

15.18 SAR test plots for Bluetooth

BT DH5 Aux Ant Edge1 0mm 2402MHz

Communication System: UID 0, Bluetooth (0); Communication System Band: DH5; Frequency: 2402 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2402$ MHz; $\sigma = 1.871$ S/m; $\epsilon_r = 51.419$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.2, 7.2, 7.2); Calibrated: 2014/05/14;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2014/05/14

Phantom: ELI v5.0 SN1203; Type: QDOVA002AA; Serial: TP:1203

Measurement SW: DASYS2, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (71x231x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.00636 W/kg

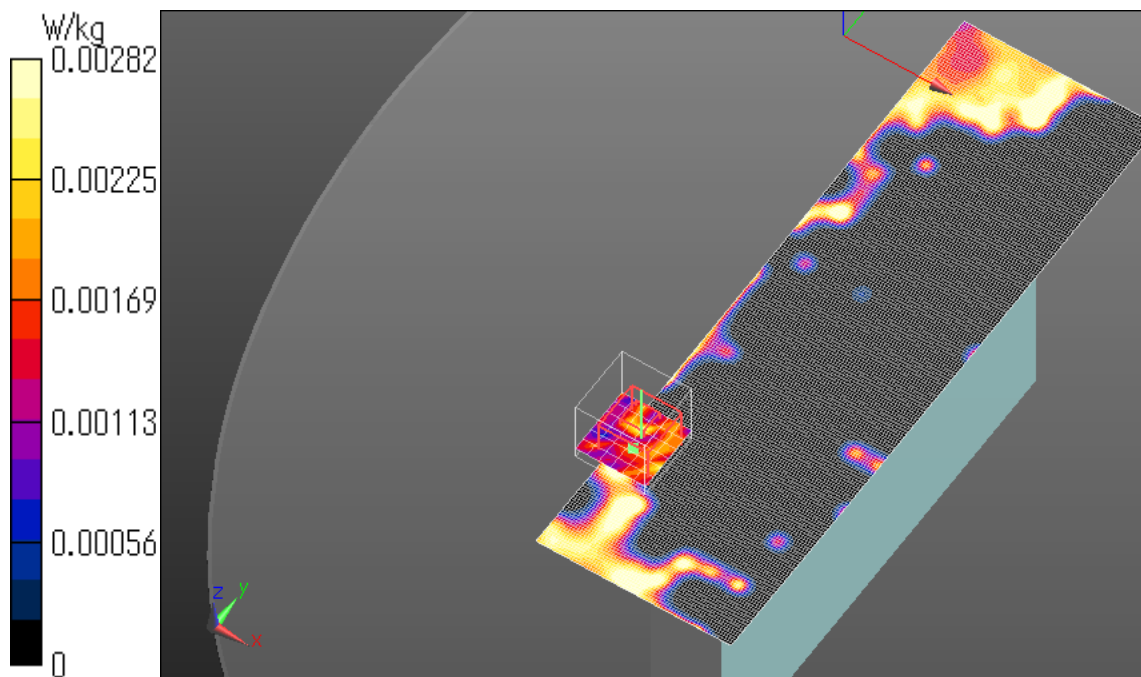
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.081 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.00368 W/kg

SAR(1 g) = 0.00161 W/kg; SAR(10 g) = 0.00101 W/kg

Maximum value of SAR (measured) = 0.00282 W/kg



Plot No.1

BT DH5 Aux Ant Edge1 tilt 9mm 2402MHz

Communication System: UID 0, Bluetooth (0); Communication System Band: DH5; Frequency: 2402 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2402$ MHz; $\sigma = 1.871$ S/m; $\epsilon_r = 51.419$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.2, 7.2, 7.2); Calibrated: 2014/05/14;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2014/05/14

Phantom: ELI v5.0 SN1203; Type: QDOVA002AA; Serial: TP:1203

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (121x71x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.00243 W/kg

