SAR TEST DATA – 2.4 GHz

NORTHWEST EMC
WSTD.2013.09.09

EUT:	SKL21-SDS	Work Order:	INTE5597
Customer:	Intel Corporation	Job Site:	EV08
Attendees:	None	Customer Project:	None

TEST SPECIFICATIONS

Specification:	Method:
FCC 15.247:2015 FCC 2.1093:2015	FCC KDB 248227 D01 V02r01 FCC KDB 447498 D01 v05r02 FCC KDB 616217 D04 v01r01 FCC KDB 865664 D01 v01r03 FCC KDB 865664 D02 v01r01 IEEE Std 1528:2013

COMMENTS

None

DEVIATIONS FROM TEST STANDARD

None

RESULTS

Frequency Band	Transmit Frequency (MHz)	Transmit Channel	Data Rate (Mbps)	Channel Bandwidth (MHz)	Antenna Port	Mode	EUT Position	Power Drift During Test (dB)	Measured 1g SAR Level (mW/g)	Measured 10g SAR Level (mW/g)	Rated Power	Scaling Factor	Reported 1g SAR Level (mW/g)	Reported 10g SAR Level (mW/g)	Test Number
2.4	2462	11	1 Mbit	20	A	Tablet	Left Side	-0.12	0.76	0.29	12.00	0.69	0.53	0.20	1
2.4	2462	11	1 Mbit	20	A	Tablet	Back	0.04	1.10	0.39	12.00	0.69	0.76	0.27	2b
2.4	2412	1	1 Mbit	20	A	Tablet	Back	0.08	0.90	0.33	12.00	0.91	0.82	0.30	2d
2.4	2437	6	1 Mbit	20	A	Tablet	Back	0.06	1.15	0.41	12.00	0.72	0.83	0.30	2e
2.4	2437	6	1 Mbit	20	A	Tablet	Back	0.04	1.04	.385	12.00	0.72	0.75	0.28	2i
2.4	2462	11	1 Mbit	20	A	Thick Tablet	Left Side	-0.31	0.62	0.22	12.00	0.69	0.43	0.15	3
2.4	2462	11	1 Mbit	20	A	Thick Tablet	Back	-0.03	0.12	0.07	12.00	0.69	0.08	0.05	4
2.4	2437	6	1 Mbit	20	B	Tablet	Right Side	-0.04	0.63	0.27	13.5	0.60	0.38	0.16	5
2.4	2437	6	1 Mbit	20	B	Tablet	Back	-0.04	0.45	0.19	13.5	0.60	0.27	0.11	6
2.4	2437	6	1 Mbit	20	B	Thick Tablet	Right Side	0.11	0.23	0.10	13.5	0.60	0.14	0.06	7
2.4	2437	6	1 Mbit	20	B	Thick Tablet	Back	0.04	0.11	0.07	13.5	0.60	0.07	0.04	8
2.4	2442	7F	MCS0	40	A	Tablet	Left Side	-0.14	0.53	0.21	12.00	0.81	0.43	0.17	9
2.4	2442	7F	MCS0	40	A	Tablet	Back	0.10	1.08	0.38	12.00	0.81	0.88	0.31	10
2.4	2422	3F	MCS0	40	A	Tablet	Back	0.10	0.72	0.26	12.00	0.81	0.59	0.21	10a
2.4	2442	7F	MCS0	40	A	Thick Tablet	Left Side	-0.08	0.58	0.21	12.00	0.81	0.47	0.17	11
2.4	2442	7F	MCS0	40	A	Thick Tablet	Back	N/A	0.10	0.10	12.00	0.81	0.08	0.08	12
2.4	2422	3F	MCS0	40	B	Tablet	Right Side	0.13	0.25	0.11	13.5	1.55	0.39	0.17	13
2.4	2422	3F	MCS0	40	B	Tablet	Back	0.14	0.21	0.10	13.5	1.55	0.33	0.15	14
2.4	2422	3F	MCS0	40	B	Thick Tablet	Right Side	-0.01	0.22	0.10	13.5	1.55	0.34	0.15	15
2.4	2422	3F	MCS0	40	B	Thick Tablet	Back	N/A	0.07	0.07	13.5	1.55	0.11	0.11	16

SAR TEST DATA – 2.4 GHz

Tested By:	Carl Engholm	Room Temperature (°C):	22.1
Date:	7/6/2015	Liquid Temperature (°C):	21.3
Serial Number:	IASY515S0018	Humidity (%RH):	46
Configuration:	INTE5597-2	Bar. Pressure (mb):	1013
Comments:	Final Power setting: 13.0 dBm		

Test 1
DUT: SKL21-SDS; Type: Table/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D2450 (2450.0 MHz); Frequency: 2462 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 2462 MHz; σ = 2.038 S/m; ε_r = 51.03; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.30 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 2.03 W/kg
SAR(1 g) = 0.758 W/kg; SAR(10 g) = 0.288 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.10 W/kg

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.06 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) = 14.97 V/m

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) = 0.223 W/kg
Maximum value of SAR (measured) = 0.457 W/kg

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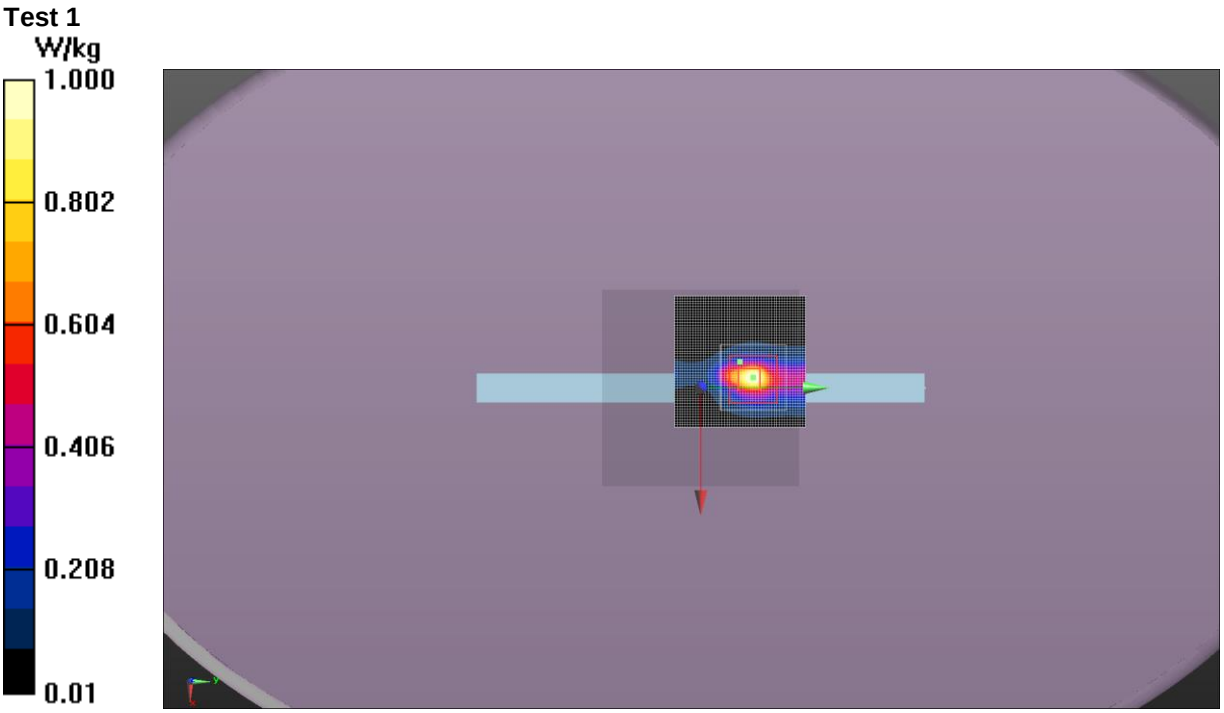
SAR TEST DATA – 2.4 GHz



SAR TEST DATA – 2.4 GHz

Tested By:	Carl Engholm	Room Temperature (°C):	23.4
Date:	7/1/2015	Liquid Temperature (°C):	21.9
Serial Number:	IASY515S0018	Humidity (%RH):	43
Configuration:	INTE5597-2	Bar. Pressure (mb):	1011
Comments:	Final Power setting: 13.0 dBm		

Test 2b
DUT: SKL21-SDS; Type: Table/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D2450 (2450.0 MHz); Frequency: 2462 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 2462 MHz; σ = 1.964 S/m; ε_r = 50.839; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 29.18 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 3.11 W/kg
SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.391 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.65 W/kg

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 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) = 19.71 V/m

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) = 0.292 W/kg
Maximum value of SAR (measured) = 0.763 W/kg

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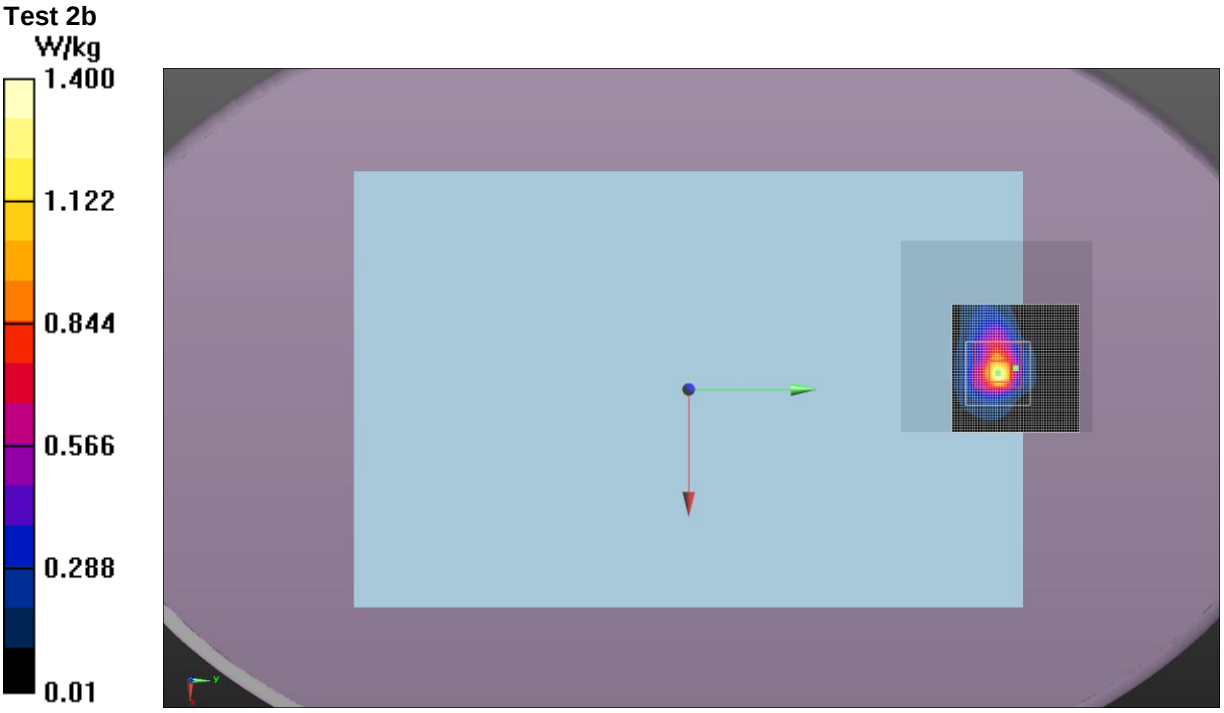
SAR TEST DATA – 2.4 GHz



SAR TEST DATA – 2.4 GHz

Tested By:	Carl Engholm	Room Temperature (°C):	23.8
Date:	7/1/2015	Liquid Temperature (°C):	22.1
Serial Number:	IASY515S0018	Humidity (%RH):	40
Configuration:	INTE5597-2	Bar. Pressure (mb):	1011
Comments:	Final Power setting: 13.5 dBm		

Test 2d
DUT: SKL21-SDS; Type: Table/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D2450 (2450.0 MHz); Frequency: 2412 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 2412 MHz; σ = 1.887 S/m; ε_r = 51.062; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 26.62 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 2.50 W/kg
SAR(1 g) = 0.899 W/kg; SAR(10 g) = 0.326 W/kg

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

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.09 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) = 18.16 V/m

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) = 0.233 W/kg

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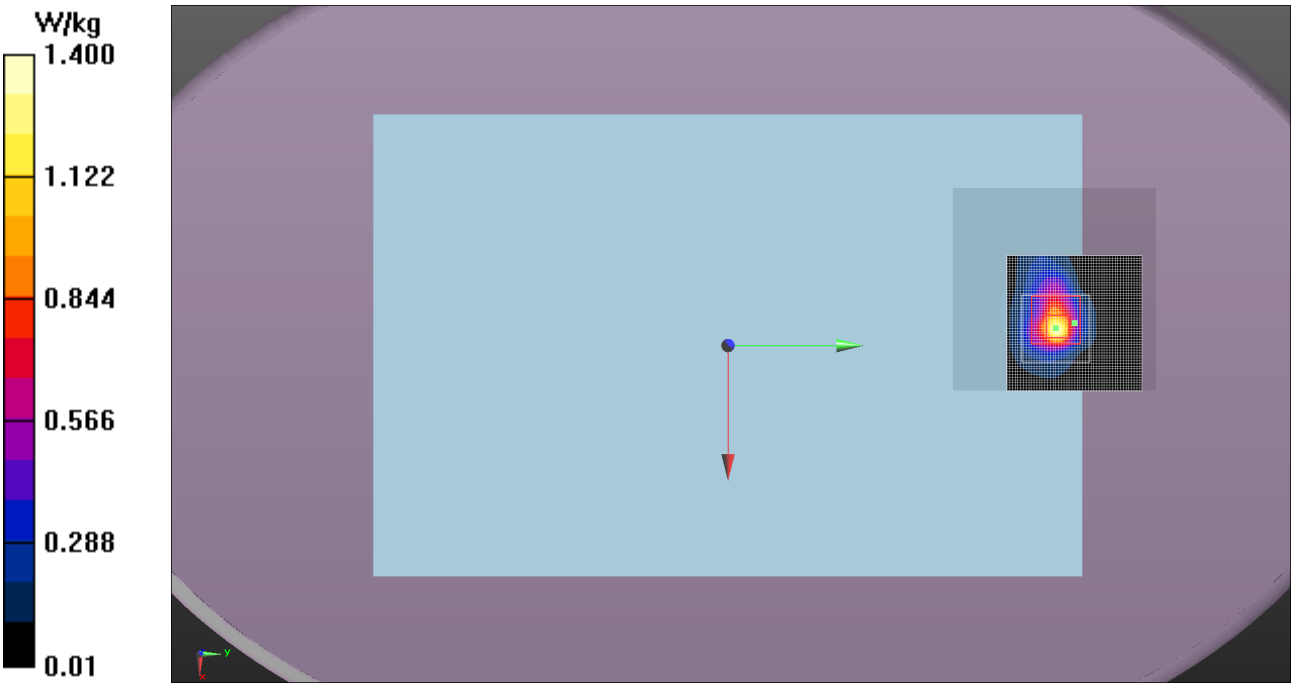
SAR TEST DATA – 2.4 GHz

Test 2d



SAR TEST DATA – 2.4 GHz

Tested By:	Carl Engholm	Room Temperature (°C):	23.8
Date:	7/1/2015	Liquid Temperature (°C):	22.1
Serial Number:	IASY515S0018	Humidity (%RH):	41
Configuration:	INTE5597-2	Bar. Pressure (mb):	1011
Comments:	Final Power setting: 13.5 dBm		

Test 2e
DUT: SKL21-SDS; Type: Table/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D2450 (2450.0 MHz); Frequency: 2437 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.927 S/m; ε_r = 50.939; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 30.38 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 3.21 W/kg
SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.411 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.78 W/kg

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.78 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) = 20.34 V/m

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) = 0.306 W/kg
Maximum value of SAR (measured) = 0.797 W/kg

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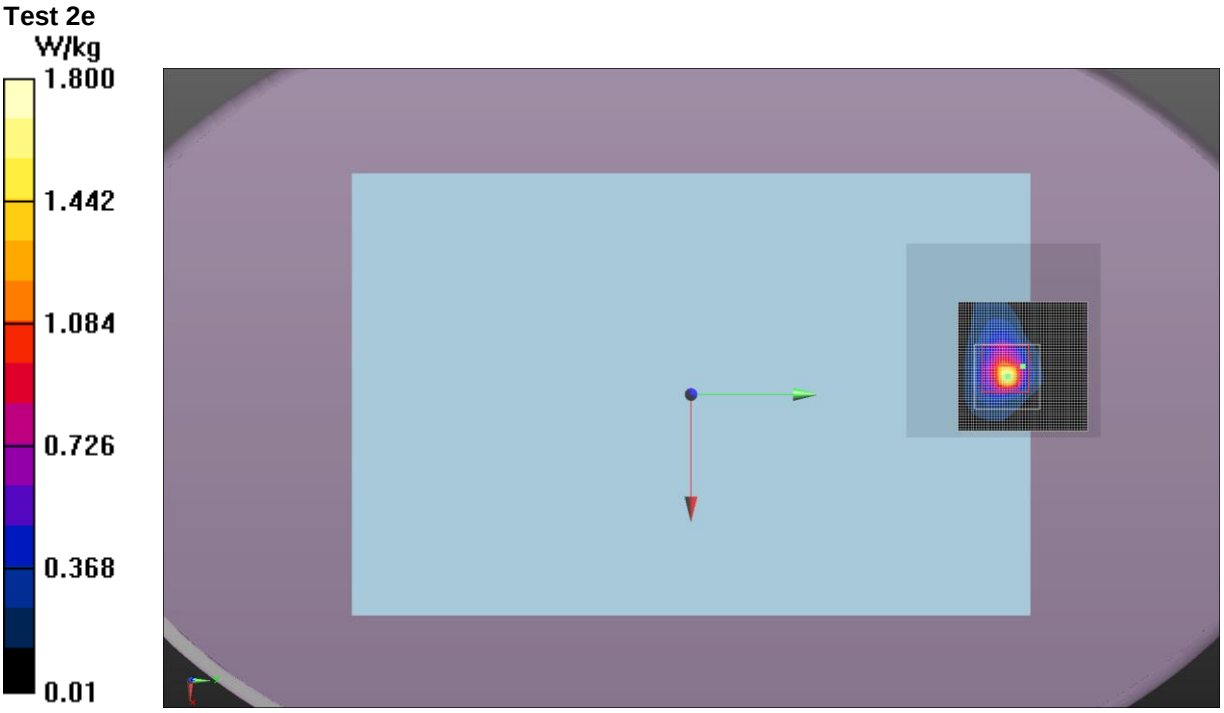
SAR TEST DATA – 2.4 GHz



SAR TEST DATA – 2.4 GHz

NORTHWEST EMC
WSTD.2013.09.09

Tested By:	Ethan Schoonover and Luke Richardson	Room Temperature (°C):	23.1°C
Date:	7/14/2015 12:02:27 PM	Liquid Temperature (°C):	22.2°C
Serial Number:	IASY515S0018	Humidity (%RH):	44.4%
Configuration:	INTE5597-2	Bar. Pressure (mb):	1017.2 mb
Comments:	Repeatability Test. Final power setting: 13.5 dBm.		

