

Plot 1

Date/Time: 3/8/2024 3:37:14 PM

Test Laboratory: Microsoft EMC

DUT: 2082; **Serial:** 0E33KCK24023KM

Communication System: UID 0, Bluetooth (0); Communication System Band: Bluetooth; Frequency: 2440 MHz;
Communication System PAR: 0 dB; PMF: 1.12202e-005

Medium parameters used: $f = 2440$ MHz; $\sigma = 1.798$ S/m; $\epsilon_r = 37.884$; $\rho = 1000$ kg/ m3

Phantom section: Flat Section

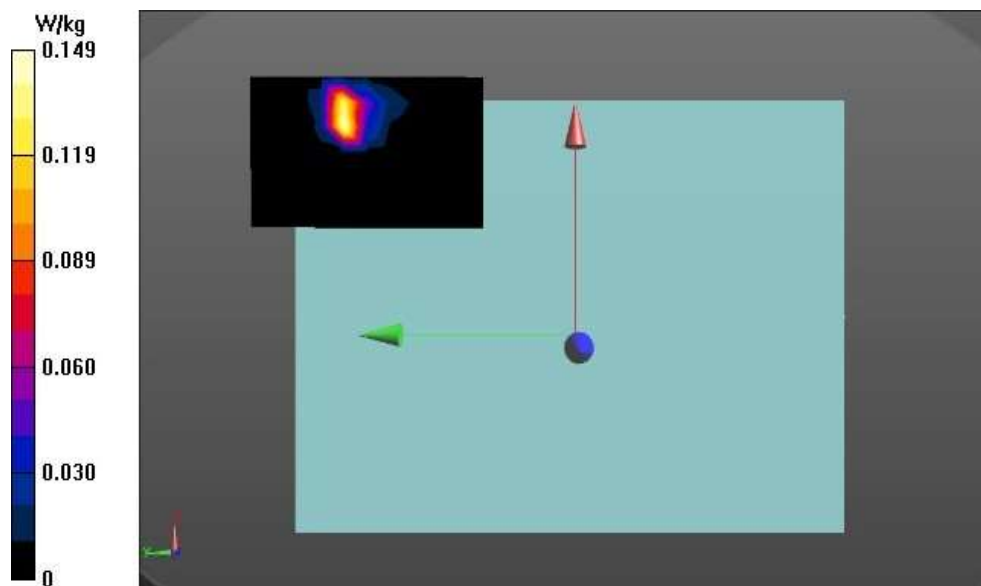
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3999; ConvF(7.57, 7.88, 7.6); Calibrated: 9/20/2023
 - Modulation Compensation:
- Sensor- Surface: 2mm (Mechanical Surface Detection): $z = 1.0, 33.0$
- Electronics: DAE4 Sn1384; Calibrated: 9/8/2023
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002XA; Serial: TP:1217
- DASYS2 52.10.0(1444); SEMCAD X 14.6.10(7416)

2082 BLE/Ch 19,2440 MHz front/Area Scan (7x11x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.149 W/kg

2082 BLE/Ch 19,2440 MHz front/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 8.997 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.467 W/kg
SAR(1g) = 0.125 W/kg; SAR(10g) = 0.043 W/kg
Maximum value of SAR (measured) = 0.220 W/kg