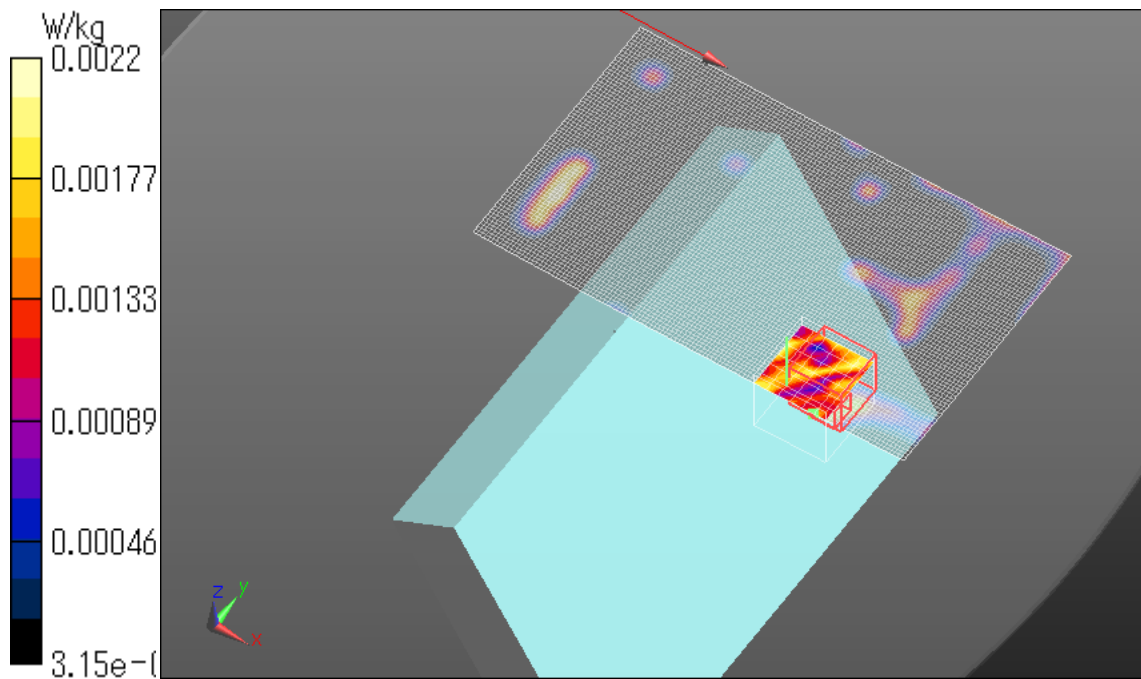
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 0.858 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.00400 W/kg

SAR(1 g) = 0.000321 W/kg; SAR(10 g) = 0.000101 W/kg

Maximum value of SAR (measured) = 0.00220 W/kg



BT DH5 Aux Ant Edge 4 tilt 6mm 2402MHz

Communication System: UID 0, Bluetooth (0); Communication System Band: DH5; Frequency: 2402 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2402$ MHz; $\sigma = 1.871$ S/m; $\epsilon_r = 51.419$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.2, 7.2, 7.2); Calibrated: 2014/05/14;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2014/05/14

Phantom: ELI v5.0 SN1203; Type: QDOVA002AA; Serial: TP:1203

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (111x121x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.00865 W/kg

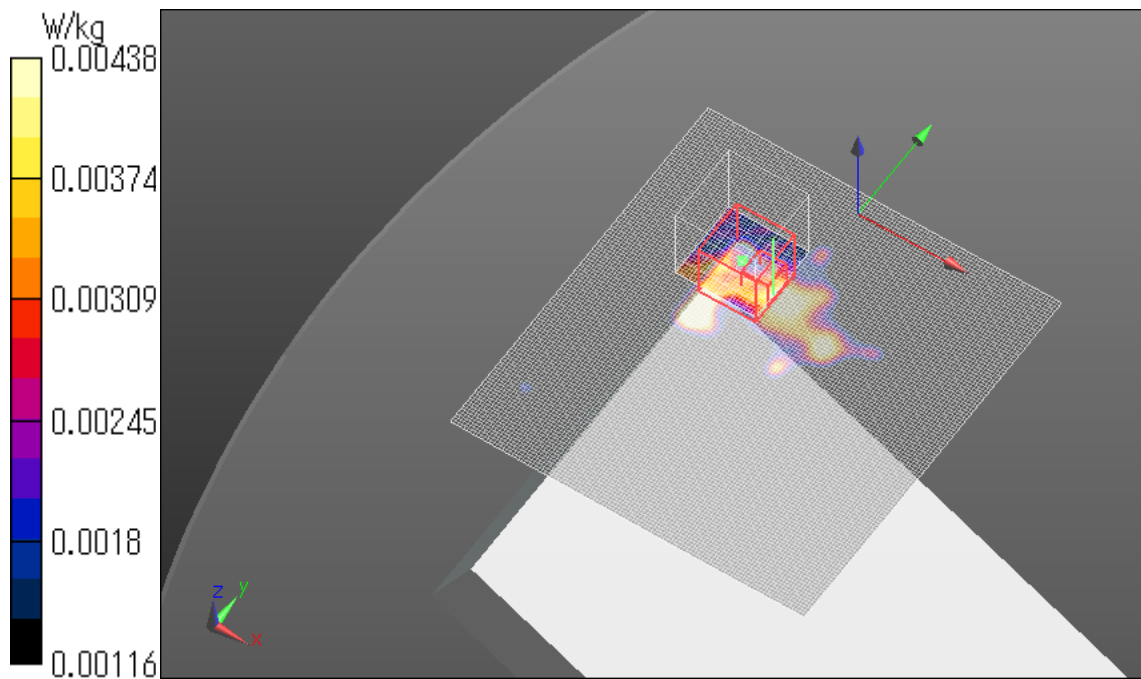
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.194 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.00579 W/kg

SAR(1 g) = 0.0022 W/kg; SAR(10 g) = 0.000982 W/kg

Maximum value of SAR (measured) = 0.00438 W/kg



Plot No.3