Test 2i
DUT: SKL21-SDS; Type: Table/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D2450 (2450.0 MHz); Frequency: 2437 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.983 S/m; ε_r = 51.001; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.19 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.88 W/kg
SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.385 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.56 W/kg

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.18 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) = 19.09 V/m

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) = 0.337 W/kg
Maximum value of SAR (measured) = 0.723 W/kg

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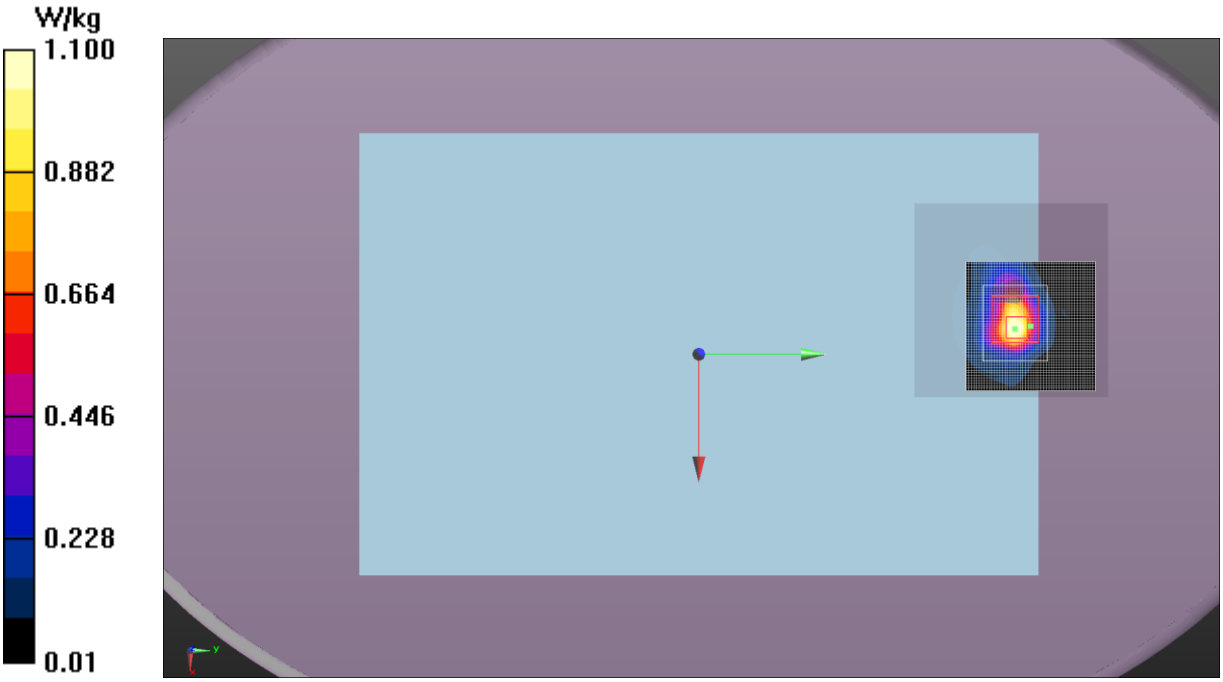
SAR TEST DATA – 2.4 GHz

Test 2i



SAR TEST DATA – 2.4 GHz

Tested By:	Carl Engholm	Room Temperature (°C):	23.5
Date:	7/6/2015	Liquid Temperature (°C):	21.2
Serial Number:	IASY515S0018	Humidity (%RH):	44
Configuration:	INTE5597-3	Bar. Pressure (mb):	1013
Comments:	Final Power setting: 13.0 dBm		

Test 3
DUT: SKL21-SDS; Type: Table/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D2450 (2450.0 MHz); Frequency: 2462 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 2462 MHz; σ = 2.038 S/m; ε_r = 51.03; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.58 V/m; Power Drift = -0.31 dB
Peak SAR (extrapolated) = 1.62 W/kg
SAR(1 g) = 0.615 W/kg; SAR(10 g) = 0.220 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.867 W/kg

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.817 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) = 13.38 V/m

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) = 0.133 W/kg
Maximum value of SAR (measured) = 0.365 W/kg

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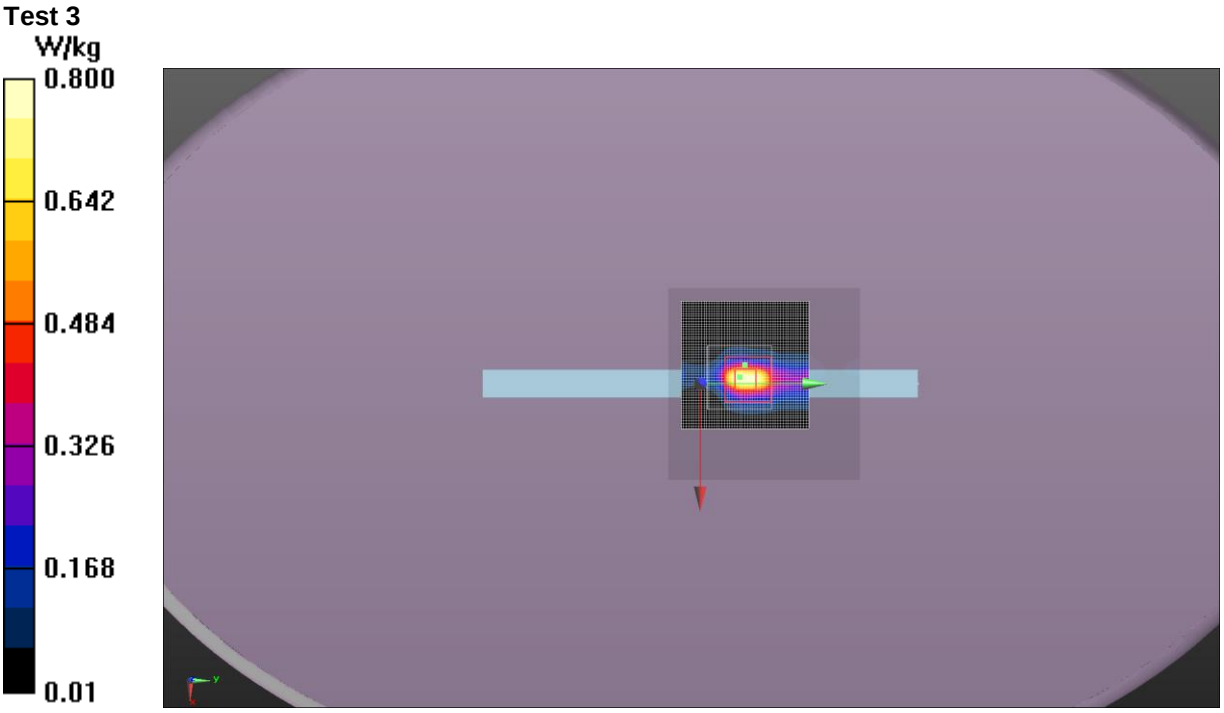
SAR TEST DATA – 2.4 GHz



SAR TEST DATA – 2.4 GHz

Tested By:	Carl Engholm	Room Temperature (°C):	23.3
Date:	7/6/2015	Liquid Temperature (°C):	21.2
Serial Number:	IASY515S0018	Humidity (%RH):	46
Configuration:	INTE5597-3	Bar. Pressure (mb):	1013
Comments:	Final Power setting: 13.0 dBm		

Test 4
DUT: SKL21-SDS; Type: Table/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D2450 (2450.0 MHz); Frequency: 2462 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 2462 MHz; σ = 2.038 S/m; ε_r = 51.03; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.492 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.256 W/kg
SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.068 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.144 W/kg

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.164 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) = 6.596 V/m

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) = 0.0855 W/kg
Maximum value of SAR (measured) = 0.0887 W/kg

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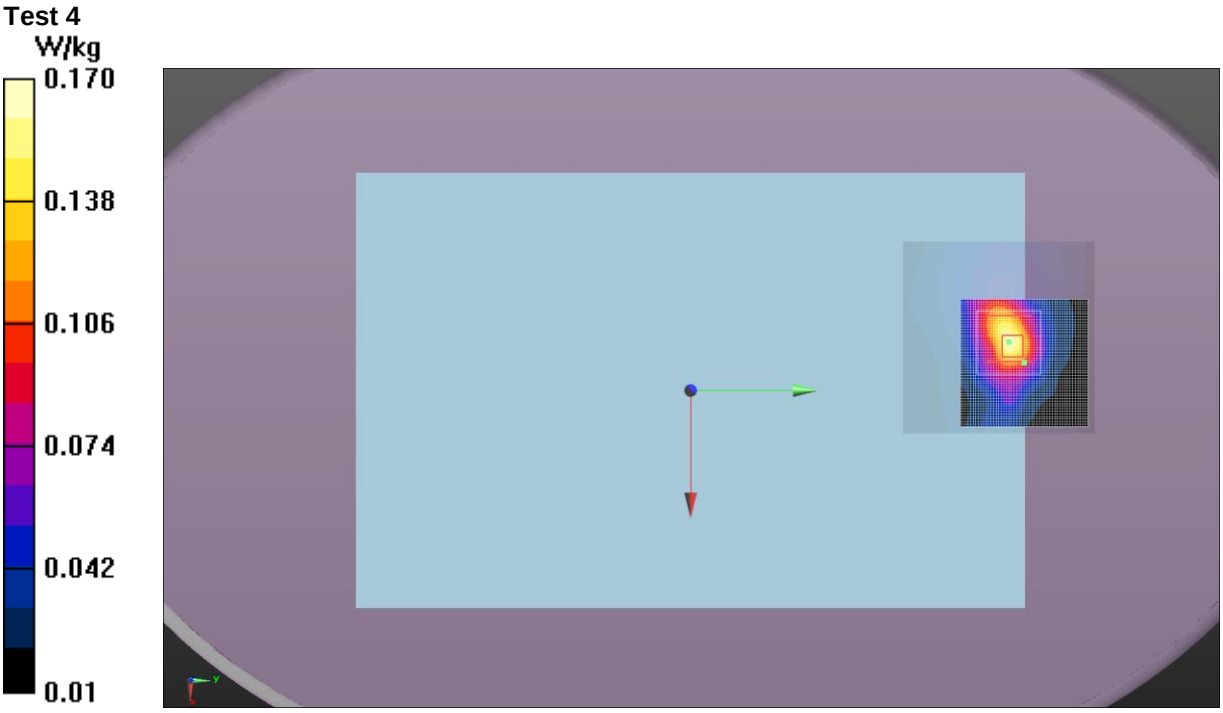
SAR TEST DATA – 2.4 GHz



SAR TEST DATA – 2.4 GHz

Tested By:	Carl Engholm	Room Temperature (°C):	23.9
Date:	7/6/2015	Liquid Temperature (°C):	21.5
Serial Number:	IASY515S0018	Humidity (%RH):	47
Configuration:	INTE5597-5	Bar. Pressure (mb):	1013
Comments:	Final Power setting: 16.0 dBm		

Test 5
DUT: SKL21-SDS; Type: Table/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D2450 (2450.0 MHz); Frequency: 2437 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 2437 MHz; σ = 2.006 S/m; ε_r = 51.129; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.75 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.630 W/kg; SAR(10 g) = 0.271 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.857 W/kg

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.868 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) = 14.23 V/m

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) = 0.254 W/kg
Maximum value of SAR (measured) = 0.406 W/kg

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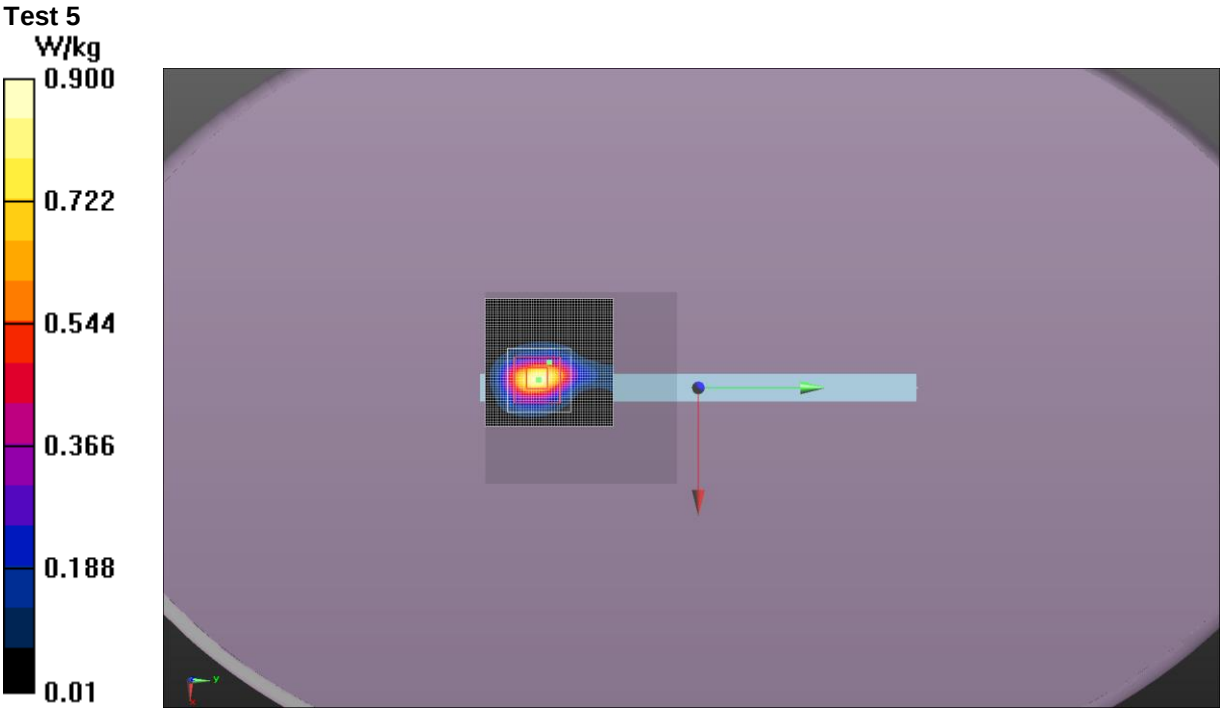
SAR TEST DATA – 2.4 GHz



SAR TEST DATA – 2.4 GHz

Tested By:	Carl Engholm	Room Temperature (°C):	23.4
Date:	7/1/2015	Liquid Temperature (°C):	21.9
Serial Number:	IASY515S0018	Humidity (%RH):	43
Configuration:	INTE5597-2	Bar. Pressure (mb):	1011
Comments:	Final Power setting: 16.0 dBm		

Test 6
DUT: SKL21-SDS; Type: Table/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW; Communication System Band: D2450 (2450.0 MHz); Frequency: 2437 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.927 S/m; ε_r = 50.939; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.17 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.37 W/kg
SAR(1 g) = 0.447 W/kg; SAR(10 g) = 0.194 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.585 W/kg

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.671 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) = 10.69 V/m

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) = 0.422 W/kg
Maximum value of SAR (measured) = 0.220 W/kg

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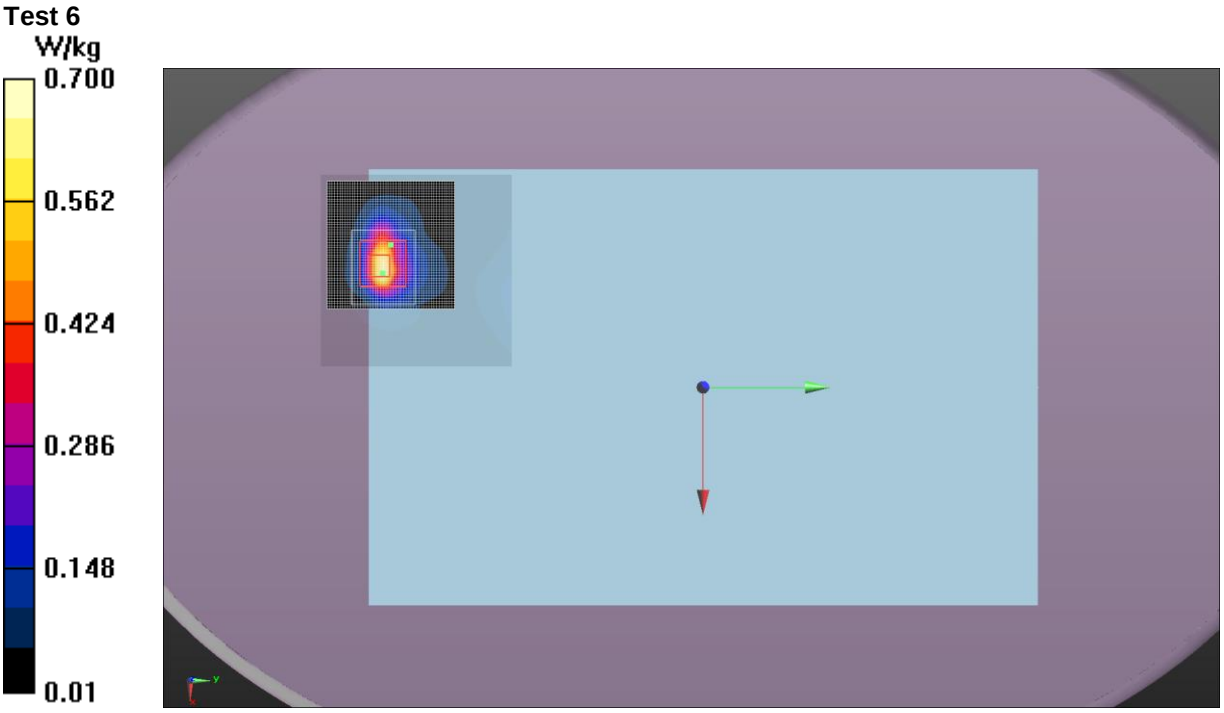
SAR TEST DATA – 2.4 GHz



SAR TEST DATA – 2.4 GHz

Tested By:	Carl Engholm	Room Temperature (°C):	23.7
Date:	7/6/2015	Liquid Temperature (°C):	21.3
Serial Number:	IASY515S0018	Humidity (%RH):	49
Configuration:	INTE5597-5	Bar. Pressure (mb):	1013
Comments:	Final Power setting: 16.0 dBm		

Test 7
DUT: SKL21-SDS; Type: Table/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D2450 (2450.0 MHz); Frequency: 2437 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 2437 MHz; σ = 2.006 S/m; ε_r = 51.129; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.60 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.513 W/kg
SAR(1 g) = 0.233 W/kg; SAR(10 g) = 0.099 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.320 W/kg

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.339 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) = 8.750 V/m

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) = 0.0470 W/kg
Maximum value of SAR (measured) = 0.154 W/kg

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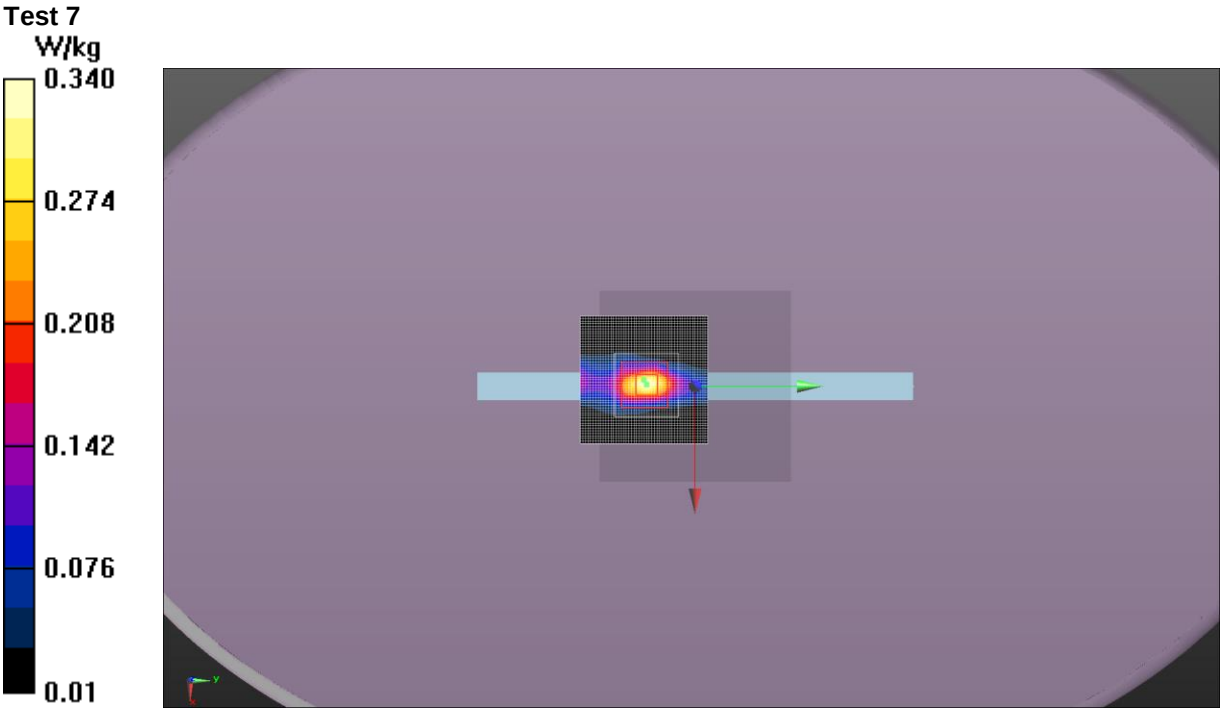
SAR TEST DATA – 2.4 GHz