Plot 2

Date/Time: 3/14/2024 3:24:01 PM

Test Laboratory: Microsoft EMC

Front_0mm_Open

DUT: 2082; Serial: 0E348BM24013KM

Communication System: UID 0, CW (0); Frequency: 13.56 MHz

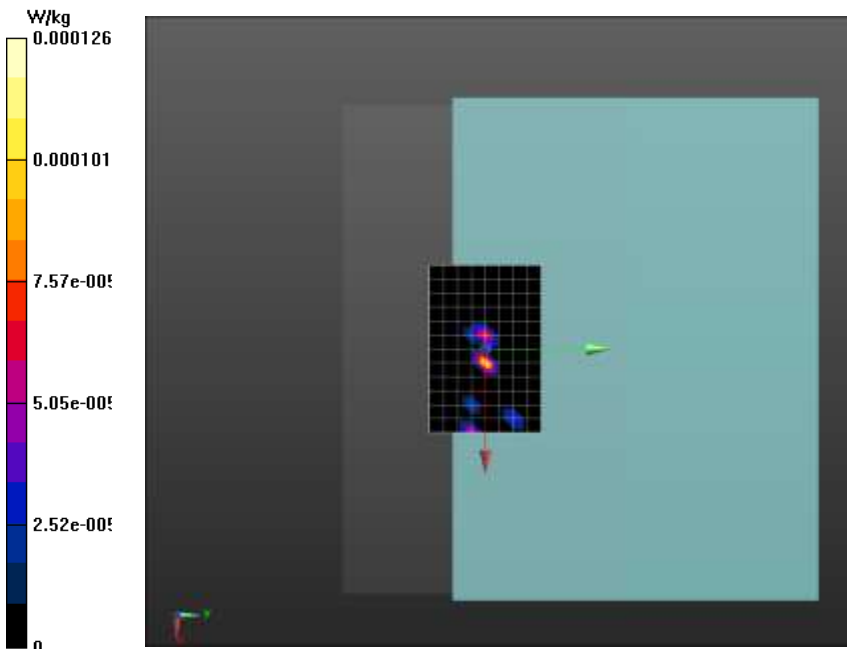
Medium parameters used (interpolated): $f = 13.56$ MHz; $\sigma = 0.776$ S/m; $\epsilon_r = 54.164$; $\rho = 1000$ kg/m³

Phantom section: Center Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3960; ConvF(16.26, 16.26, 16.26); Calibrated: 12/5/2023;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0$
- Electronics: DAE4 Sn1709; Calibrated: 11/17/2023
- Phantom: Triple Flat Phantom 5.1C - Back; Type: QD 000 P51 CA; Serial: 1141/1
- DASYS 52.10.0(1444); SEMCAD X 14.6.10(7416)
NFC WPT - front 0mm w/o Pen/Area Scan (13x9x1): Measurement grid: $dx=8$ mm, $dy=8$ mm
Maximum value of SAR (measured) = 0.000126 W/kg



Plot 3

Date/Time: 3/7/2024 5:34:40 PM

Test Laboratory: Microsoft EMC

DUT: Dipole 2450 MHz D2450V2 917; Type: D2450V2; Serial: D2450V2 - SN:917

Communication System: UID 0, CW (0); Communication System Band: D2450 (2450.0 MHz); Frequency: 2450 MHz;
Communication System PAR: 0 dB; PMF: 1

Medium parameters used (interpolated): $f = 2450$ MHz; $\sigma = 1.807$ S/m; $\epsilon_r = 37.874$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3999; ConvF(7.57, 7.88, 7.6); Calibrated: 9/20/2023;
 - Modulation Compensation:
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.02, 33.0$
- Electronics: DAE4 Sn1384; Calibrated: 9/8/2023
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002XA; Serial: TP:1217
- DASYS2 52.10.0(1444); SEMCAD X 14.6.10(7416)

System Verification @ 2450MHz, Pin= 20 dBm/Area Scan (8x8x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 7.26 W/kg

