SAR TEST RESULTS

Test Configurations

Test Locations

Per FCC KDB 447498, section 4.3.1, Item #1 the top and right edges as well as the back side adjacent to the antenna were tested. Each of these positions was tested with the keyboard folded under the display ("tablet mode") or extended away from the display ("tent mode"). Testing was done with 0 cm spacing to the phantom.

The bottom edge has greater than 201 mm separation from the antenna and is excluded from stand-alone SAR testing. The front surface of the tablet is excluded from SAR testing per Section 4.3 of KDB 616217.

Simultaneous Transmission SAR Test Exclusion

Per FCC KDB 447498, section 4.3.2, the radios were evaluated for simultaneous transmission SAR test exclusion. The SAR to peak location separation ratio was evaluated for each pair of simultaneous transmitting antennas. The WLAN and WWAN antennas are excluded from simultaneous SAR testing (see the Product Description section of this report for more details).

Operating Mode

All testing was performed with the EUT configured in a worst – case configuration and operating mode to produce the highest SAR levels. The transmit antenna is co-located with a proximity sensor. Once the sensor is triggered, the output power is lowered for all bands. SAR testing was performed at 0cm for the lower (triggered) output power level. Additional SAR testing was also performed at the normal full power level at the trigger distance (see the Proximity Sensor section of this report for details).

An Agilent 8960 test set, Model E5515C, was used to control the EUT for the 2G and 3G bands. An Anritsu test set, Model MT8820C, was used to control the EUT for the LTE bands (see the Output Power section of this report for more details regarding instrument settings).

The WWAN radio operated continuously at nearly 100% duty cycle at the maximum rated power.

Summary

The following tables summarize the measured SAR values.

Per FCC KDB 941225, among the channels required for normal testing, SAR must be measured on the channel with the highest conducted output power. When the SAR measured on the highest output channel is >0.8 W/kg, SAR evaluation for the other required test channels is necessary.

Also, when the measured SAR is >0.8 W/kg, SAR measurement variability is assessed per FCC KDB 865664 D01 v01r03, Section 2.8.1.

SAR TEST DATA

WSTD.2013.09.09

EUT:	WSBUB-SDS	Work Order:	INTE5453
Customer:	Intel Corporation	Job Site:	EV08
Attendees:	Mike Lowe, Bill Jones	Customer Project:	None

TEST SPECIFICATIONS

Specification:	Method:
FCC 2.1093:2014	IEEE Std 1528:2003 FCC KDB 447498 D01 v05r02 FCC KDB 941225 D01 v02, D03 v01 and D05 v02r03 FCC KDB 616217 D04 v01r01 FCC KDB 865664 D01 v01r03 and D02 v01r01

COMMENTS

0 mm spacing between the phantom and the EUT. Tested at low output power.

DEVIATIONS FROM TEST STANDARD

None

RESULTS

Test Configuration	Frequency Band	Transmit Frequency (MHz)	Transmit Channel	Transmit Mode	Data Rate (Mbps)	Distance	Mode	EUT Position	Power Drift During Test (dB)	Measured 1g SAR Level (mW/g)	Measured 10g SAR Level (mW/g)	Test #
Body	Cellular	824.2	128	E-GPRS	1 slot / GMSK (MCS-4)	0 mm	Tablet	Top	0.02	0.36	0.18	101
Body	Cellular	824.2	128	E-GPRS	1 slot / GMSK (MCS-4)	0 mm	Tablet	Right	N/A	0.04	0.04	102
Body	Cellular	824.2	128	E-GPRS	1 slot / GMSK (MCS-4)	0 mm	Tablet	Back	N/A	0.14	0.14	103
Body	Cellular	836.6	4183	WCDMA	12.2 kbps RMC / Test Loop 1	0 mm	Tablet	Top	0.05	0.52	0.25	104
Body	Cellular	836.6	4183	WCDMA	12.2 kbps RMC / Test Loop 1	0mm	Tablet	Right	N/A	0.04	0.04	105
Body	Cellular	836.6	4183	WCDMA	12.2 kbps RMC / Test Loop 1	0mm	Tablet	Back	-0.08	0.19	0.12	106
Body	Cellular	824.2	128	E-GPRS	1 slot / GMSK (MCS-4)	0 mm	Tent	Top	-0.06	0.45	0.23	107
Body	Cellular	824.2	128	E-GPRS	1 slot / GMSK (MCS-4)	0 mm	Tent	Right	N/A	0.04	0.04	108
Body	Cellular	824.2	128	E-GPRS	1 slot / GMSK (MCS-4)	0 mm	Tent	Back	0.02	0.74	0.37	109
Body	Cellular	836.6	4183	WCDMA	12.2 kbps RMC / Test Loop 1	0 mm	Tent	Top	-0.11	0.68	0.33	110
Body	Cellular	836.6	4183	WCDMA	12.2 kbps RMC / Test Loop 1	0mm	Tent	Right	N/A	0.06	0.06	111
Body	Cellular	836.6	4183	WCDMA	12.2 kbps RMC / Test Loop 1	0mm	Tent	Back	0.04	1.20	0.56	112

NORTHWEST EMC

WSTD.2013.09.09

SAR TEST DATA

Test Configuration	Frequency Band	Transmit Frequency (MHz)	Transmit Channel	Transmit Mode	Data Rate (Mbps)	Distance	Mode	EUT Position	Power Drift During Test (dB)	Measured 1g SAR Level (mW/g)	Measured 10g SAR Level (mW/g)	Test #
Body	Cellular	826.4	4132	WCDMA	12.2 kbps RMC / Test Loop 1	0mm	Tent	Back	-0.03	1.04	0.49	112a
Body	Cellular	846.6	4233	WCDMA	12.2 kbps RMC / Test Loop 1	0mm	Tent	Back	0.00	1.23	0.58	112b

SAR TEST DATA

WSTD.2013.09.09

Tested By:	Ethan Schoonover	Room Temperature (°C):	24.4
Date:	5/14/2014	Liquid Temperature (°C):	21.4
Serial Number:	008	Humidity (%RH):	36.5
Configuration:	INTE5453-1	Bar. Pressure (mb):	1018
Comments:	None		

Test 101
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D835 (835.0 MHz); Frequency: 824.2 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 825 MHz; σ = 0.99 S/m; ε_r = 55.086; ρ = 1000 kg/m^3 , Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm
Maximum value of SAR (interpolated) = 0.237 W/kg

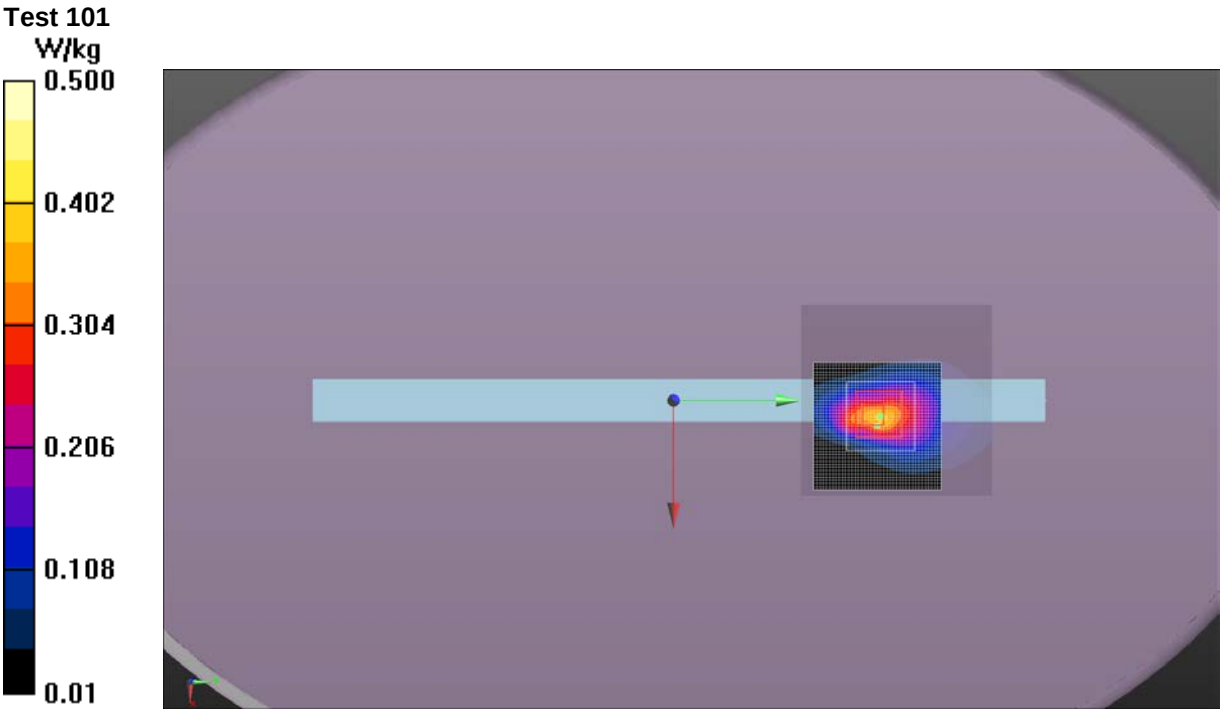
Body/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.772 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.734 W/kg
SAR(1 g) = 0.357 W/kg; SAR(10 g) = 0.176 W/kg
Maximum value of SAR (measured) = 0.485 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.380 W/kg

Body/Body/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of Total (measured) = 15.53 V/m
Maximum value of SAR (measured) = 0.239 W/kg

Approved By

SAR TEST DATA



SAR TEST DATA

WSTD.2013.09.09

Tested By:	Ethan Schoonover	Room Temperature (°C):	24.2
Date:	5/14/2014	Liquid Temperature (°C):	21.5
Serial Number:	008	Humidity (%RH):	34.4
Configuration:	INTE5453-1	Bar. Pressure (mb):	1018
Comments:	None		

Test 102
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D835 (835.0 MHz); Frequency: 824.2 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 825 MHz; σ = 0.99 S/m; ε_r = 55.086; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

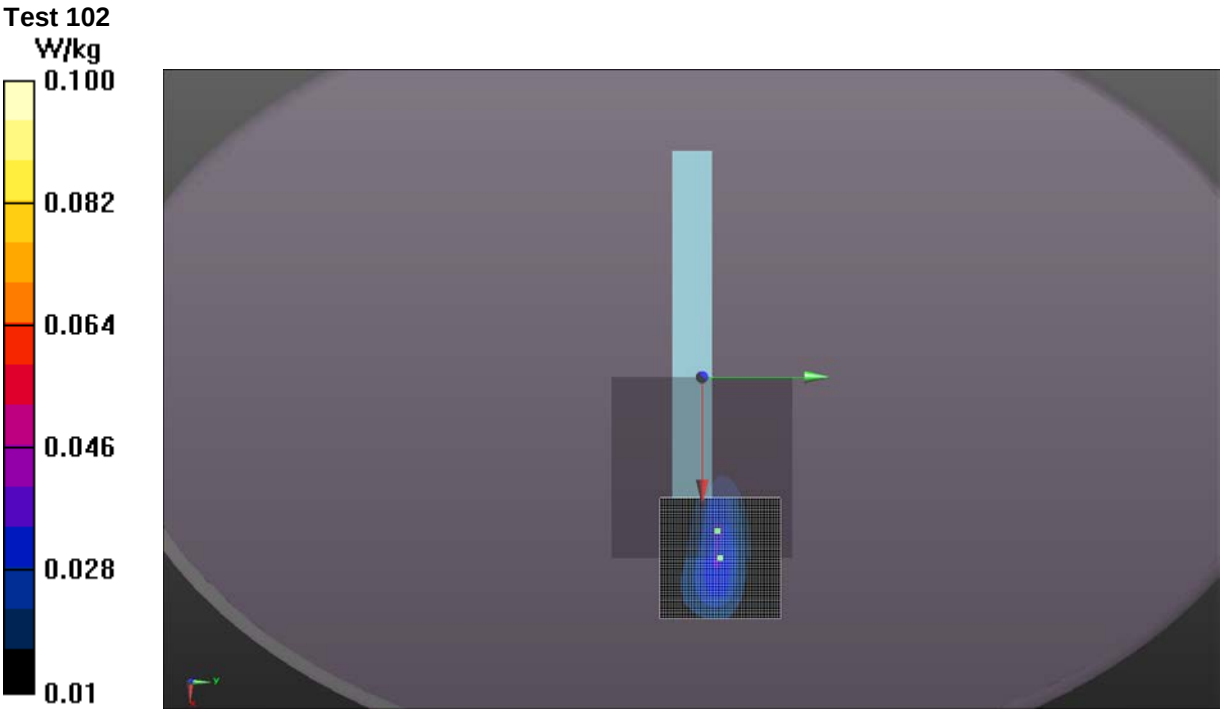
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm
Maximum value of SAR (interpolated) = 0.0272 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0365 W/kg

Approved By

SAR TEST DATA



SAR TEST DATA

WSTD.2013.09.09

Tested By:	Ethan Schoonover	Room Temperature (°C):	24.2
Date:	5/14/2014	Liquid Temperature (°C):	21.5
Serial Number:	008	Humidity (%RH):	34.4
Configuration:	INTE5453-1	Bar. Pressure (mb):	1018
Comments:	None		

Test 103
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D835 (835.0 MHz); Frequency: 824.2 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 825 MHz; σ = 0.99 S/m; ε_r = 55.086; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

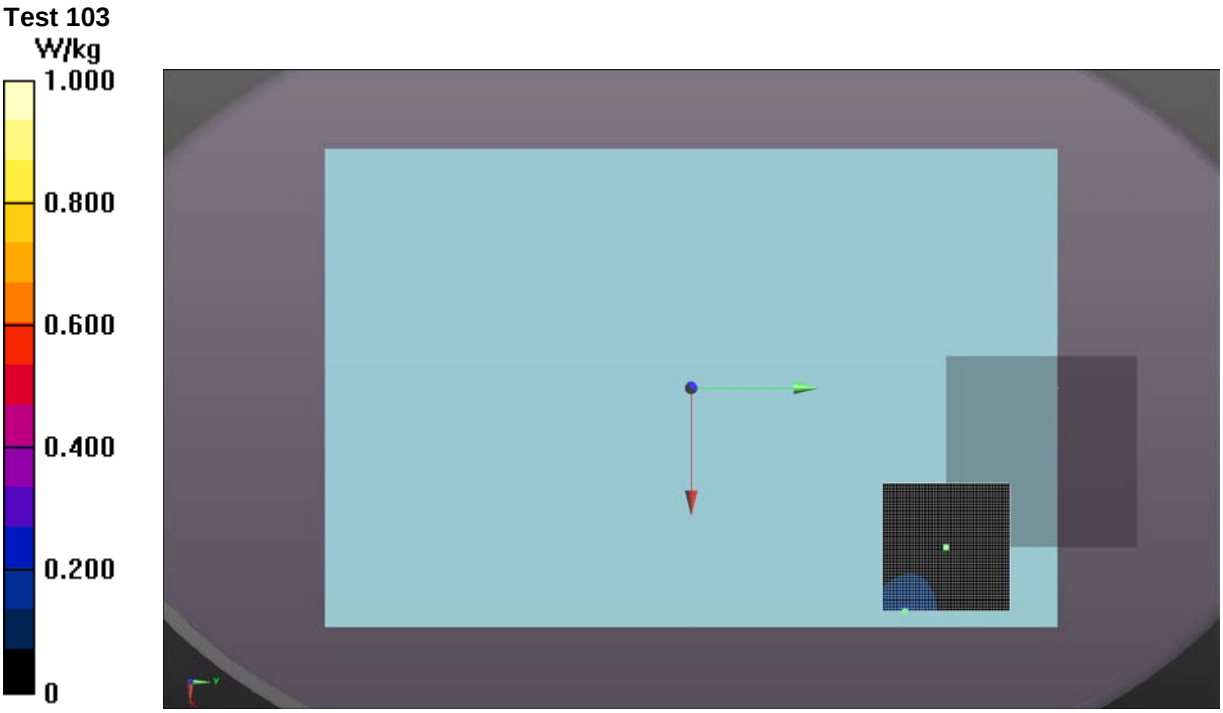
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm
Maximum value of SAR (interpolated) = 0.0215 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.145 W/kg

Approved By

SAR TEST DATA



SAR TEST DATA

WSTD.2013.09.09

Tested By:	Carl Engholm	Room Temperature (°C):	22.1
Date:	5/15/2014	Liquid Temperature (°C):	21.4
Serial Number:	008	Humidity (%RH):	35
Configuration:	INTE5453-1	Bar. Pressure (mb):	1016
Comments:	None		

Test 104
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D835 (835.0 MHz); Frequency: 836.6 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.002 S/m; ε_r = 54.889; ρ = 1000 kg/m^3 , Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.272 W/kg

Body/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.178 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.524 W/kg; SAR(10 g) = 0.253 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.706 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

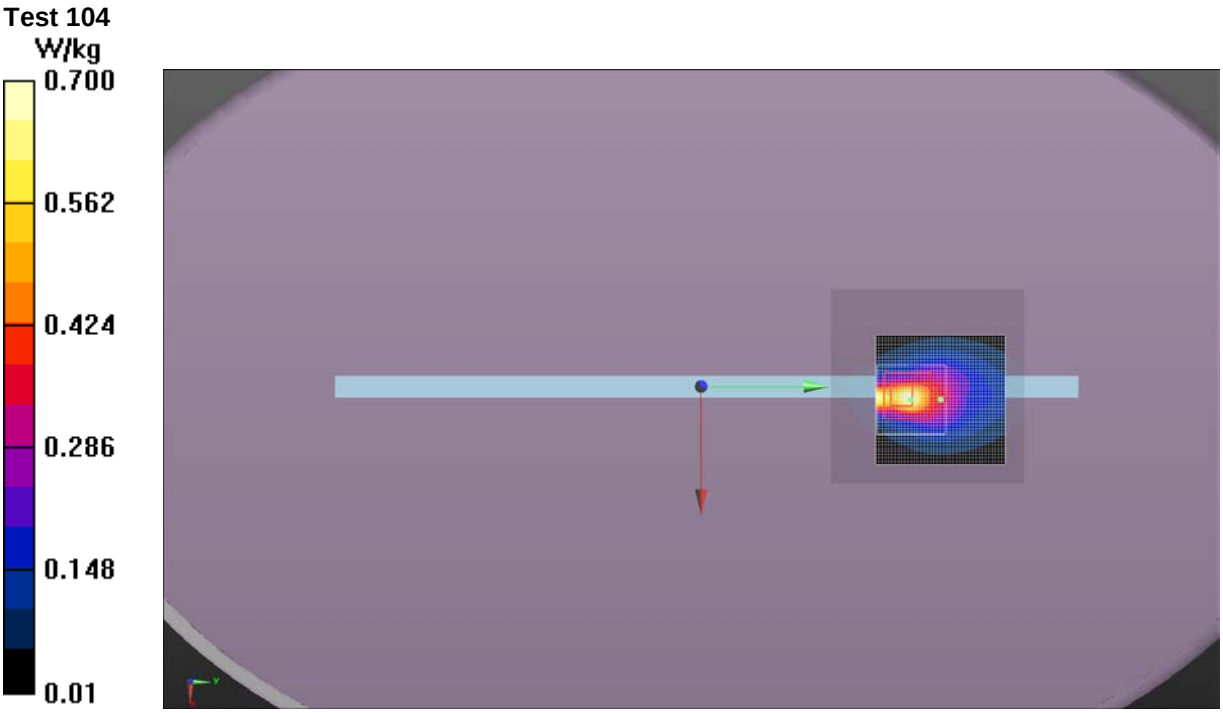
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.705 W/kg

Body/Body/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of Total (measured) = 18.20 V/m
Maximum value of SAR (measured) = 0.332 W/kg

Approved By

SAR TEST DATA



SAR TEST DATA

WSTD.2013.09.09

Tested By:	Carl Engholm	Room Temperature (°C):	22.3
Date:	5/15/2014	Liquid Temperature (°C):	21.5
Serial Number:	008	Humidity (%RH):	35
Configuration:	INTE5453-1	Bar. Pressure (mb):	1016
Comments:	None		

Test 105
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D835 (835.0 MHz); Frequency: 836.6 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.002 S/m; ε_r = 54.889; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.0336 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

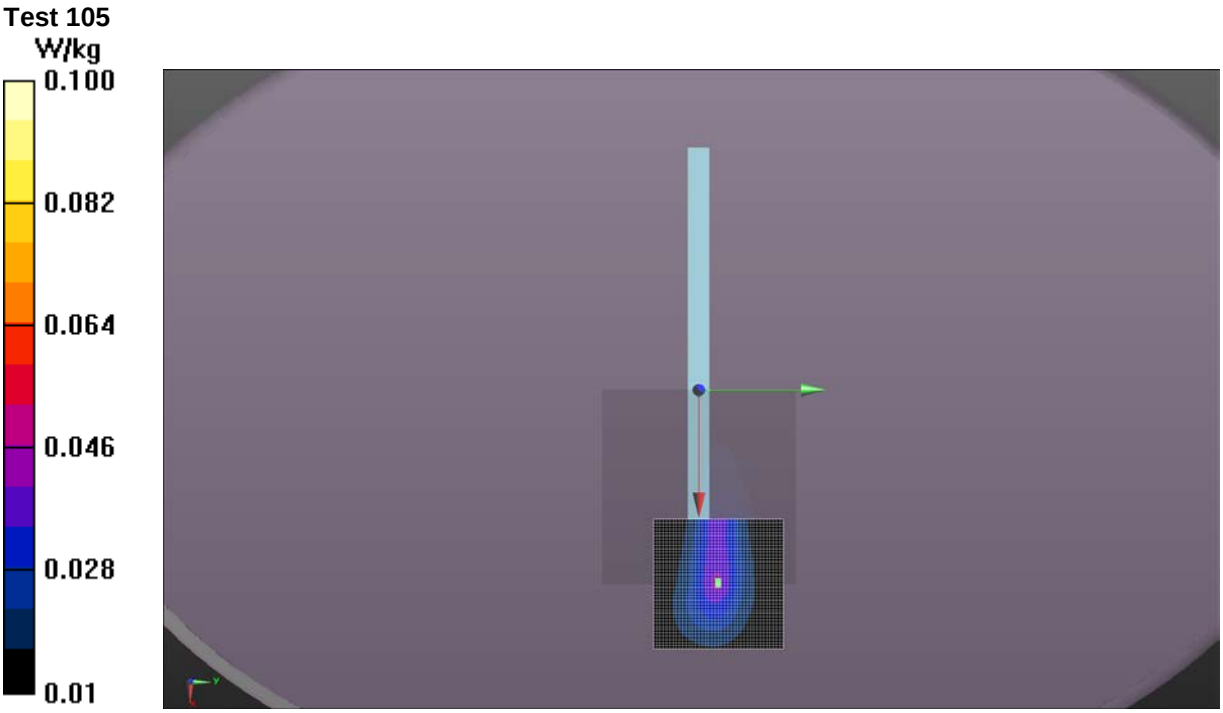
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.0419 W/kg

Body/Body/Area scan (5x5x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0417 W/kg

Approved By

SAR TEST DATA



SAR TEST DATA

WSTD.2013.09.09

Tested By:	Carl Engholm	Room Temperature (°C):	22.1
Date:	5/15/2014	Liquid Temperature (°C):	21.4
Serial Number:	008	Humidity (%RH):	35
Configuration:	INTE5453-1	Bar. Pressure (mb):	1016
Comments:	None		

Test 106
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D835 (835.0 MHz); Frequency: 836.6 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.002 S/m; ε_r = 54.889; ρ = 1000 kg/m^3 , Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.166 W/kg

Body/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.906 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.306 W/kg
SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.116 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.233 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

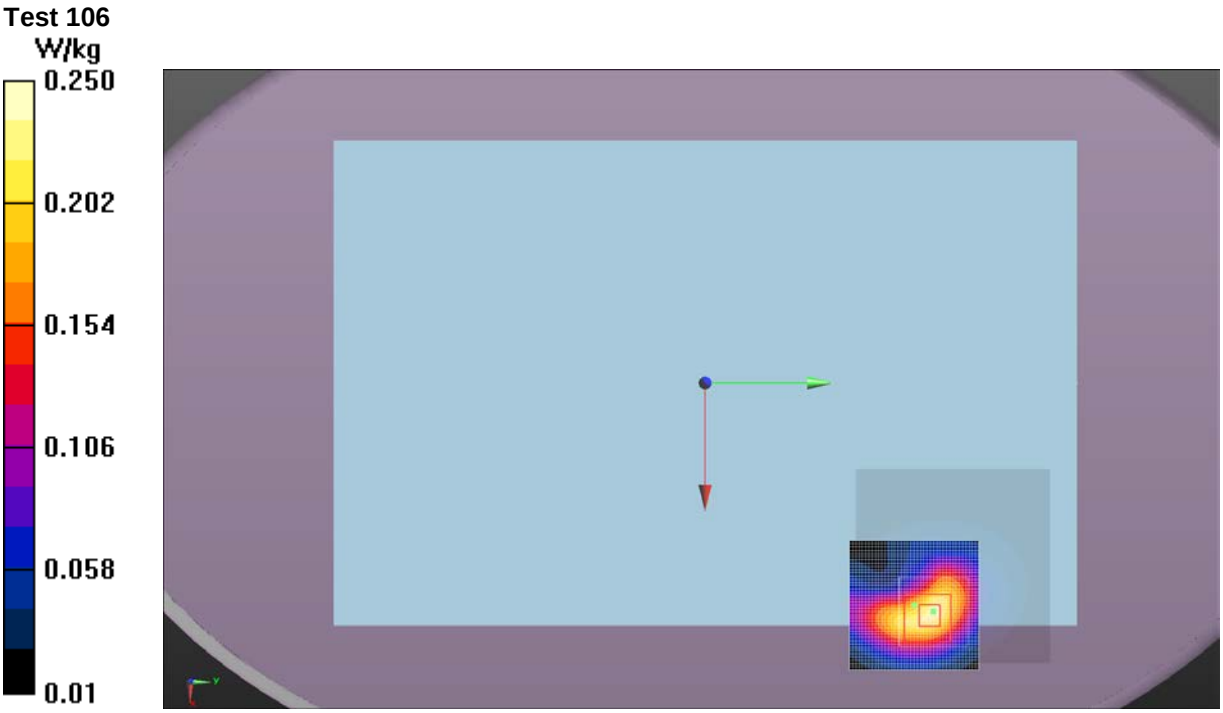
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.245 W/kg

Body/Body/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of Total (measured) = 12.01 V/m
Maximum value of SAR (measured) = 0.145 W/kg

Approved By

SAR TEST DATA



SAR TEST DATA

WSTD.2013.09.09

Tested By:	Ethan Schoonover	Room Temperature (°C):	24.4
Date:	5/14/2014	Liquid Temperature (°C):	21.4
Serial Number:	008	Humidity (%RH):	36.5
Configuration:	INTE5453-1	Bar. Pressure (mb):	1018
Comments:	None		

Test 107
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D835 (835.0 MHz); Frequency: 824.2 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 825 MHz; σ = 0.99 S/m; ε_r = 55.086; ρ = 1000 kg/m^3 , Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm
Maximum value of SAR (interpolated) = 0.257 W/kg