SAR TEST DATA – 2.4 GHz

Tested By:	Carl Engholm	Room Temperature (°C):	23.5
Date:	7/6/2015	Liquid Temperature (°C):	21.2
Serial Number:	IASY515S0018	Humidity (%RH):	49
Configuration:	INTE5597-3	Bar. Pressure (mb):	1013
Comments:	Final Power setting: 16.0 dBm		

Test 8
DUT: SKL21-SDS; Type: Table/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D2450 (2450.0 MHz); Frequency: 2437 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 2437 MHz; σ = 2.006 S/m; ε_r = 51.129; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.169 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.199 W/kg
SAR(1 g) = 0.108 W/kg; SAR(10 g) = 0.067 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.131 W/kg

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.140 W/kg

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

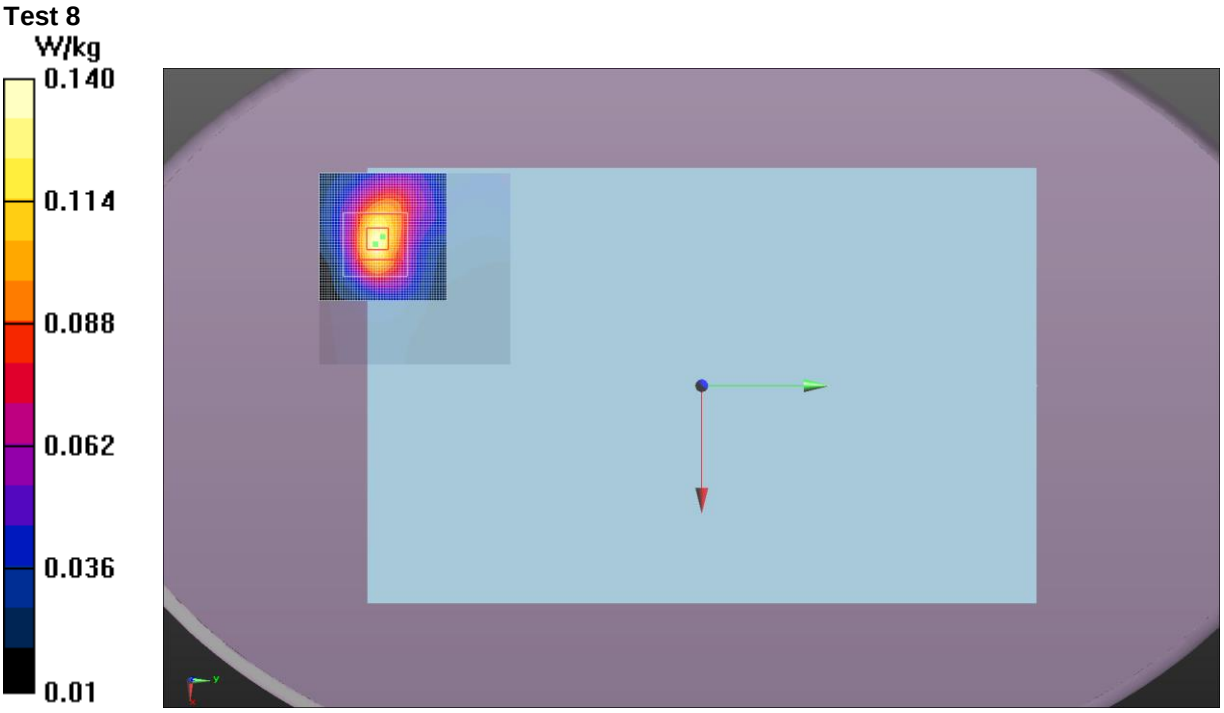
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of Total (measured) = 6.860 V/m

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) = 0.130 W/kg
Maximum value of SAR (measured) = 0.0944 W/kg

Approved By

SAR TEST DATA – 2.4 GHz



SAR TEST DATA – 2.4 GHz

Tested By:	Carl Engholm	Room Temperature (°C):	23.5
Date:	7/6/2015	Liquid Temperature (°C):	21.2
Serial Number:	IASY515S0018	Humidity (%RH):	48
Configuration:	INTE5597-2	Bar. Pressure (mb):	1013
Comments:	Final Power setting: 13.0 dBm		

Test 9
DUT: SKL21-SDS; Type: Table/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D2450 (2450.0 MHz); Frequency: 2442 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 2442 MHz; σ = 2.012 S/m; ε_r = 51.109; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.97 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.40 W/kg
SAR(1 g) = 0.528 W/kg; SAR(10 g) = 0.208 W/kg

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

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.691 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) = 11.99 V/m

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) = 0.134 W/kg
Maximum value of SAR (measured) = 0.289 W/kg

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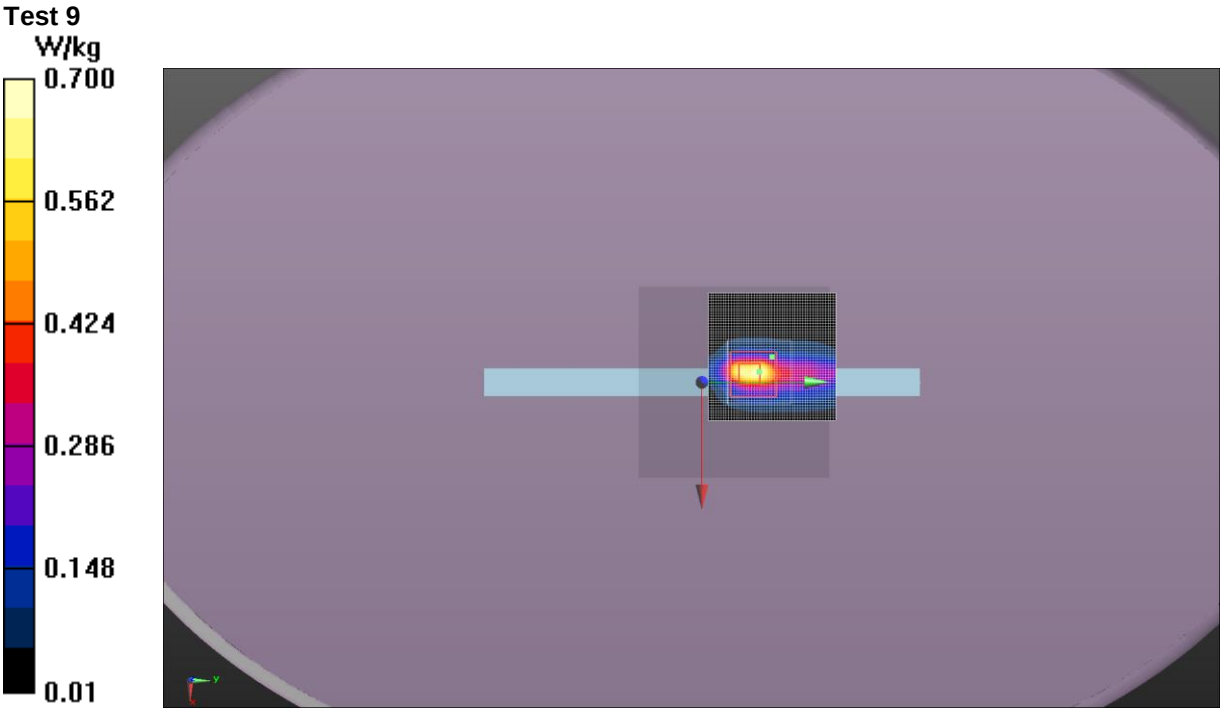
SAR TEST DATA – 2.4 GHz



SAR TEST DATA – 2.4 GHz

Tested By:	Carl Engholm	Room Temperature (°C):	22.8
Date:	7/1/2015	Liquid Temperature (°C):	22
Serial Number:	IASY515S0018	Humidity (%RH):	39
Configuration:	INTE5597-2	Bar. Pressure (mb):	1011
Comments:	Final Power setting: 13.0 dBm		

Test 10
DUT: SKL21-SDS; Type: Table/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D2450 (2450.0 MHz); Frequency: 2442 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 2442 MHz; σ = 1.934 S/m; ε_r = 50.919; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 29.08 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 3.03 W/kg
SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.383 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.63 W/kg

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.31 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) = 19.67 V/m

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) = 0.296 W/kg
Maximum value of SAR (measured) = 0.748 W/kg

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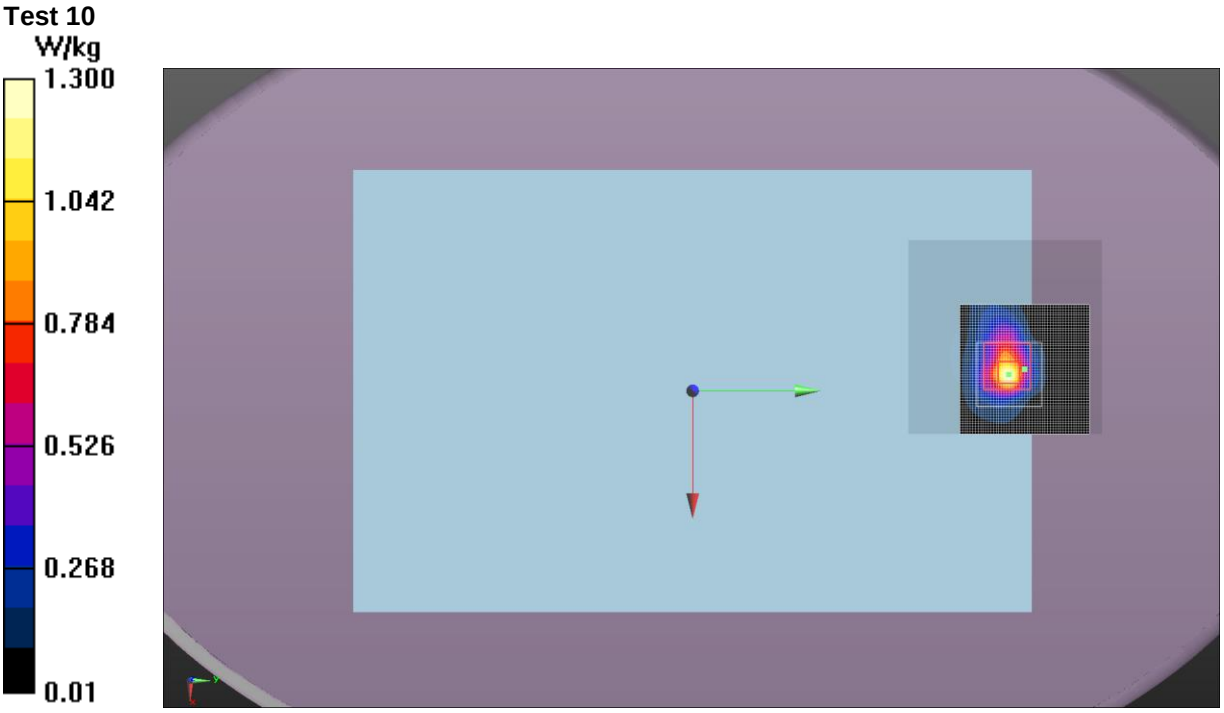
SAR TEST DATA – 2.4 GHz



SAR TEST DATA – 2.4 GHz

Tested By:	Carl Engholm	Room Temperature (°C):	22.8
Date:	7/1/2015	Liquid Temperature (°C):	22
Serial Number:	IASY515S0018	Humidity (%RH):	39
Configuration:	INTE5597-2	Bar. Pressure (mb):	1011
Comments:	Final Power setting: 13.0 dBm		

Test 10a
DUT: SKL21-SDS; Type: Table/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D2450 (2450.0 MHz); Frequency: 2422 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 2422 MHz; σ = 1.904 S/m; ε_r = 51.005; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.93 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 2.05 W/kg
SAR(1 g) = 0.724 W/kg; SAR(10 g) = 0.261 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.09 W/kg

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.873 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) = 16.23 V/m

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) = 0.201 W/kg

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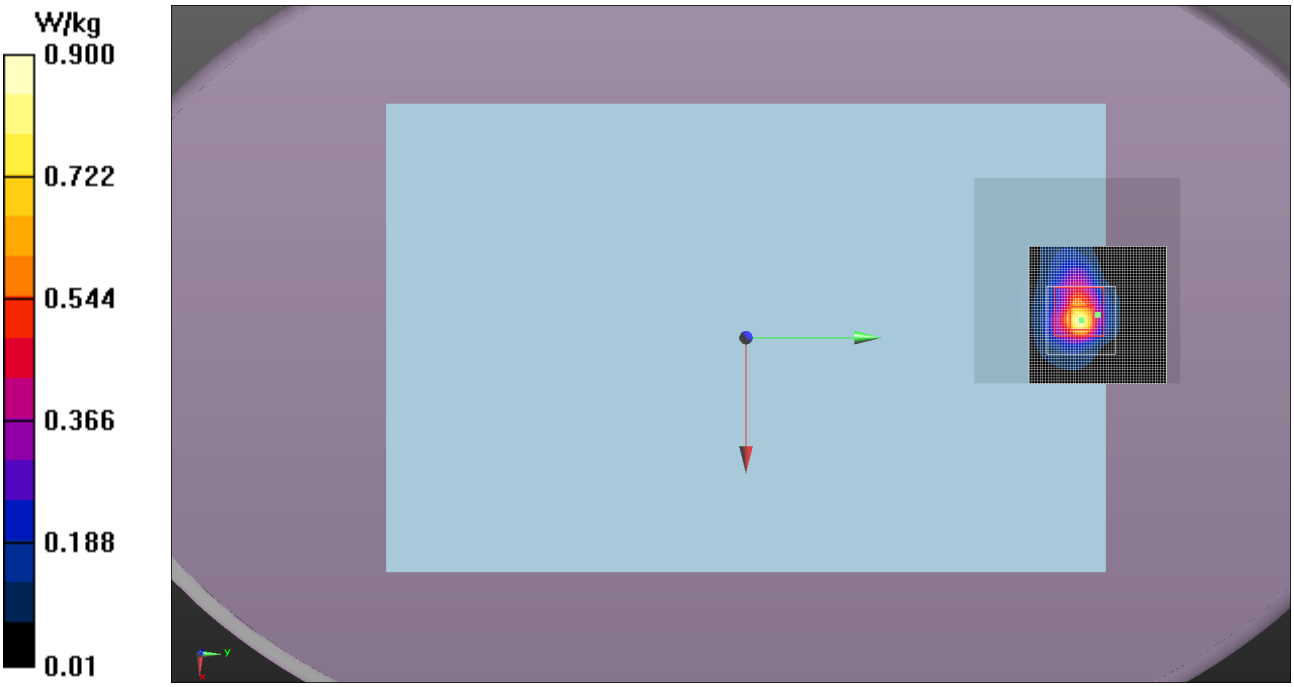
SAR TEST DATA – 2.4 GHz

Test 10a



SAR TEST DATA – 2.4 GHz

Tested By:	Carl Engholm	Room Temperature (°C):	23.3
Date:	7/6/2015	Liquid Temperature (°C):	21.2
Serial Number:	IASY515S0018	Humidity (%RH):	44
Configuration:	INTE5597-3	Bar. Pressure (mb):	1013
Comments:	Final Power setting: 13.0 dBm		

Test 11
DUT: SKL21-SDS; Type: Table/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D2450 (2450.0 MHz); Frequency: 2442 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 2442 MHz; σ = 2.012 S/m; ε_r = 51.109; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.18 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.52 W/kg
SAR(1 g) = 0.581 W/kg; SAR(10 g) = 0.209 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.818 W/kg

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.728 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) = 13.44 V/m

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) = 0.113 W/kg
Maximum value of SAR (measured) = 0.363 W/kg

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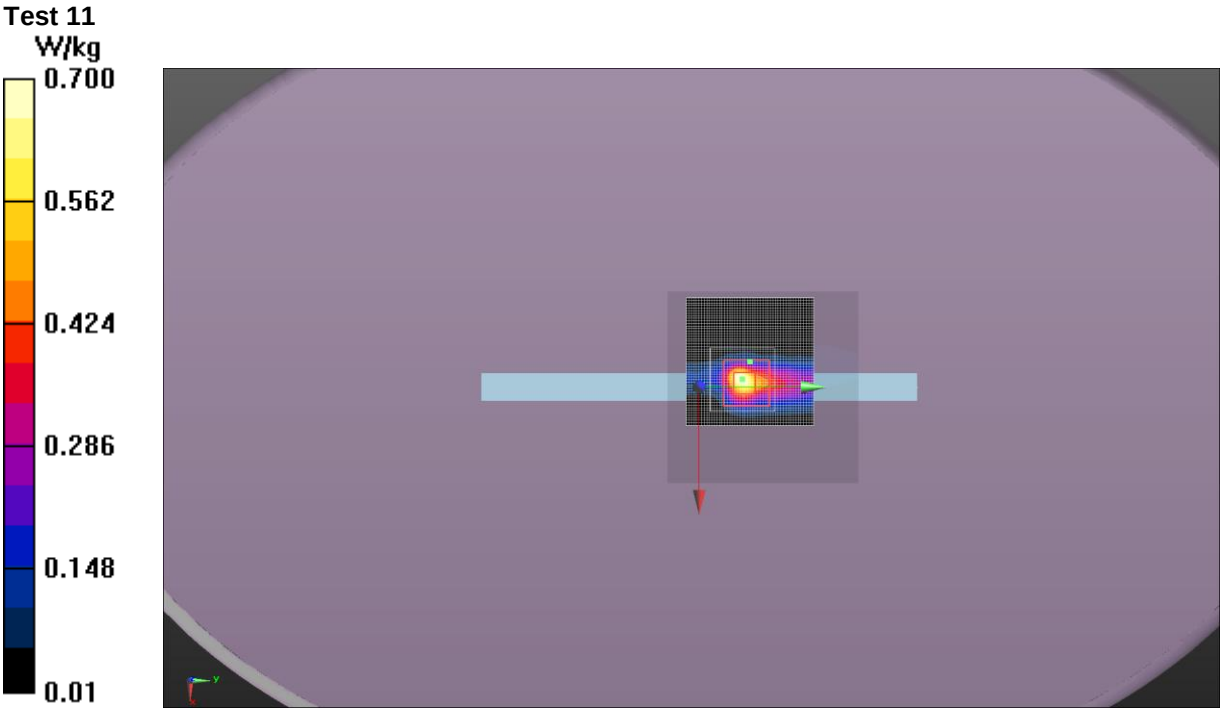
SAR TEST DATA – 2.4 GHz



SAR TEST DATA – 2.4 GHz

Tested By:	Carl Engholm	Room Temperature (°C):	22.3
Date:	7/6/2015	Liquid Temperature (°C):	21.2
Serial Number:	IASY515S0018	Humidity (%RH):	45
Configuration:	INTE5597-3	Bar. Pressure (mb):	1013
Comments:	Final Power setting: 13.0 dBm		

Test 12
DUT: SKL21-SDS; Type: Table/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D2450 (2450.0 MHz); Frequency: 2442 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 2442 MHz; σ = 2.012 S/m; ε_r = 51.109; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.103 W/kg

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) = 0.0603 W/kg

Body/Body/Area scan (6x6x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0987 W/kg

