PCTEST ENGINEERING LABORATORY, INC.

DUT: JNZS00166; Type: Portable Speaker; Serial: 0561

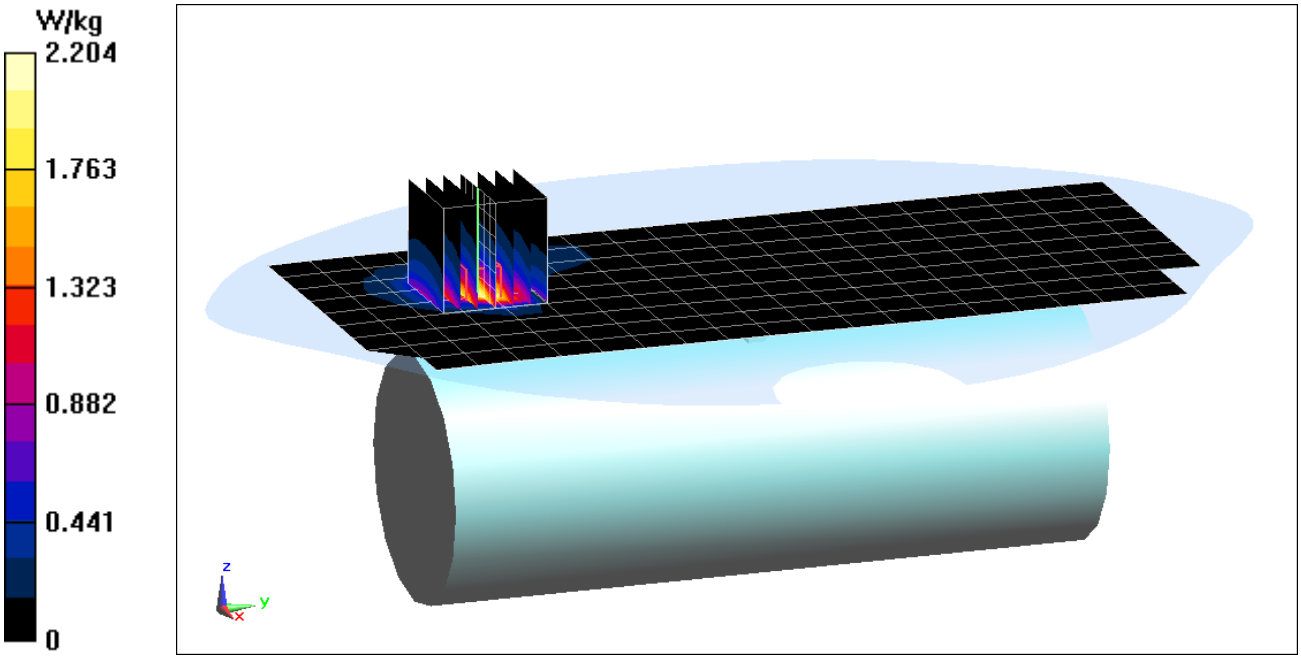
Communication System: UID 0, IEEE 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium: 2450 Body Medium parameters used (interpolated):
f = 2437 MHz; σ = 1.929 S/m; ε_r = 51.938; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 07-17-2017; Ambient Temp: 20.8°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7406; ConvF(7.6, 7.6, 7.6); Calibrated: 4/18/2017;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1407; Calibrated: 4/11/2017
Phantom: SAM Right; Type: QD000P40CD; Serial: TP:7535
Measurement SW: DASY52, Version 52.10;SEMCAD X Version 14.6.10 (7417)

Mode: IEEE 802.11b, 22 MHz Bandwidth, Body SAR,
Ch 06, 1 Mbps, Side, Chain0

Area Scan (10x21x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.77 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.658 W/kg
SAR(1 g) = 0.335 W/kg