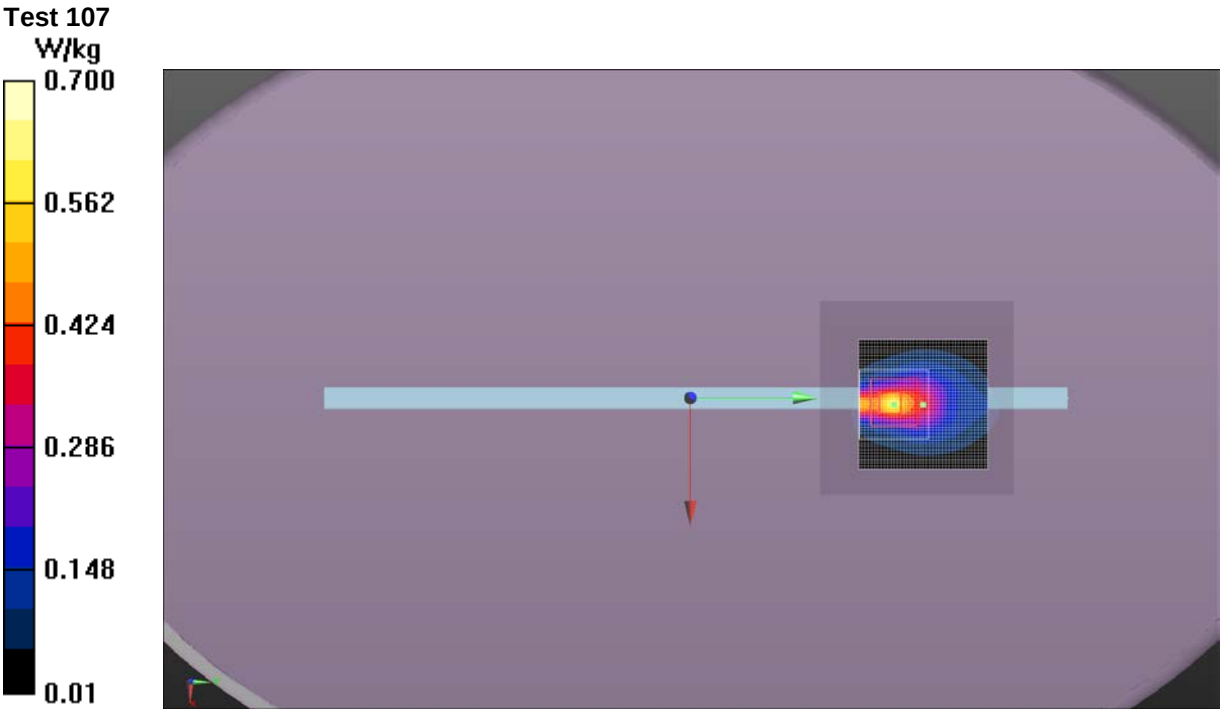
Body/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.751 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.894 W/kg
SAR(1 g) = 0.450 W/kg; SAR(10 g) = 0.226 W/kg
Maximum value of SAR (measured) = 0.613 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.611 W/kg

Body/Body/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of Total (measured) = 17.76 V/m
Maximum value of SAR (measured) = 0.312 W/kg

Approved By

SAR TEST DATA



SAR TEST DATA

WSTD.2013.09.09

Tested By:	Ethan Schoonover	Room Temperature (°C):	24.4
Date:	5/14/2014	Liquid Temperature (°C):	21.4
Serial Number:	008	Humidity (%RH):	36.5
Configuration:	INTE5453-1	Bar. Pressure (mb):	1018
Comments:	None		

Test 108
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D835 (835.0 MHz); Frequency: 824.2 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 825 MHz; σ = 0.99 S/m; ε_r = 55.086; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

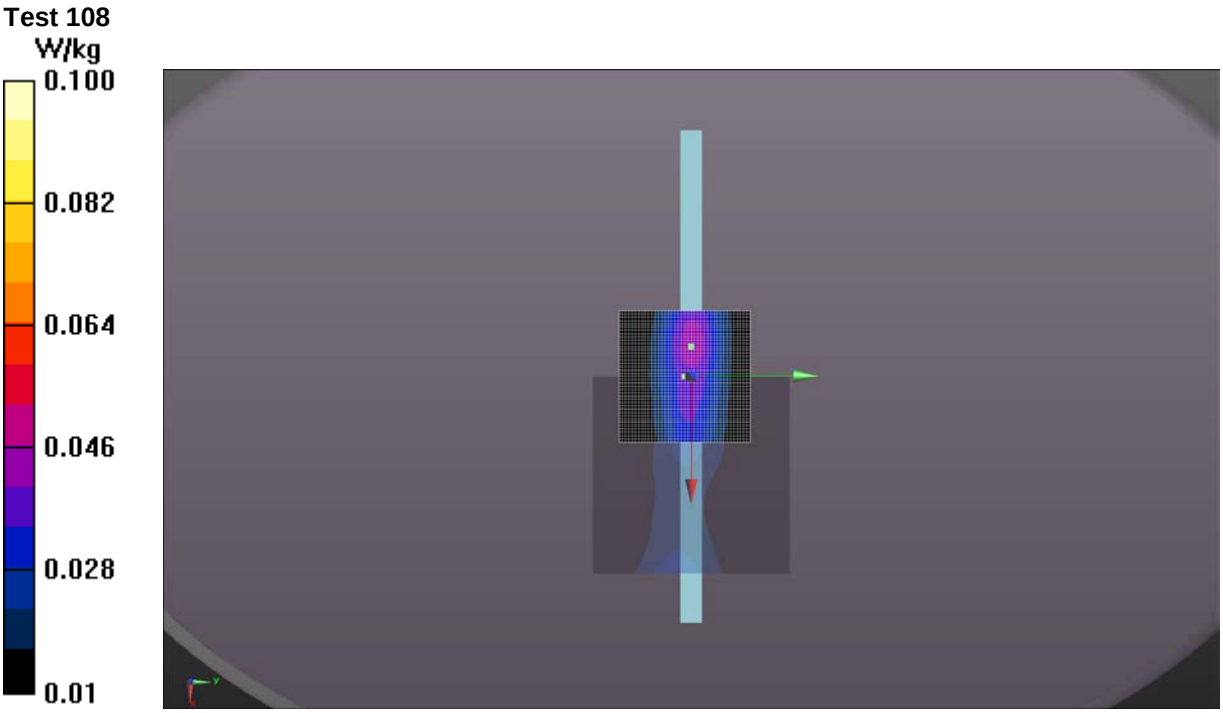
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm
Maximum value of SAR (interpolated) = 0.0370 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0445 W/kg

Approved By

SAR TEST DATA



SAR TEST DATA

WSTD.2013.09.09

Tested By:	Ethan Schoonover	Room Temperature (°C):	24.2
Date:	5/14/2014	Liquid Temperature (°C):	21.5
Serial Number:	008	Humidity (%RH):	34.4
Configuration:	INTE5453-1	Bar. Pressure (mb):	1018
Comments:	None		

Test 109
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D835 (835.0 MHz); Frequency: 824.2 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 825 MHz; σ = 0.99 S/m; ε_r = 55.086; ρ = 1000 kg/m^3 , Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

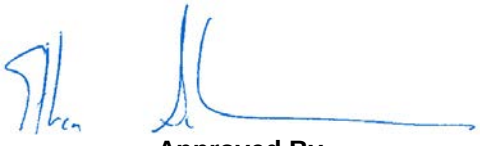
Body/Body/Zoom Scan 2 (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.183 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.50 W/kg
SAR(1 g) = 0.737 W/kg; SAR(10 g) = 0.369 W/kg
Maximum value of SAR (measured) = 1.03 W/kg

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm
Maximum value of SAR (interpolated) = 0.858 W/kg

Body/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.183 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.53 W/kg
SAR(1 g) = 0.742 W/kg; SAR(10 g) = 0.372 W/kg
Maximum value of SAR (measured) = 1.01 W/kg

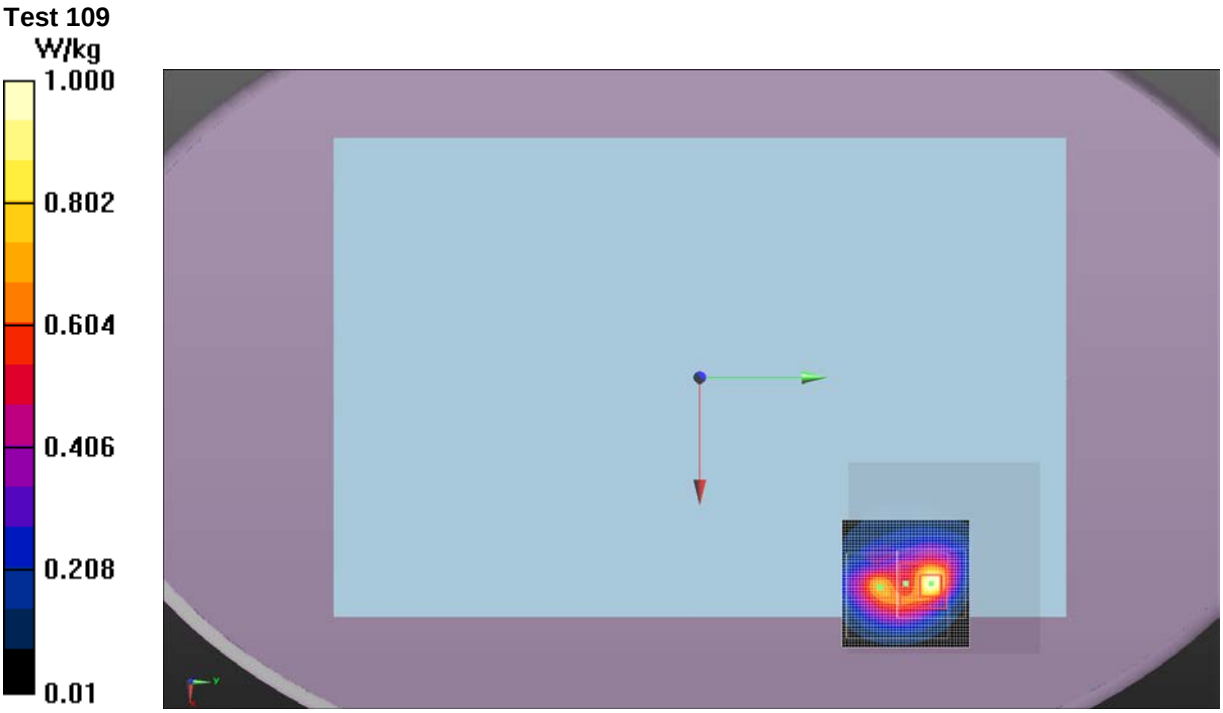
Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.05 W/kg

Body/Body/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of Total (measured) = 22.61 V/m
Maximum value of SAR (measured) = 0.506 W/kg



Approved By

SAR TEST DATA



SAR TEST DATA

WSTD.2013.09.09

Tested By:	Carl Engholm	Room Temperature (°C):	23.9
Date:	5/15/2014	Liquid Temperature (°C):	21.7
Serial Number:	008	Humidity (%RH):	39
Configuration:	INTE5453-1	Bar. Pressure (mb):	1016
Comments:	None		

Test 110
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D835 (835.0 MHz); Frequency: 836.6 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.002 S/m; ε_r = 54.889; ρ = 1000 kg/m^3 , Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.350 W/kg

Body/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.526 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.675 W/kg; SAR(10 g) = 0.330 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.932 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

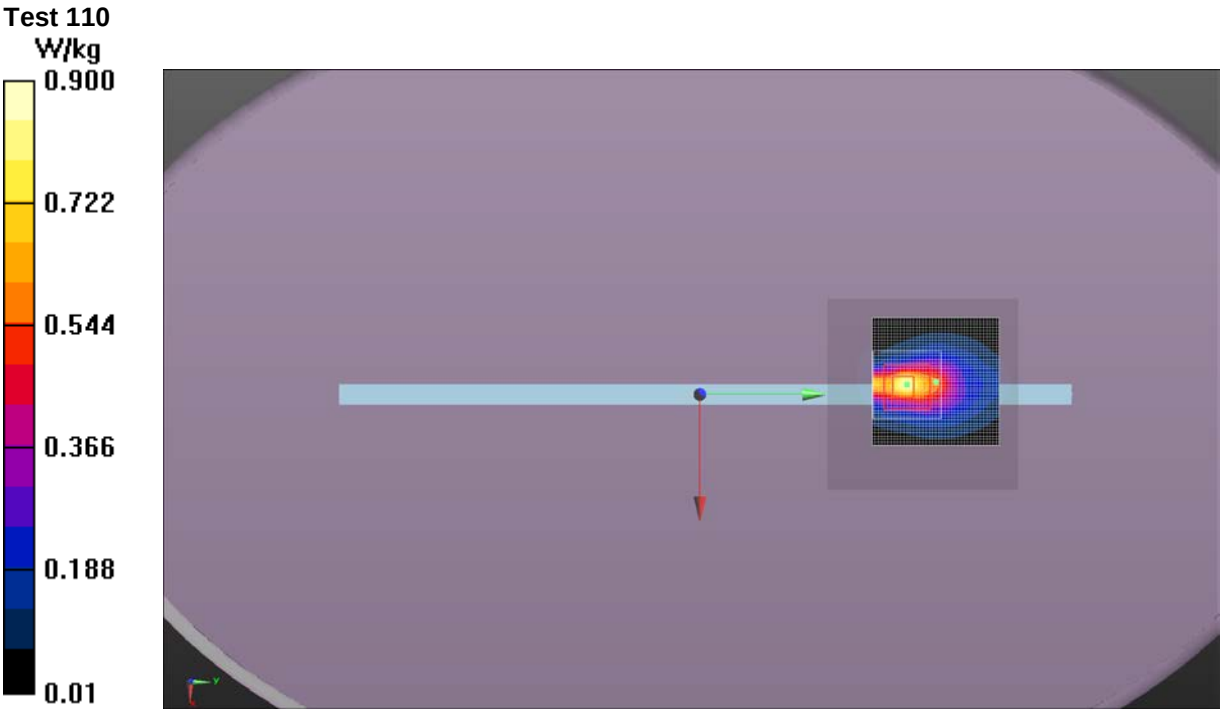
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.871 W/kg

Body/Body/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of Total (measured) = 21.25 V/m
Maximum value of SAR (measured) = 0.453 W/kg

Approved By

SAR TEST DATA



SAR TEST DATA

WSTD.2013.09.09

Tested By:	Carl Engholm	Room Temperature (°C):	22.3
Date:	5/15/2014	Liquid Temperature (°C):	21.5
Serial Number:	008	Humidity (%RH):	35
Configuration:	INTE5453-1	Bar. Pressure (mb):	1016
Comments:	None		

Test 111
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D835 (835.0 MHz); Frequency: 836.6 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.002 S/m; ε_r = 54.889; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.0488 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

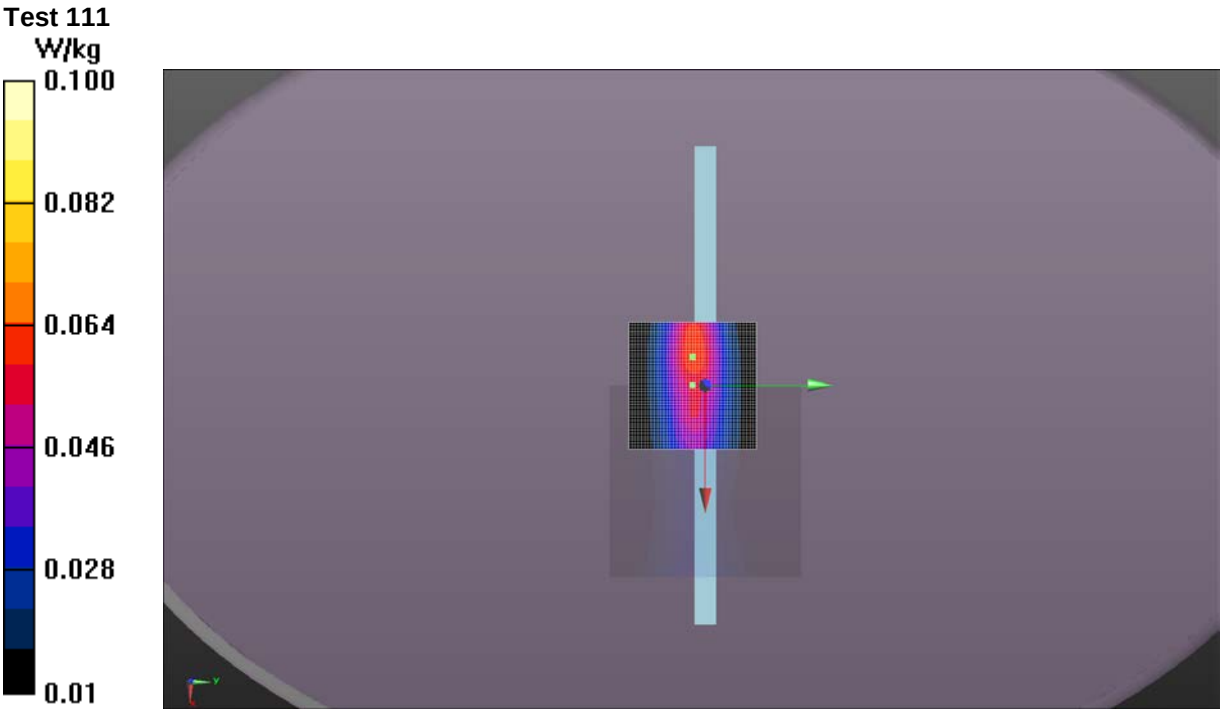
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.0644 W/kg

Body/Body/Area scan (5x5x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0642 W/kg

Approved By

SAR TEST DATA



SAR TEST DATA

Tested By:	Ethan Schoonover	Room Temperature (°C):	24.2
Date:	5/15/2014	Liquid Temperature (°C):	22.7
Serial Number:	008	Humidity (%RH):	42.5
Configuration:	INTE5453-1	Bar. Pressure (mb):	1019
Comments:	None		

Test 112
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D835 (835.0 MHz); Frequency: 836.6 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.002 S/m; ε_r = 54.889; ρ = 1000 kg/m^3 , Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.944 W/kg

Body/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 37.850 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.79 W/kg
SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.562 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.57 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

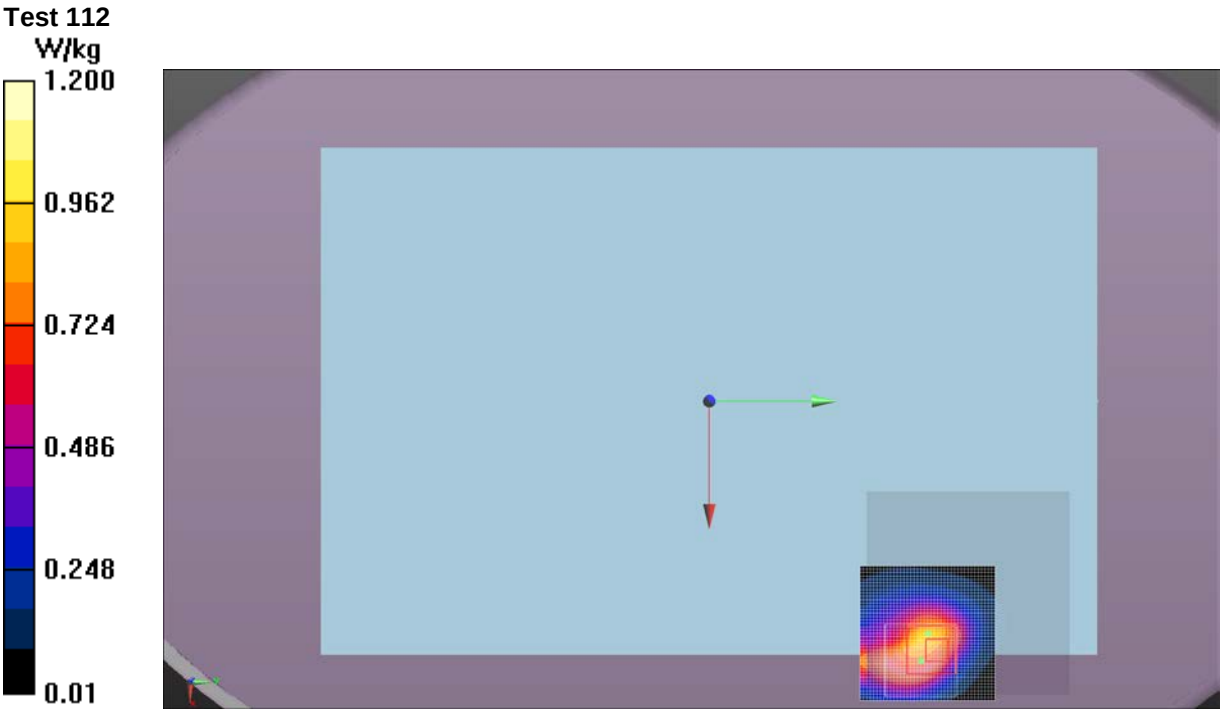
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.53 W/kg

Body/Body/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of Total (measured) = 26.16 V/m
Maximum value of SAR (measured) = 0.686 W/kg

Approved By

SAR TEST DATA



SAR TEST DATA

Tested By:	Ethan Schoonover	Room Temperature (°C):	24.2
Date:	5/15/2014	Liquid Temperature (°C):	22.7
Serial Number:	008	Humidity (%RH):	42.5
Configuration:	INTE5453-1	Bar. Pressure (mb):	1019
Comments:	None		

Test 112a
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D835 (835.0 MHz); Frequency: 826.4 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.992 S/m; ε_r = 55.052; ρ = 1000 kg/m^3 , Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.824 W/kg

Body/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.628 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 2.42 W/kg
SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.492 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.36 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.35 W/kg

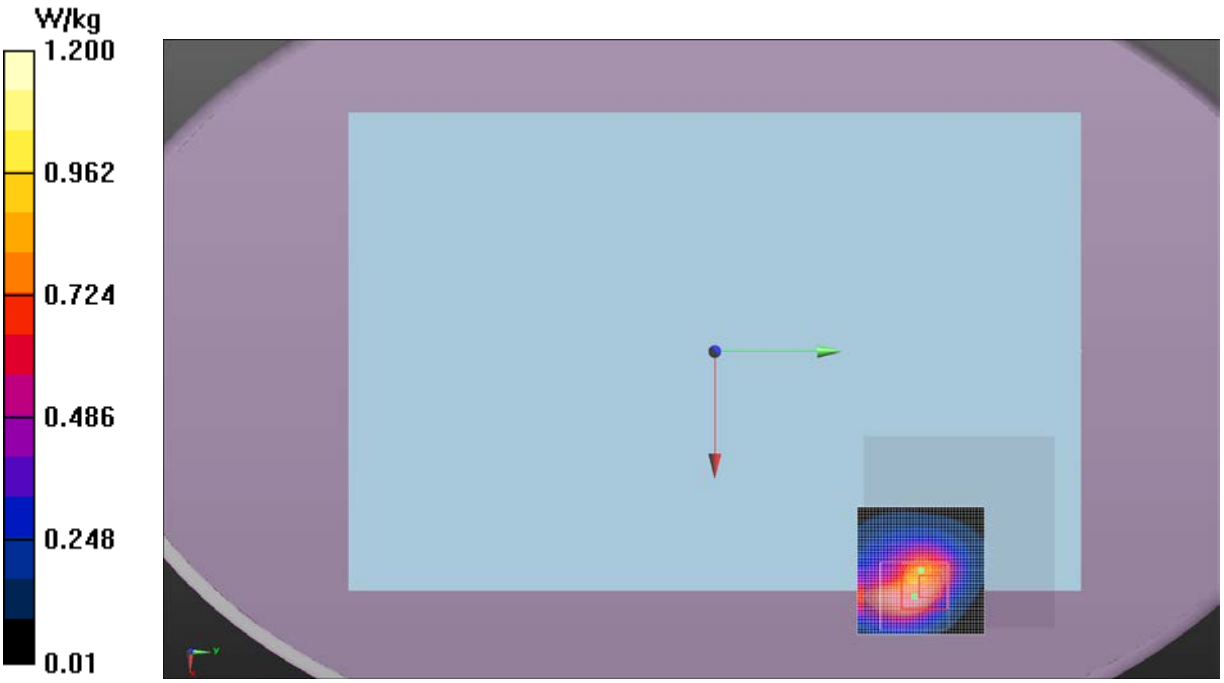
Body/Body/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of Total (measured) = 24.54 V/m
Maximum value of SAR (measured) = 0.597 W/kg

Approved By

SAR TEST DATA

Test 112a



SAR TEST DATA

Tested By:	Ethan Schoonover	Room Temperature (°C):	23.9
Date:	5/15/2014	Liquid Temperature (°C):	21.7
Serial Number:	008	Humidity (%RH):	39
Configuration:	INTE5453-1	Bar. Pressure (mb):	1019
Comments:	None		

Test 112b
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D835 (835.0 MHz); Frequency: 846.6 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 846.6 MHz; σ = 1.008 S/m; ε_r = 54.85; ρ = 1000 kg/m^3 , Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.966 W/kg

Body/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 38.445 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 2.88 W/kg
SAR(1 g) = 1.23 W/kg; SAR(10 g) = 0.578 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.61 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.58 W/kg

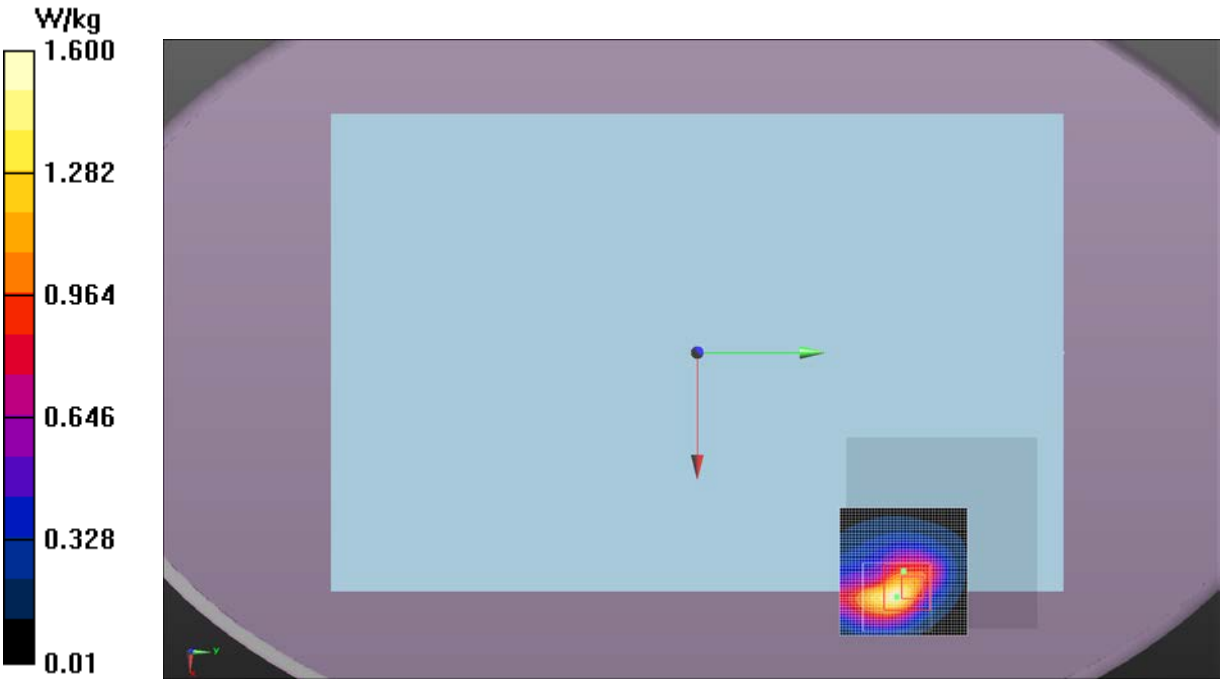
Body/Body/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of Total (measured) = 26.43 V/m
Maximum value of SAR (measured) = 0.704 W/kg