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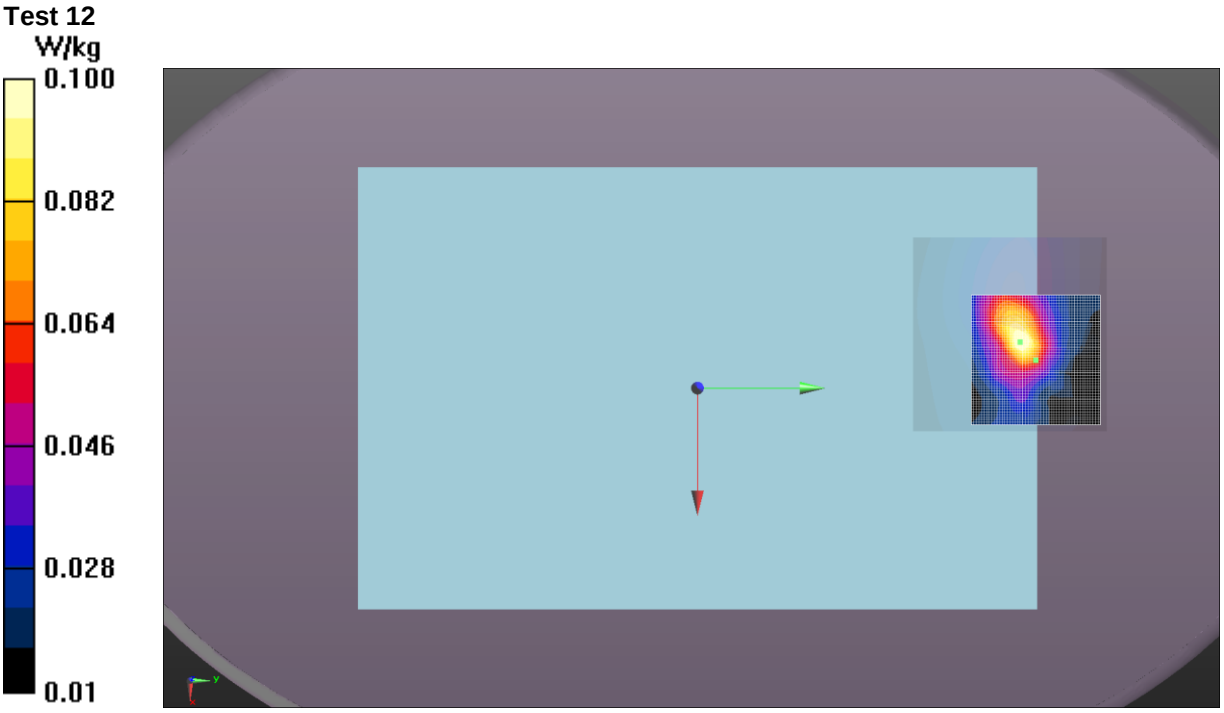
SAR TEST DATA – 2.4 GHz



SAR TEST DATA – 2.4 GHz

Tested By:	Carl Engholm	Room Temperature (°C):	23.8
Date:	7/6/2015	Liquid Temperature (°C):	21.4
Serial Number:	IASY515S0018	Humidity (%RH):	47
Configuration:	INTE5597-5	Bar. Pressure (mb):	1013
Comments:	Final Power setting: 12.0 dBm		

Test 13
DUT: SKL21-SDS; Type: Table/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D2450 (2450.0 MHz); Frequency: 2422 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 2422 MHz; σ = 1.987 S/m; ε_r = 51.19; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.93 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.530 W/kg
SAR(1 g) = 0.247 W/kg; SAR(10 g) = 0.108 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.335 W/kg

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.326 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) = 9.098 V/m

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) = 0.0785 W/kg
Maximum value of SAR (measured) = 0.164 W/kg

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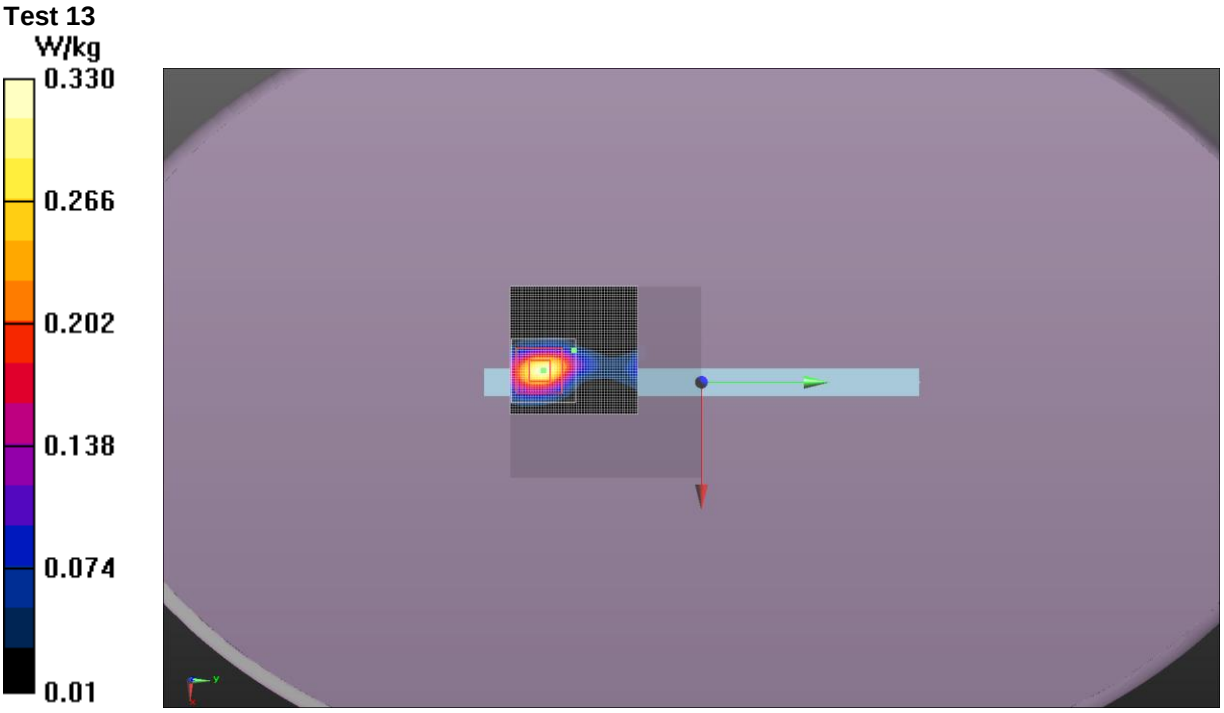
SAR TEST DATA – 2.4 GHz



SAR TEST DATA – 2.4 GHz

Tested By:	Carl Engholm	Room Temperature (°C):	23.7
Date:	7/1/2015	Liquid Temperature (°C):	21.9
Serial Number:	IASY515S0018	Humidity (%RH):	52
Configuration:	INTE5597-2	Bar. Pressure (mb):	1011
Comments:	Final Power setting: 12.0 dBm		

Test 14
DUT: SKL21-SDS; Type: Table/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D2450 (2450.0 MHz); Frequency: 2422 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 2422 MHz; σ = 1.904 S/m; ε_r = 51.005; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.77 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.661 W/kg
SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.098 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.270 W/kg

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.299 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) = 7.564 V/m

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

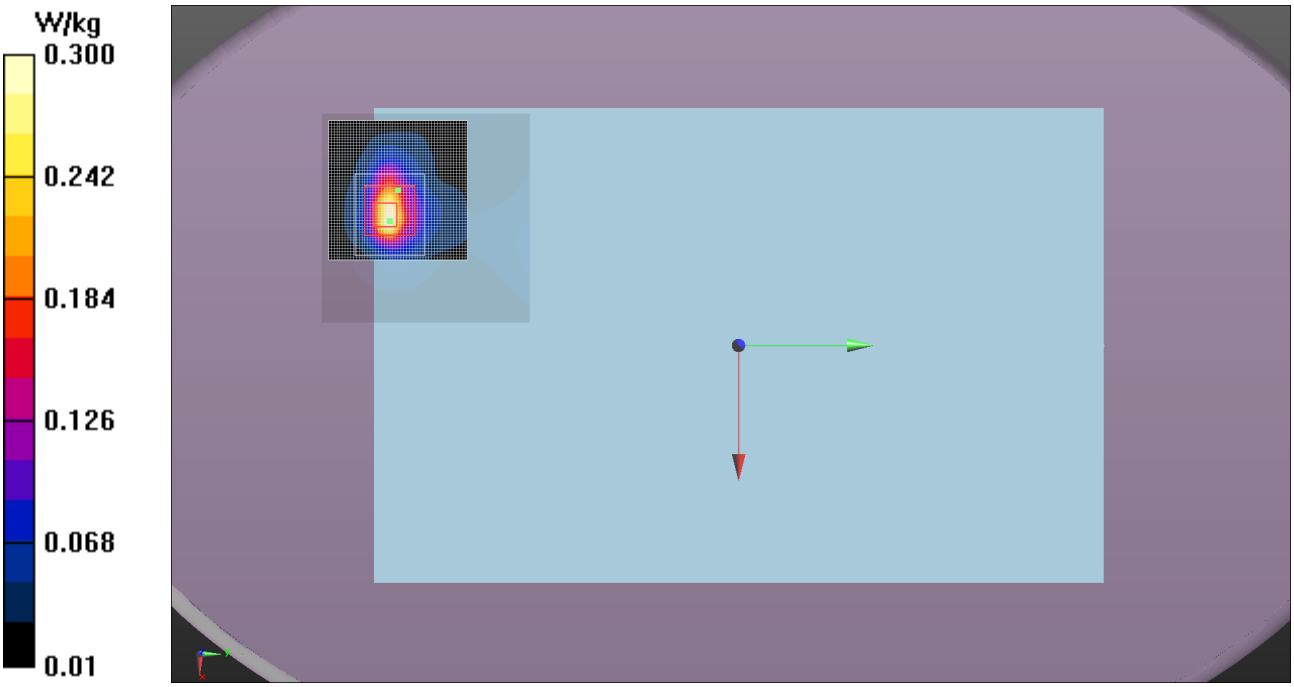
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.181 W/kg

Approved By

SAR TEST DATA – 2.4 GHz

NORTHWEST EMC
WSTD.2013.09.09

Test 14



SAR TEST DATA – 2.4 GHz

Tested By:	Carl Engholm	Room Temperature (°C):	23.2
Date:	7/6/2015	Liquid Temperature (°C):	21.4
Serial Number:	IASY515S0018	Humidity (%RH):	51
Configuration:	INTE5597-5	Bar. Pressure (mb):	1013
Comments:	Final Power setting: 12.0 dBm		

Test 15
DUT: SKL21-SDS; Type: Table/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D2450 (2450.0 MHz); Frequency: 2422 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 2422 MHz; σ = 1.987 S/m; ε_r = 51.19; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.40 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.474 W/kg
SAR(1 g) = 0.220 W/kg; SAR(10 g) = 0.096 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.299 W/kg

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.316 W/kg

Body/Body/Area scan 2 (51x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.335 W/kg

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

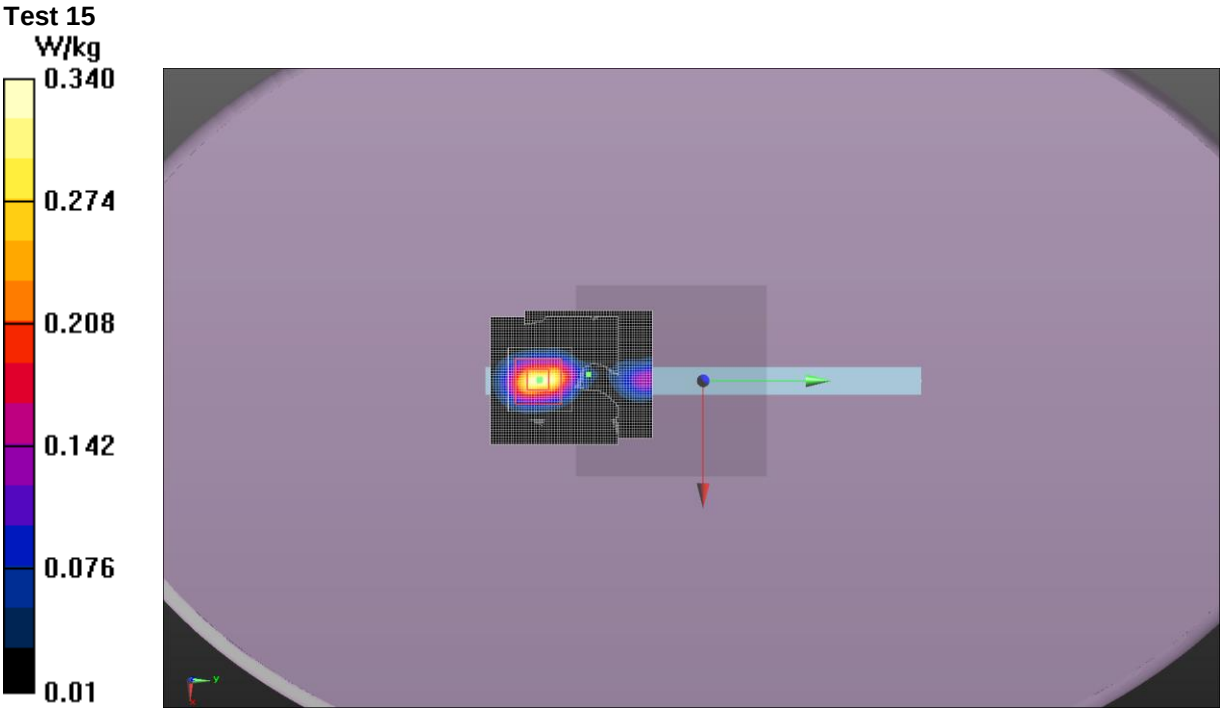
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of Total (measured) = 8.665 V/m

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) = 0.0498 W/kg
Maximum value of SAR (measured) = 0.149 W/kg

Approved By

SAR TEST DATA – 2.4 GHz



SAR TEST DATA – 2.4 GHz

Tested By:	Carl Engholm	Room Temperature (°C):	23.5
Date:	7/6/2015	Liquid Temperature (°C):	21.2
Serial Number:	IASY515S0018	Humidity (%RH):	49
Configuration:	INTE5597-3	Bar. Pressure (mb):	1013
Comments:	Final Power setting: 12.0 dBm		

Test 16
DUT: SKL21-SDS; Type: Table/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D2450 (2450.0 MHz); Frequency: 2422 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 2422 MHz; σ = 1.987 S/m; ε_r = 51.19; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.0721 W/kg

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

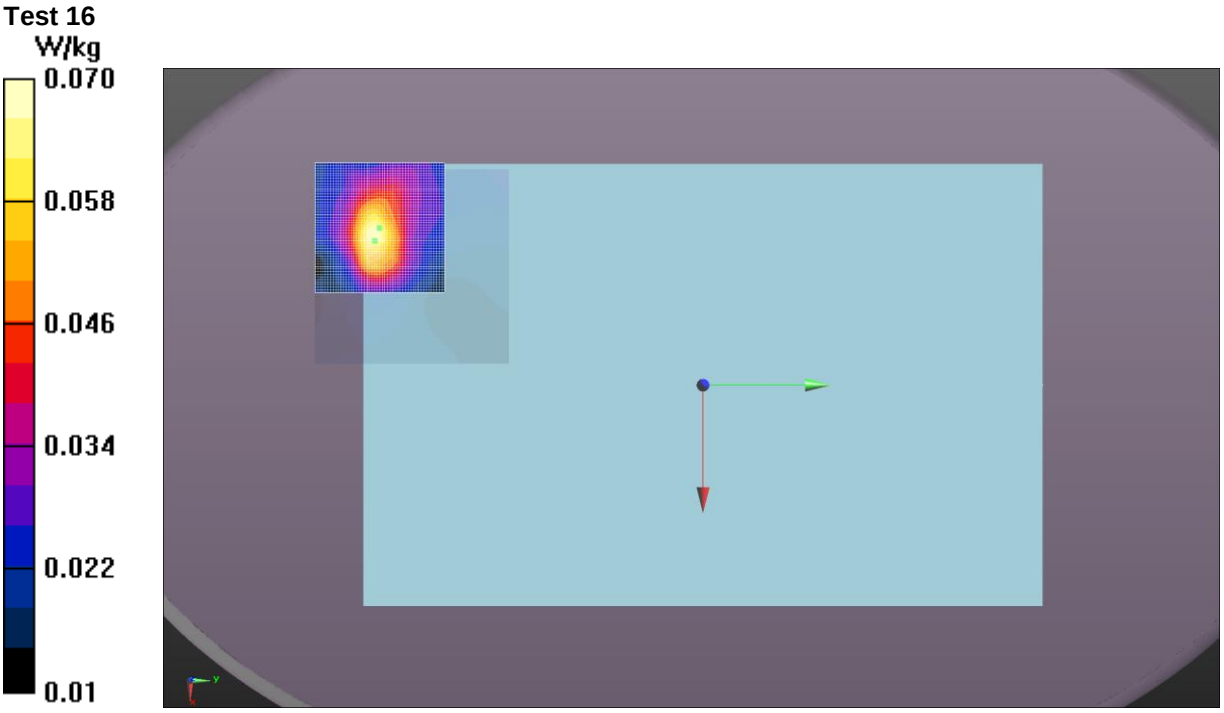
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.0643 W/kg

Body/Body/Area scan (6x6x1): Measurement grid: dx=12mm, dy=12mm

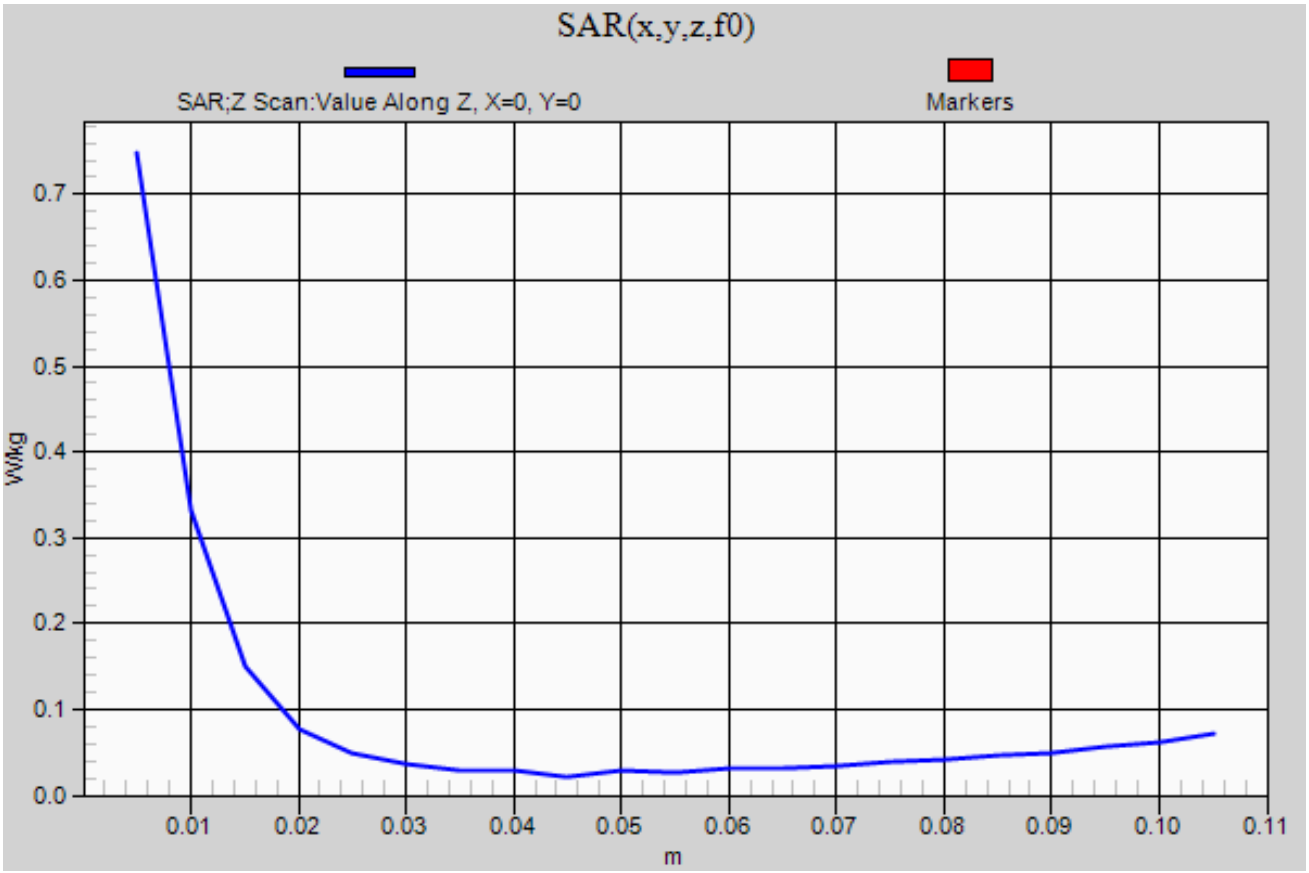
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0666 W/kg