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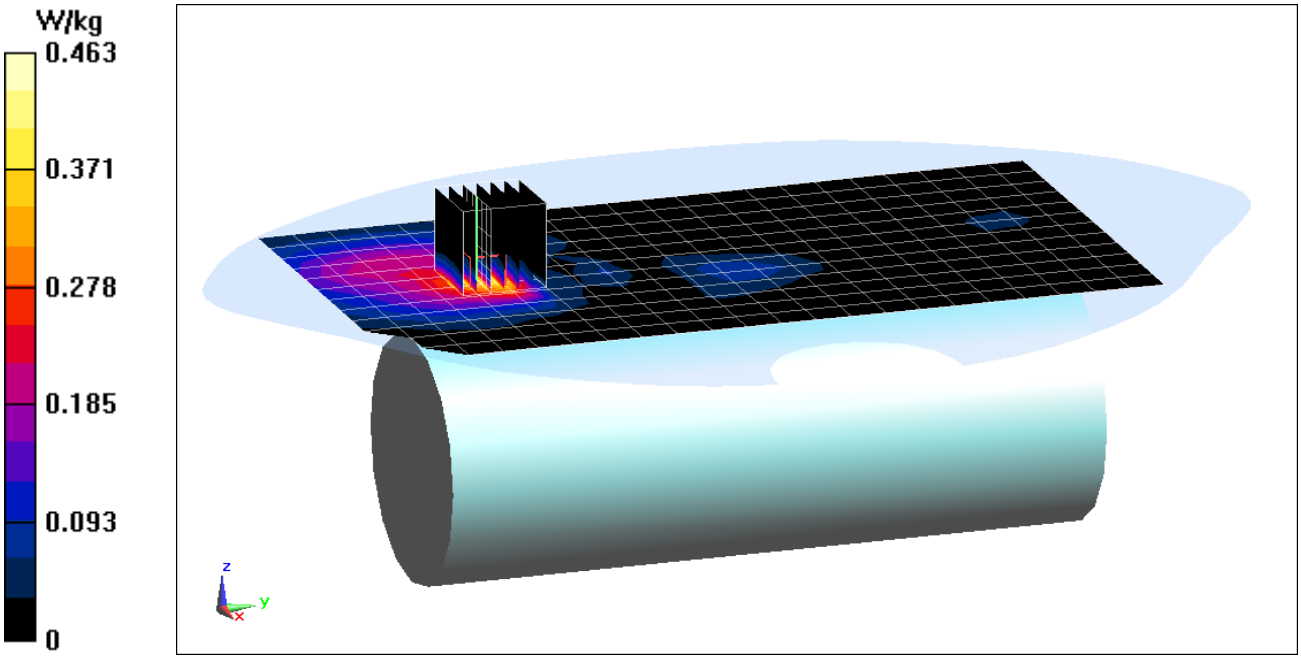
Communication System: UID 0, 802.11a 5.2-5.8 GHz Band; Frequency: 5200 MHz; Duty Cycle: 1:1
Medium: 5 GHz Body Medium parameters used:
f = 5200 MHz; σ = 5.393 S/m; ε_r = 47.833; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 07-17-2017; Ambient Temp: 22.1°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN3589; ConvF(4.19, 4.19, 4.19); Calibrated: 1/13/2017;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1466; Calibrated: 1/16/2017
Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: 1646
Measurement SW: DASY52, Version 52.10;SEMCAD X Version 14.6.10 (7417)

Mode: IEEE 802.11a, UNII-1, 20 MHz Bandwidth, Body SAR,
Ch 40, 6 Mbps, Side, Chain1

Area Scan (13x23x1): Measurement grid**:** dx=10mm, dy=10mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm; Graded Ratio: 1.4
Reference Value = 6.296 V/m; Power Drift = -0.21 dB
Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.202 W/kg