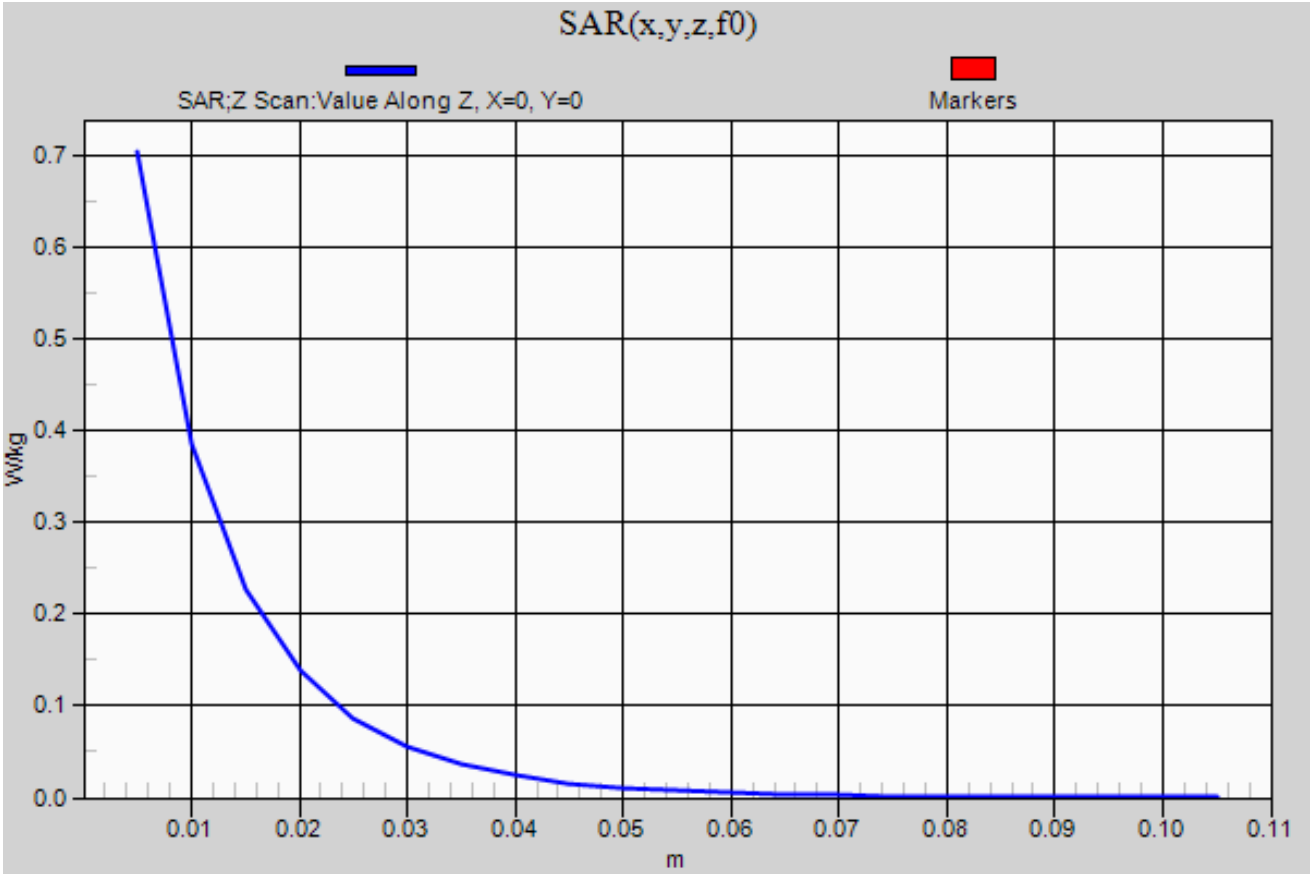
Approved By

SAR TEST DATA

Test 112b



Test 112b – Z Scan



SAR TEST DATA

WSTD.2013.09.09

EUT:	WSBUB-SDS	Work Order:	INTE5453
Customer:	Intel Corporation	Job Site:	EV08
Attendees:	Mike Lowe, Bill Jones	Customer Project:	None

TEST SPECIFICATIONS

Specification:	Method:
FCC 2.1093:2014	IEEE Std 1528:2003 FCC KDB 447498 D01 v05r02 FCC KDB 941225 D01 v02, D03 v01 and D05 v02r03 FCC KDB 616217 D04 v01r01 FCC KDB 865664 D01 v01r03 and D02 v01r01

COMMENTS

0 mm spacing between the phantom and the EUT. Tested at low output power.

DEVIATIONS FROM TEST STANDARD

None

RESULTS

Test Configuration	Frequency Band	Transmit Frequency (MHz)	Transmit Channel	Transmit Mode	Data Rate (Mbps)	Distance	Mode	EUT Position	Power Drift During Test (dB)	Measured 1g SAR Level (mW/g)	Measured 10g SAR Level (mW/g)	Test #
Body	PCS	1880	661	E-GPRS	1 slot / GMSK (MCS-4)	0 mm	Tablet	Top	0.37	0.15	0.07	125
Body	PCS	1880	661	E-GPRS	1 slot / GMSK (MCS-4)	0 mm	Tablet	Right	N/A	0.04	0.04	126
Body	PCS	1880	661	E-GPRS	1 slot / GMSK (MCS-4)	0 mm	Tablet	Back	N/A	0.13	0.13	136
Body	PCS	1880	9400	WCDMA	12.2 kbps RMC / Test Loop 1	0 mm	Tablet	Top	0.09	0.21	0.09	128
Body	PCS	1880	9400	WCDMA	12.2 kbps RMC / Test Loop 1	0 mm	Tablet	Right	N/A	0.06	0.06	129
Body	PCS	1880	9400	WCDMA	12.2 kbps RMC / Test Loop 1	0 mm	Tablet	Back	0.03	0.15	0.09	130
Body	PCS	1880	661	E-GPRS	1 slot / GMSK (MCS-4)	0 mm	Tent	Top	-0.26	0.08	0.03	134
Body	PCS	1880	661	E-GPRS	1 slot / GMSK (MCS-4)	0 mm	Tent	Right	N/A	0.06	0.06	135
Body	PCS	1880	661	E-GPRS	1 slot / GMSK (MCS-4)	0 mm	Tent	Back	-0.07	0.57	0.26	127
Body	PCS	1880	661	E-GPRS	1 slot / GMSK (MCS-4)	0 mm	Tent	Back	-0.15	1.16	0.52	127b
Body	PCS	1880	9400	WCDMA	12.2 kbps RMC / Test Loop 1	0 mm	Tent	Top	-0.34	0.12	0.05	137

SAR TEST DATA

WSTD.2013.09.09

Test Configuration	Frequency Band	Transmit Frequency (MHz)	Transmit Channel	Transmit Mode	Data Rate (Mbps)	Distance	Mode	EUT Position	Power Drift During Test (dB)	Measured 1g SAR Level (mW/g)	Measured 10g SAR Level (mW/g)	Test #
Body	PCS	1880	9400	WCDMA	12.2 kbps RMC / Test Loop 1	0 mm	Tent	Right	N/A	0.10	0.10	138
Body	PCS	1880	9400	WCDMA	12.2 kbps RMC / Test Loop 1	0 mm	Tent	Back	0.02	1.03	0.45	139
Body	PCS	1852.4	9262	WCDMA	12.2 kbps RMC / Test Loop 1	0 mm	Tent	Back	-0.06	1.04	0.46	139a
Body	PCS	1907.6	9538	WCDMA	12.2 kbps RMC / Test Loop 1	0 mm	Tent	Back	-0.01	1.02	0.45	139b

SAR TEST DATA

WSTD.2013.09.09

Tested By:	Ethan Schoonover	Room Temperature (°C):	23.8
Date:	5/16/2014	Liquid Temperature (°C):	21.6
Serial Number:	008	Humidity (%RH):	40
Configuration:	INTE5453-1	Bar. Pressure (mb):	1016
Comments:	None		

Test 125
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D1900 (1900.0 MHz); Frequency: 1880 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1880 MHz; σ = 1.545 S/m; ε_r = 53.443; ρ = 1000 kg/m^3 , Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm
Maximum value of SAR (interpolated) = 0.0654 W/kg

Body/Body/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.068 V/m; Power Drift = 0.37 dB
Peak SAR (extrapolated) = 0.302 W/kg
SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.067 W/kg
Maximum value of SAR (measured) = 0.196 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.115 W/kg

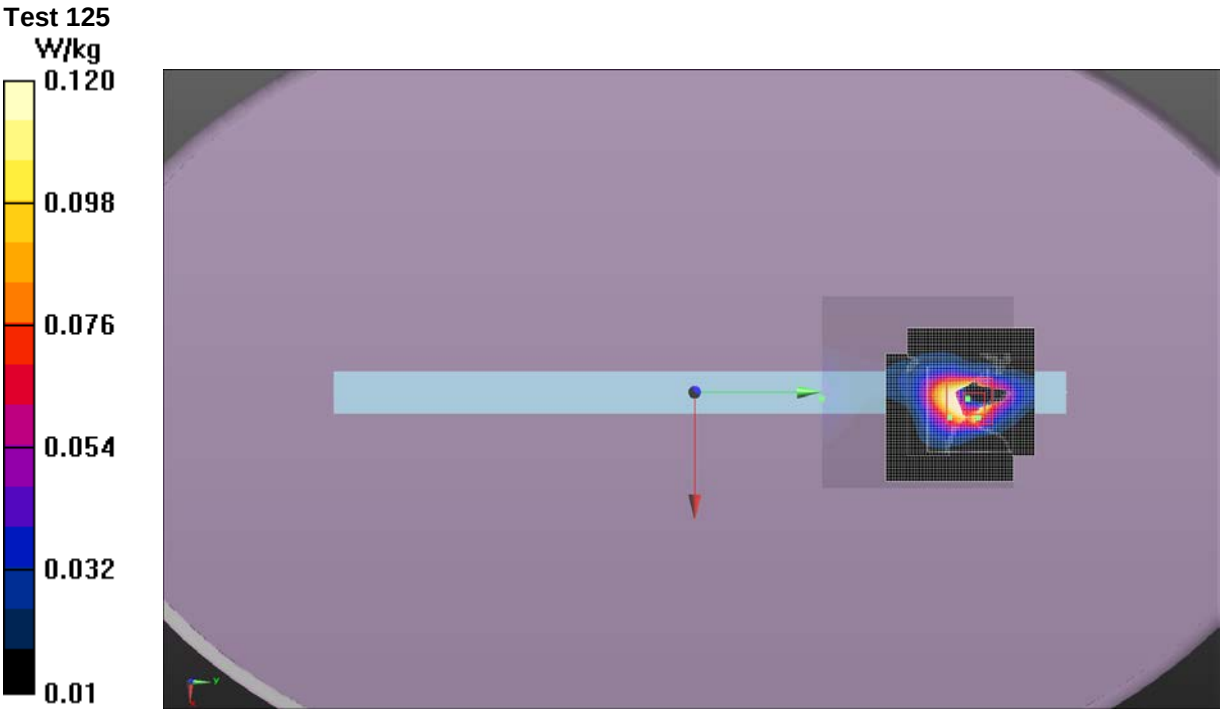
Body/Body/Area scan 2 (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.153 W/kg

Body/Body/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of Total (measured) = 6.831 V/m

Body/Body/Area scan 2 (5x5x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.140 W/kg

Approved By

SAR TEST DATA



SAR TEST DATA

WSTD.2013.09.09

Tested By:	Carl Engholm	Room Temperature (°C):	23.8
Date:	5/16/2014	Liquid Temperature (°C):	21.6
Serial Number:	008	Humidity (%RH):	40
Configuration:	INTE5453-1	Bar. Pressure (mb):	1021
Comments:	None		

Test 126
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D1900 (1900.0 MHz); Frequency: 1880 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1880 MHz; σ = 1.545 S/m; ε_r = 53.443; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

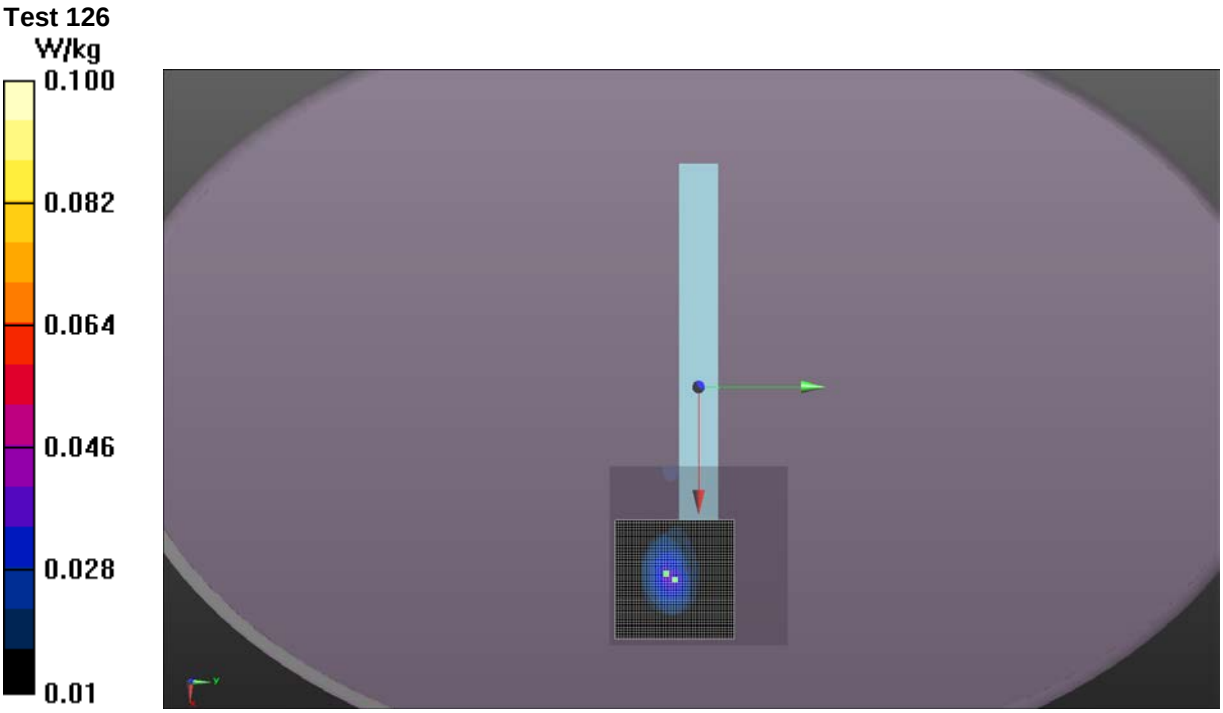
Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm
Maximum value of SAR (interpolated) = 0.0389 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0358 W/kg

Body/Body/Area scan (5x5x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0339 W/kg

Approved By

SAR TEST DATA



SAR TEST DATA

WSTD.2013.09.09

Tested By:	Ethan Schoonover	Room Temperature (°C):	23.8
Date:	5/16/2014	Liquid Temperature (°C):	23
Serial Number:	008	Humidity (%RH):	39.4
Configuration:	INTE5453-1	Bar. Pressure (mb):	1016
Comments:	None		

Test 136
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D1900 (1900.0 MHz); Frequency: 1880 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1880 MHz; σ = 1.545 S/m; ε_r = 53.443; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

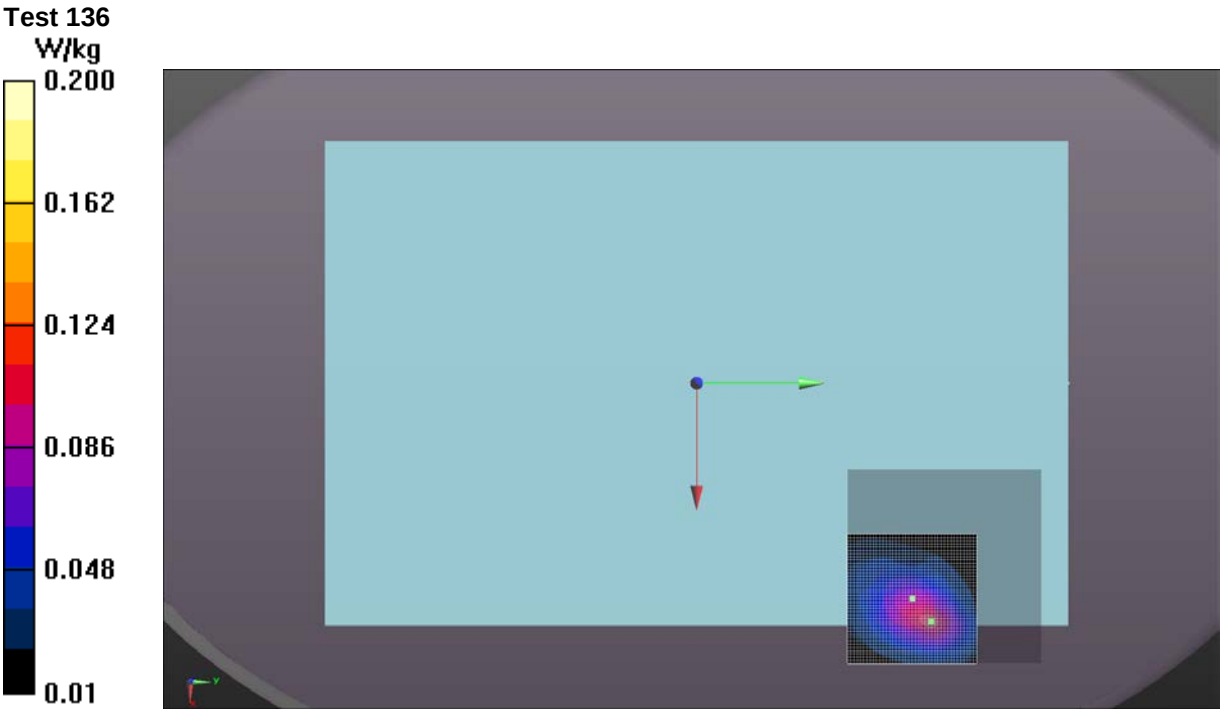
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm
Maximum value of SAR (interpolated) = 0.0864 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.132 W/kg

Approved By

SAR TEST DATA



SAR TEST DATA

Tested By:	Ethan Schoonover	Room Temperature (°C):	23.8
Date:	5/16/2014	Liquid Temperature (°C):	23.1
Serial Number:	008	Humidity (%RH):	40.8
Configuration:	INTE5453-1	Bar. Pressure (mb):	1016
Comments:	None		

Test 128
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D1900 (1900.0 MHz); Frequency: 1880 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1880 MHz; σ = 1.545 S/m; ε_r = 53.443; ρ = 1000 kg/m^3 , Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm
Maximum value of SAR (interpolated) = 0.231 W/kg

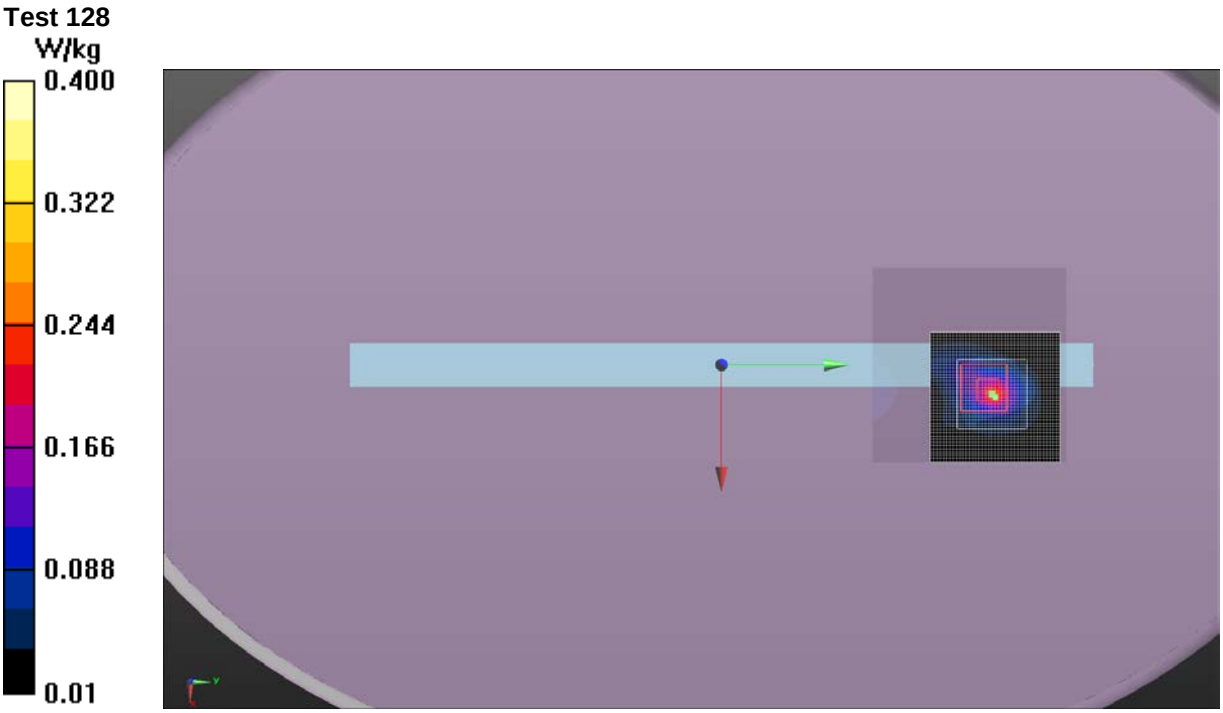
Body/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.519 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.484 W/kg
SAR(1 g) = 0.213 W/kg; SAR(10 g) = 0.094 W/kg
Maximum value of SAR (measured) = 0.302 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.276 W/kg

Body/Body/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of Total (measured) = 9.245 V/m
Maximum value of SAR (measured) = 0.132 W/kg

Approved By

SAR TEST DATA



SAR TEST DATA

WSTD.2013.09.09

Tested By:	Ethan Schoonover	Room Temperature (°C):	23.8
Date:	5/16/2014	Liquid Temperature (°C):	23
Serial Number:	008	Humidity (%RH):	39.4
Configuration:	INTE5453-1	Bar. Pressure (mb):	1016
Comments:	None		

Test 129
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D1900 (1900.0 MHz); Frequency: 1880 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1880 MHz; σ = 1.545 S/m; ε_r = 53.443; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

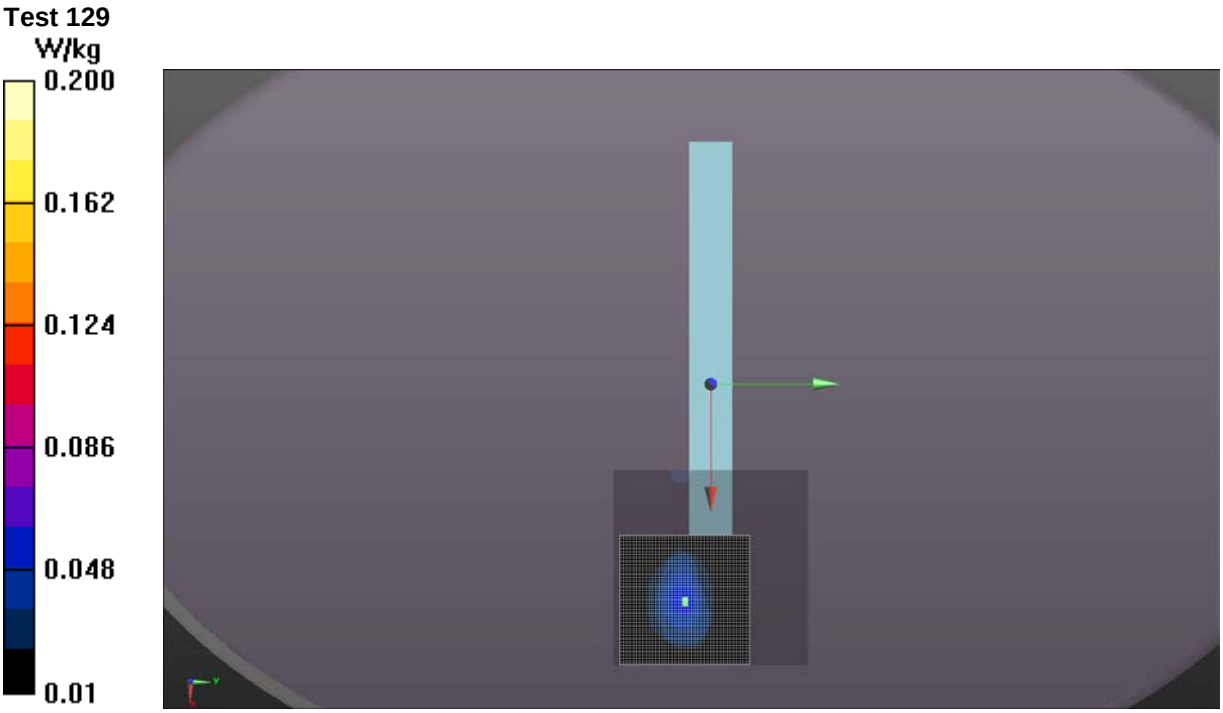
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm
Maximum value of SAR (interpolated) = 0.0587 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0586 W/kg

Approved By

SAR TEST DATA



SAR TEST DATA

Tested By:	Ethan Schoonover	Room Temperature (°C):	23.8
Date:	5/16/2014	Liquid Temperature (°C):	23.1
Serial Number:	008	Humidity (%RH):	40.8
Configuration:	INTE5453-1	Bar. Pressure (mb):	1016
Comments:	None		

Test 130
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D1900 (1900.0 MHz); Frequency: 1880 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1880 MHz; σ = 1.545 S/m; ε_r = 53.443; ρ = 1000 kg/m^3 , Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm
Maximum value of SAR (interpolated) = 0.120 W/kg

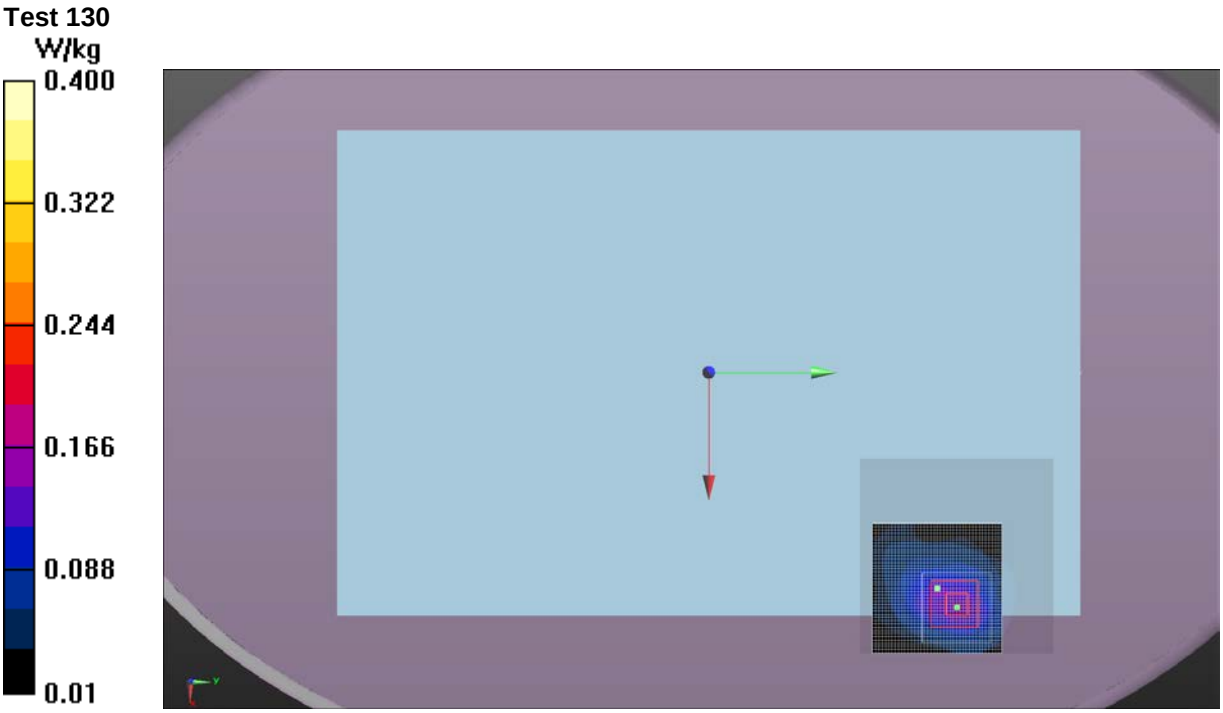
Body/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.375 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.250 W/kg
SAR(1 g) = 0.154 W/kg; SAR(10 g) = 0.088 W/kg
Maximum value of SAR (measured) = 0.185 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.199 W/kg

