $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 13.5 W/kg

Configuration/d=10mm Pin=250mW/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 78.770 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 22.530 mW/g
SAR(1 g) = 11.4 mW/g; SAR(10 g) = 5.27 mW/g

Maximum value of SAR (measured) = 19.5 W/kg



0 dB = 19.5 W/kg = 25.80 dB W/kg

system check-5200MHz-flat SAM1

DUT: Dipole 5250 MHz; Type: D5GHzV2; Serial: 1135

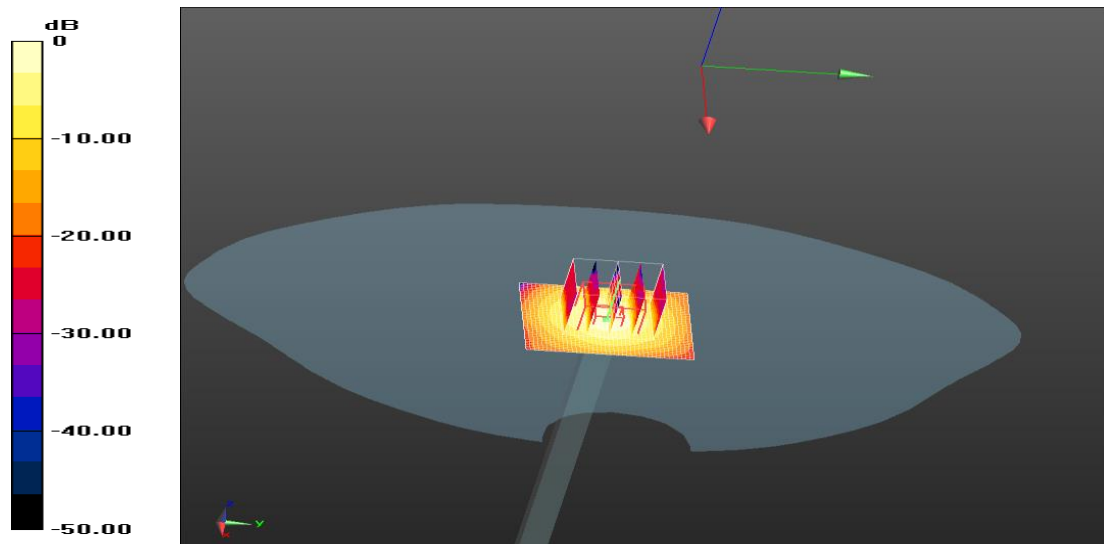
Communication System: CW; Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5250 MHz; Communication System PAR: 0 dB; PMF: 1
Medium parameters used: $f = 5250$ MHz; $\sigma = 4.726$ mho/m; $\epsilon_r = 35.672$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3880; ConvF(5.24, 5.24, 5.24); Calibrated: 2022/5/6;
 - Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1346; Calibrated: 2024/1/15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1730
- DASYS 52.8.2(969); SEMCAD X 14.6.6(6824)

Configuration/d=10mm,Pin=250mW/Area Scan (41x41x1): Interpolated grid:
 $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 17.3 W/kg

Configuration/d=10mm,Pin=250mW/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 55.776 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 29.08 mW/g
SAR(1 g) = 17.97 mW/g; SAR(10 g) = 5.48 mW/g
Maximum value of SAR (measured) = 20.83 W/kg



0 dB = 20.83 W/kg = 26.37 dB W/kg

system check-5750MHz-flat SAM1

DUT: Dipole 5750 MHz; Type: D5GHzV2; Serial: 1135

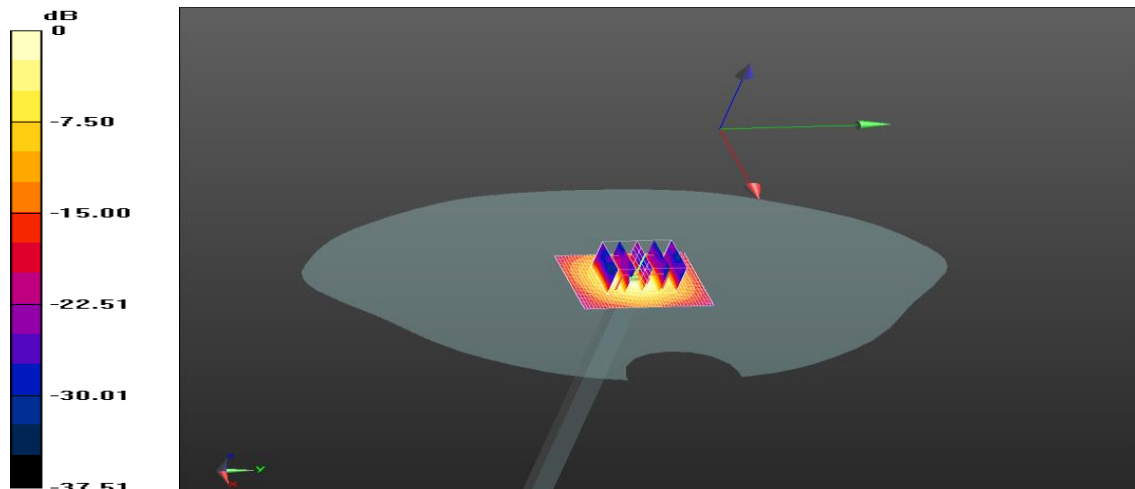
Communication System: CW; Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5800 MHz; Communication System PAR: 0 dB; PMF: 1
Medium parameters used: $f = 5750$ MHz; $\sigma = 5.368$ mho/m; $\epsilon_r = 34.204$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3880; ConvF(4.66, 4.66, 4.66); Calibrated: 2022/5/6;
 - Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1346; Calibrated: 2024/1/15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1730
- DASYS 52.8.2(969); SEMCAD X 14.6.6(6824)

Configuration/d=10mm,Pin=250mW/Area Scan (41x41x1): Interpolated grid:
 $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 32.41 W/kg

Configuration/d=10mm,Pin=250mW/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 64.80 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 43.762 mW/g
SAR(1 g) = 17.65 mW/g; SAR(10 g) = 4.87 mW/g
Maximum value of SAR (measured) = 36.42 W/kg



0 dB = 36.42 W/kg = 31.23 dB W/kg