Approved By

SAR TEST DATA – 2.4 GHz



Test 10 -


SAR(x,y,z,f0)
SAR;Z Scan:Value Along Z, X=0, Y=0
Markers
W/kg
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.10
0.11
m

SAR TEST DATA – 5.2 GHz

NORTHWEST EMC
WSTD.2013.09.09

EUT:	SKL21-SDS	Work Order:	INTE5597
Customer:	Intel Corporation	Job Site:	EV08
Attendees:	None	Customer Project:	None

TEST SPECIFICATIONS

Specification:	Method:
FCC 15.247:2015 FCC 2.1093:2015	FCC KDB 248227 D01 V02r01 FCC KDB 447498 D01 v05r02 FCC KDB 616217 D04 v01r01 FCC KDB 865664 D01 v01r03 FCC KDB 865664 D02 v01r01 IEEE Std 1528:2013

COMMENTS

None

DEVIATIONS FROM TEST STANDARD

None

RESULTS

Frequency Band	Transmit Frequency (MHz)	Transmit Channel	Data Rate (Mbps)	Channel Bandwidth (MHz)	Antenna Port	Mode	EUT Position	Power Drift During Test (dB)	Measured 1g SAR Level (mW/g)	Measured 10g SAR Level (mW/g)	Rated Power	Scaling Factor	Reported 1g SAR Level (mW/g)	Reported 10g SAR Level (mW/g)	Test Number
5.2	5240	48	6 Mbit	20	A	Tablet	Left	-0.11	0.65	0.17	11	0.56	0.37	0.10	101
5.2	5240	48	6 Mbit	20	A	Tablet	Back	0.06	1.01	0.32	11	0.56	0.57	0.18	102
5.2	5180	36	6 Mbit	20	A	Tablet	Back	0.11	1.14	0.36	11	0.58	0.66	0.21	102a
5.2	5220	44	6 Mbit	20	A	Tablet	Back	0.00	0.96	0.32	11	0.63	0.61	0.20	102b
5.2	5240	48	6 Mbit	20	A	Thick Tablet	Left	-0.57	0.73	0.33	11	0.56	0.41	0.19	103a
5.2	5240	48	6 Mbit	20	A	Thick Tablet	Back	0.03	0.18	0.13	11	0.56	0.10	0.07	104a
5.2	5230	44/48 (46F)	MCS0(ac)	40	A	Tablet	Left	0.16	0.62	0.16	11	0.69	0.43	0.11	105
5.2	5230	44/48 (46F)	MCS0(ac)	40	A	Tablet	Back	0.13	0.89	0.29	11	0.69	0.62	0.20	106
5.2	5190	36/40 (38f)	MCS0(ac)	40	A	Tablet	Back	0.10	0.86	0.28	11	0.79	0.68	0.22	106a
5.2	5230	44/48 (46F)	MCS0(ac)	40	A	Thick Tablet	Left	-0.23	0.68	0.27	11	0.69	0.47	0.19	107b
5.2	5230	44/48 (46F)	MCS0(ac)	40	A	Thick Tablet	Back	0.27	0.16	0.12	11	0.69	0.11	0.08	108a
5.2	5210	42	MCS0(ac)	80	A	Tablet	Left	0.25	0.68	0.17	11	0.62	0.42	0.10	109
5.2	5210	42	MCS0(ac)	80	A	Tablet	Back	0.13	1.04	0.33	11	0.62	0.64	0.20	110
5.2	5210	42	MCS0(ac)	80	A	Thick Tablet	Left	0.05	0.73	0.28	11	0.62	0.45	0.17	111a
5.2	5210	42	MCS0(ac)	80	A	Thick Tablet	Back	0.34	0.20	0.14	11	0.62	0.12	0.09	112a
5.2	5200	40	6 Mbit	20	B	Tablet	Right	-0.17	1.11	0.28	10	0.22	0.25	0.06	113
5.2	5240	48	6 Mbit	20	B	Tablet	Right	-0.10	0.92	0.23	10	0.22	0.20	0.05	113a
5.2	5180	36	6 Mbit	20	B	Tablet	Right	-0.10	0.76	0.19	10	0.30	0.23	0.06	113c
5.2	5240	48	6 Mbit	20	B	Tablet	Back	0.07	1.45	0.48	10	0.22	0.32	0.11	114d
5.2	5200	40	6 Mbit	20	B	Tablet	Back	0.07	1.46	0.48	10	0.22	0.32	0.11	114e
5.2	5180	36	6 Mbit	20	B	Tablet	Back	0.05	1.23	0.42	10	0.30	0.37	0.13	114g
5.2	5200	40	6 Mbit	20	B	Thick Tablet	Right	0.25	0.71	0.21	10	0.22	0.16	0.05	115c
5.2	5200	40	6 Mbit	20	B	Thick Tablet	Back	0.19	0.47	0.23	10	0.22	0.10	0.05	116d
5.2	5230	44/48 (46F)	MCS0(ac)	40	B	Tablet	Right	0.12	0.88	0.22	10	0.21	0.18	0.05	117
5.2	5190	36/40 (38f)	MCS0(ac)	40	B	Tablet	Right	0.09	1.10	0.28	10	0.63	0.69	0.18	117a
5.2	5230	44/48 (46F)	MCS0(ac)	40	B	Tablet	Back	0.02	1.47	0.47	10	0.21	0.31	0.10	118a
5.2	5190	36/40 (38f)	MCS0(ac)	40	B	Tablet	Back	0.11	1.25	0.415	10	0.21	0.26	0.09	118b
5.2	5230	44/48 (46f)	MCS0(ac)	40	B	Tablet	Back	1.43	1.39	.471	10	0.55	0.76	0.26	118e

SAR TEST DATA – 5.2 GHz

NORTHWEST EMC
WSTD.2013.09.09

Frequency Band	Transmit Frequency (MHz)	Transmit Channel	Data Rate (Mbps)	Channel Bandwidth (MHz)	Antenna Port	Mode	EUT Position	Power Drift During Test (dB)	Measured 1g SAR Level (mW/g)	Measured 10g SAR Level (mW/g)	Rated Power	Scaling Factor	Reported 1g SAR Level (mW/g)	Reported 10g SAR Level (mW/g)	Test Number
5.2	5230	44/48 (46)	MCSO(ac)	40	B	Tablet	Back	0.00	1.53	0.517	10	0.21	0.32	0.11	118f
5.2	5230	44/48 (46)	MCS0(ac)	40	B	Tablet	Back	0.09	1.48	.498	10	0.63	0.93	0.31	118n
5.2	5230	44/48 (46)	MCS0(ac)	40	B	Thick Tablet	Right	-0.17	0.606	0.177	10	0.21	0.13	0.04	119b
5.2	5230	44/48 (46)	MCS0(ac)	40	B	Thick Tablet	Back	-0.03	0.458	0.231	10	0.21	0.10	0.05	120b
5.2	5210	42	MCS0(ac)	80	B	Tablet	Right	-0.31	1.16	0.287	10	0.25	0.29	0.07	121
5.2	5210	42	MCS0(ac)	80	B	Tablet	Back	-0.02	1.22	0.414	10	0.25	0.31	0.10	122a
5.2	5210	42	MCS0(ac)	80	B	Thick Tablet	Right	-0.13	0.878	0.253	10	0.25	0.22	0.06	123a
5.2	5210	42	MCSO(ac)	80	B	Thick Tablet	Back	0.06	0.461	0.24	10	0.25	0.12	0.06	124a

SAR TEST DATA – 5.2 GHz

Tested By:	Carl Engholm	Room Temperature (°C):	24.1
Date:	6/22/2015	Liquid Temperature (°C):	21.6
Serial Number:	IASY515S0018	Humidity (%RH):	45
Configuration:	INTE5597-2	Bar. Pressure (mb):	1018
Comments:	Final Power Setting: 11.0 dBm		

Test 101
DUT: SKL21-SDS; Type: Tablet/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz);
Frequency: 5240 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 5240 MHz; σ = 5.27 S/m; ε_r = 47.574; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (9x10x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 14.31 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 2.57 W/kg
SAR(1 g) = 0.653 W/kg; SAR(10 g) = 0.168 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.43 W/kg

Body/Body/Reference scan (21x81x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.365 W/kg

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

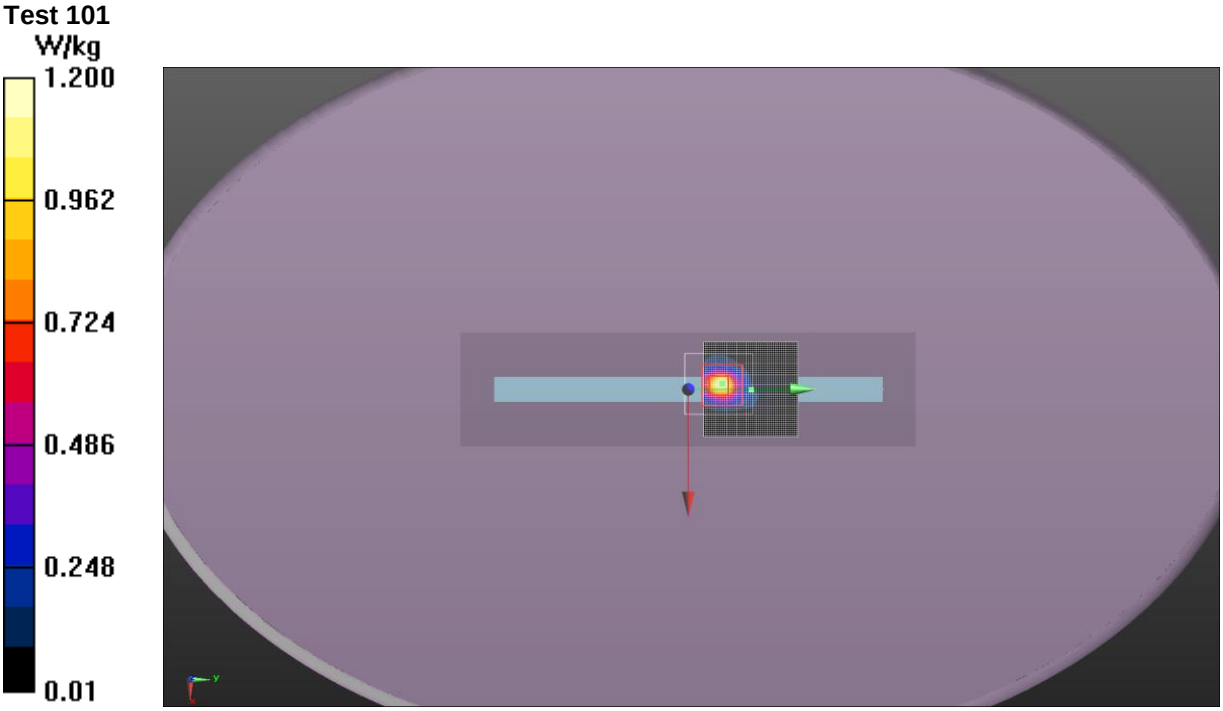
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of Total (measured) = 6.306 V/m

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.21 W/kg
Maximum value of SAR (measured) = 0.210 W/kg

Approved By

SAR TEST DATA – 5.2 GHz



SAR TEST DATA – 5.2 GHz

Tested By:	Luke Richardson and Ethan Schoonover	Room Temperature (°C):	23.4
Date:	6/19/2015	Liquid Temperature (°C):	22
Serial Number:	IASY515S0018	Humidity (%RH):	41.9
Configuration:	INTE5597-2	Bar. Pressure (mb):	1020.7
Comments:	Final Power Setting: 11.0 dBm		

Test 102
DUT: SKL21-SDS; Type: Tablet/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz);
Frequency: 5240 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 5240 MHz; σ = 5.222 S/m; ε_r = 47.717; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 17.68 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 4.59 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.324 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.98 W/kg

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) = 0.242 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) = 9.934 V/m

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.96 W/kg
Maximum value of SAR (measured) = 0.515 W/kg

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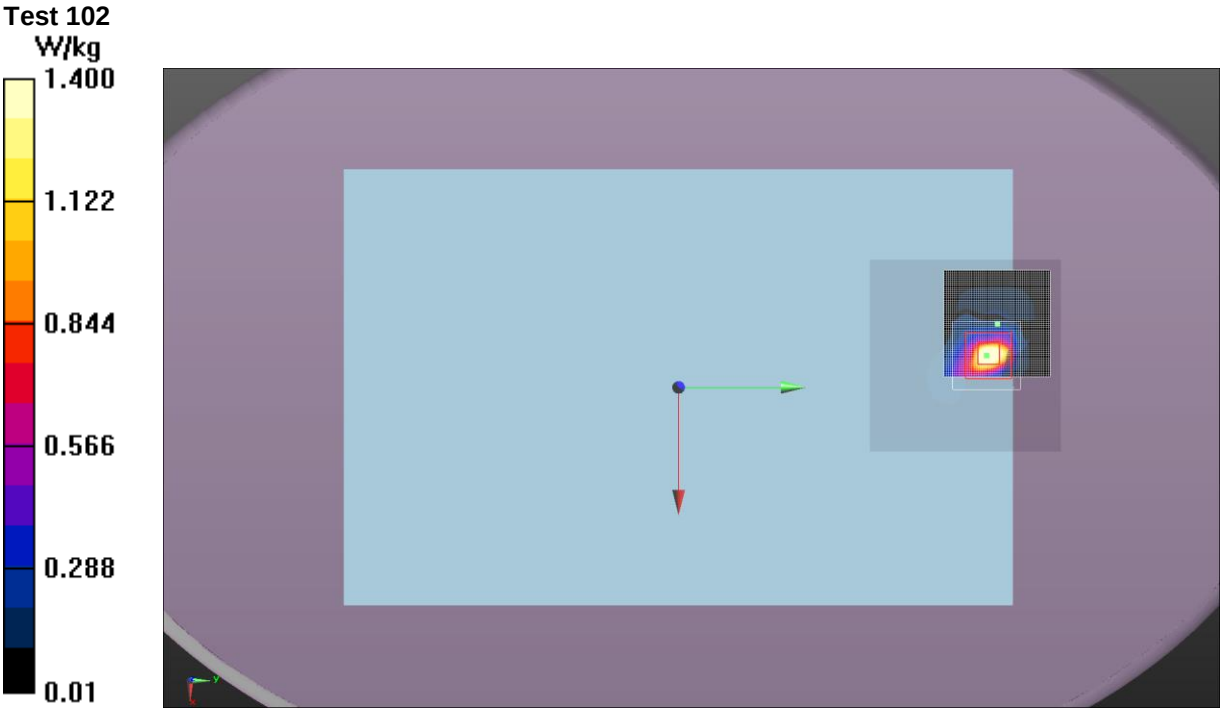
SAR TEST DATA – 5.2 GHz



SAR TEST DATA – 5.2 GHz

Tested By:	Carl Engholm	Room Temperature (°C):	22.8
Date:	6/22/2015	Liquid Temperature (°C):	21.5
Serial Number:	IASY515S0018	Humidity (%RH):	48
Configuration:	INTE5597-2	Bar. Pressure (mb):	1018
Comments:	Final Power Setting: 11.0 dBm		

Test 102a
DUT: SKL21-SDS; Type: Tablet/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz);
Frequency: 5180 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 5180 MHz; σ = 5.133 S/m; ε_r = 47.414; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 19.20 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 4.84 W/kg
SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.358 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 2.27 W/kg

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) = 0.214 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) = 10.91 V/m

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 2.27 W/kg

Body/Body/Area scan 2 (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 2.22 W/kg
Maximum value of SAR (measured) = 0.611 W/kg

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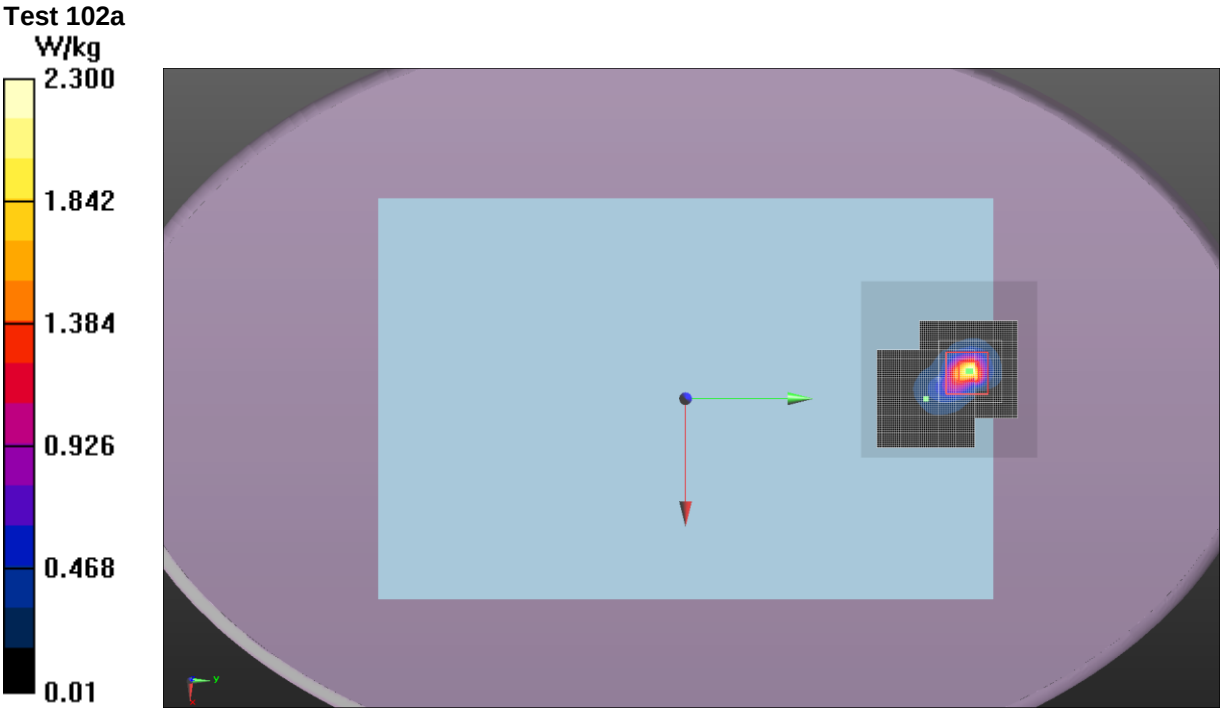
SAR TEST DATA – 5.2 GHz



SAR TEST DATA – 5.2 GHz

Tested By:	Luke Richardson and Ethan Schoonover	Room Temperature (°C):	23.8
Date:	6/23/2015	Liquid Temperature (°C):	21.4
Serial Number:	IASY515S0018	Humidity (%RH):	41
Configuration:	INTE5597-2	Bar. Pressure (mb):	1020.7
Comments:	Final Power Setting: 11.0 dBm		

Test 102b
DUT: SKL21-SDS; Type: Tablet/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz);
Frequency: 5220 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 5220 MHz; σ = 5.252 S/m; ε_r = 47.497; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 17.38 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 4.08 W/kg
SAR(1 g) = 0.957 W/kg; SAR(10 g) = 0.317 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.89 W/kg