Body/Body/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of Total (measured) = 8.706 V/m
Maximum value of SAR (measured) = 0.117 W/kg

Approved By

SAR TEST DATA



SAR TEST DATA

WSTD.2013.09.09

Tested By:	Carl Engholm	Room Temperature (°C):	23.8
Date:	5/16/2014	Liquid Temperature (°C):	21.6
Serial Number:	008	Humidity (%RH):	41
Configuration:	INTE5453-1	Bar. Pressure (mb):	1021
Comments:	None		

Test 134
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D1900 (1900.0 MHz); Frequency: 1880 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1880 MHz; σ = 1.545 S/m; ε_r = 53.443; ρ = 1000 kg/m^3 , Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm
Maximum value of SAR (interpolated) = 0.0550 W/kg

Body/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.006 V/m; Power Drift = -0.26 dB
Peak SAR (extrapolated) = 0.167 W/kg
SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.033 W/kg
Maximum value of SAR (measured) = 0.116 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.116 W/kg

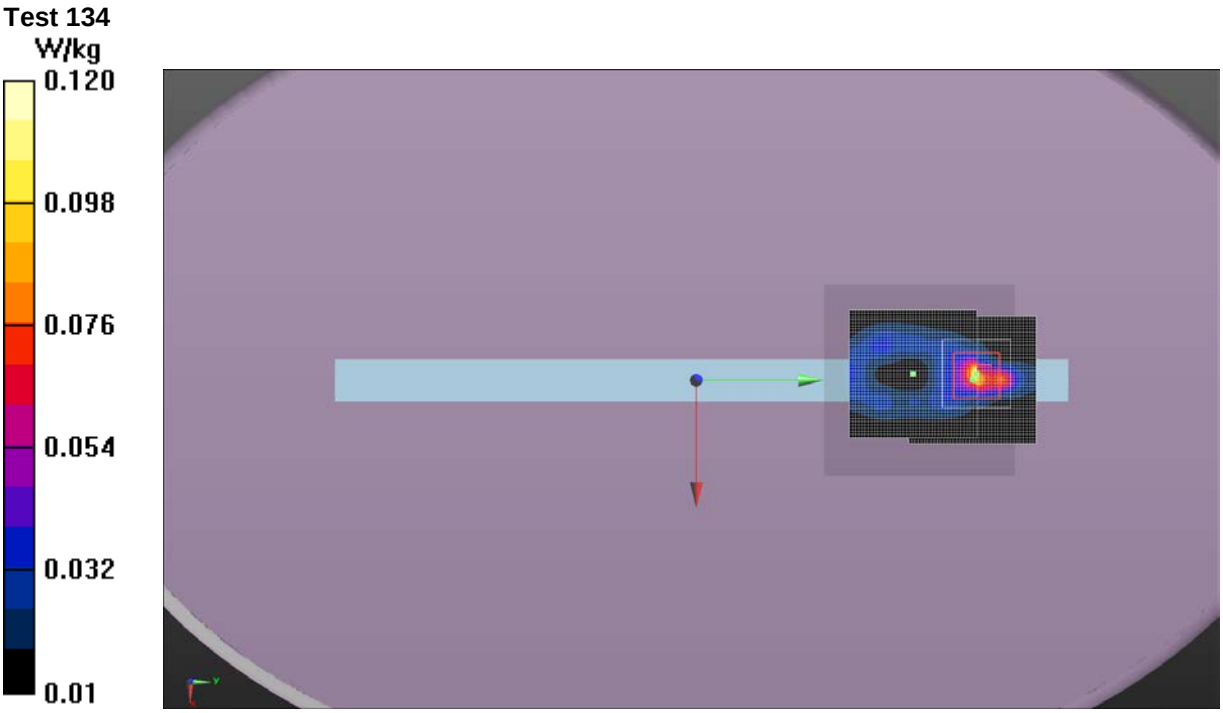
Body/Body/Area scan 2 (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.101 W/kg

Body/Body/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of Total (measured) = 5.848 V/m

Body/Body/Area scan 2 (5x5x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.101 W/kg

Approved By

SAR TEST DATA



SAR TEST DATA

Tested By:	Carl Engholm	Room Temperature (°C):	23.8
Date:	5/16/2014	Liquid Temperature (°C):	21.6
Serial Number:	008	Humidity (%RH):	41
Configuration:	INTE5453-1	Bar. Pressure (mb):	1021
Comments:	None		

Test 135
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D1900 (1900.0 MHz); Frequency: 1880 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1880 MHz; σ = 1.545 S/m; ε_r = 53.443; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

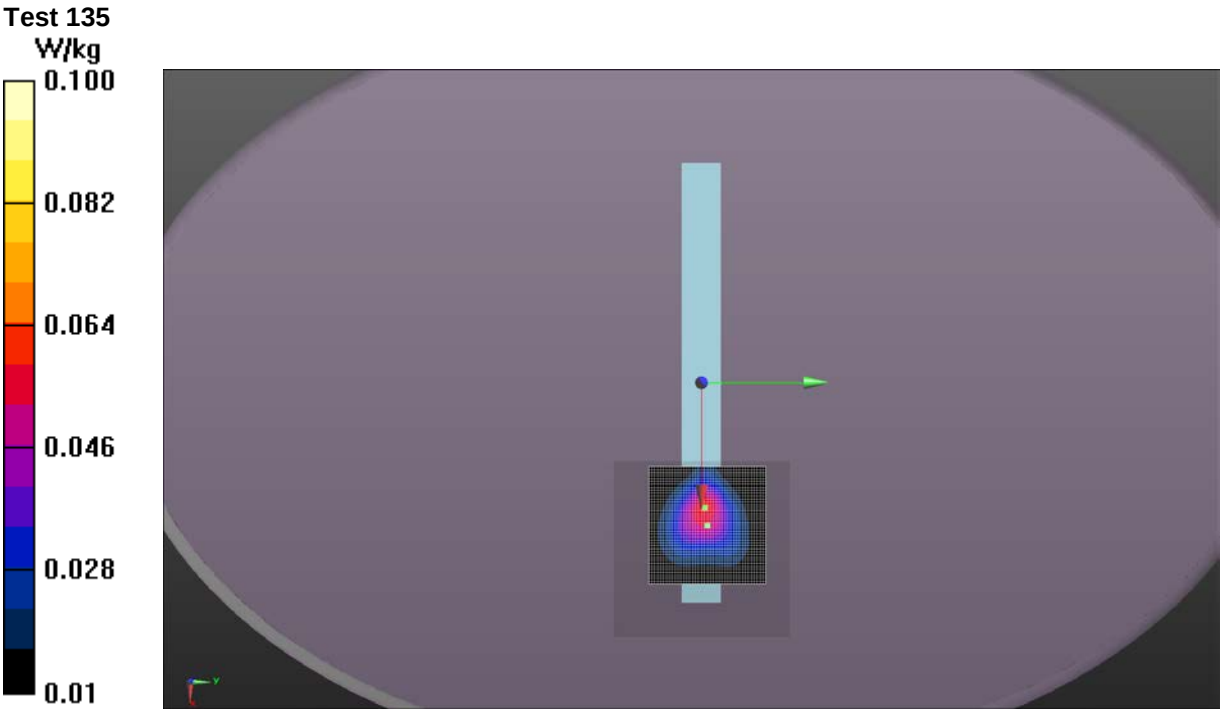
Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm
Maximum value of SAR (interpolated) = 0.0434 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0599 W/kg

Body/Body/Area scan (5x5x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0520 W/kg

Approved By

SAR TEST DATA



SAR TEST DATA

WSTD.2013.09.09

Tested By:	Ethan Schoonover	Room Temperature (°C):	23.8
Date:	5/16/2014	Liquid Temperature (°C):	23
Serial Number:	008	Humidity (%RH):	39.4
Configuration:	INTE5453-1	Bar. Pressure (mb):	1016
Comments:	1 down 1 up		

Test 127
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D1900 (1900.0 MHz); Frequency: 1880 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1880 MHz; σ = 1.545 S/m; ε_r = 53.443; ρ = 1000 kg/m^3 , Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm
Maximum value of SAR (interpolated) = 0.648 W/kg

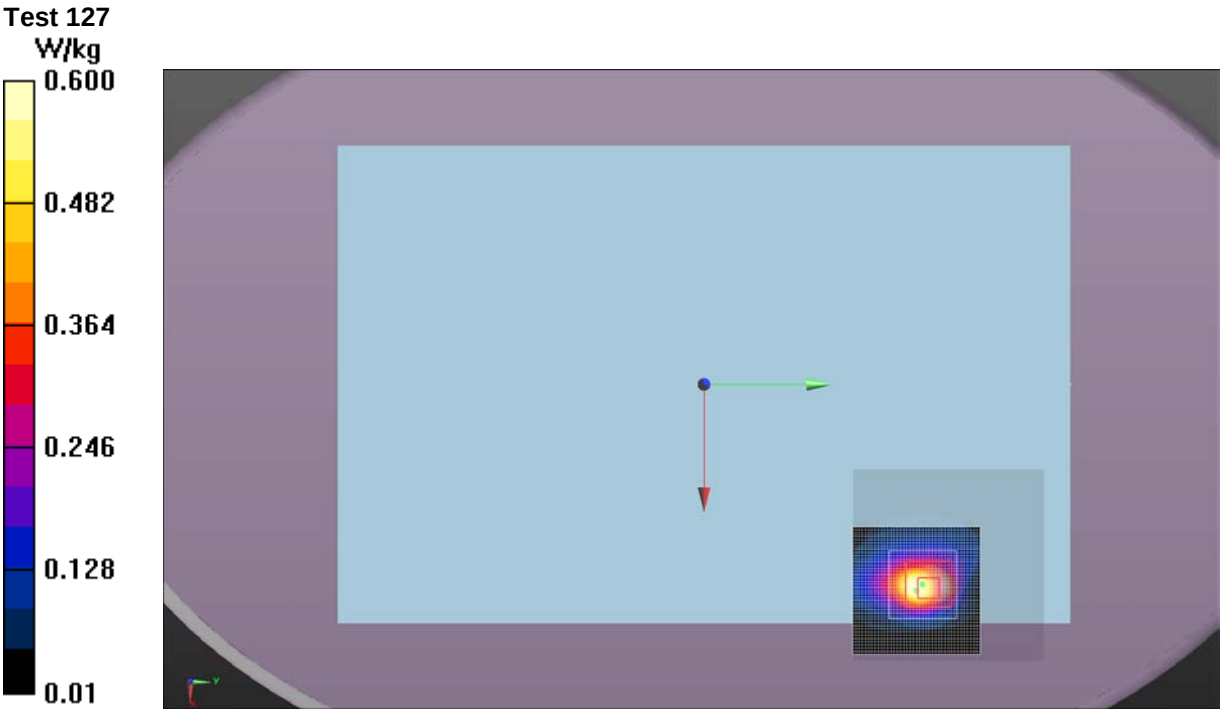
Body/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.824 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.573 W/kg; SAR(10 g) = 0.259 W/kg
Maximum value of SAR (measured) = 0.737 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.720 W/kg

Body/Body/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of Total (measured) = 15.28 V/m
Maximum value of SAR (measured) = 0.361 W/kg

Approved By

SAR TEST DATA



SAR TEST DATA

WSTD.2013.09.09

Tested By:	Ethan Schoonover	Room Temperature (°C):	23.8
Date:	5/16/2014	Liquid Temperature (°C):	23
Serial Number:	008	Humidity (%RH):	39.4
Configuration:	INTE5453-1	Bar. Pressure (mb):	1016
Comments:	1 down 2 up		

Test 127b
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D1900 (1900.0 MHz); Frequency: 1880 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1880 MHz; σ = 1.545 S/m; ε_r = 53.443; ρ = 1000 kg/m^3 , Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm
Maximum value of SAR (interpolated) = 1.31 W/kg

Body/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.662 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 2.54 W/kg
SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.524 W/kg
Maximum value of SAR (measured) = 1.50 W/kg

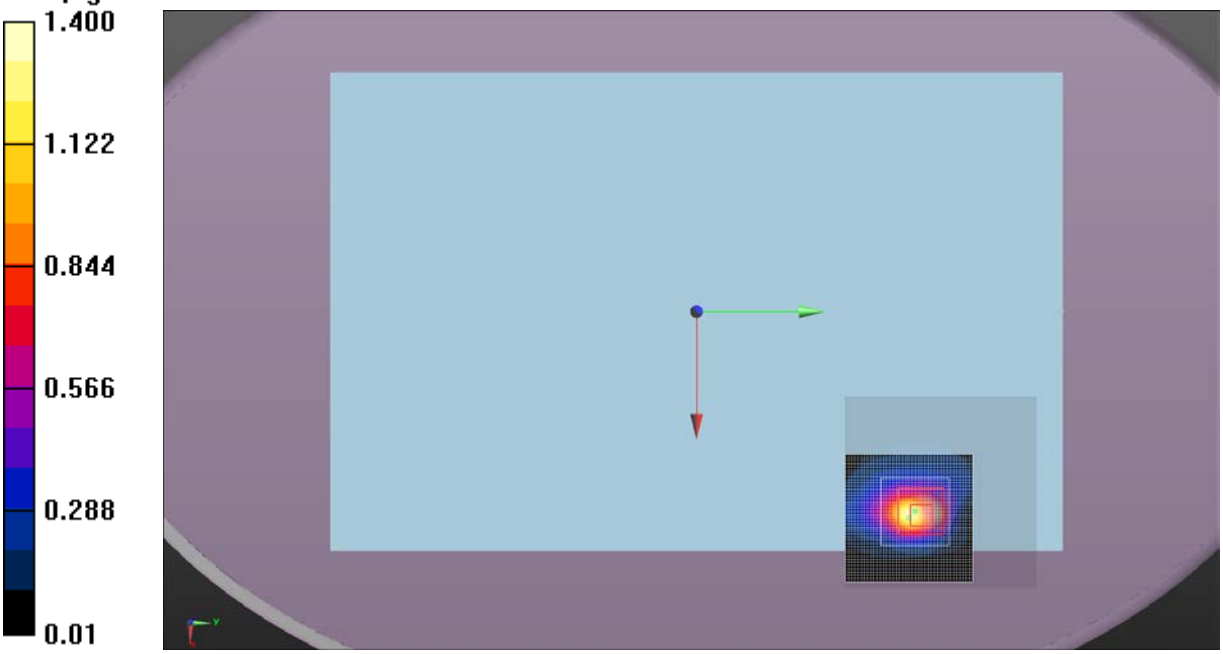
Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.47 W/kg

Body/Body/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of Total (measured) = 21.76 V/m
Maximum value of SAR (measured) = 0.732 W/kg

Approved By

SAR TEST DATA

Test 127b



SAR TEST DATA

WSTD.2013.09.09

Tested By:	Carl Engholm	Room Temperature (°C):	22.4
Date:	5/15/2014	Liquid Temperature (°C):	20.7
Serial Number:	008	Humidity (%RH):	36
Configuration:	INTE5453-1	Bar. Pressure (mb):	1017
Comments:	None		

Test 137
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D1900 (1900.0 MHz); Frequency: 1880 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1880 MHz; σ = 1.545 S/m; ε_r = 53.443; ρ = 1000 kg/m^3 , Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm
Maximum value of SAR (interpolated) = 0.0750 W/kg

Body/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.743 V/m; Power Drift = -0.34 dB
Peak SAR (extrapolated) = 0.270 W/kg
SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.054 W/kg
Maximum value of SAR (measured) = 0.164 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.163 W/kg

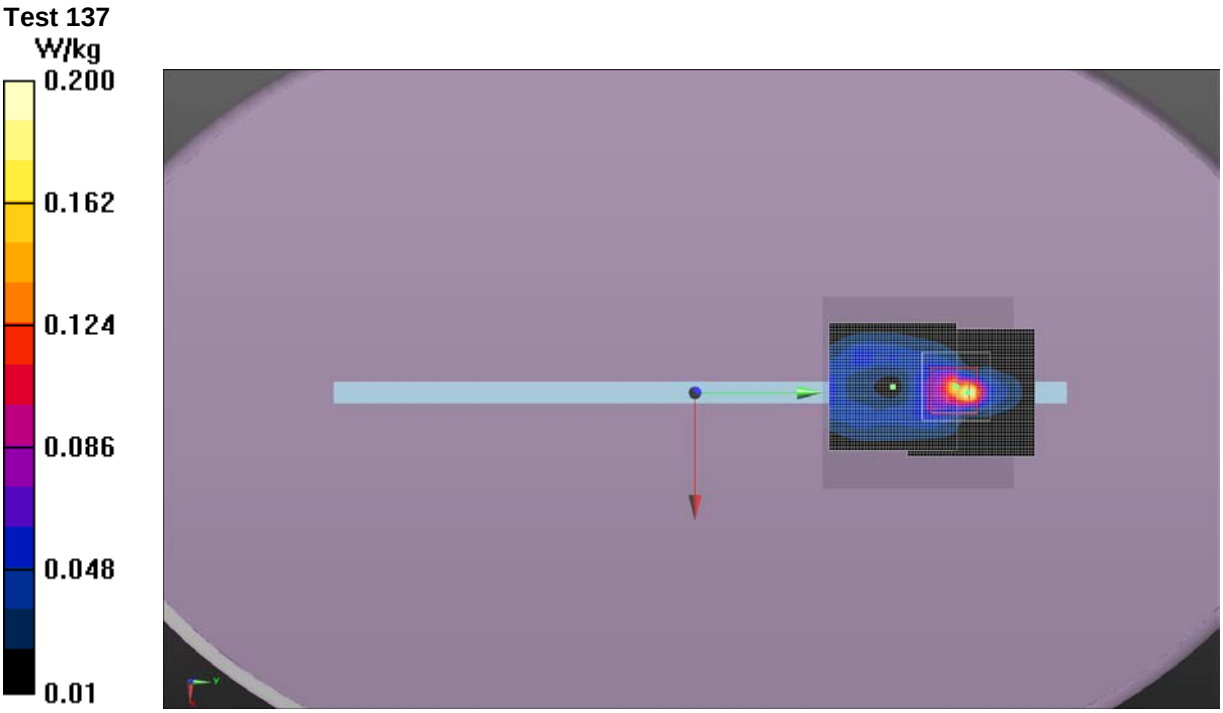
Body/Body/Area scan 2 (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.204 W/kg

Body/Body/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of Total (measured) = 7.319 V/m

Body/Body/Area scan 2 (5x5x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.199 W/kg

Approved By

SAR TEST DATA



SAR TEST DATA

WSTD.2013.09.09

Tested By:	Ethan Schoonover	Room Temperature (°C):	23.8
Date:	5/16/2014	Liquid Temperature (°C):	23
Serial Number:	008	Humidity (%RH):	39.4
Configuration:	INTE5453-1	Bar. Pressure (mb):	1016
Comments:	None		

Test 138
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D1900 (1900.0 MHz); Frequency: 1880 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1880 MHz; σ = 1.545 S/m; ε_r = 53.443; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

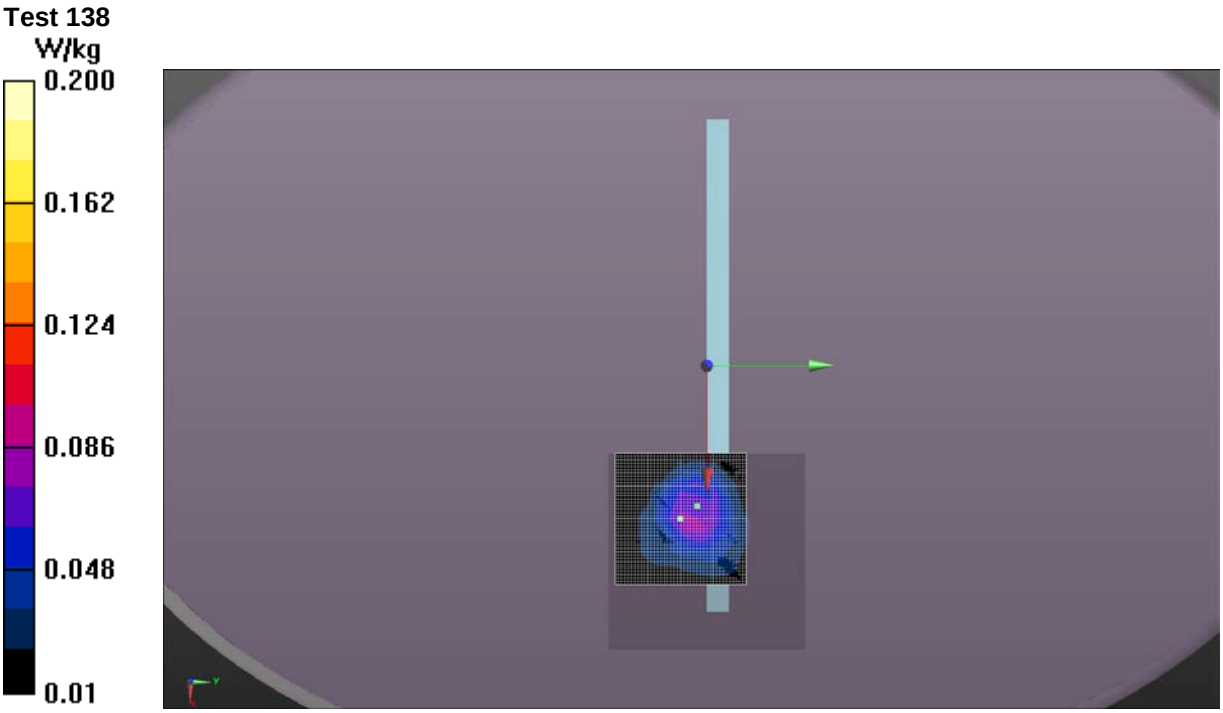
Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm
Maximum value of SAR (interpolated) = 0.0728 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0963 W/kg

Body/Body/Area scan (5x5x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0792 W/kg

Approved By

SAR TEST DATA



SAR TEST DATA

WSTD.2013.09.09

Tested By:	Carl Engholm	Room Temperature (°C):	22.4
Date:	5/15/2014	Liquid Temperature (°C):	20.7
Serial Number:	008	Humidity (%RH):	36
Configuration:	INTE5453-1	Bar. Pressure (mb):	1017
Comments:	None		

Test 139
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D1900 (1900.0 MHz); Frequency: 1880 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1880 MHz; σ = 1.545 S/m; ε_r = 53.443; ρ = 1000 kg/m^3 , Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm
Maximum value of SAR (interpolated) = 0.644 W/kg

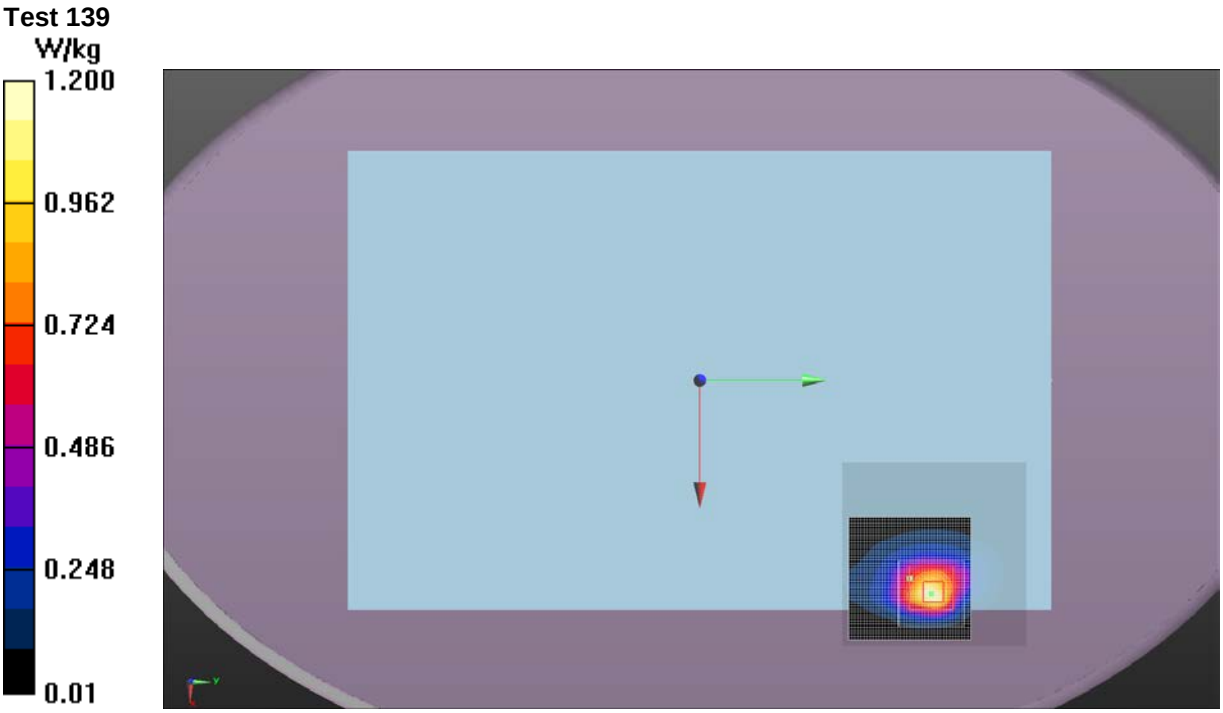
Body/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.106 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.37 W/kg
SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.454 W/kg
Maximum value of SAR (measured) = 1.49 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.20 W/kg

Body/Body/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of Total (measured) = 20.66 V/m
Maximum value of SAR (measured) = 0.659 W/kg

Approved By

SAR TEST DATA



SAR TEST DATA

WSTD.2013.09.09

Tested By:	Ethan Schoonover	Room Temperature (°C):	23.8
Date:	5/16/2014	Liquid Temperature (°C):	23.1
Serial Number:	008	Humidity (%RH):	40.8
Configuration:	INTE5453-1	Bar. Pressure (mb):	1016
Comments:	None		

Test 139a
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D1900 (1900.0 MHz); Frequency: 1852.4 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.506 S/m; ε_r = 53.479; ρ = 1000 kg/m^3 , Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.701 W/kg

Body/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.470 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 2.33 W/kg
SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.465 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.45 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.42 W/kg