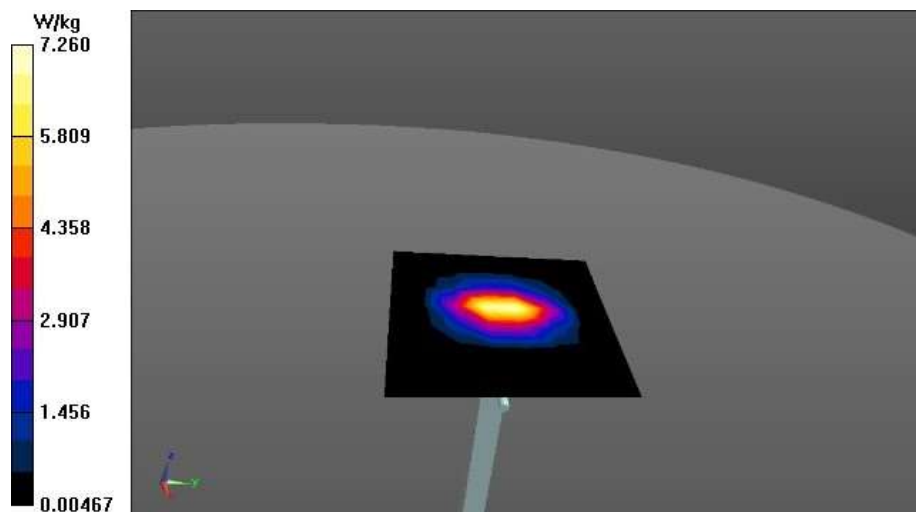
System Verification @ 2450MHz, Pin= 20 dBm, Pin= 20 dBm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm; $dz=5$ mm

Reference Value = 54.33 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 10.5 W/kg

SAR (1g) = 5.33 W/kg; SAR (10g) = 2.5 W/kg

Maximum value of SAR (measured) = 8.06 W/kg



Plot 4

Date/Time: 3/13/2024 6:22:32 PM

Test Laboratory: Microsoft EMC

DUT: CLA-13; Type: CLA-13; Serial: 1006

Communication System: UID 0, CW (0); Frequency: 13 MHz

Medium parameters used: $f = 13$ MHz; $\sigma = 0.776$ S/m; $\epsilon_r = 53.269$; $\rho = 1000$ kg/m³

Phantom section: Center Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3960; ConvF(16.26, 16.26, 16.26); Calibrated: 12/5/2023;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection), z = 33.0, 1.0
- Electronics: DAE4 Sn1709; Calibrated: 11/17/2023
- Phantom: Triple Flat Phantom 5.1C - Back; Type: QD 000 P51 CA; Serial: 1141/1
- DASYS2 52.10.0(1444); SEMCAD X 14.6.10(7416)

System Verification @ 13MHz/Pin=17 dBm 3-13-24 /Area Scan (17x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0331 W/kg

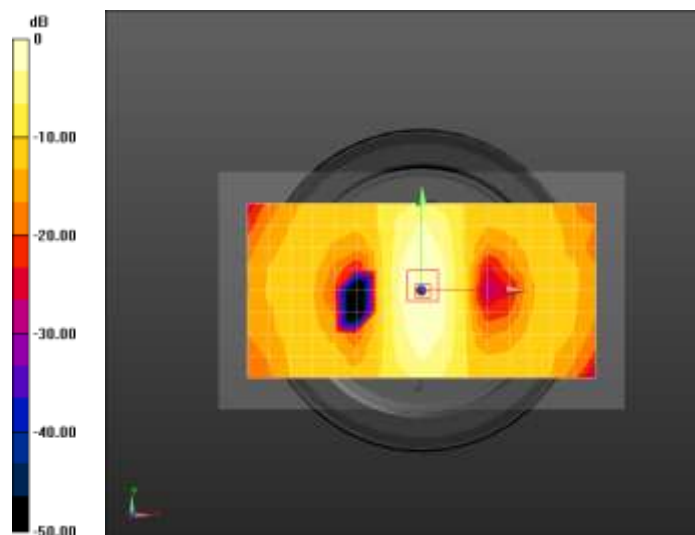
System Verification @ 13MHz/Pin=17 dBm 3-13-24 /Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.812 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.0540 W/kg

SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.016 W/kg

Maximum value of SAR (measured) = 0.0387 W/kg



0 dB = 0.0331 W/kg = -14.80 dBW/kg