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of Total (measured) = 9.793 V/m

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.94 W/kg

Body/Body/Area scan 2 (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.90 W/kg

Body/Body/Area scan 2 (6x6x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.22 W/kg

SAR TEST DATA – 5.2 GHz

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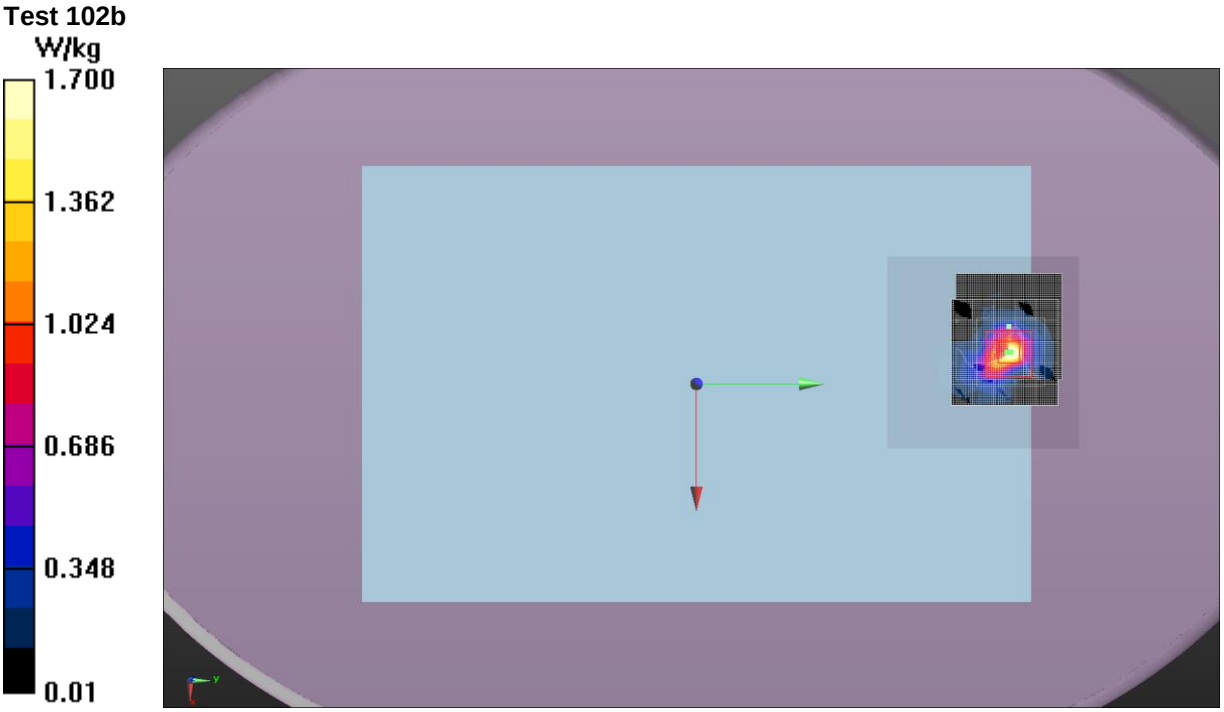
Test 102b



SAR TEST DATA – 5.2 GHz

Tested By:	Luke Richardson and Ethan Schoonover	Room Temperature (°C):	22.9
Date:	7/7/2015	Liquid Temperature (°C):	20.7
Serial Number:	IASY515S0018	Humidity (%RH):	46.6
Configuration:	INTE5597-3	Bar. Pressure (mb):	1017.4
Comments:	Final Power Setting: 11.0 dBm		

Test 103a
DUT: SKL21-SDS; Type: Tablet/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz);
Frequency: 5240 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 5240 MHz; σ = 5.428 S/m; ε_r = 46.771; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 14.49 V/m; Power Drift = -0.57 dB
Peak SAR (extrapolated) = 3.16 W/kg
SAR(1 g) = 0.727 W/kg; SAR(10 g) = 0.326 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.26 W/kg

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) = 0.254 W/kg

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

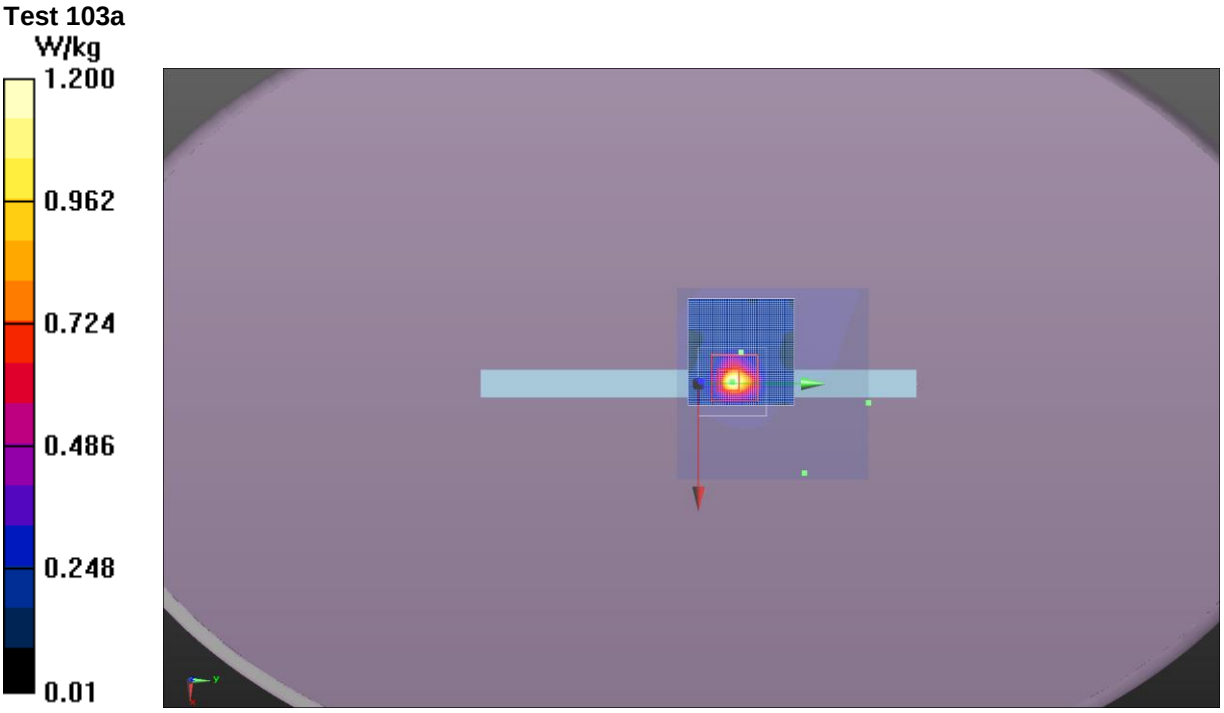
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of Total (measured) = 7.124 V/m

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.36 W/kg
Maximum value of SAR (measured) = 0.275 W/kg

Approved By

SAR TEST DATA – 5.2 GHz



SAR TEST DATA – 5.2 GHz

Tested By:	Carl Engholm	Room Temperature (°C):	23.3
Date:	7/7/2015	Liquid Temperature (°C):	20.9
Serial Number:	IASY515S0018	Humidity (%RH):	42
Configuration:	INTE5597-1	Bar. Pressure (mb):	1013
Comments:	Final Power Setting: 11.0 dBm		

Test 104a
DUT: SKL21-SDS; Type: Tablet/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz);
Frequency: 5240 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 5240 MHz; σ = 5.428 S/m; ε_r = 46.771; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (9x10x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 6.451 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.572 W/kg
SAR(1 g) = 0.177 W/kg; SAR(10 g) = 0.128 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.235 W/kg

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) = 0.122 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) = 5.577 V/m

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.229 W/kg
Maximum value of SAR (measured) = 0.169 W/kg

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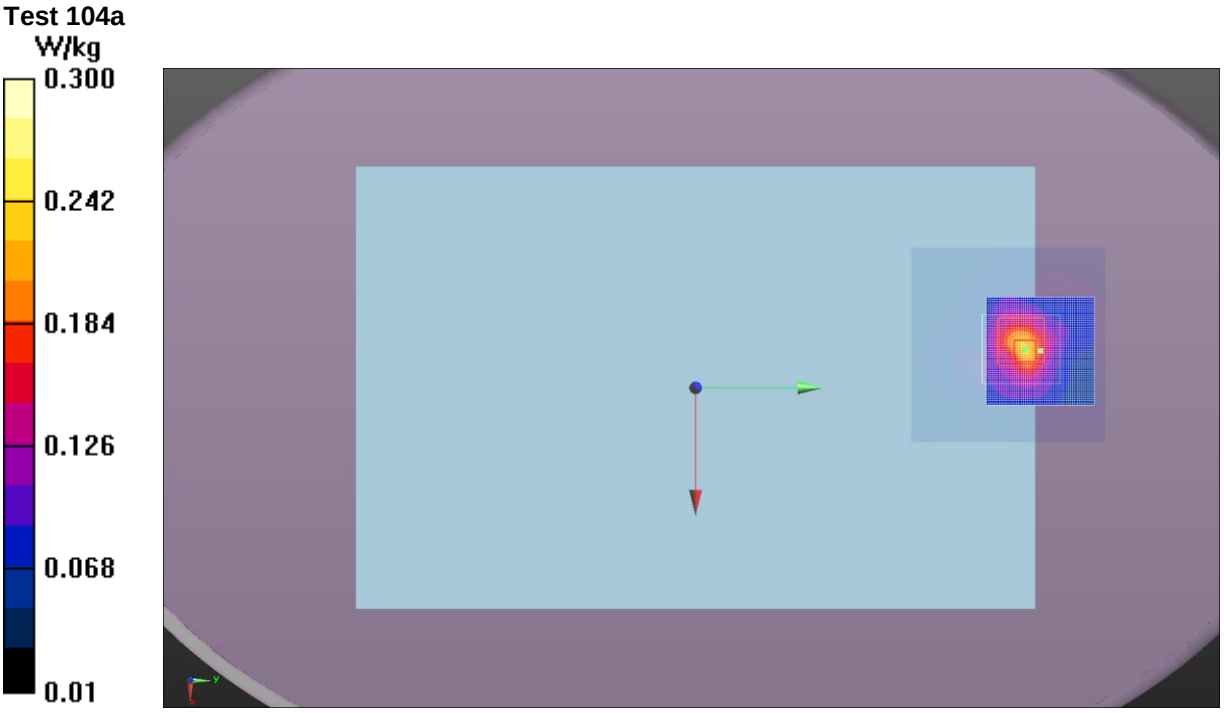
SAR TEST DATA – 5.2 GHz



SAR TEST DATA – 5.2 GHz

Tested By:	Carl Engholm	Room Temperature (°C):	23.9
Date:	6/22/2015	Liquid Temperature (°C):	21.6
Serial Number:	IASY515S0018	Humidity (%RH):	43
Configuration:	INTE5597-2	Bar. Pressure (mb):	1018
Comments:	Final Power Setting: 11.0 dBm		

Test 105
DUT: SKL21-SDS; Type: Tablet/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz);
Frequency: 5230 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 5230 MHz; σ = 5.263 S/m; ε_r = 47.53; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (9x10x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 14.49 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 2.43 W/kg
SAR(1 g) = 0.625 W/kg; SAR(10 g) = 0.160 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.38 W/kg

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) = 0.0529 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) = 6.602 V/m

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.40 W/kg
Maximum value of SAR (measured) = 0.229 W/kg

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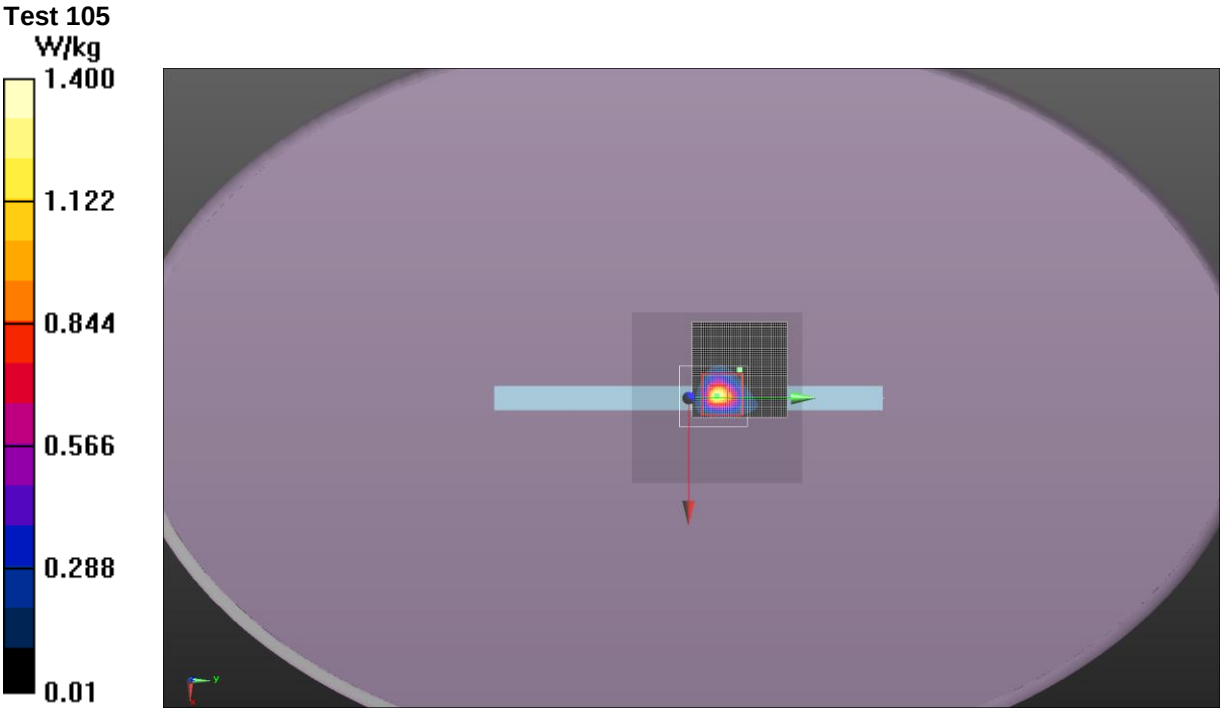
SAR TEST DATA – 5.2 GHz



SAR TEST DATA – 5.2 GHz

Tested By:	Luke Richardson and Ethan Schoonover	Room Temperature (°C):	23.4
Date:	6/19/2015	Liquid Temperature (°C):	22
Serial Number:	IASY515S0018	Humidity (%RH):	40.2
Configuration:	INTE5597-2	Bar. Pressure (mb):	1020
Comments:	Final Power Setting: 11.0 dBm		

Test 106
DUT: SKL21-SDS; Type: Tablet/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz);
Frequency: 5230 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 5230 MHz; σ = 5.184 S/m; ε_r = 47.677; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 16.72 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 3.94 W/kg
SAR(1 g) = 0.893 W/kg; SAR(10 g) = 0.292 W/kg

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

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) = 0.231 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) = 9.643 V/m

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.70 W/kg
Maximum value of SAR (measured) = 0.482 W/kg

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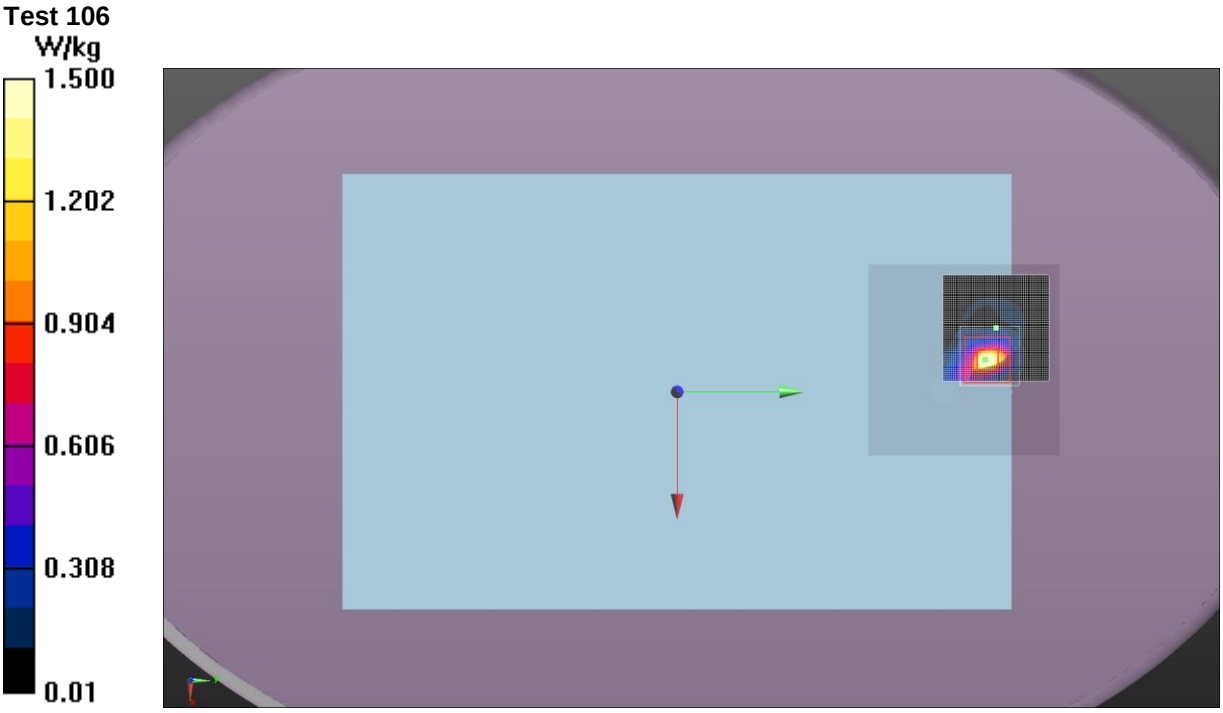
SAR TEST DATA – 5.2 GHz



SAR TEST DATA – 5.2 GHz

Tested By:	Carl Engholm	Room Temperature (°C):	22.2
Date:	6/22/2015	Liquid Temperature (°C):	21.5
Serial Number:	IASY515S0018	Humidity (%RH):	46
Configuration:	INTE5597-2	Bar. Pressure (mb):	1018
Comments:	Final Power Setting: 11.0 dBm		

Test 106a
DUT: SKL21-SDS; Type: Tablet/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz);
Frequency: 5190 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 5190 MHz; σ = 5.178 S/m; ε_r = 47.433; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 16.70 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 3.55 W/kg
SAR(1 g) = 0.857 W/kg; SAR(10 g) = 0.285 W/kg

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

Body/Body/Area scan 2 (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.65 W/kg

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) = 0.163 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) = 9.785 V/m

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.80 W/kg
Maximum value of SAR (measured) = 0.496 W/kg