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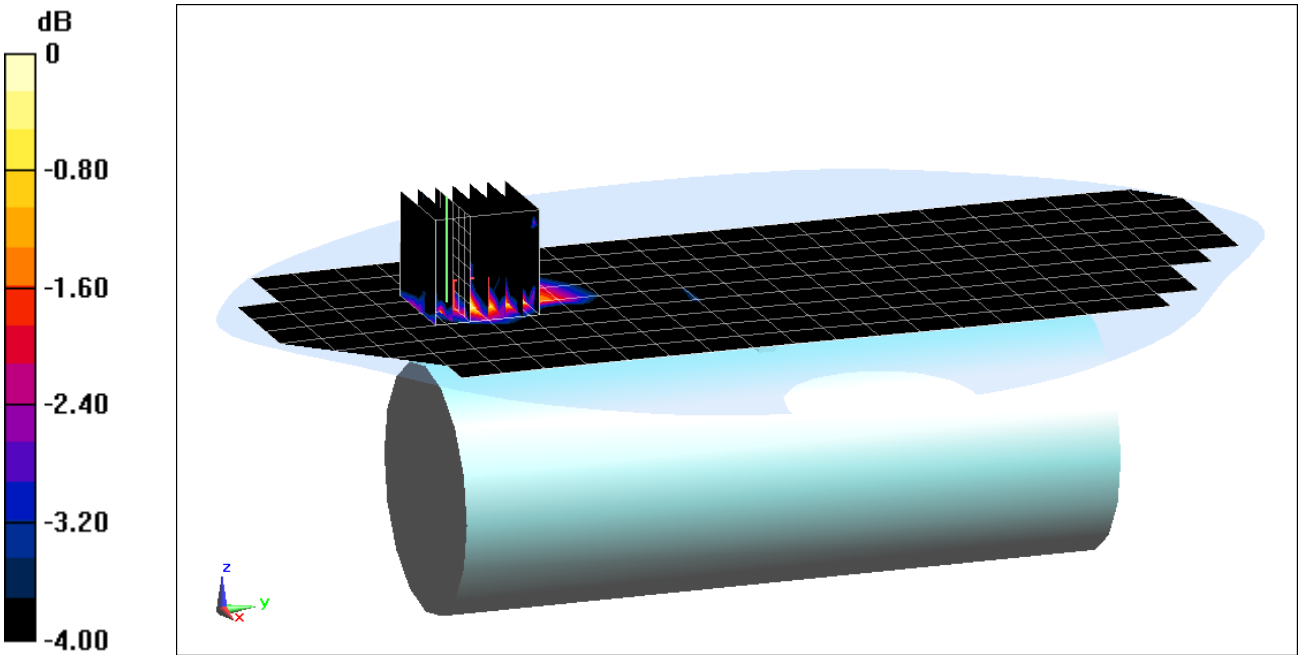
Communication System: UID 0, Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.634
Medium: 2450 Body Medium parameters used (interpolated):
f = 2480 MHz; σ = 1.988 S/m; ε_r = 51.766; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 07-17-2017; Ambient Temp: 20.8°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7406; ConvF(7.6, 7.6, 7.6); Calibrated: 4/18/2017;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1407; Calibrated: 4/11/2017
Phantom: SAM Right; Type: QD000P40CD; Serial: TP:7535
Measurement SW: DASY52, Version 52.10;SEMCAD X Version 14.6.10 (7417)

Mode: Bluetooth LE, Body SAR, Ch 39, 1 Mbps, Side

Area Scan (10x24x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.499 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.0210 W/kg
SAR(1 g) = 0.012 W/kg



0 dB = 0.0190 W/kg = -17.21 dBW/kg

DUT: JNZS00166; Type: Portable Speaker; Serial: 0561

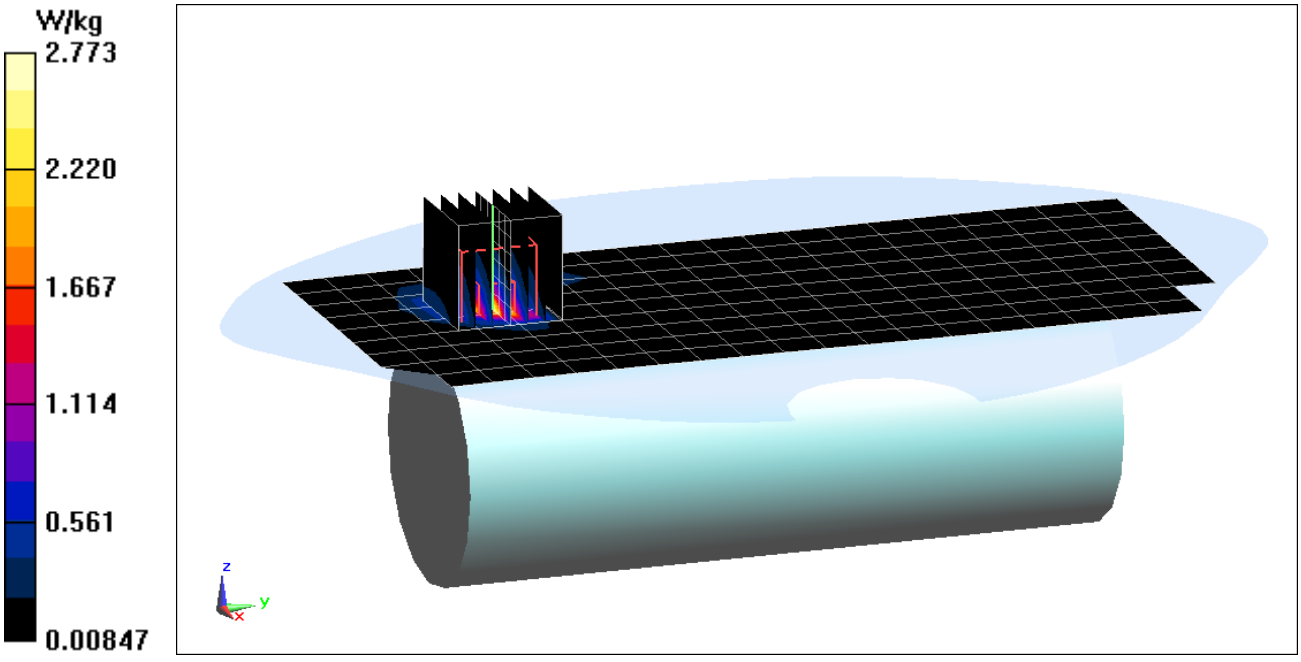
Communication System: UID 0, IEEE 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium: 2450 Body Medium parameters used (interpolated):
$f = 2437$ MHz; $\sigma = 1.929$ S/m; $\varepsilon_r = 51.938$; $\rho = 1000$ kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 07-17-2017; Ambient Temp: 20.8°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7406; ConvF(7.6, 7.6, 7.6); Calibrated: 4/18/2017;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1407; Calibrated: 4/11/2017
Phantom: SAM Right; Type: QD000P40CD; Serial: TP:7535
Measurement SW: DASY52, Version 52.10;SEMCAD X Version 14.6.10 (7417)