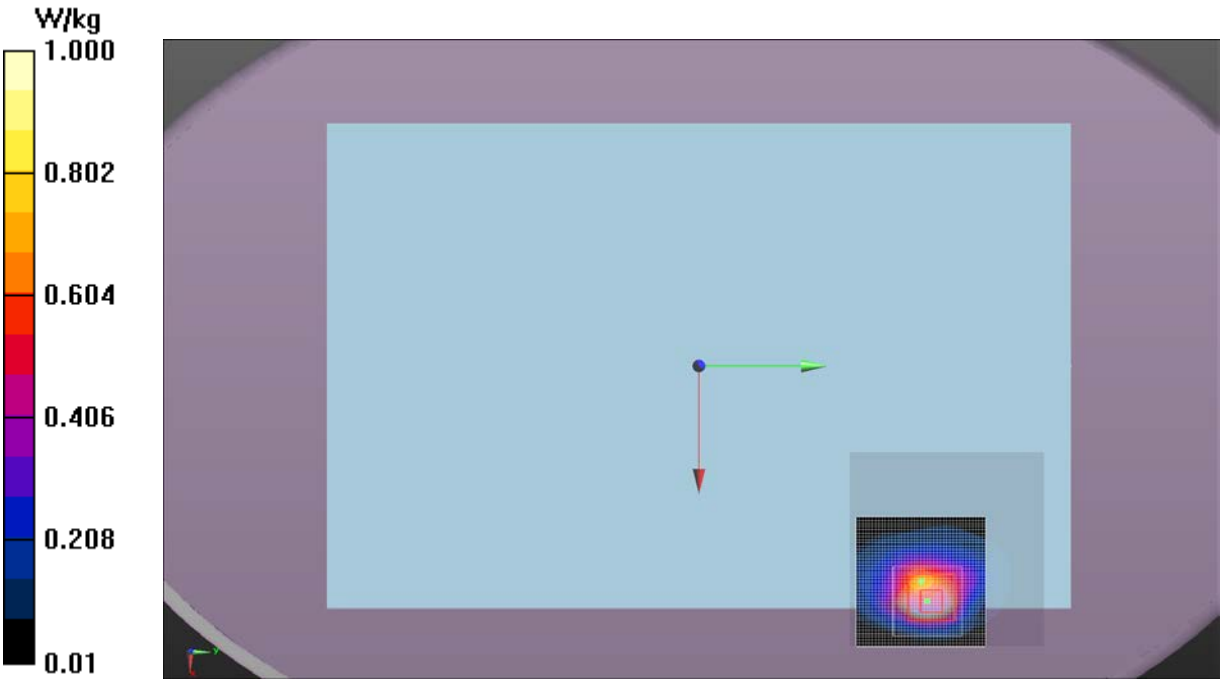
Body/Body/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of Total (measured) = 20.89 V/m
Maximum value of SAR (measured) = 0.657 W/kg

Approved By

SAR TEST DATA

Test 139a



SAR TEST DATA

WSTD.2013.09.09

Tested By:	Ethan Schoonover	Room Temperature (°C):	23.8
Date:	5/16/2014	Liquid Temperature (°C):	23.1
Serial Number:	008	Humidity (%RH):	40.8
Configuration:	INTE5453-1	Bar. Pressure (mb):	1016
Comments:	None		

Test 139b
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D1900 (1900.0 MHz); Frequency: 1907.6 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.583 S/m; ε_r = 53.499; ρ = 1000 kg/m^3 , Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.689 W/kg

Body/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.374 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.33 W/kg
SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.448 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.34 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

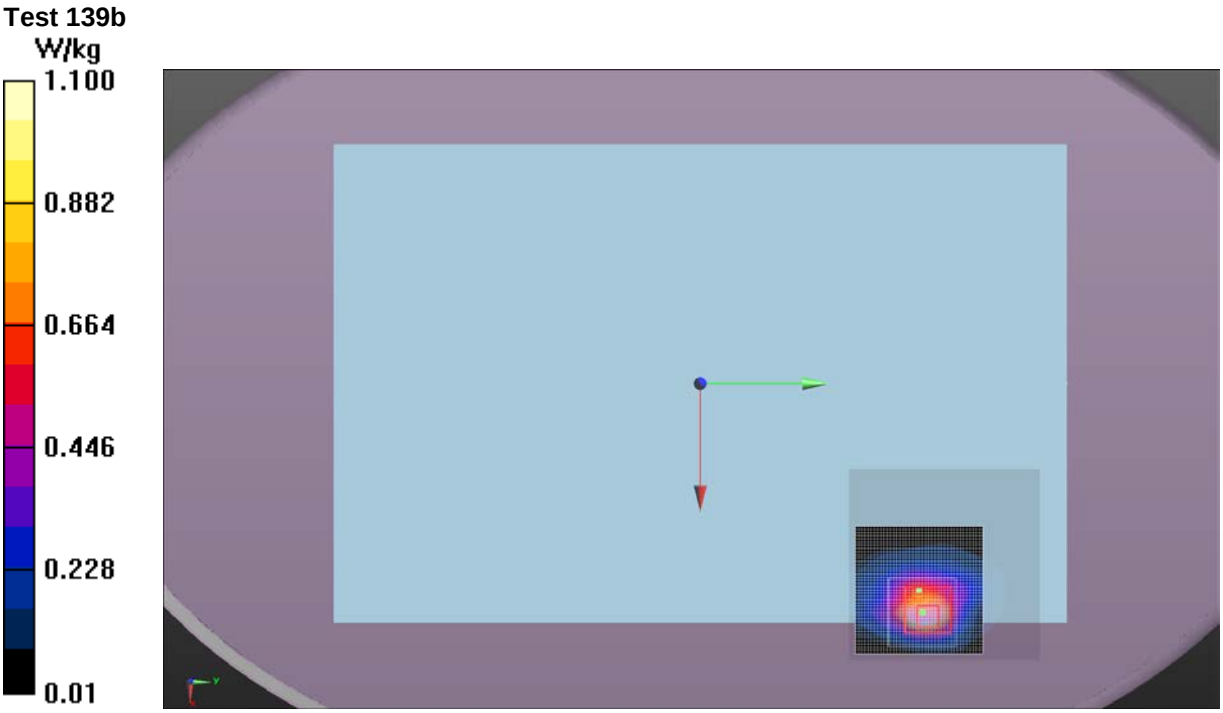
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.39 W/kg

Body/Body/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

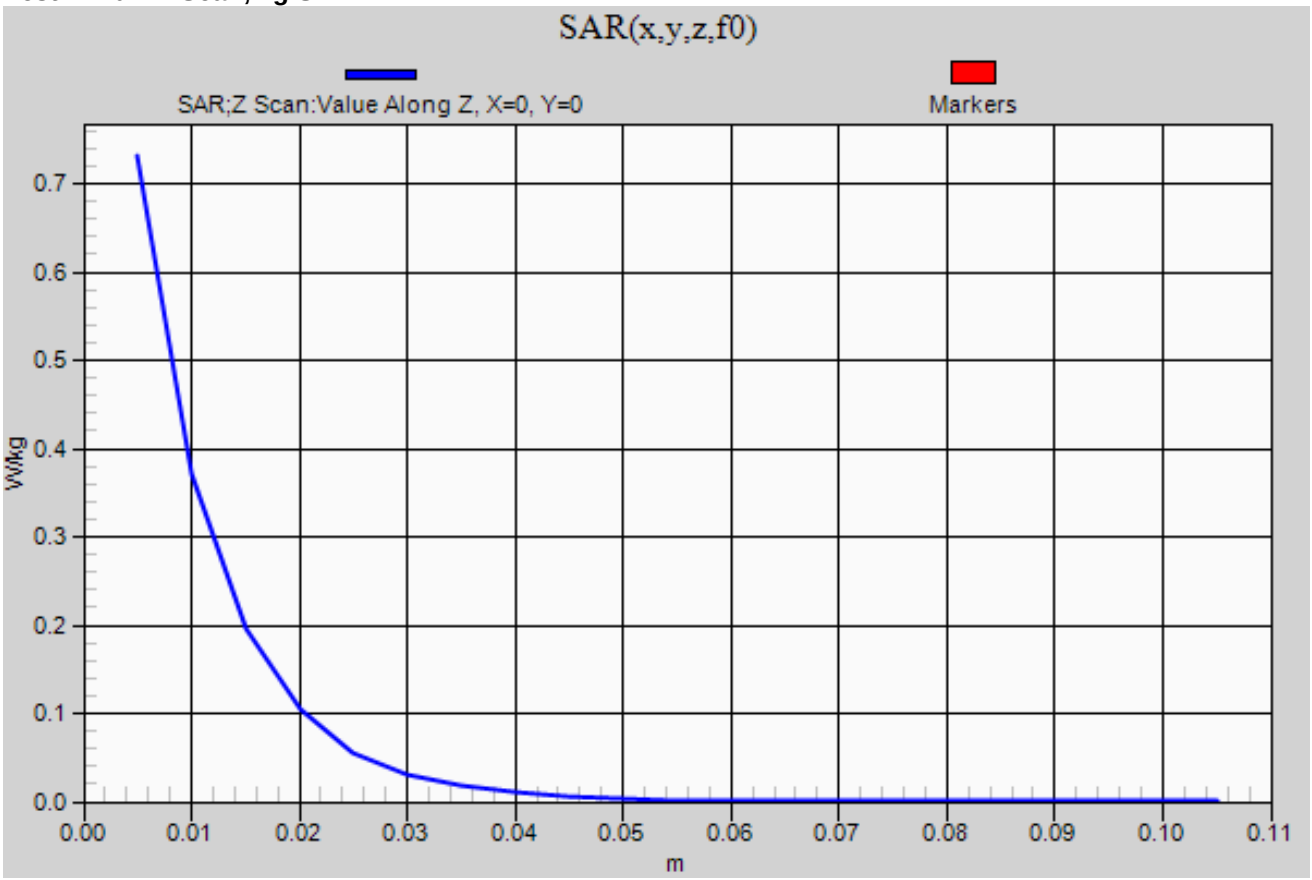
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of Total (measured) = 19.64 V/m
Maximum value of SAR (measured) = 0.611 W/kg

Approved By

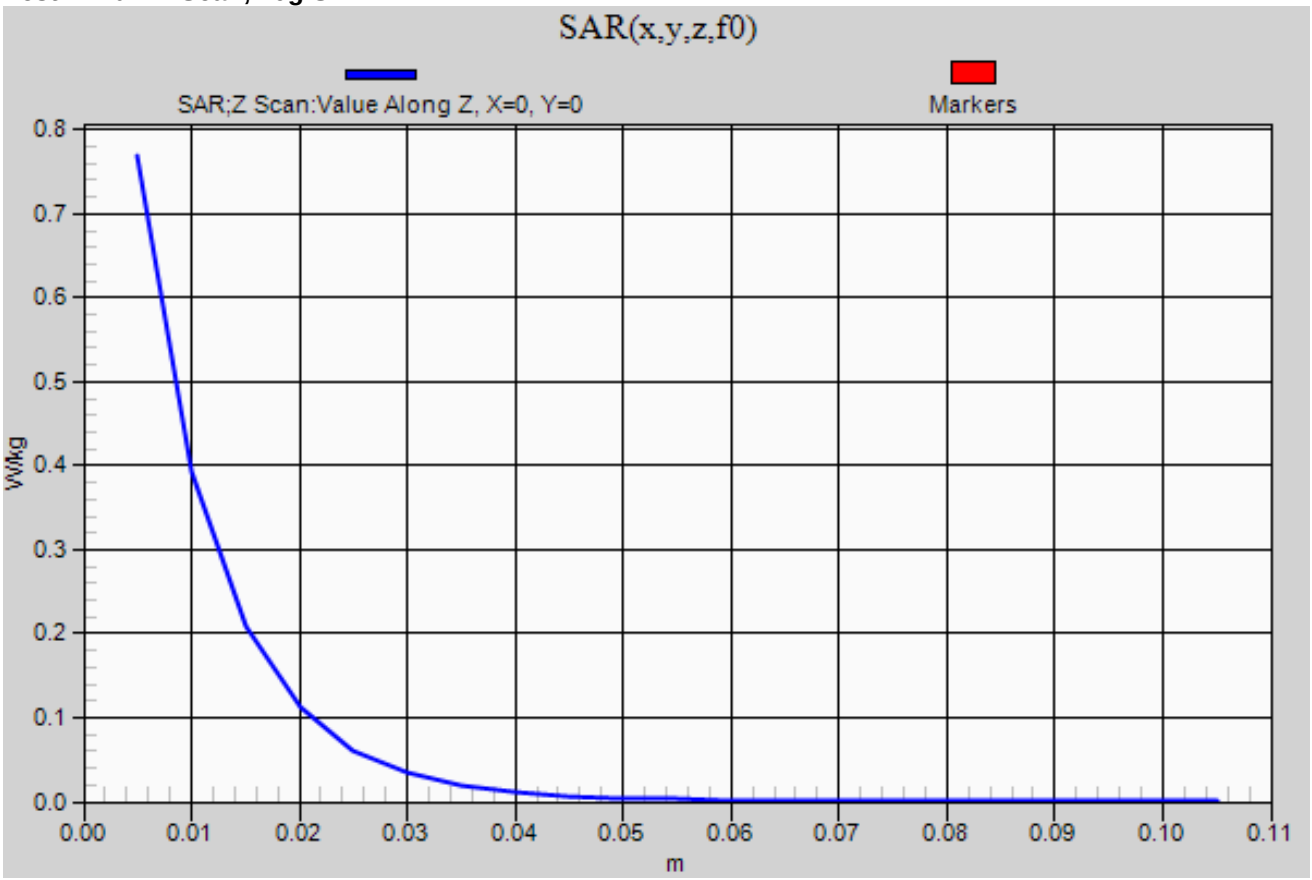
SAR TEST DATA



Test 127b – Z Scan, 1g SAR



Test 142b – Z Scan, 10g SAR



SAR TEST DATA

WSTD.2013.09.09

EUT:	WSBUB-SDS	Work Order:	INTE5453
Customer:	Intel Corporation	Job Site:	EV08
Attendees:	Mike Lowe, Bill Jones	Customer Project:	None

TEST SPECIFICATIONS

Specification:	Method:
FCC 2.1093:2014	IEEE Std 1528:2003 FCC KDB 447498 D01 v05r02 FCC KDB 941225 D01 v02, D03 v01 and D05 v02r03 FCC KDB 616217 D04 v01r01 FCC KDB 865664 D01 v01r03 and D02 v01r01

COMMENTS

0 mm spacing between the phantom and the EUT. Tested at low output power.

DEVIATIONS FROM TEST STANDARD

None

RESULTS

Test Configuration	Frequency Band	Transmit Frequency (MHz)	Transmit Channel	Transmit Mode	Data Rate (Mbps)	Distance	Mode	EUT Position	Power Drift During Test (dB)	Measured 1g SAR Level (mW/g)	Measured 10g SAR Level (mW/g)	Test #
Body	AWS	1735.4	1427	WCDMA	12.2 kbps RMC / Test Loop 1	0 mm	Tablet	Top	0.06	0.14	0.08	131
Body	AWS	1735.4	1427	WCDMA	12.2 kbps RMC / Test Loop 1	0 mm	Tablet	Right	N/A	0.02	0.02	132
Body	AWS	1735.4	1427	WCDMA	12.2 kbps RMC / Test Loop 1	0 mm	Tablet	Back	-0.03	0.14	0.08	133
Body	AWS	1735.4	1427	WCDMA	12.2 kbps RMC / Test Loop 1	0 mm	Tent	Top	0.04	0.14	0.07	140
Body	AWS	1735.4	1427	WCDMA	12.2 kbps RMC / Test Loop 1	0 mm	Tent	Right	N/A	0.01	0.01	141
Body	AWS	1735.4	1427	WCDMA	12.2 kbps RMC / Test Loop 1	0 mm	Tent	Back	-0.05	1.12	0.51	142
Body	AWS	1712.4	1312	WCDMA	12.2 kbps RMC / Test Loop 1	0 mm	Tent	Back	-0.03	0.99	0.46	142a
Body	AWS	1756.6	1513	WCDMA	12.2 kbps RMC / Test Loop 1	0 mm	Tent	Back	-0.01	1.14	0.52	142b

SAR TEST DATA

Tested By:	Carl Engholm	Room Temperature (°C):	23.8
Date:	5/16/2014	Liquid Temperature (°C):	21.5
Serial Number:	008	Humidity (%RH):	42
Configuration:	INTE5453-1	Bar. Pressure (mb):	1019
Comments:	None		

Test 131
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D1750 (1750.0 MHz); Frequency: 1735.4 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 1735.4 MHz; σ = 1.51 S/m; ε_r = 55.356; ρ = 1000 kg/m^3 , Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.126 W/kg

Body/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.795 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.230 W/kg
SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.076 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.168 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.173 W/kg

Body/Body/Area scan 2 (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.207 W/kg

Body/Body/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of Total (measured) = 8.076 V/m

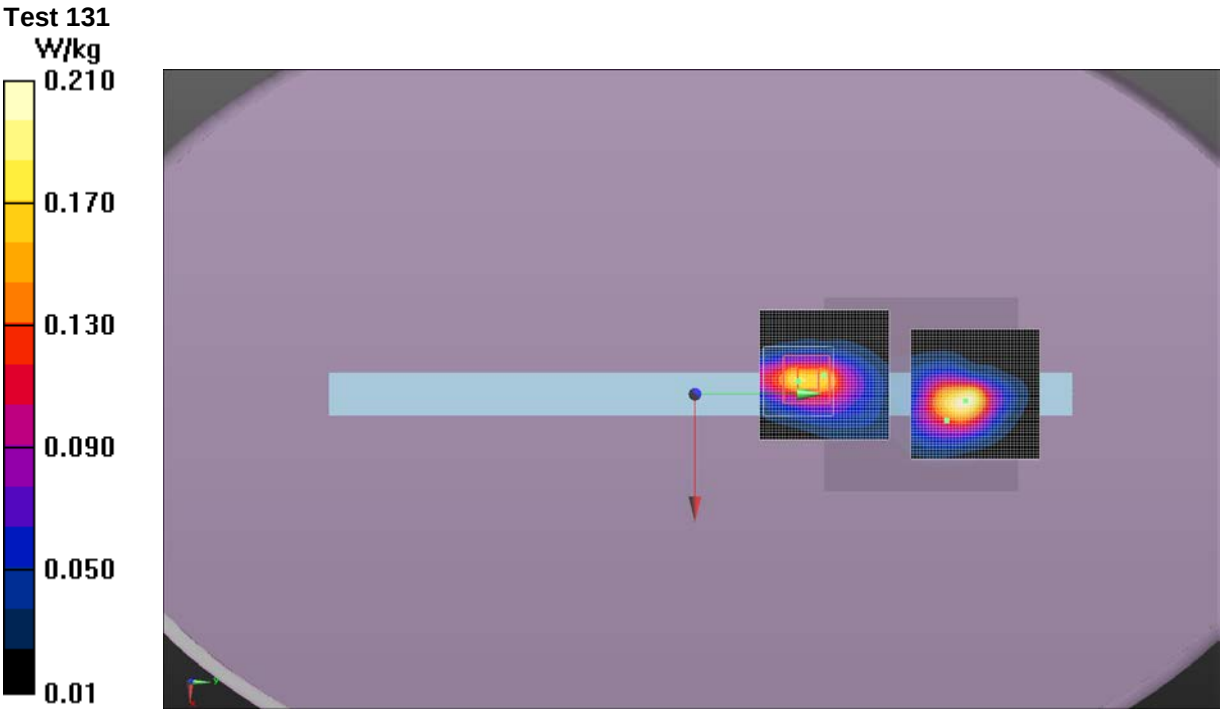
SAR TEST DATA

Body/Body/Area scan 2 (5x5x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.178 W/kg

Approved By

SAR TEST DATA



SAR TEST DATA

WSTD.2013.09.09

Tested By:	Carl Engholm	Room Temperature (°C):	23.8
Date:	5/16/2014	Liquid Temperature (°C):	21.5
Serial Number:	008	Humidity (%RH):	42
Configuration:	INTE5453-1	Bar. Pressure (mb):	1019
Comments:	None		

Test 132
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D1750 (1750.0 MHz); Frequency: 1735.4 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 1735.4 MHz; σ = 1.51 S/m; ε_r = 55.356; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.0149 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

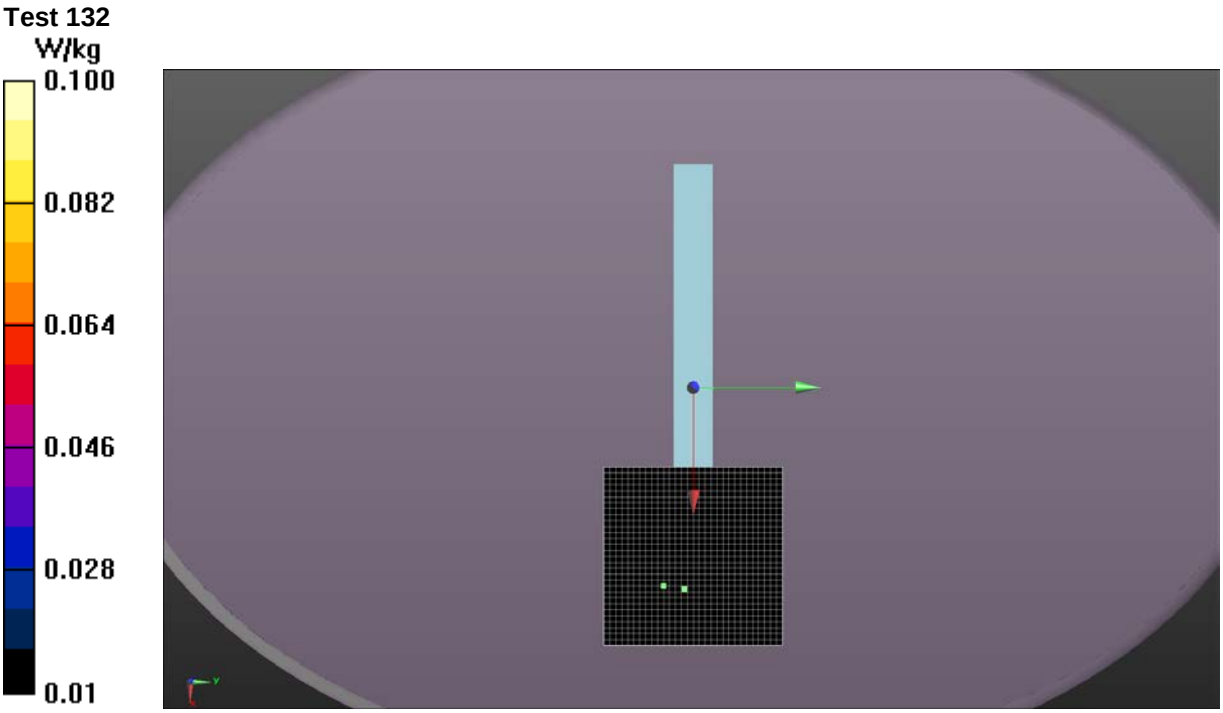
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.0184 W/kg

Body/Body/Area scan (5x5x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0152 W/kg

Approved By

SAR TEST DATA



SAR TEST DATA

WSTD.2013.09.09

Tested By:	Carl Engholm	Room Temperature (°C):	23.8
Date:	5/16/2014	Liquid Temperature (°C):	21.5
Serial Number:	008	Humidity (%RH):	42
Configuration:	INTE5453-1	Bar. Pressure (mb):	1019
Comments:	None		

Test 133
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D1750 (1750.0 MHz); Frequency: 1735.4 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 1735.4 MHz; σ = 1.51 S/m; ε_r = 55.356; ρ = 1000 kg/m^3 , Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.143 W/kg

Body/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.040 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.222 W/kg
SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.084 W/kg

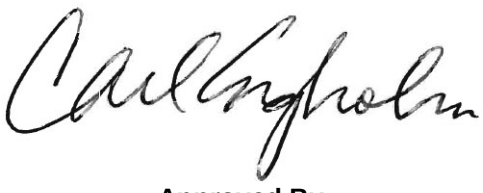
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.169 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.173 W/kg

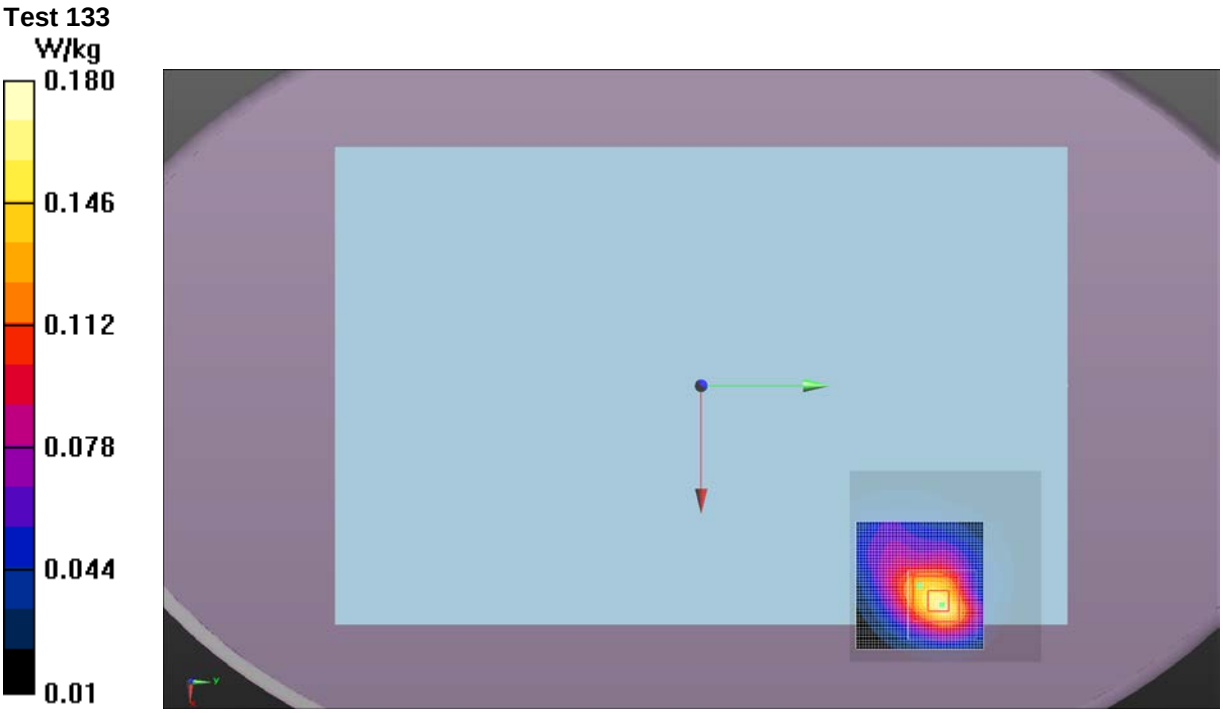
Body/Body/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of Total (measured) = 8.453 V/m
Maximum value of SAR (measured) = 0.108 W/kg



Approved By

SAR TEST DATA



SAR TEST DATA

Tested By:	Carl Engholm	Room Temperature (°C):	24.2
Date:	5/16/2014	Liquid Temperature (°C):	21.6
Serial Number:	008	Humidity (%RH):	42
Configuration:	INTE5453-1	Bar. Pressure (mb):	1019
Comments:	None		

Test 140
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D1750 (1750.0 MHz); Frequency: 1735.4 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 1735.4 MHz; σ = 1.51 S/m; ε_r = 55.356; ρ = 1000 kg/m^3 , Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x41x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.105 W/kg

Body/Body/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.703 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.296 W/kg
SAR(1 g) = 0.140 W/kg; SAR(10 g) = 0.070 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.190 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.170 W/kg

Body/Body/Area scan 2 (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.188 W/kg

Body/Body/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of Total (measured) = 7.591 V/m