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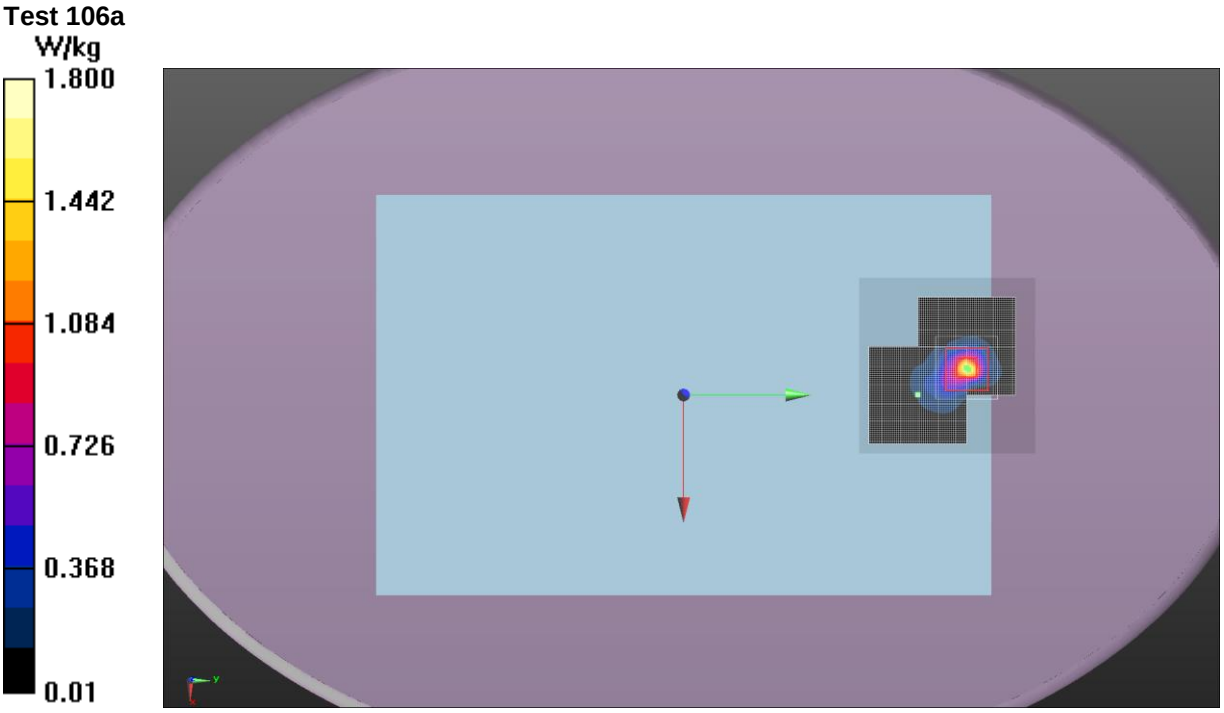
SAR TEST DATA – 5.2 GHz



SAR TEST DATA – 5.2 GHz

Tested By:	Luke Richardson and Rthan Schoonover	Room Temperature (°C):	23.2
Date:	7/7/2015	Liquid Temperature (°C):	20.7
Serial Number:	IASY515S0018	Humidity (%RH):	45.7
Configuration:	INTE5597-3	Bar. Pressure (mb):	1017.4
Comments:	Final Power Setting: 11.0 dBm		

Test 107b
DUT: SKL21-SDS; Type: Tablet/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz);
Frequency: 5230 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 5230 MHz; σ = 5.405 S/m; ε_r = 46.781; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.912 V/m; Power Drift = -0.23 dB
Peak SAR (extrapolated) = 2.89 W/kg
SAR(1 g) = 0.680 W/kg; SAR(10 g) = 0.267 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.33 W/kg

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) = 0.184 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) = 6.172 V/m

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.27 W/kg
Maximum value of SAR (measured) = 0.206 W/kg

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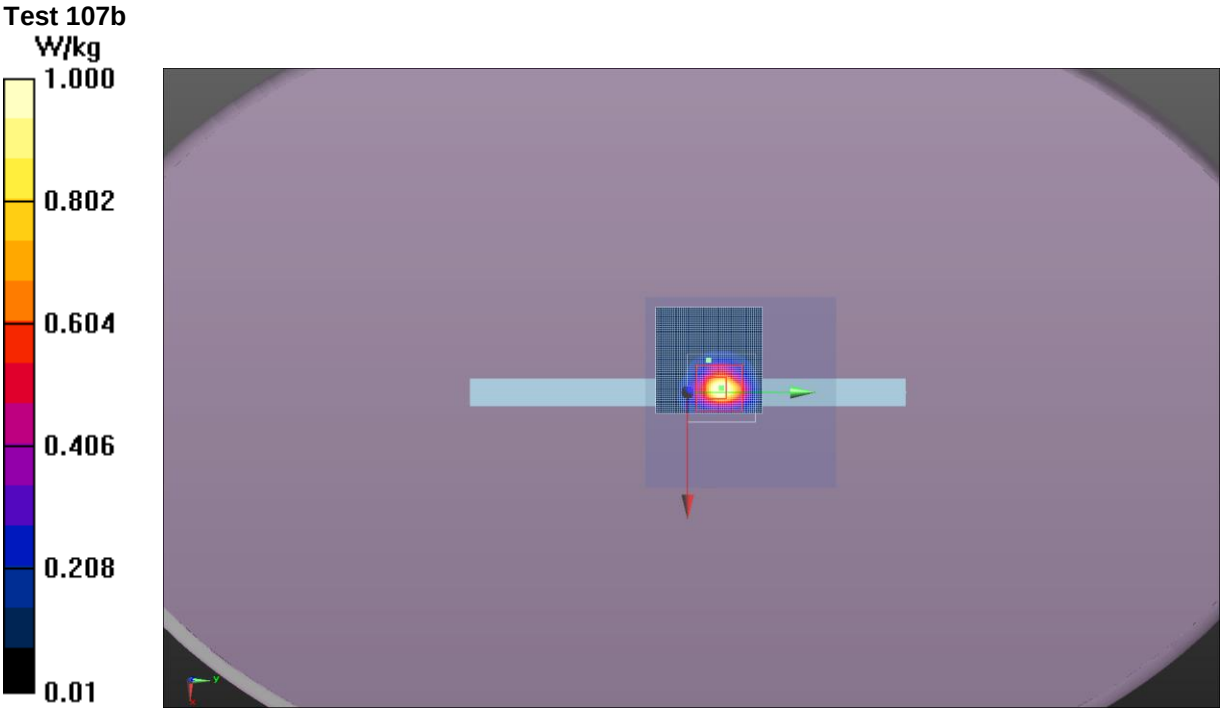
SAR TEST DATA – 5.2 GHz



SAR TEST DATA – 5.2 GHz

Tested By:	Carl Engholm	Room Temperature (°C):	22.1
Date:	7/7/2015	Liquid Temperature (°C):	20.8
Serial Number:	IASY515S0018	Humidity (%RH):	47
Configuration:	INTE5597-1	Bar. Pressure (mb):	1013
Comments:	Final Power Setting: 11.0 dBm		

Test 108a
DUT: SKL21-SDS; Type: Tablet/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz);
Frequency: 5230 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 5230 MHz; σ = 5.405 S/m; ε_r = 46.781; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (9x10x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 6.376 V/m; Power Drift = 0.27 dB
Peak SAR (extrapolated) = 0.460 W/kg
SAR(1 g) = 0.165 W/kg; SAR(10 g) = 0.121 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.229 W/kg

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of Total (measured) = 5.856 V/m

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.250 W/kg
Maximum value of SAR (measured) = 0.185 W/kg

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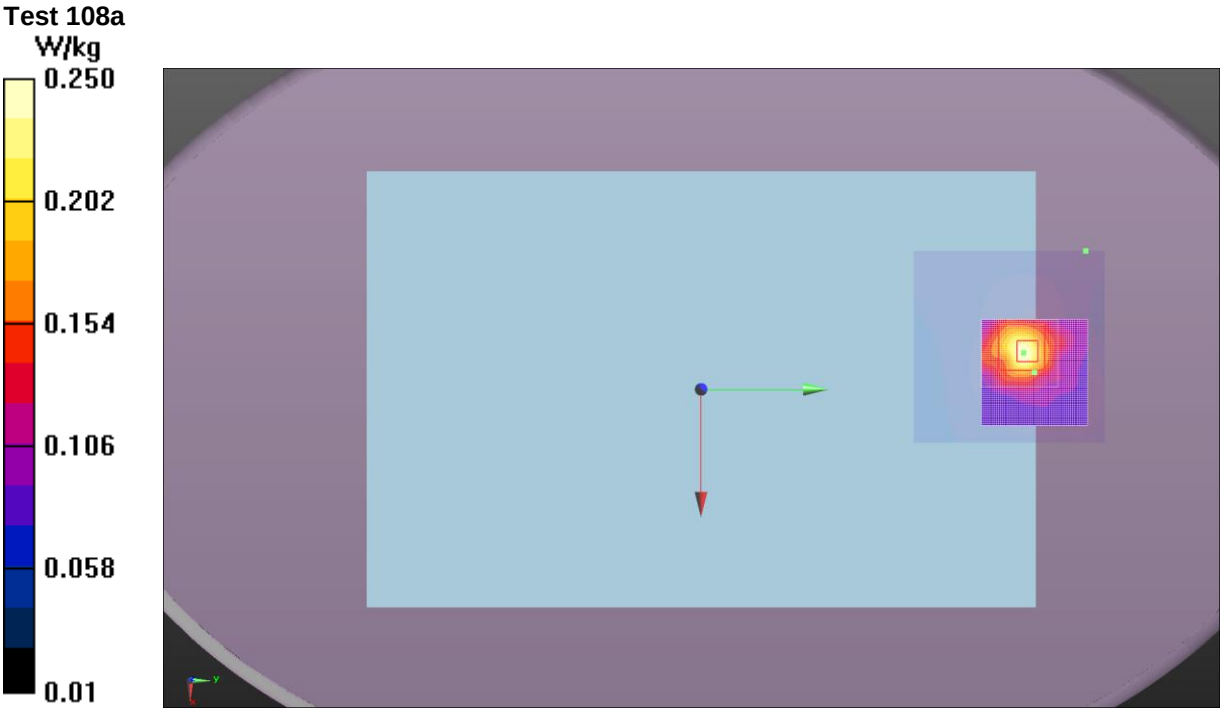
SAR TEST DATA – 5.2 GHz



SAR TEST DATA – 5.2 GHz

Tested By:	Carl Engholm	Room Temperature (°C):	23.2
Date:	6/22/2015	Liquid Temperature (°C):	21.5
Serial Number:	IASY515S0018	Humidity (%RH):	47
Configuration:	INTE5597-2	Bar. Pressure (mb):	1018
Comments:	Final Power Setting: 11.0 dBm		

Test 109
DUT: SKL21-SDS; Type: Tablet/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz);
Frequency: 5210 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 5210 MHz; σ = 5.237 S/m; ε_r = 47.474; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (9x10x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 14.94 V/m; Power Drift = 0.25 dB
Peak SAR (extrapolated) = 2.65 W/kg
SAR(1 g) = 0.677 W/kg; SAR(10 g) = 0.173 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.47 W/kg

Body/Body/Reference scan (21x21x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.26 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) = 6.686 V/m

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.48 W/kg
Maximum value of SAR (measured) = 0.234 W/kg

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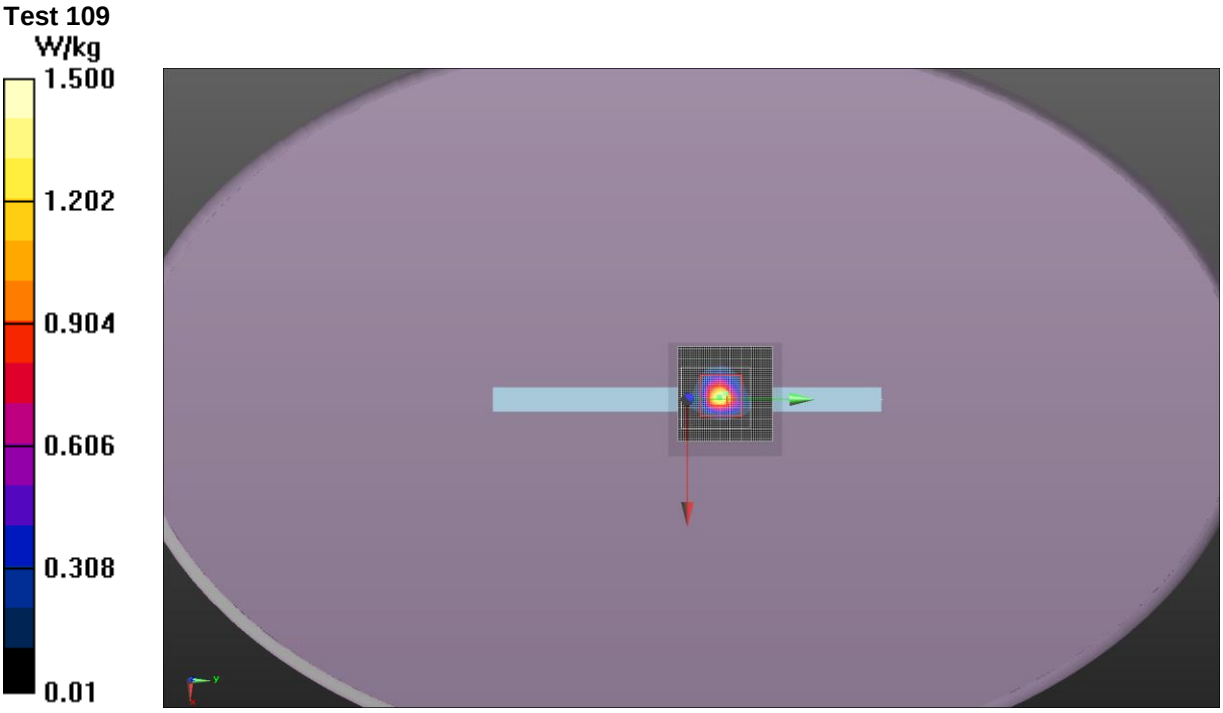
SAR TEST DATA – 5.2 GHz



SAR TEST DATA – 5.2 GHz

Tested By:	Luke Richardson and Ethan Schoonover	Room Temperature (°C):	23.4
Date:	6/19/2015	Liquid Temperature (°C):	22
Serial Number:	IASY515S0018	Humidity (%RH):	40
Configuration:	INTE5597-2	Bar. Pressure (mb):	1020
Comments:	Final Power Setting: 11.0 dBm		

Test 110
DUT: SKL21-SDS; Type: Tablet/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz);
Frequency: 5210 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 5210 MHz; σ = 5.147 S/m; ε_r = 47.665; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 18.14 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 4.42 W/kg
SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.326 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 2.02 W/kg

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) = 0.261 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) = 10.62 V/m

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 2.04 W/kg
Maximum value of SAR (measured) = 0.581 W/kg

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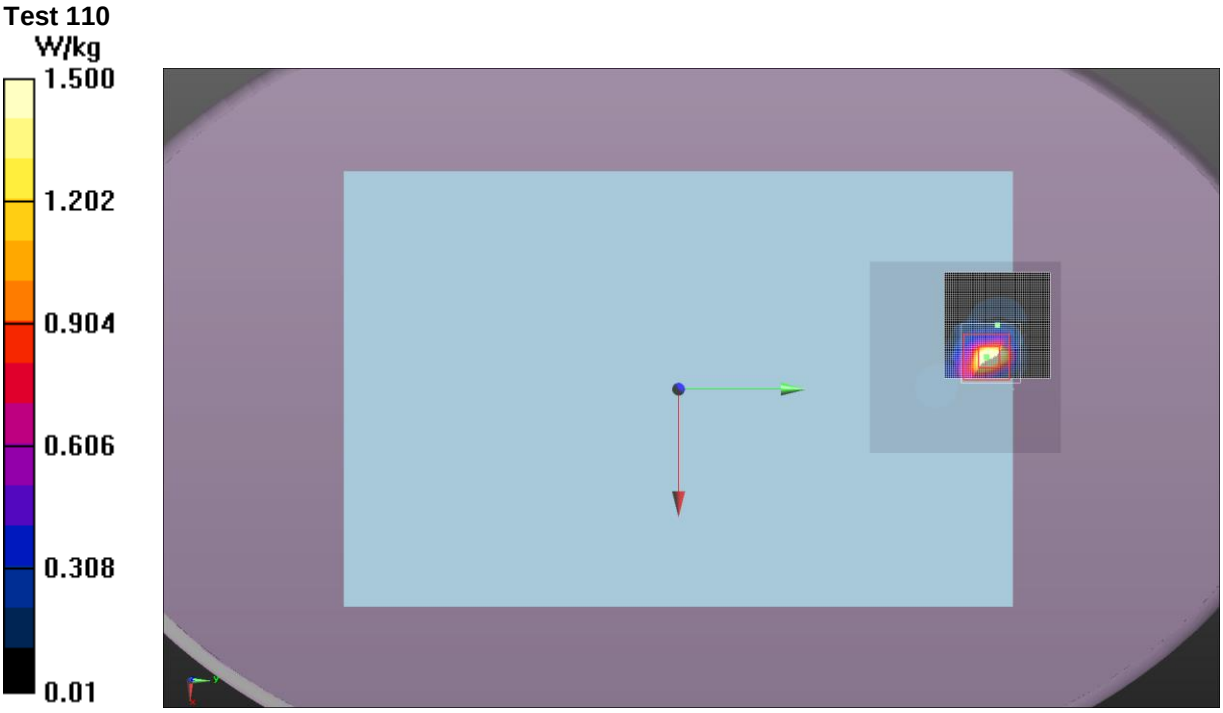
SAR TEST DATA – 5.2 GHz



SAR TEST DATA – 5.2 GHz

Tested By:	Luke Richardson Ethan Schoonover	Room Temperature (°C):	23.3
Date:	7/7/2015	Liquid Temperature (°C):	20.7
Serial Number:	IASY515S0018	Humidity (%RH):	45.6
Configuration:	INTE5597-3	Bar. Pressure (mb):	1017.5
Comments:	Final Power Setting: 11.0 dBm		

Test 111a
DUT: SKL21-SDS; Type: Tablet/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz);
Frequency: 5210 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 5210 MHz; σ = 5.379 S/m; ε_r = 46.909; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.697 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 3.15 W/kg
SAR(1 g) = 0.732 W/kg; SAR(10 g) = 0.275 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.41 W/kg

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) = 0.170 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) = 5.821 V/m

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.32 W/kg
Maximum value of SAR (measured) = 0.182 W/kg

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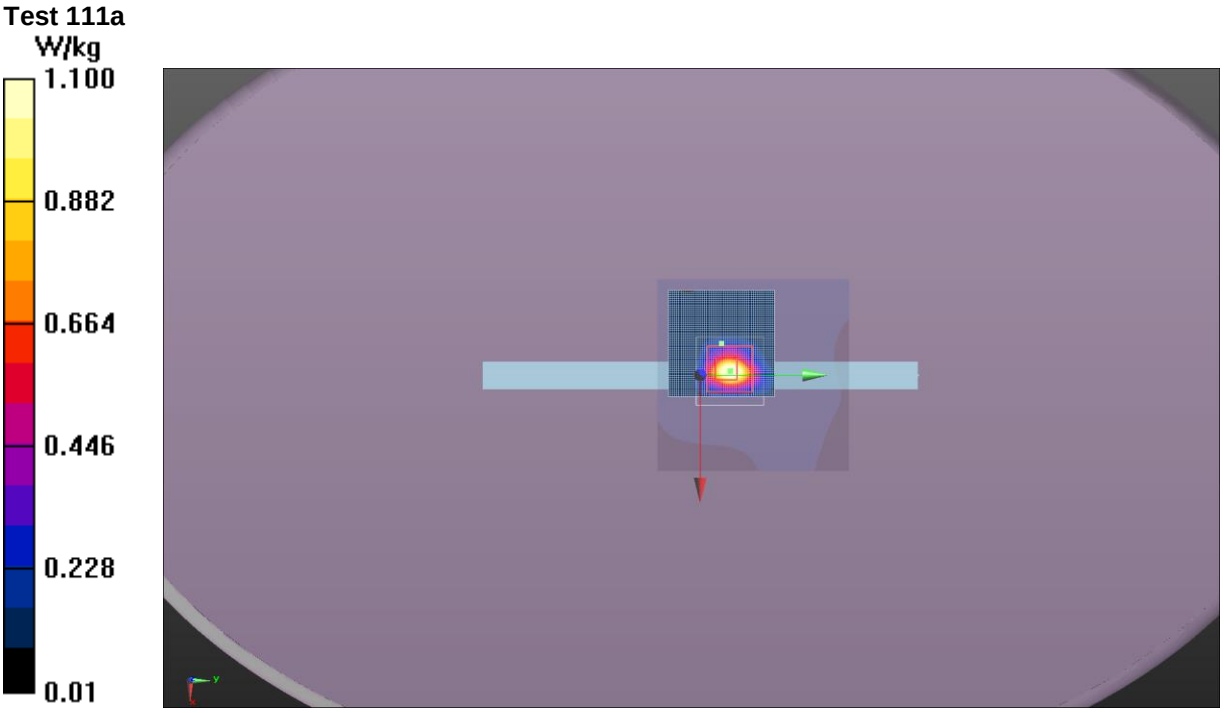
SAR TEST DATA – 5.2 GHz