Mode: IEEE 802.11b, 22 MHz Bandwidth, Extremity SAR,
Ch 06, 1 Mbps, Side, Chain0

Area Scan (10x21x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.45 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 3.57 W/kg
SAR(10 g) = 0.608 W/kg



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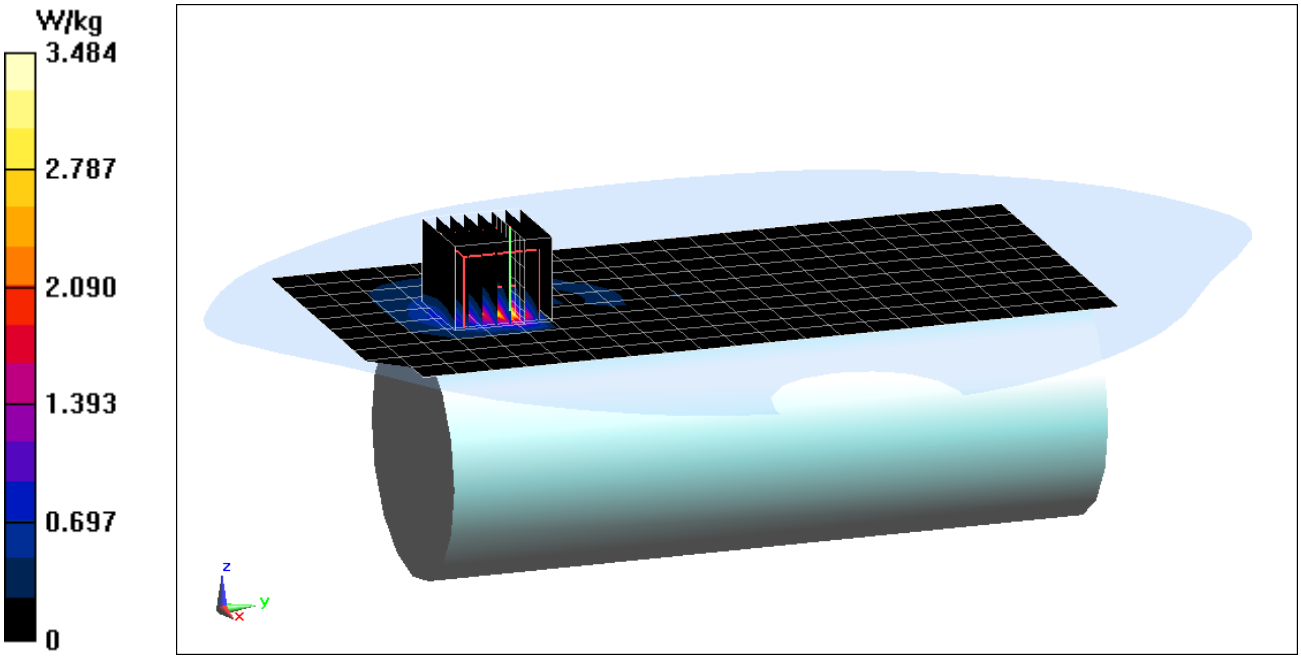
Communication System: UID 0, 802.11a 5.2-5.8 GHz Band; Frequency: 5200 MHz; Duty Cycle: 1:1
Medium: 5 GHz Body Medium parameters used:
f = 5200 MHz; σ = 5.393 S/m; ε_r = 47.833; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 07-17-2017; Ambient Temp: 22.1°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN3589; ConvF(4.19, 4.19, 4.19); Calibrated: 1/13/2017;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1466; Calibrated: 1/16/2017
Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: 1646
Measurement SW: DASY52, Version 52.10;SEMCAD X Version 14.6.10 (7417)