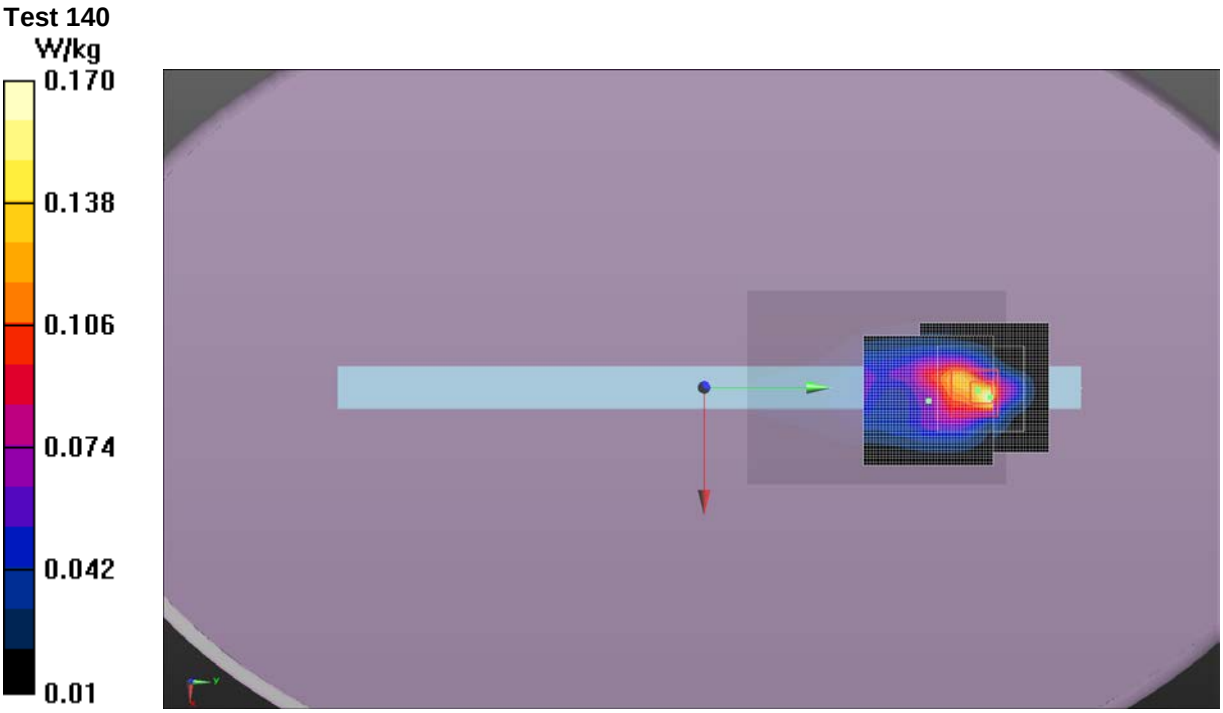
SAR TEST DATA

Body/Body/Area scan 2 (5x5x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.172 W/kg

Approved By

SAR TEST DATA



SAR TEST DATA

WSTD.2013.09.09

Tested By:	Carl Engholm	Room Temperature (°C):	24.2
Date:	5/16/2014	Liquid Temperature (°C):	21.6
Serial Number:	008	Humidity (%RH):	42
Configuration:	INTE5453-1	Bar. Pressure (mb):	1019
Comments:	None		

Test 141
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D1750 (1750.0 MHz); Frequency: 1735.4 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 1735.4 MHz; σ = 1.51 S/m; ε_r = 55.356; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.00622 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

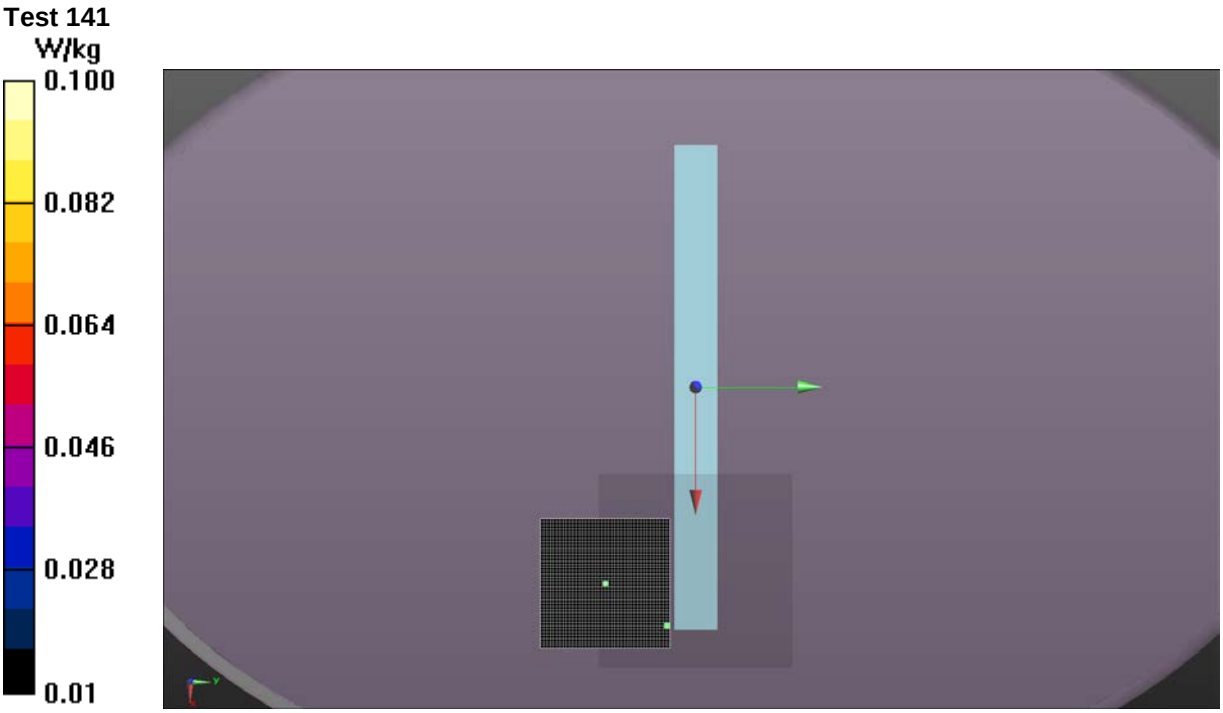
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.00584 W/kg

Body/Body/Area scan (5x5x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.00519 W/kg

Approved By

SAR TEST DATA



SAR TEST DATA

WSTD.2013.09.09

Tested By:	Carl Engholm	Room Temperature (°C):	24.3
Date:	5/16/2014	Liquid Temperature (°C):	21.6
Serial Number:	008	Humidity (%RH):	42
Configuration:	INTE5453-1	Bar. Pressure (mb):	1019
Comments:	None		

Test 142
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D1750 (1750.0 MHz); Frequency: 1735.4 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 1735.4 MHz; σ = 1.51 S/m; ε_r = 55.356; ρ = 1000 kg/m^3 , Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.668 W/kg

Body/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.673 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 2.43 W/kg
SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.514 W/kg

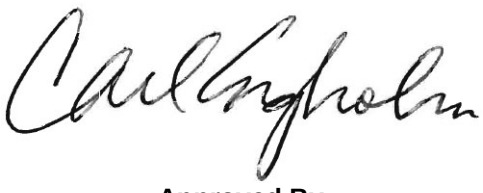
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.48 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.72 W/kg

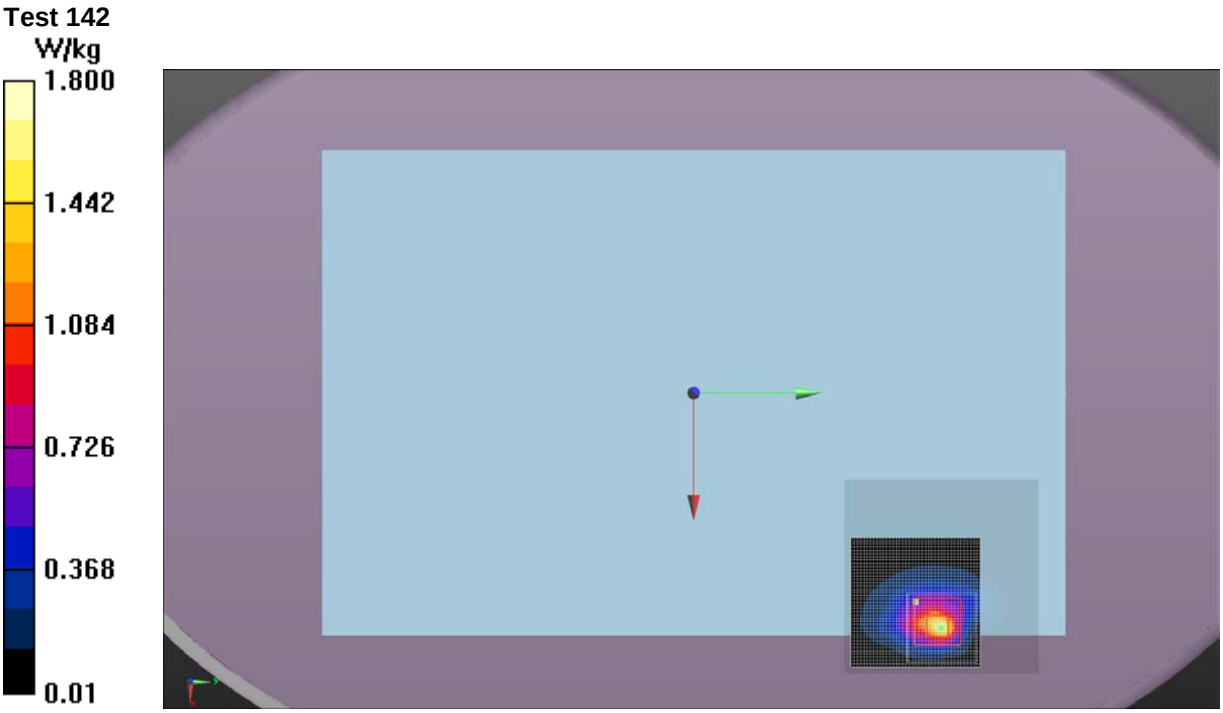
Body/Body/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of Total (measured) = 22.27 V/m
Maximum value of SAR (measured) = 0.749 W/kg



Approved By

SAR TEST DATA



SAR TEST DATA

WSTD.2013.09.09

Tested By:	Carl Engholm	Room Temperature (°C):	24.3
Date:	5/16/2014	Liquid Temperature (°C):	21.6
Serial Number:	008	Humidity (%RH):	42
Configuration:	INTE5453-1	Bar. Pressure (mb):	1019
Comments:	None		

Test 142a
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D1750 (1750.0 MHz); Frequency: 1712.4 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.487 S/m; ε_r = 55.436; ρ = 1000 kg/m^3 , Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.589 W/kg

Body/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.964 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 2.13 W/kg
SAR(1 g) = 0.989 W/kg; SAR(10 g) = 0.456 W/kg

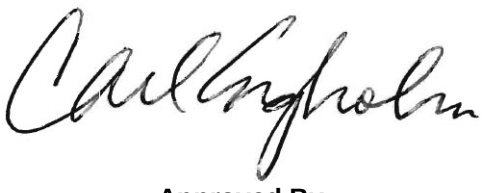
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.31 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.54 W/kg

Body/Body/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

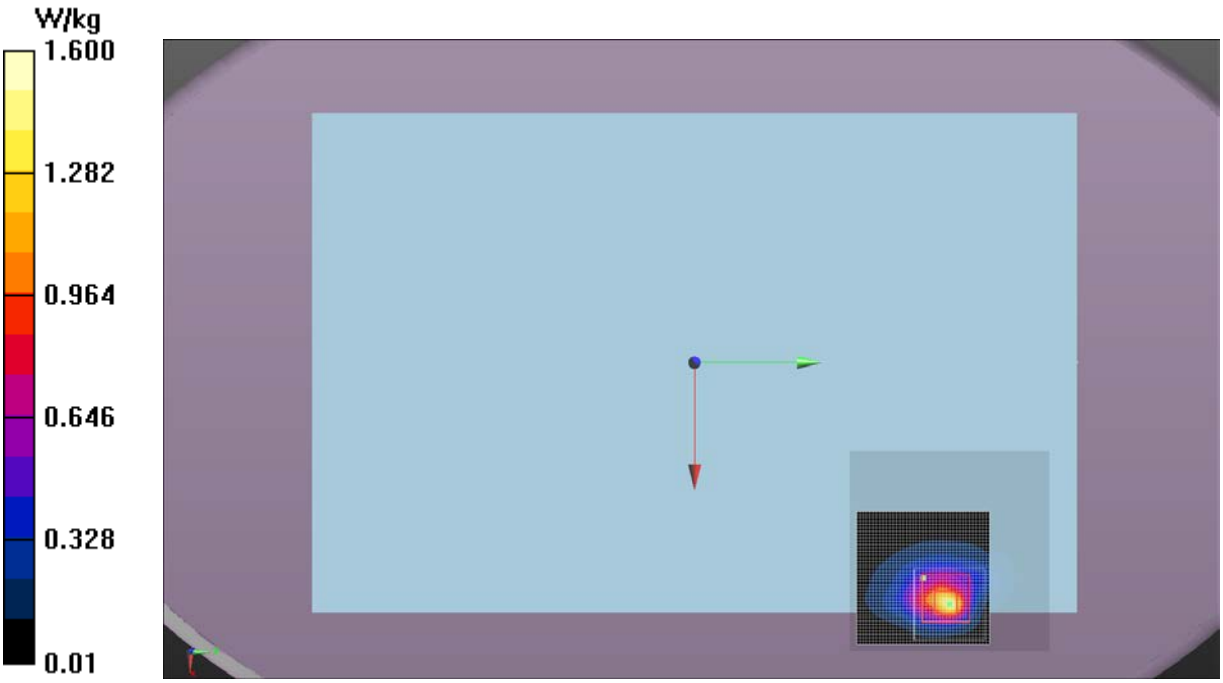
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of Total (measured) = 21.28 V/m
Maximum value of SAR (measured) = 0.674 W/kg



Approved By

SAR TEST DATA

Test 142a



SAR TEST DATA

WSTD.2013.09.09

Tested By:	Carl Engholm	Room Temperature (°C):	24.2
Date:	5/16/2014	Liquid Temperature (°C):	21.9
Serial Number:	008	Humidity (%RH):	41
Configuration:	INTE5453-1	Bar. Pressure (mb):	1019
Comments:	None		

Test 142b
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D1750 (1750.0 MHz); Frequency: 1756.6 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 1756.6 MHz; σ = 1.531 S/m; ε_r = 55.183; ρ = 1000 kg/m^3 , Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.678 W/kg

Body/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.894 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.50 W/kg
SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.523 W/kg

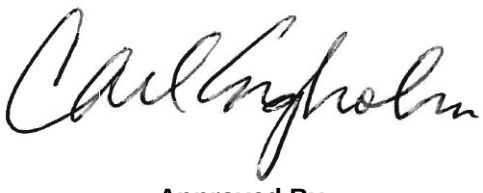
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.52 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.73 W/kg

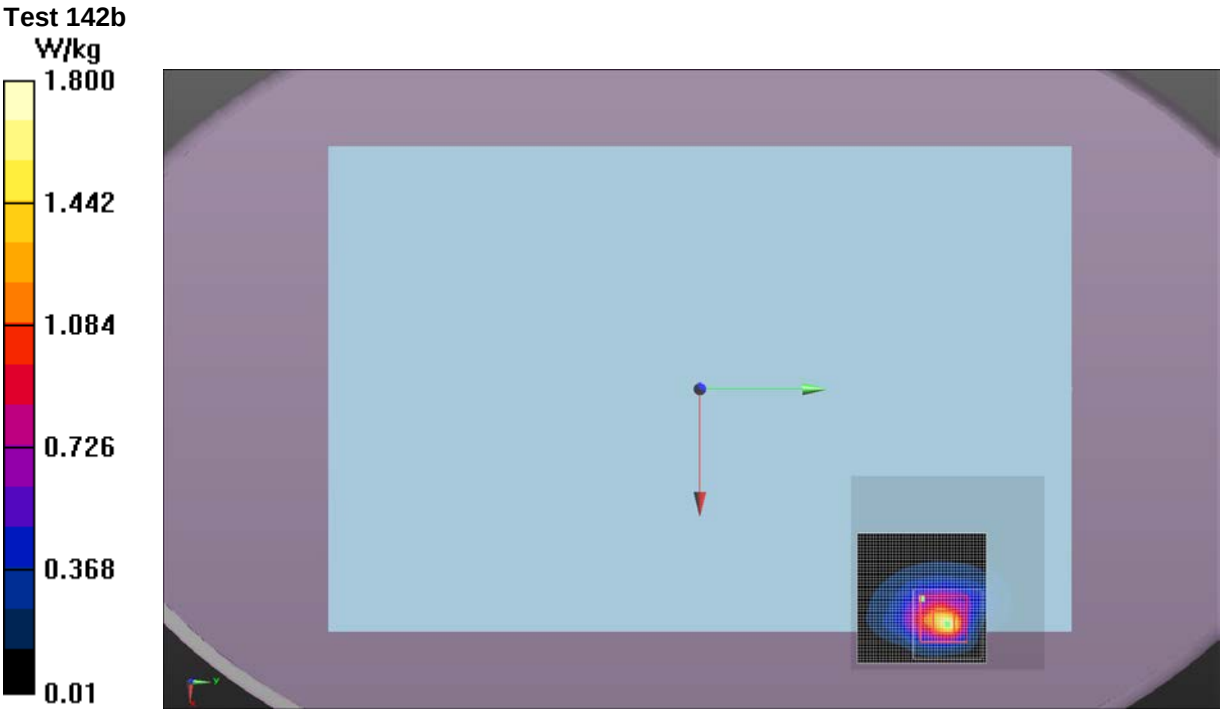
Body/Body/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of Total (measured) = 22.41 V/m
Maximum value of SAR (measured) = 0.769 W/kg

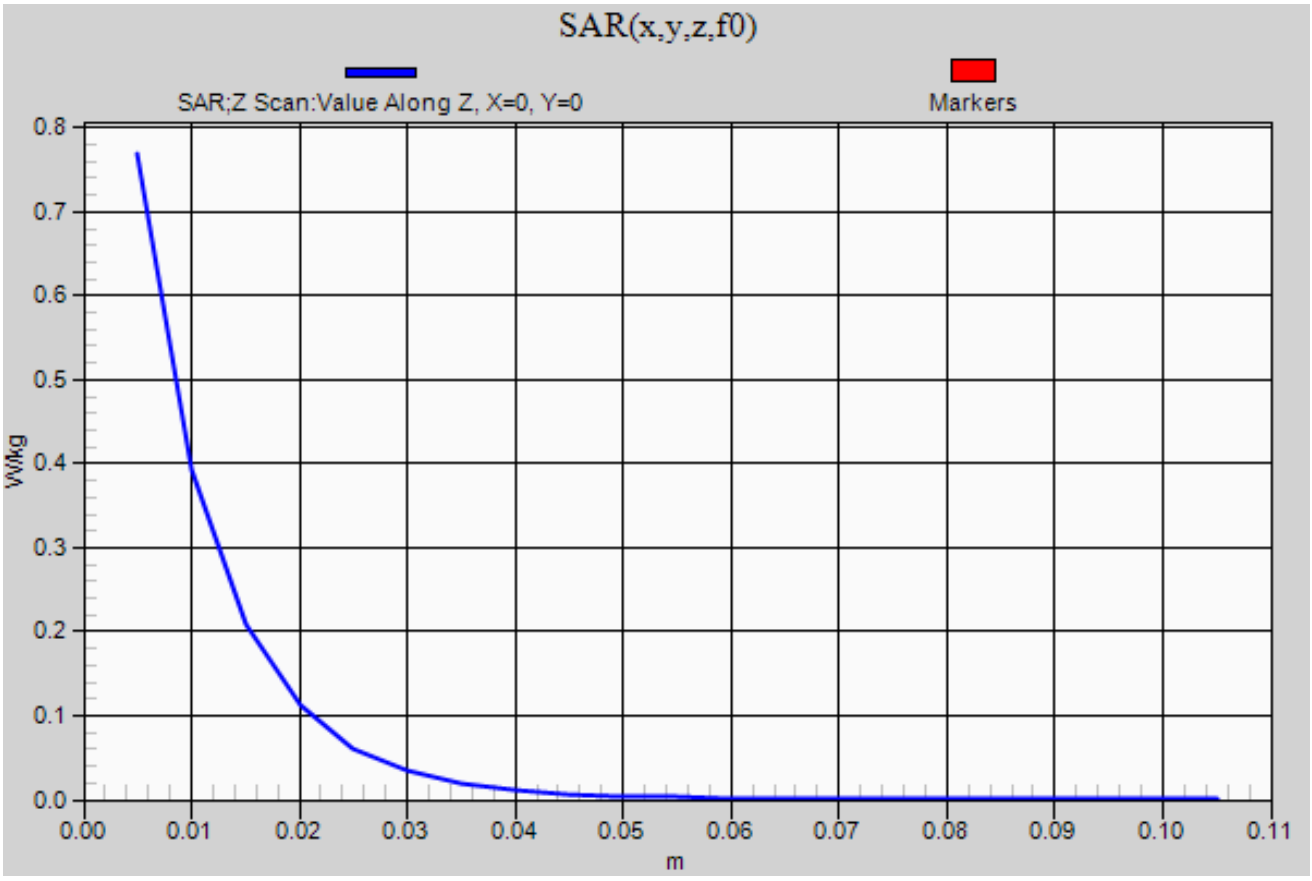


Approved By

SAR TEST DATA



Test 142b – Z Scan



SAR TEST DATA

WSTD.2013.09.09

EUT:	WSBUB-SDS	Work Order:	INTE5453
Customer:	Intel Corporation	Job Site:	EV08
Attendees:	Mike Lowe, Bill Jones	Customer Project:	None

TEST SPECIFICATIONS

Specification:	Method:
FCC 2.1093:2014	IEEE Std 1528:2003 FCC KDB 447498 D01 v05r02 FCC KDB 941225 D01 v02, D03 v01 and D05 v02r03 FCC KDB 616217 D04 v01r01 FCC KDB 865664 D01 v01r03 and D02 v01r01

COMMENTS

0 mm spacing between the phantom and the EUT. Tested at low output power.

DEVIATIONS FROM TEST STANDARD

None

RESULTS

Test Configuration	Transmit Mode	Frequency Band	Transmit Frequency (MHz)	Transmit Channel	Data Rate (Mbps)	Bandwidth	Mode	EUT Position	Power Drift During Test (dB)	Measured 1g SAR Level (mW/g)	Measured 10g SAR Level (mW/g)	Test #
Body	LTE	2	1860	18700	QPSK 1RB offset 0	20MHz	Tablet	Top	0.00	0.23	0.11	1a
Body	LTE	2	1860	18700	QPSK 1RB offset 0	20MHz	Tablet	Back	0.01	0.14	0.08	2b
Body	LTE	2	1860	18700	QPSK 1RB offset 0	20MHz	Tablet	Right	N/A	0.05	0.05	3a
Body	LTE	2	1860	18700	QPSK 50RB offset 0	20MHz	Tablet	Top	-0.02	0.18	0.08	4a
Body	LTE	2	1860	18700	QPSK 50RB offset 0	20MHz	Tablet	Back	-0.03	0.10	0.06	5a
Body	LTE	2	1860	18700	QPSK 50RB offset 0	20MHz	Tablet	Right	N/A	0.04	0.04	6a
Body	LTE	2	1860	18700	QPSK 1RB offset 0	20MHz	Tent	Top	-0.24	0.14	0.06	7a
Body	LTE	2	1860	18700	QPSK 1RB offset 0	20MHz	Tent	Back	-0.10	1.16	0.51	8d
Body	LTE	2	1880	18900	QPSK 1RB offset 0	20MHz	Tent	Back	-0.04	1.18	0.52	8e
Body	LTE	2	1900	19100	QPSK 1RB offset 0	20MHz	Tent	Back	-0.03	1.15	0.50	8f
Body	LTE	2	1860	18700	QPSK 1RB offset 0	20MHz	Tent	Right	N/A	0.06	0.06	9a
Body	LTE	2	1860	18700	QPSK 50RB offset 0	20MHz	Tent	Top	-0.25	0.11	0.05	10a
Body	LTE	2	1860	18700	QPSK 50RB offset 0	20MHz	Tent	Back	-0.02	0.90	0.40	11a
Body	LTE	2	1880	18900	QPSK 50RB offset 0	20MHz	Tent	Back	-0.03	0.91	0.40	11b
Body	LTE	2	1900	19100	QPSK 50RB offset 0	20MHz	Tent	Back	-0.06	0.89	0.39	11c
Body	LTE	2	1860	18700	QPSK 50RB offset 0	20MHz	Tent	Right	N/A	0.05	0.05	12a

SAR TEST DATA

WSTD.2013.09.09

Tested By:	Carl Engholm	Room Temperature (°C):	21.5
Date:	5/8/2014	Liquid Temperature (°C):	21.3
Serial Number:	008	Humidity (%RH):	40
Configuration:	INTE5453-1	Bar. Pressure (mb):	1007
Comments:	None		

Test 1a
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D1900 (1900.0 MHz); Frequency: 1860 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1860 MHz; σ = 1.528 S/m; ε_r = 53.232; ρ = 1000 kg/m^3 , Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm
Maximum value of SAR (interpolated) = 0.222 W/kg

Body/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.856 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.498 W/kg
SAR(1 g) = 0.234 W/kg; SAR(10 g) = 0.107 W/kg
Maximum value of SAR (measured) = 0.311 W/kg

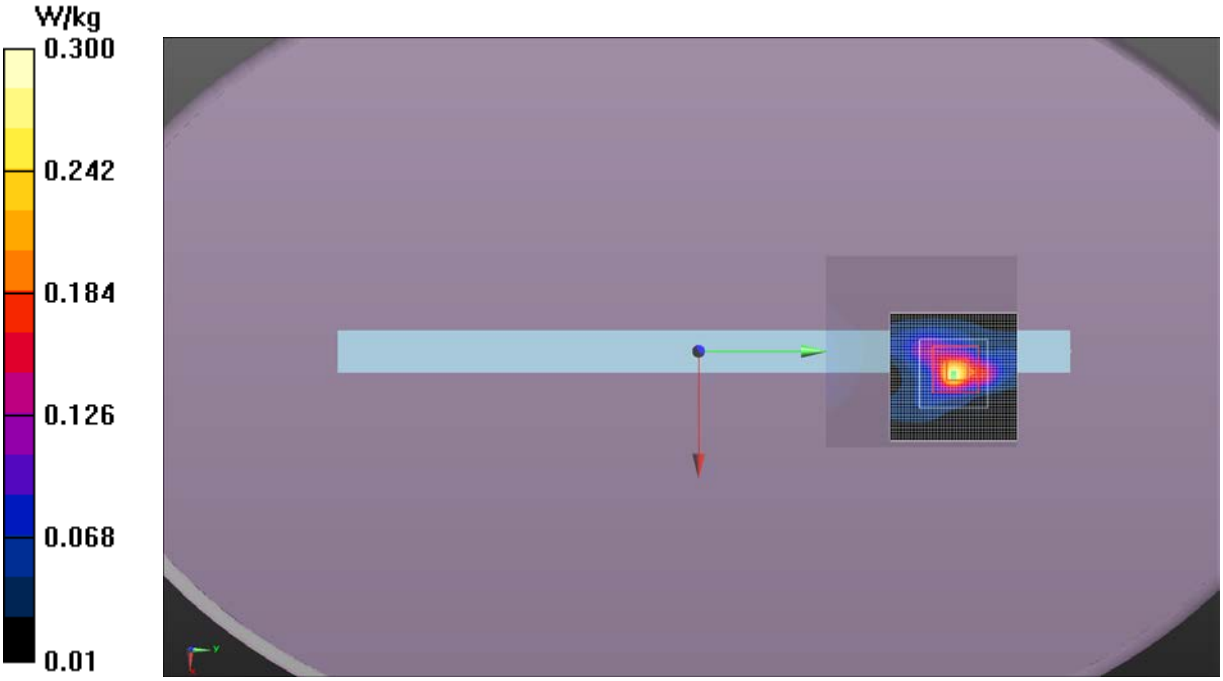
Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.304 W/kg

Body/Body/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of Total (measured) = 9.951 V/m
Maximum value of SAR (measured) = 0.151 W/kg

Approved By

SAR TEST DATA

Test 1a



SAR TEST DATA

Tested By:	Ethan Schoonover	Room Temperature (°C):	22.4
Date:	5/9/2014	Liquid Temperature (°C):	21.7
Serial Number:	008	Humidity (%RH):	41.5
Configuration:	INTE5453-1	Bar. Pressure (mb):	1009
Comments:	None		

Test 2b
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D1900 (1900.0 MHz); Frequency: 1860 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1860 MHz; σ = 1.515 S/m; ε_r = 53.496; ρ = 1000 kg/m^3 , Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm
Maximum value of SAR (interpolated) = 0.122 W/kg

Body/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.717 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.211 W/kg
SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.079 W/kg
Maximum value of SAR (measured) = 0.161 W/kg

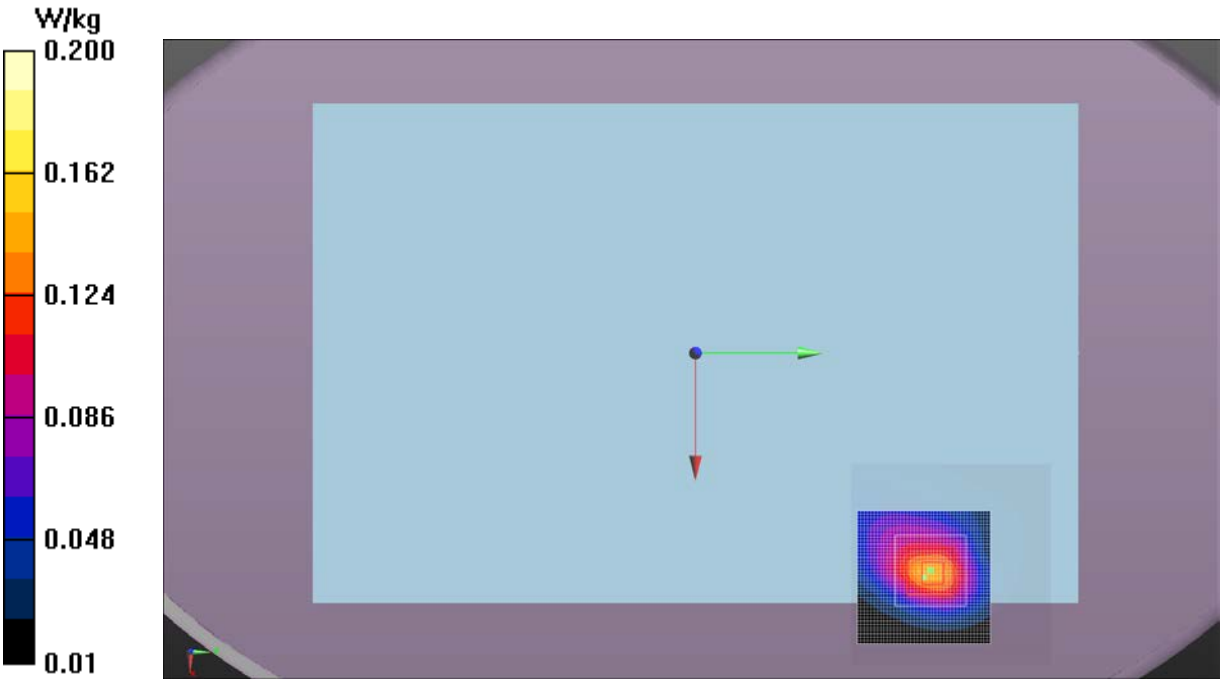
Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.161 W/kg

Body/Body/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of Total (measured) = 8.258 V/m
Maximum value of SAR (measured) = 0.103 W/kg

Approved By

SAR TEST DATA

Test 2b



SAR TEST DATA

WSTD.2013.09.09

Tested By:	Ethan Schoonover	Room Temperature (°C):	23.4
Date:	5/9/2014	Liquid Temperature (°C):	21.6
Serial Number:	008	Humidity (%RH):	35.9
Configuration:	INTE5453-1	Bar. Pressure (mb):	1009
Comments:	None		

Test 3a
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D1900 (1900.0 MHz); Frequency: 1860 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1860 MHz; σ = 1.515 S/m; ε_r = 53.496; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

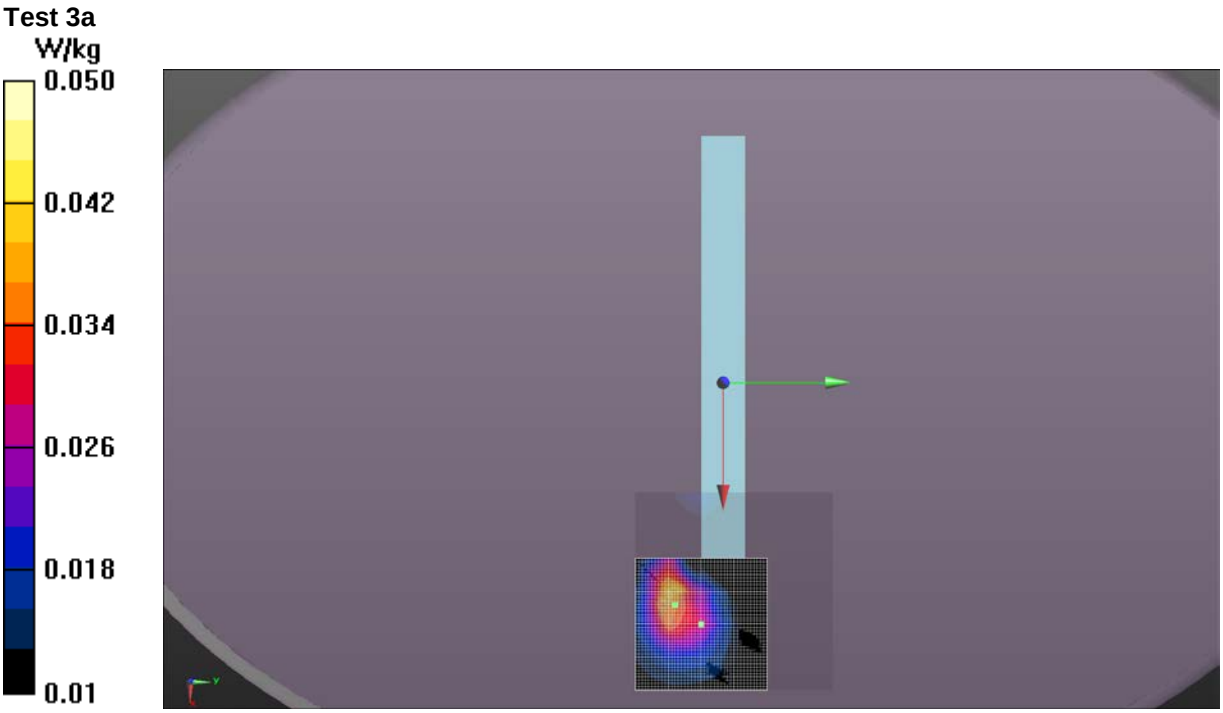
Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm
Maximum value of SAR (interpolated) = 0.0274 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0505 W/kg

Body/Body/Area scan (5x5x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0412 W/kg

Approved By

SAR TEST DATA



SAR TEST DATA

WSTD.2013.09.09

Tested By:	Carl Engholm	Room Temperature (°C):	21.5
Date:	5/8/2014	Liquid Temperature (°C):	21.3
Serial Number:	008	Humidity (%RH):	40
Configuration:	INTE5453-1	Bar. Pressure (mb):	1007
Comments:	None		

Test 4a
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D1900 (1900.0 MHz); Frequency: 1860 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1860 MHz; σ = 1.528 S/m; ε_r = 53.232; ρ = 1000 kg/m^3 , Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm
Maximum value of SAR (interpolated) = 0.166 W/kg

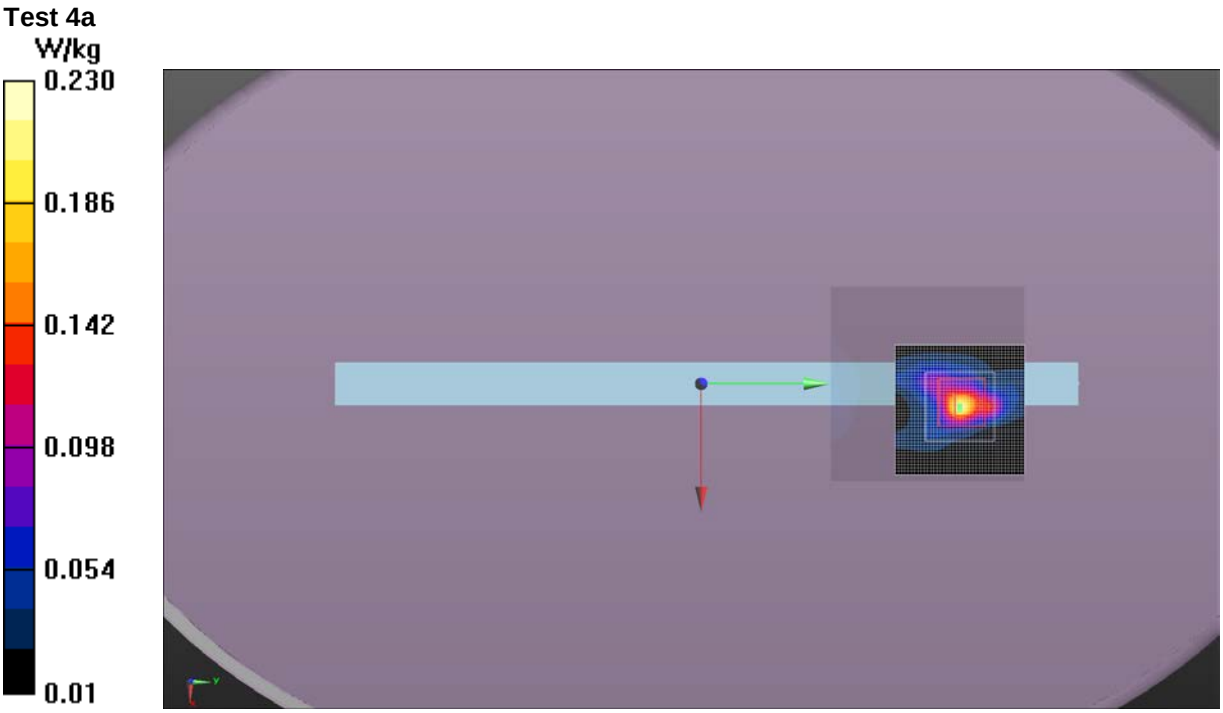
Body/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.871 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.382 W/kg
SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.079 W/kg
Maximum value of SAR (measured) = 0.233 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.227 W/kg

Body/Body/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of Total (measured) = 8.604 V/m
Maximum value of SAR (measured) = 0.113 W/kg

Approved By

SAR TEST DATA



SAR TEST DATA

WSTD.2013.09.09

Tested By:	Ethan Schoonover	Room Temperature (°C):	22.4
Date:	5/9/2014	Liquid Temperature (°C):	21.7
Serial Number:	008	Humidity (%RH):	41.5
Configuration:	INTE5453-1	Bar. Pressure (mb):	1009
Comments:	None		

Test 5a
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D1900 (1900.0 MHz); Frequency: 1860 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1860 MHz; σ = 1.515 S/m; ε_r = 53.496; ρ = 1000 kg/m^3 , Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm
Maximum value of SAR (interpolated) = 0.0881 W/kg

Body/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.493 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.163 W/kg
SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.060 W/kg
Maximum value of SAR (measured) = 0.124 W/kg

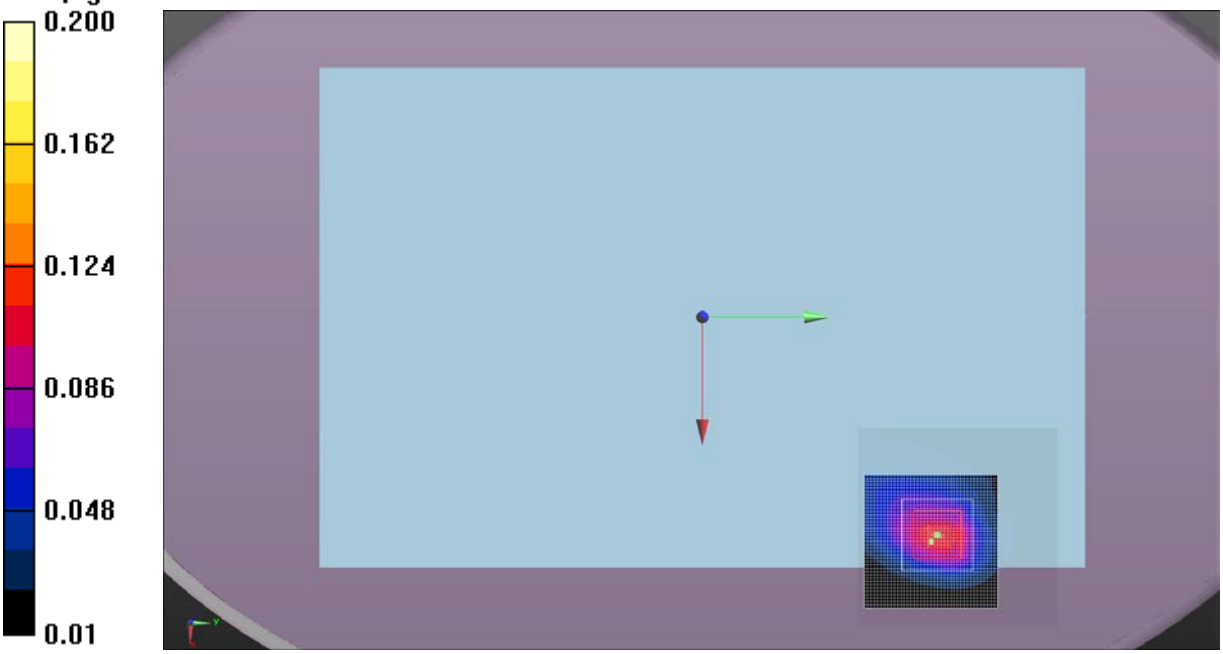
Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.126 W/kg

Body/Body/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of Total (measured) = 7.284 V/m
Maximum value of SAR (measured) = 0.0804 W/kg

Approved By

SAR TEST DATA

Test 5a



SAR TEST DATA

WSTD.2013.09.09

Tested By:	Ethan Schoonover	Room Temperature (°C):	23.4
Date:	5/9/2014	Liquid Temperature (°C):	21.6
Serial Number:	026	Humidity (%RH):	35.9
Configuration:	INTE5453-1	Bar. Pressure (mb):	1009
Comments:	None		

Test 6a
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 026
Communication System: UID 0, CW (0); Communication System Band: D1900 (1900.0 MHz); Frequency: 1860 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1860 MHz; σ = 1.515 S/m; ε_r = 53.496; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm
Maximum value of SAR (interpolated) = 0.0210 W/kg

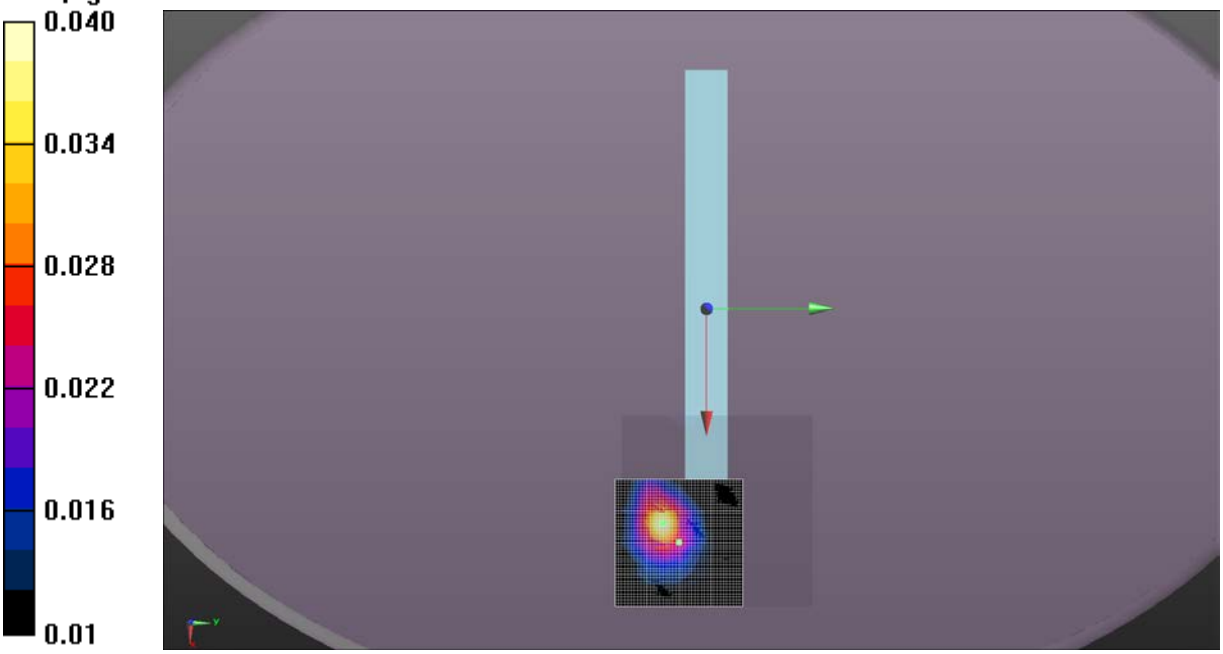
Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0390 W/kg

Body/Body/Area scan (5x5x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0267 W/kg

Approved By

SAR TEST DATA

Test 6a



SAR TEST DATA

WSTD.2013.09.09

Tested By:	Carl Engholm	Room Temperature (°C):	22.3
Date:	5/8/2014	Liquid Temperature (°C):	21.1
Serial Number:	008	Humidity (%RH):	39
Configuration:	INTE5453-1	Bar. Pressure (mb):	1007
Comments:	None		

Test 7a
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D1900 (1900.0 MHz); Frequency: 1860 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1860 MHz; σ = 1.528 S/m; ε_r = 53.232; ρ = 1000 kg/m^3 , Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm
Maximum value of SAR (interpolated) = 0.0752 W/kg

Body/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.817 V/m; Power Drift = -0.24 dB
Peak SAR (extrapolated) = 0.309 W/kg
SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.063 W/kg
Maximum value of SAR (measured) = 0.199 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.164 W/kg

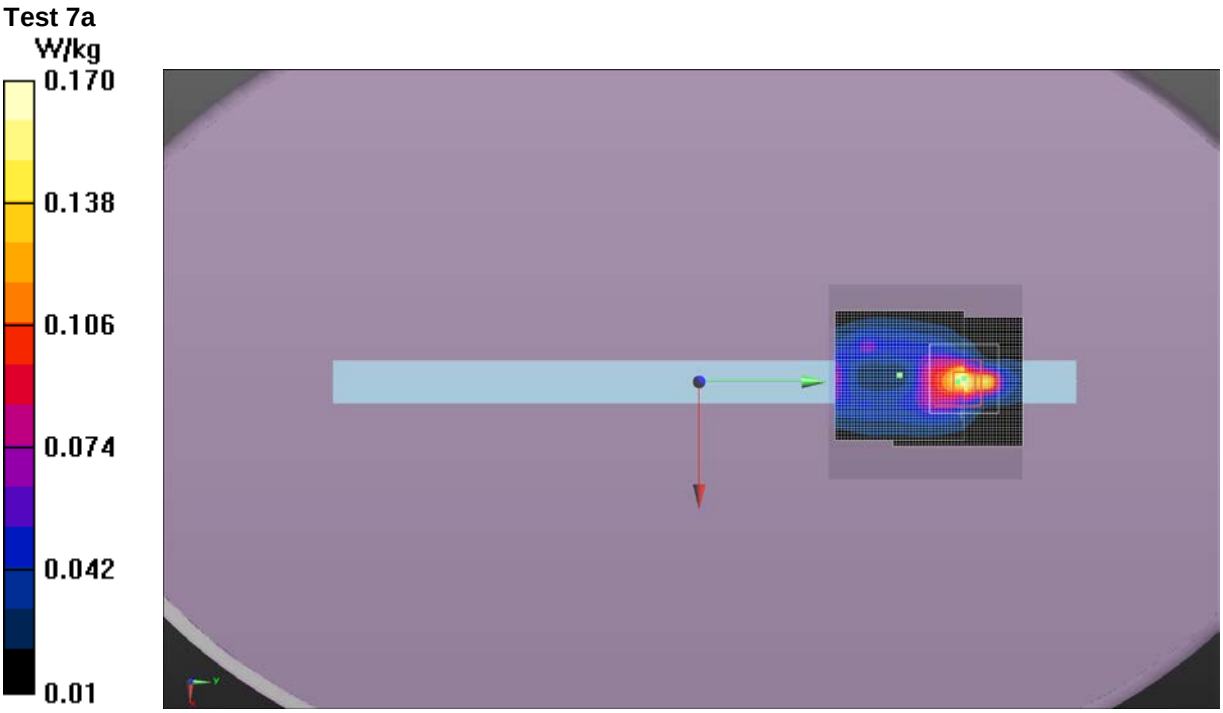
Body/Body/Area scan 2 (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.206 W/kg

Body/Body/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of Total (measured) = 7.914 V/m

Body/Body/Area scan 2 (5x5x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.206 W/kg

Approved By

SAR TEST DATA



SAR TEST DATA

WSTD.2013.09.09

Tested By:	Ethan Schoonover	Room Temperature (°C):	23.1
Date:	5/9/2014	Liquid Temperature (°C):	21.5
Serial Number:	008	Humidity (%RH):	37.4
Configuration:	INTE5453-1	Bar. Pressure (mb):	1009
Comments:	None		

Test 8d
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D1900 (1900.0 MHz); Frequency: 1860 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1860 MHz; σ = 1.515 S/m; ε_r = 53.496; ρ = 1000 kg/m^3 , Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm
Maximum value of SAR (interpolated) = 0.633 W/kg

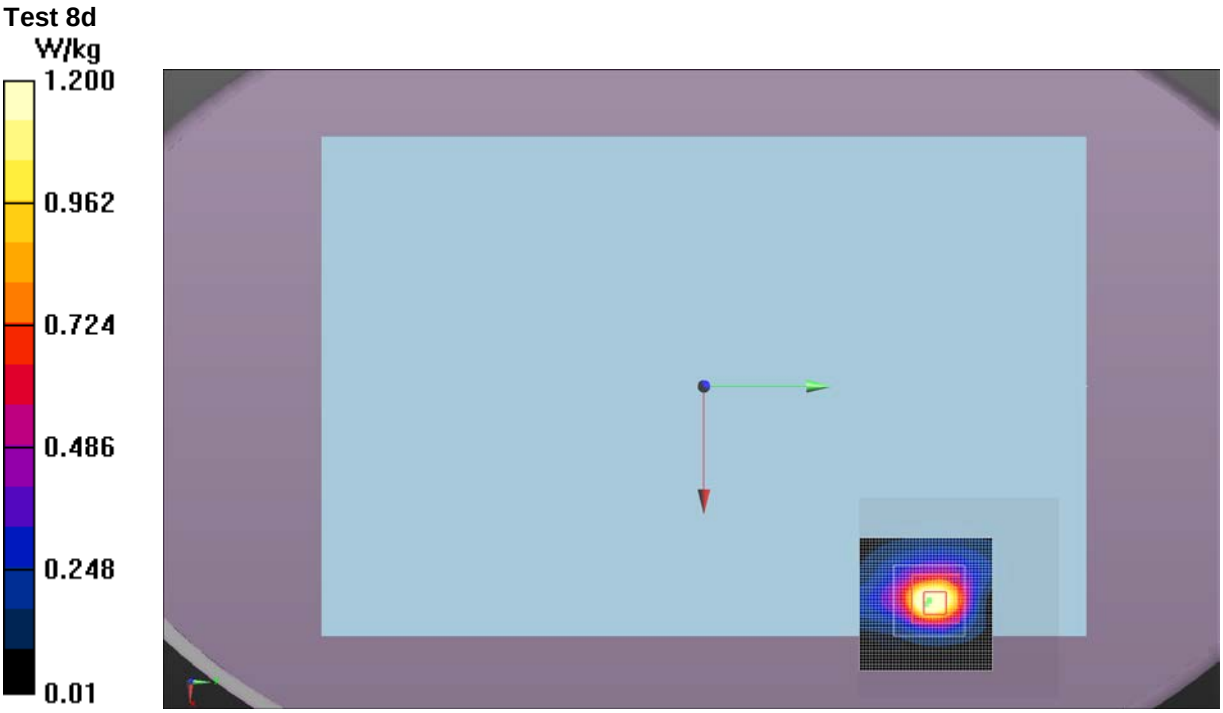
Body/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.158 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 2.61 W/kg
SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.514 W/kg
Maximum value of SAR (measured) = 1.55 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.54 W/kg

Body/Body/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of Total (measured) = 21.48 V/m
Maximum value of SAR (measured) = 0.699 W/kg

Approved By

SAR TEST DATA



SAR TEST DATA

Tested By:	Ethan Schoonover	Room Temperature (°C):	23.1
Date:	5/9/2014	Liquid Temperature (°C):	21.5
Serial Number:	008	Humidity (%RH):	37.4
Configuration:	INTE5453-1	Bar. Pressure (mb):	1009
Comments:	None		

Test 8e
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D1900 (1900.0 MHz); Frequency: 1880 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1880 MHz; σ = 1.545 S/m; ε_r = 53.443; ρ = 1000 kg/m^3 , Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm
Maximum value of SAR (interpolated) = 0.653 W/kg