Mode: IEEE 802.11a, UNII-1, 20 MHz Bandwidth, Extremity SAR, Ch 40, 6 Mbps, Side, Chain1

Area Scan (11x22x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm; Graded Ratio: 1.4
Reference Value = 16.86 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 6.03 W/kg
SAR(10 g) = 0.416 W/kg



DUT: JNZS00166; Type: Portable Speaker; Serial: 0561

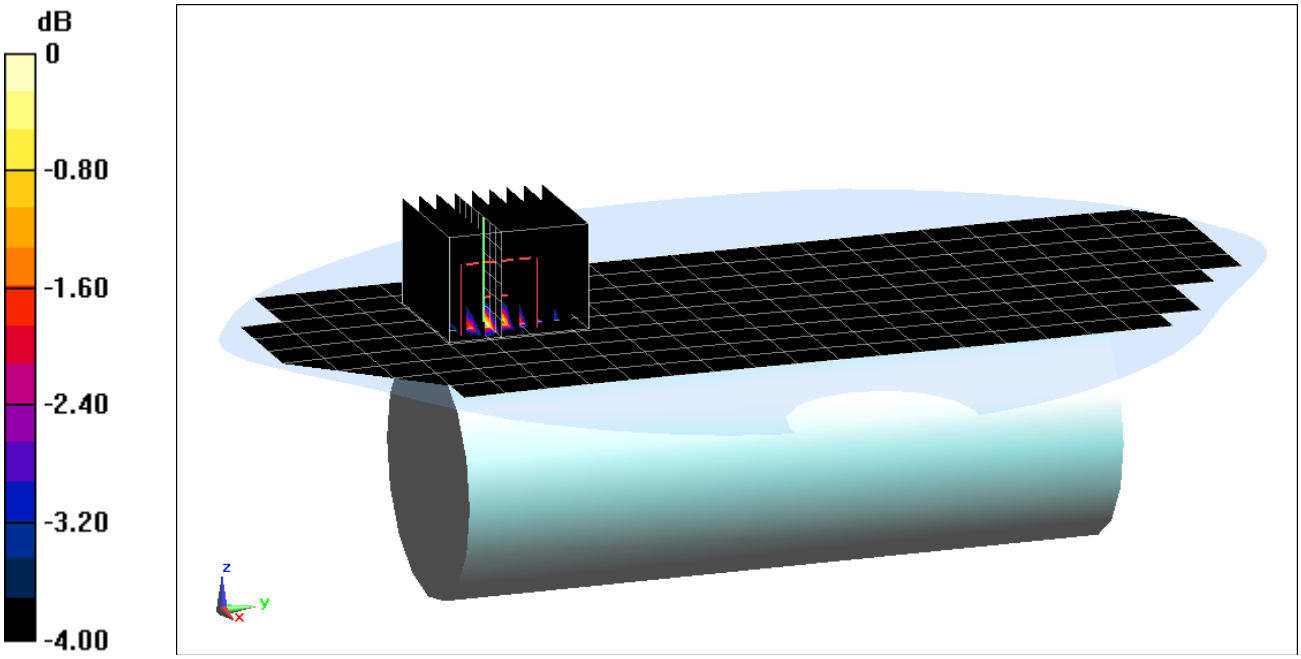
Communication System: UID 0, Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.634
Medium: 2450 Body Medium parameters used (interpolated):
f = 2480 MHz; σ = 1.988 S/m; ε_r = 51.766; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 07-17-2017; Ambient Temp: 20.8°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7406; ConvF(7.6, 7.6, 7.6); Calibrated: 4/18/2017;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1407; Calibrated: 4/11/2017
Phantom: SAM Right; Type: QD000P40CD; Serial: TP:7535
Measurement SW: DASY52, Version 52.10;SEMCAD X Version 14.6.10 (7417)

Mode: Bluetooth LE, Extremity SAR, Ch 39, 1 Mbps, Side

Area Scan (10x24x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.734 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.0620 W/kg
SAR(10 g) = 0.016 W/kg



0 dB = 0.0488 W/kg = -13.12 dBW/kg