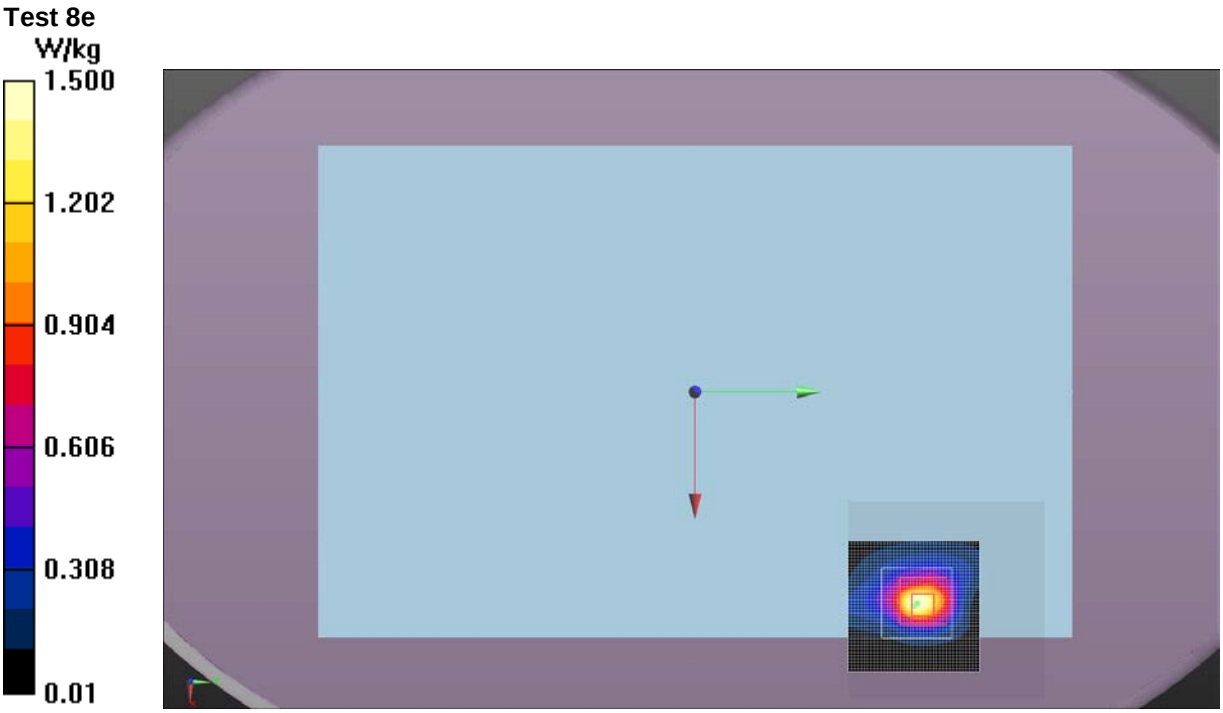
Body/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.233 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 2.66 W/kg
SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.520 W/kg
Maximum value of SAR (measured) = 1.57 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.58 W/kg

Body/Body/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of Total (measured) = 21.57 V/m
Maximum value of SAR (measured) = 0.719 W/kg

Approved By

SAR TEST DATA



SAR TEST DATA

Tested By:	Ethan Schoonover	Room Temperature (°C):	23.1
Date:	5/9/2014	Liquid Temperature (°C):	21.5
Serial Number:	008	Humidity (%RH):	37.4
Configuration:	INTE5453-1	Bar. Pressure (mb):	1009
Comments:	None		

Test 8f
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D1900 (1900.0 MHz); Frequency: 1900 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1900 MHz; σ = 1.571 S/m; ε_r = 53.431; ρ = 1000 kg/m^3 , Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm
Maximum value of SAR (interpolated) = 0.633 W/kg

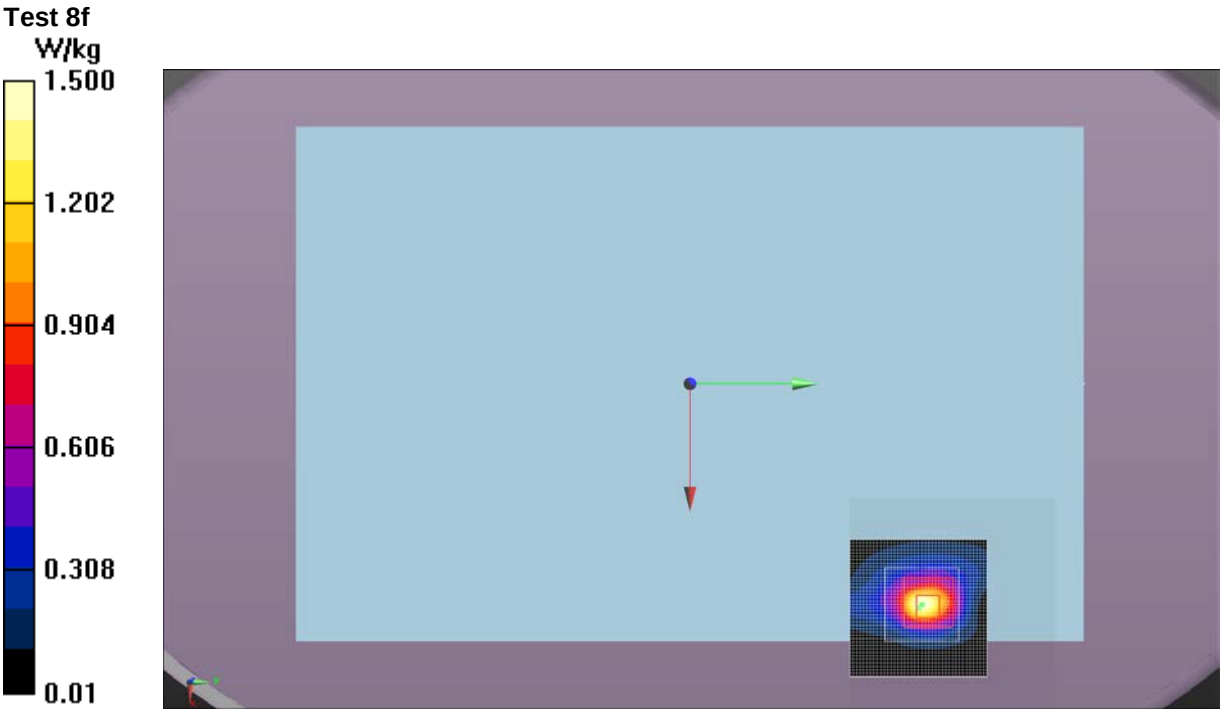
Body/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.738 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 2.65 W/kg
SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.505 W/kg
Maximum value of SAR (measured) = 1.55 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.54 W/kg

Body/Body/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of Total (measured) = 21.16 V/m
Maximum value of SAR (measured) = 0.703 W/kg

Approved By

SAR TEST DATA



SAR TEST DATA

WSTD.2013.09.09

Tested By:	Ethan Schoonover	Room Temperature (°C):	23.4
Date:	5/9/2014	Liquid Temperature (°C):	21.6
Serial Number:	026	Humidity (%RH):	35.9
Configuration:	INTE5453-1	Bar. Pressure (mb):	1009
Comments:	None		

Test 9a
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 026
Communication System: UID 0, CW (0); Communication System Band: D1900 (1900.0 MHz); Frequency: 1860 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1860 MHz; σ = 1.515 S/m; ε_r = 53.496; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

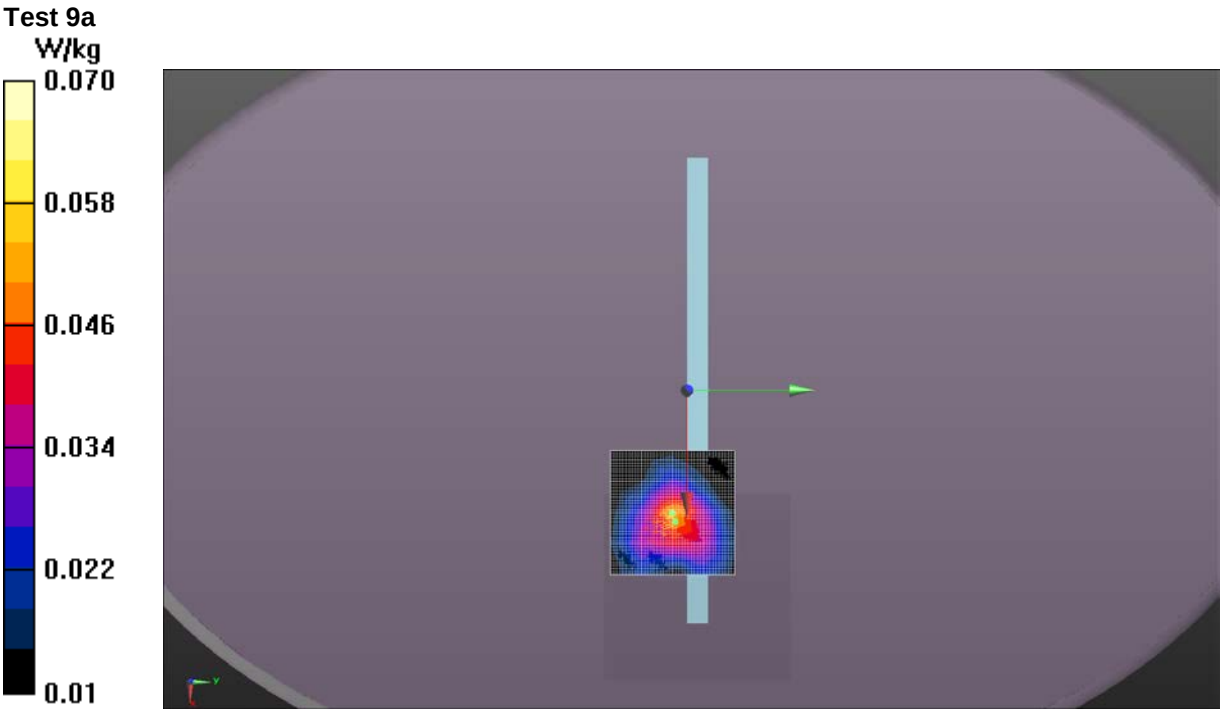
Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm
Maximum value of SAR (interpolated) = 0.0391 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0563 W/kg

Body/Body/Area scan (5x5x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0533 W/kg

Approved By

SAR TEST DATA



SAR TEST DATA

WSTD.2013.09.09

Tested By:	Carl Engholm	Room Temperature (°C):	22.3
Date:	5/8/2014	Liquid Temperature (°C):	21.1
Serial Number:	008	Humidity (%RH):	39
Configuration:	INTE5453-1	Bar. Pressure (mb):	1007
Comments:	None		

Test 10a
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D1900 (1900.0 MHz); Frequency: 1860 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1860 MHz; σ = 1.528 S/m; ε_r = 53.232; ρ = 1000 kg/m^3 , Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm
Maximum value of SAR (interpolated) = 0.0586 W/kg

Body/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.442 V/m; Power Drift = -0.25 dB
Peak SAR (extrapolated) = 0.238 W/kg
SAR(1 g) = 0.110 W/kg; SAR(10 g) = 0.049 W/kg
Maximum value of SAR (measured) = 0.153 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.129 W/kg

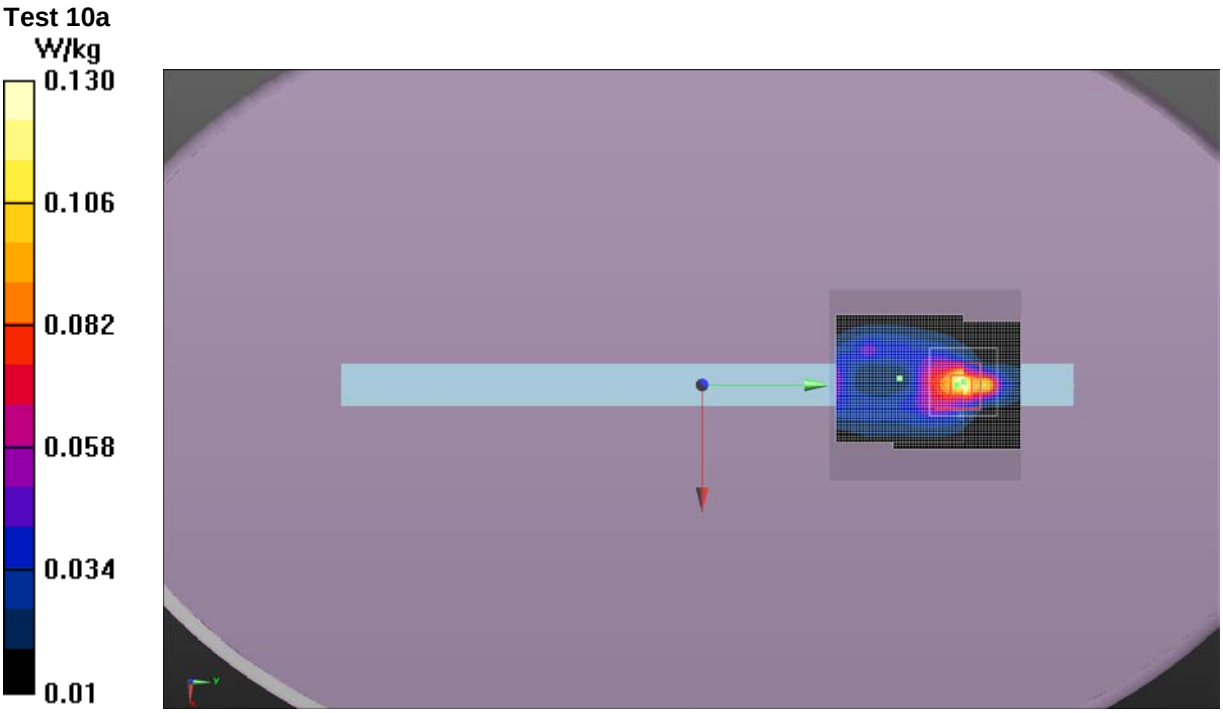
Body/Body/Area scan 2 (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.159 W/kg

Body/Body/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of Total (measured) = 7.006 V/m

Body/Body/Area scan 2 (5x5x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.159 W/kg

Approved By

SAR TEST DATA



SAR TEST DATA

Tested By:	Ethan Schoonover	Room Temperature (°C):	22.9
Date:	5/9/2014	Liquid Temperature (°C):	21.4
Serial Number:	008	Humidity (%RH):	42.7
Configuration:	INTE5453-1	Bar. Pressure (mb):	1009
Comments:	None		

Test 11a
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D1900 (1900.0 MHz); Frequency: 1860 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1860 MHz; σ = 1.515 S/m; ε_r = 53.496; ρ = 1000 kg/m^3 , Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm
Maximum value of SAR (interpolated) = 0.488 W/kg

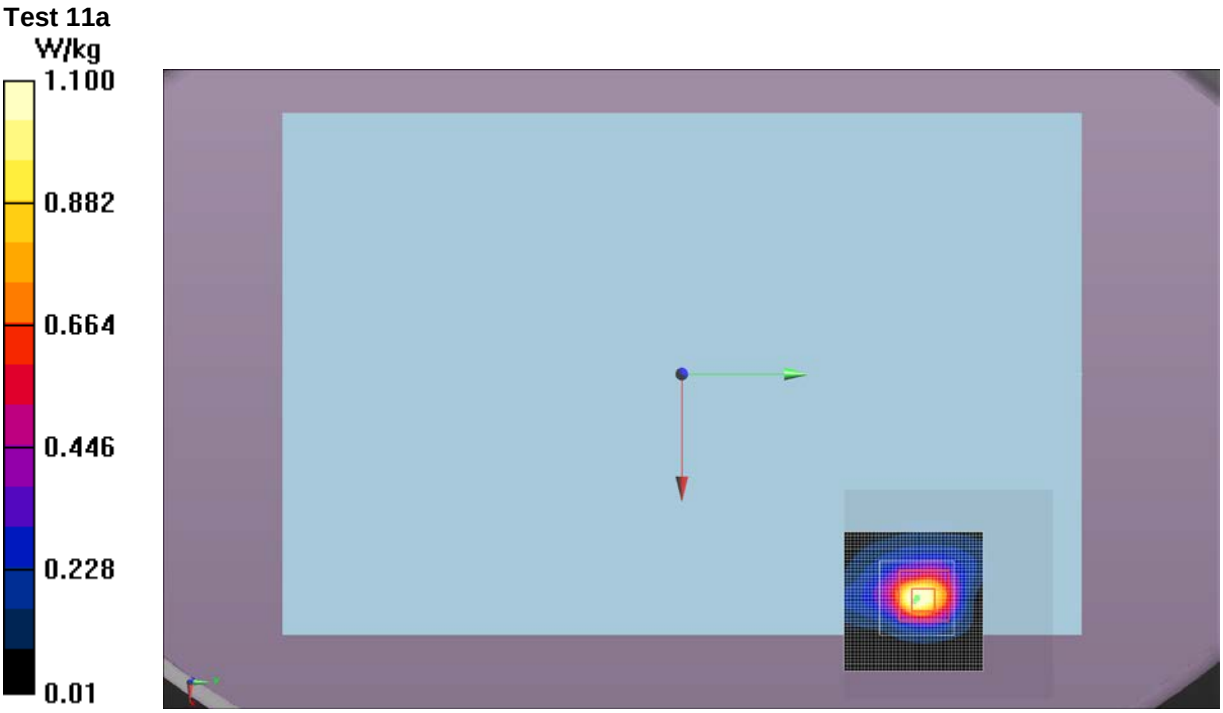
Body/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.330 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 2.02 W/kg
SAR(1 g) = 0.896 W/kg; SAR(10 g) = 0.398 W/kg
Maximum value of SAR (measured) = 1.19 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.21 W/kg

Body/Body/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of Total (measured) = 19.07 V/m
Maximum value of SAR (measured) = 0.551 W/kg

Approved By

SAR TEST DATA



SAR TEST DATA

WSTD.2013.09.09

Tested By:	Ethan Schoonover	Room Temperature (°C):	22.9
Date:	5/9/2014	Liquid Temperature (°C):	21.4
Serial Number:	008	Humidity (%RH):	42.7
Configuration:	INTE5453-1	Bar. Pressure (mb):	1009
Comments:	None		

Test 11b
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D1900 (1900.0 MHz); Frequency: 1880 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1880 MHz; σ = 1.545 S/m; ε_r = 53.443; ρ = 1000 kg/m^3 , Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm
Maximum value of SAR (interpolated) = 0.489 W/kg

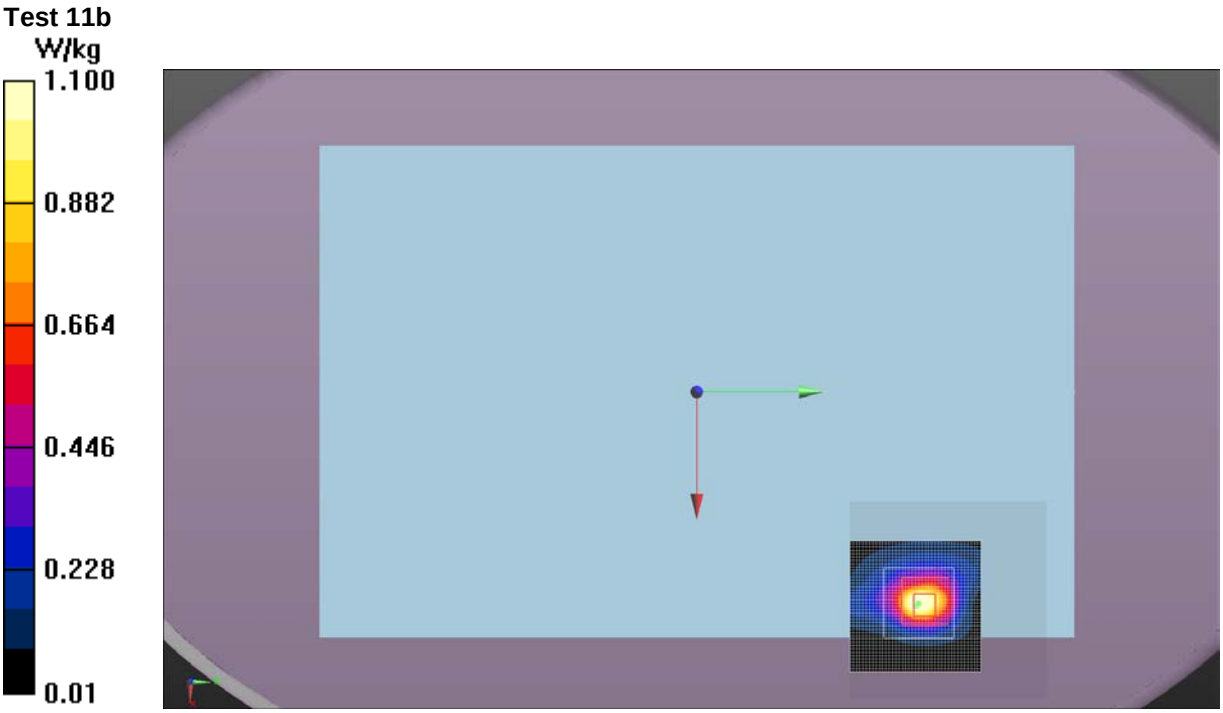
Body/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.361 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 2.08 W/kg
SAR(1 g) = 0.911 W/kg; SAR(10 g) = 0.401 W/kg
Maximum value of SAR (measured) = 1.22 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.23 W/kg

Body/Body/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of Total (measured) = 19.00 V/m
Maximum value of SAR (measured) = 0.558 W/kg

Approved By

SAR TEST DATA



SAR TEST DATA

Tested By:	Ethan Schoonover	Room Temperature (°C):	22.9
Date:	5/9/2014	Liquid Temperature (°C):	21.4
Serial Number:	008	Humidity (%RH):	42.7
Configuration:	INTE5453-1	Bar. Pressure (mb):	1009
Comments:	None		

Test 11c
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 008
Communication System: UID 0, CW (0); Communication System Band: D1900 (1900.0 MHz); Frequency: 1900 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1900 MHz; σ = 1.571 S/m; ε_r = 53.431; ρ = 1000 kg/m^3 , Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm
Maximum value of SAR (interpolated) = 0.498 W/kg

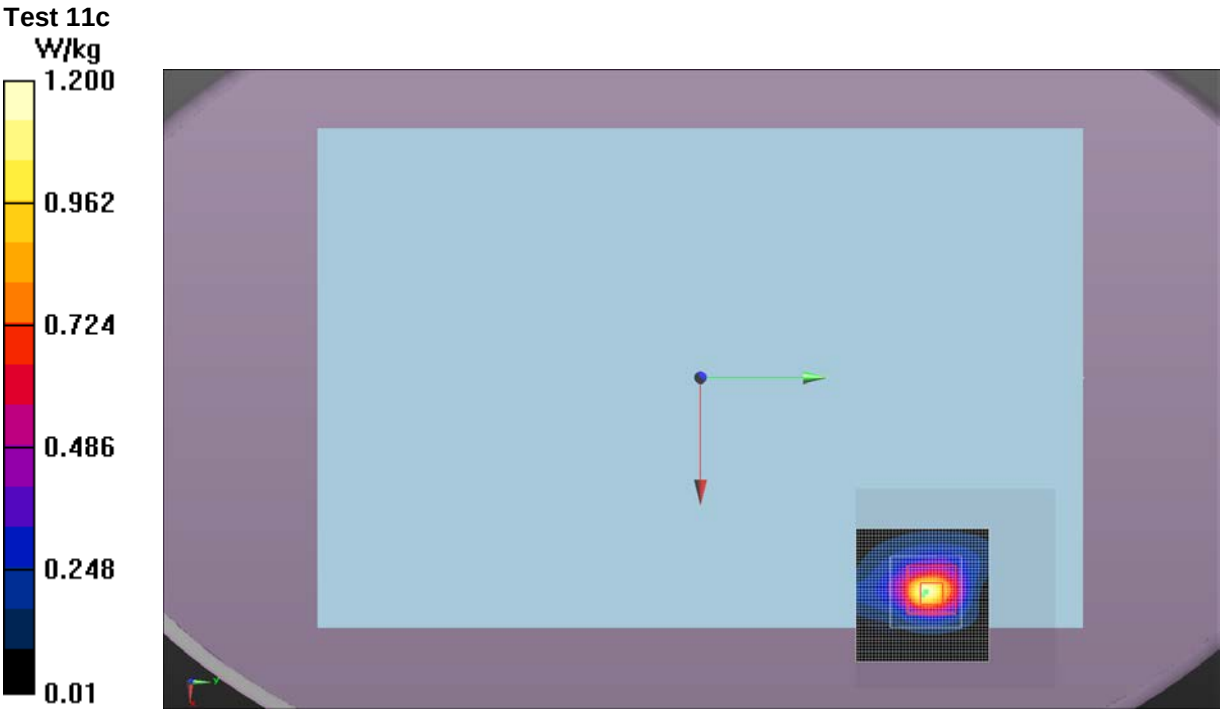
Body/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.878 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 2.05 W/kg
SAR(1 g) = 0.890 W/kg; SAR(10 g) = 0.388 W/kg
Maximum value of SAR (measured) = 1.20 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.19 W/kg

Body/Body/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of Total (measured) = 18.55 V/m
Maximum value of SAR (measured) = 0.541 W/kg

Approved By

SAR TEST DATA



SAR TEST DATA

WSTD.2013.09.09

Tested By:	Ethan Schoonover	Room Temperature (°C):	23.4
Date:	5/9/2014	Liquid Temperature (°C):	21.6
Serial Number:	026	Humidity (%RH):	35.9
Configuration:	INTE5453-1	Bar. Pressure (mb):	1009
Comments:	None		

Test 12a
DUT: Tablet Computer; Type: WSBUB-SDS; Serial: 026
Communication System: UID 0, CW (0); Communication System Band: D1900 (1900.0 MHz); Frequency: 1860 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1860 MHz; σ = 1.515 S/m; ε_r = 53.496; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

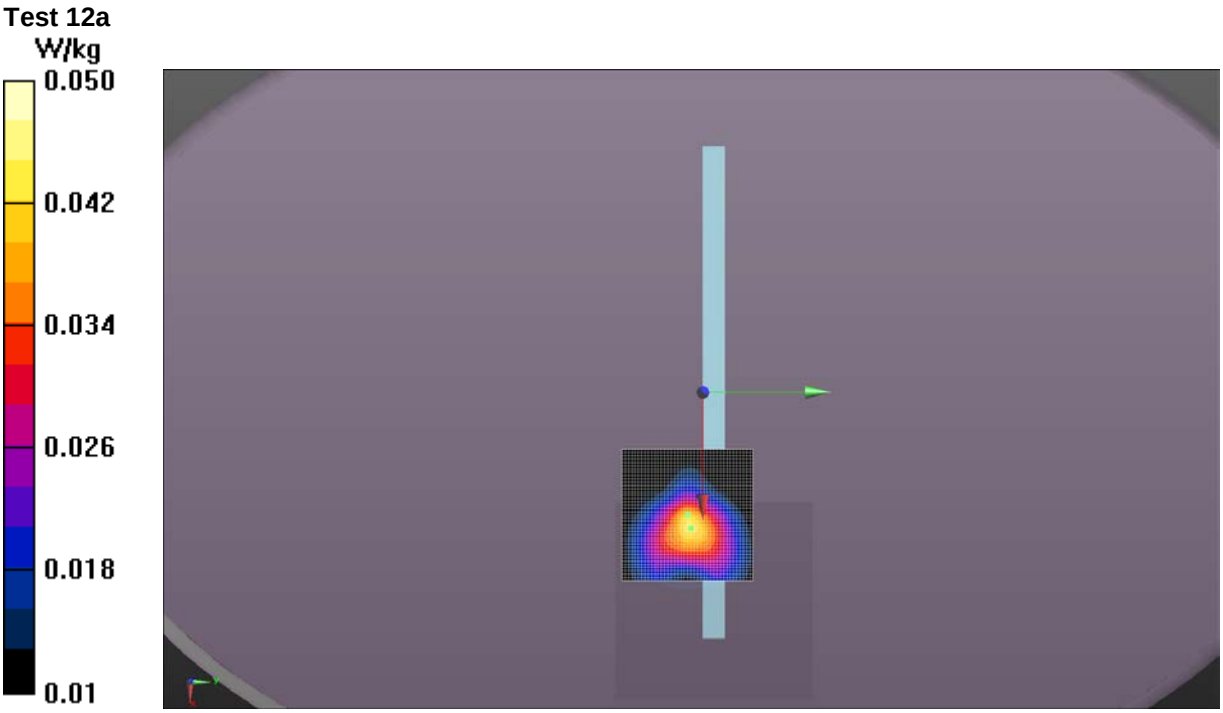
Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm
Maximum value of SAR (interpolated) = 0.0328 W/kg

Body/Body/Area scan (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0460 W/kg

Body/Body/Area scan (5x5x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0410 W/kg

Approved By

SAR TEST DATA



Test 8e – Z Scan