SAR TEST DATA – 5.2 GHz

Tested By:	Carl Engholm	Room Temperature (°C):	21.9
Date:	7/7/2015	Liquid Temperature (°C):	20.7
Serial Number:	IASY515S0018	Humidity (%RH):	46
Configuration:	INTE5597-1	Bar. Pressure (mb):	1013
Comments:	Final Power Setting: 11.0 dBm		

Test 112a
DUT: SKL21-SDS; Type: Tablet/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz);
Frequency: 5210 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 5210 MHz; σ = 5.379 S/m; ε_r = 46.909; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (9x10x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 6.718 V/m; Power Drift = 0.34 dB
Peak SAR (extrapolated) = 0.551 W/kg
SAR(1 g) = 0.199 W/kg; SAR(10 g) = 0.137 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.267 W/kg

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) = 0.138 W/kg

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

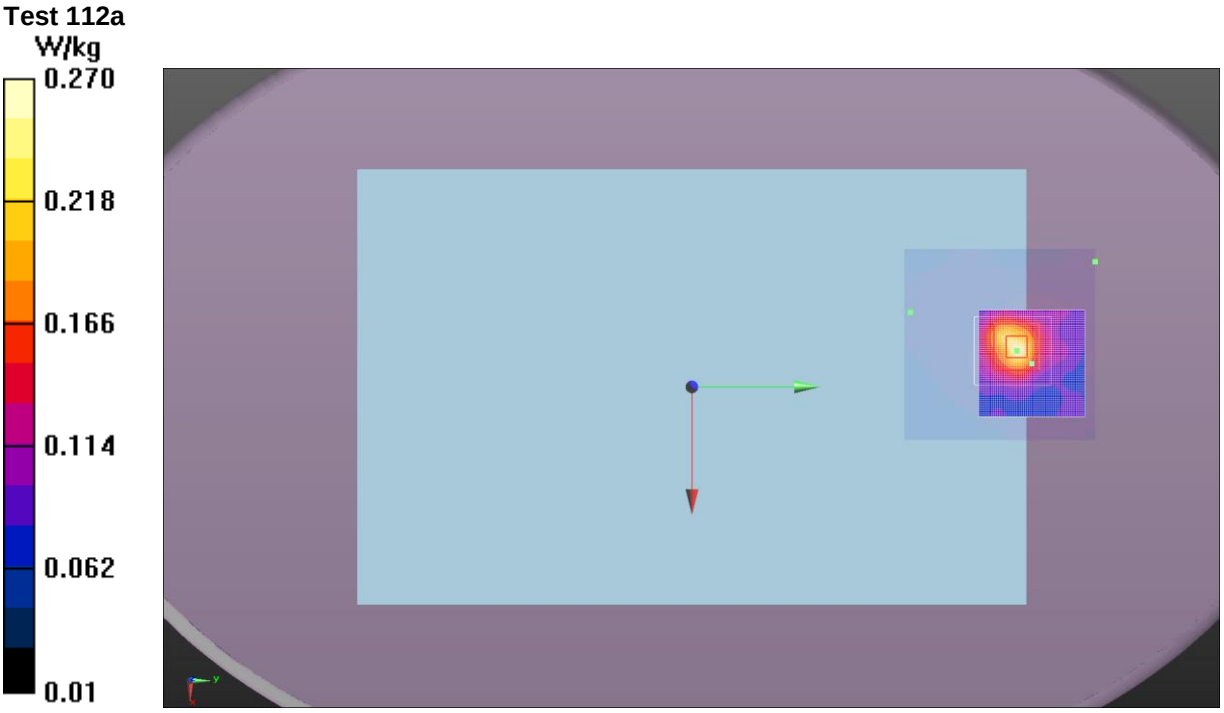
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of Total (measured) = 5.935 V/m

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.267 W/kg
Maximum value of SAR (measured) = 0.189 W/kg

Approved By

SAR TEST DATA – 5.2 GHz



SAR TEST DATA – 5.2 GHz

Tested By:	Luke Richardson and Ethan Schoonover	Room Temperature (°C):	23.6
Date:	6/23/2015	Liquid Temperature (°C):	21.5
Serial Number:	IASY515S0018	Humidity (%RH):	39.9
Configuration:	INTE5597-4	Bar. Pressure (mb):	1019
Comments:	Final Power Setting: 12.5 dBm		

Test 113
DUT: SKL21-SDS; Type: Tablet/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz);
Frequency: 5200 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 5200 MHz; σ = 5.223 S/m; ε_r = 47.452; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (9x10x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 19.50 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 5.18 W/kg
SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.280 W/kg
Maximum value of SAR (measured) = 2.44 W/kg

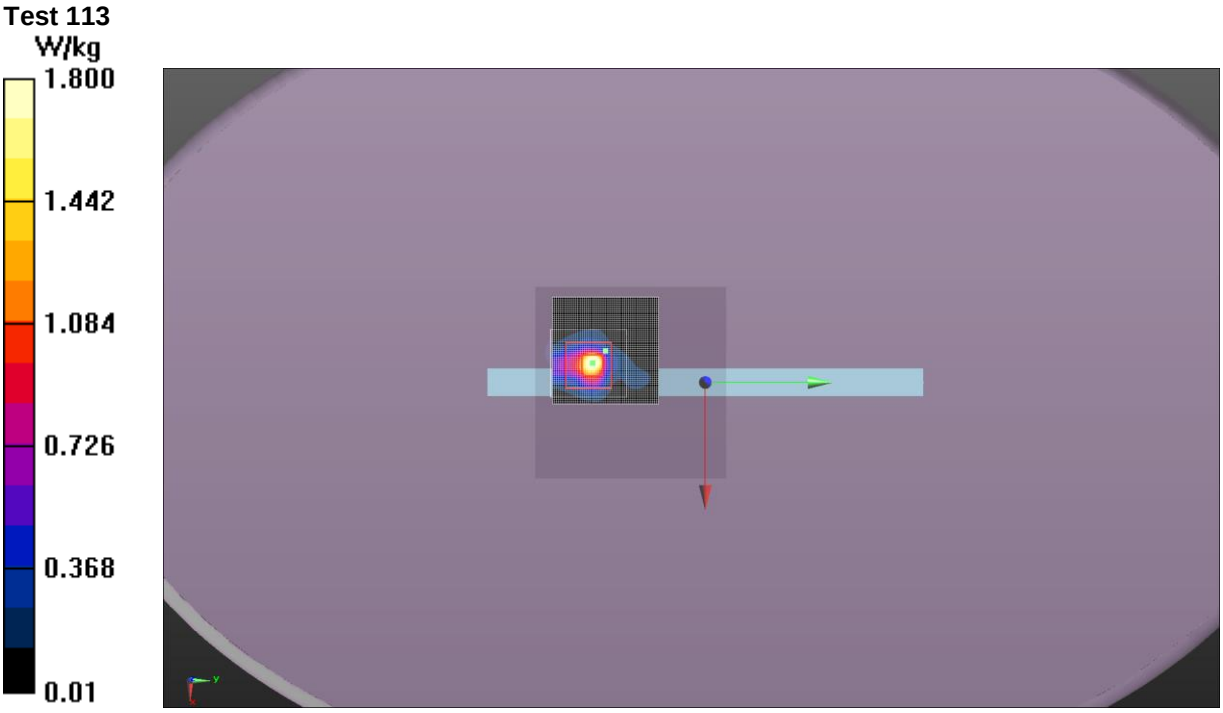
Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm
Maximum value of SAR (interpolated) = 0.751 W/kg

Body/Body/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of Total (measured) = 8.775 V/m

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.26 W/kg
Maximum value of SAR (measured) = 0.402 W/kg

Approved By

SAR TEST DATA – 5.2 GHz



SAR TEST DATA – 5.2 GHz

Tested By:	Luke Richardson and Ethan Schoonover	Room Temperature (°C):	23.8
Date:	6/23/2015	Liquid Temperature (°C):	21.4
Serial Number:	IASY515S0018	Humidity (%RH):	38.5
Configuration:	INTE5597-4	Bar. Pressure (mb):	1019
Comments:	Final Power Setting: 12.5 dBm		

Test 113a
DUT: SKL21-SDS; Type: Tablet/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz);
Frequency: 5240 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 5240 MHz; σ = 5.27 S/m; ε_r = 47.574; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (9x10x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 17.40 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 4.27 W/kg
SAR(1 g) = 0.921 W/kg; SAR(10 g) = 0.228 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.99 W/kg

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) = 0.357 W/kg

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

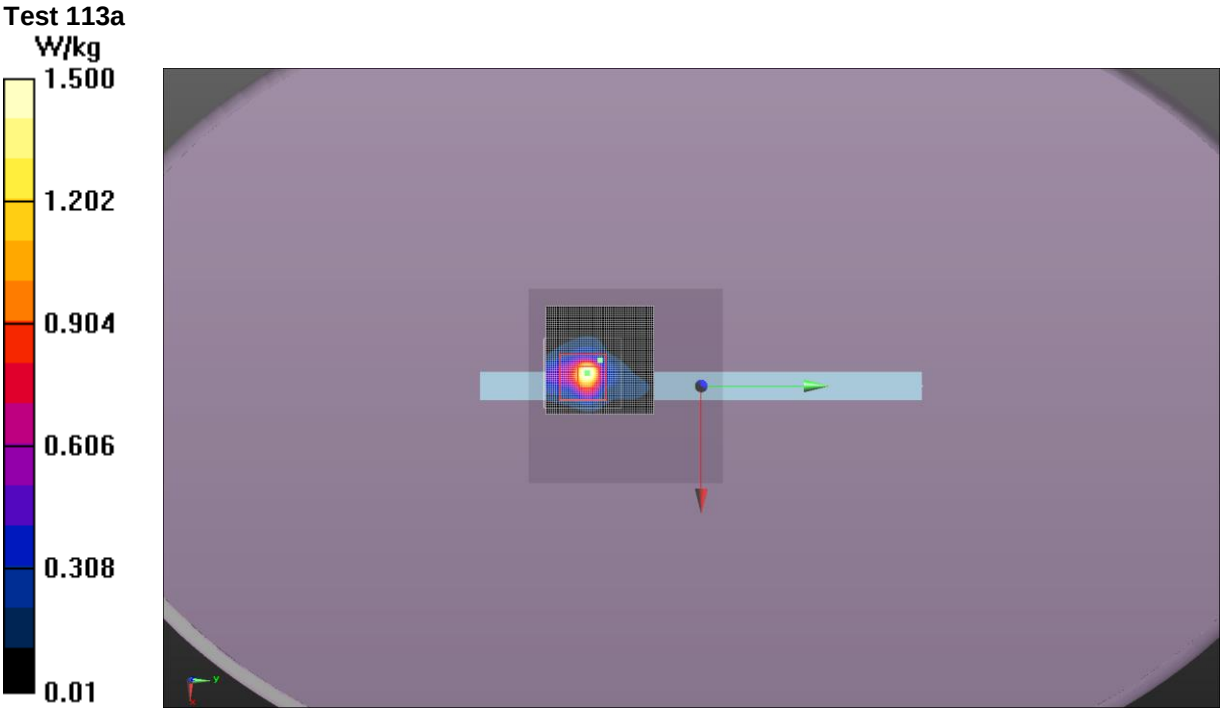
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of Total (measured) = 7.904 V/m

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.88 W/kg
Maximum value of SAR (measured) = 0.329 W/kg

Approved By

SAR TEST DATA – 5.2 GHz



SAR TEST DATA – 5.2 GHz

Tested By:	Luke Richardson and Ethan Schoonover	Room Temperature (°C):	23.2
Date:	6/25/2015	Liquid Temperature (°C):	21.5
Serial Number:	IASY515S0018	Humidity (%RH):	46.4
Configuration:	INTE5597-4	Bar. Pressure (mb):	1020.1
Comments:	Final Power Setting: 11.0 dBm		

Test 113c
DUT: SKL21-SDS; Type: Tablet/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz);
Frequency: 5180 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 5180 MHz; σ = 5.208 S/m; ε_r = 47.447; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 16.02 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 3.44 W/kg
SAR(1 g) = 0.757 W/kg; SAR(10 g) = 0.186 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.62 W/kg

Body/Body/Reference scan (21x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.558 W/kg

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

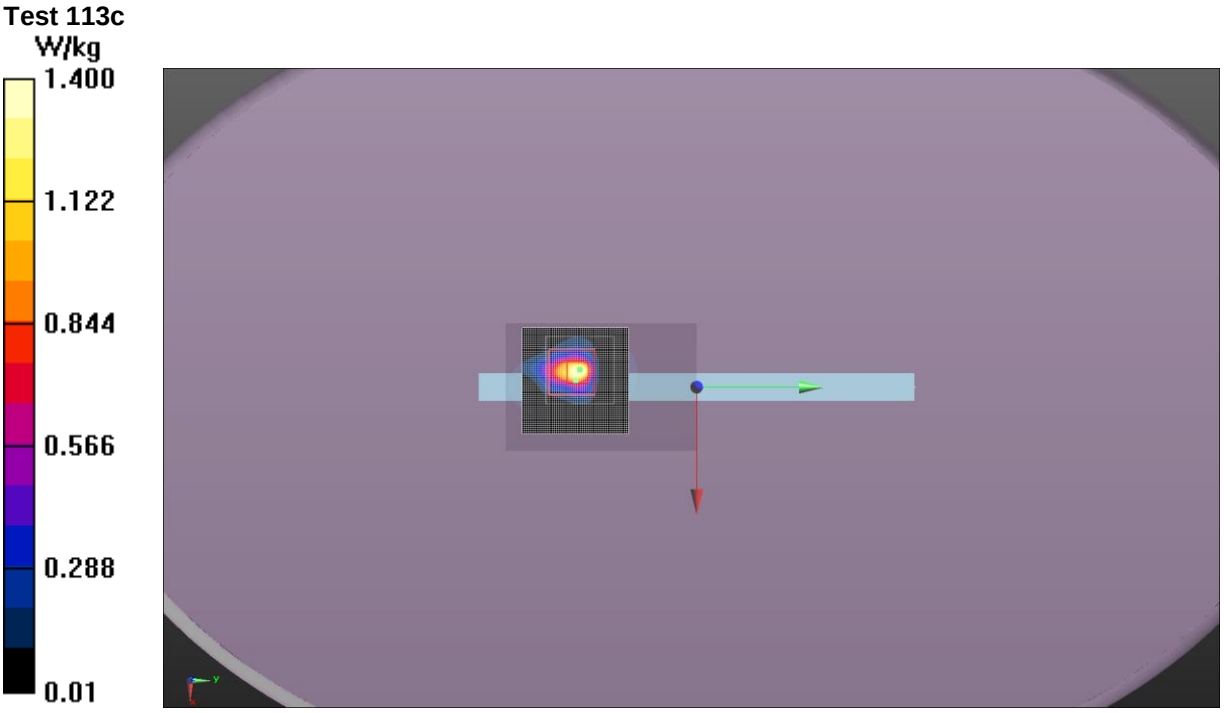
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of Total (measured) = 7.356 V/m

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.50 W/kg
Maximum value of SAR (measured) = 0.282 W/kg

Approved By

SAR TEST DATA – 5.2 GHz



SAR TEST DATA – 5.2 GHz

Tested By:	Luke Richardson and Ethan Schoonover	Room Temperature (°C):	23.7
Date:	6/22/2015	Liquid Temperature (°C):	21.3
Serial Number:	IASY515S0018	Humidity (%RH):	42.1
Configuration:	INTE5597-2	Bar. Pressure (mb):	1019.9
Comments:	Final Power Setting: 12.5 dBm		

Test 114d
DUT: SKL21-SDS; Type: Tablet/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz);
Frequency: 5240 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 5240 MHz; σ = 5.27 S/m; ε_r = 47.574; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 20.92 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 6.34 W/kg
SAR(1 g) = 1.45 W/kg; SAR(10 g) = 0.478 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 2.91 W/kg

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

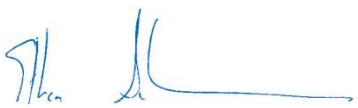
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.761 W/kg

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) = 11.52 V/m

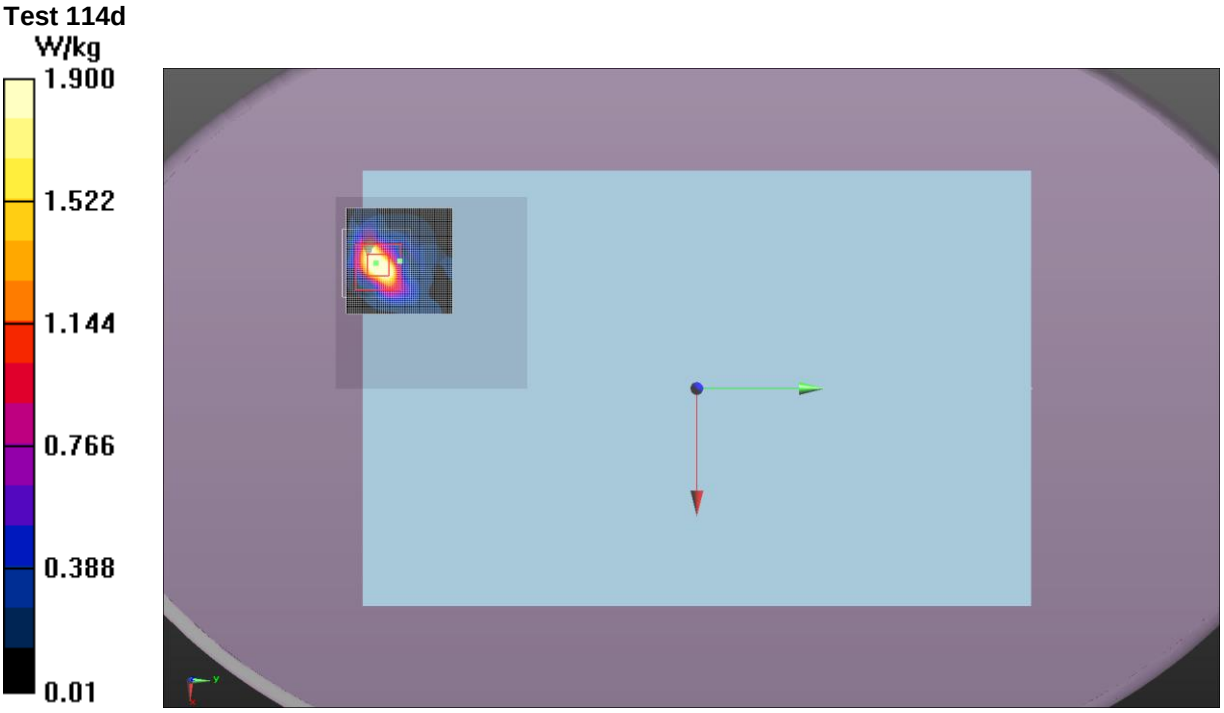
Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 2.59 W/kg
Maximum value of SAR (measured) = 0.699 W/kg



Approved By

SAR TEST DATA – 5.2 GHz



SAR TEST DATA – 5.2 GHz

Tested By:	Luke Richardson and Ethan Schoonover	Room Temperature (°C):	23.7
Date:	6/22/2015	Liquid Temperature (°C):	21.4
Serial Number:	IASY515S0018	Humidity (%RH):	42.8
Configuration:	INTE5597-2	Bar. Pressure (mb):	1019.5
Comments:	Final Power Setting: 12.5 dBm		

Test 114e
DUT: SKL21-SDS; Type: Tablet/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5200 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 5200 MHz; σ = 5.223 S/m; ε_r = 47.452; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 21.20 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 6.34 W/kg
SAR(1 g) = 1.46 W/kg; SAR(10 g) = 0.479 W/kg
Maximum value of SAR (measured) = 2.97 W/kg

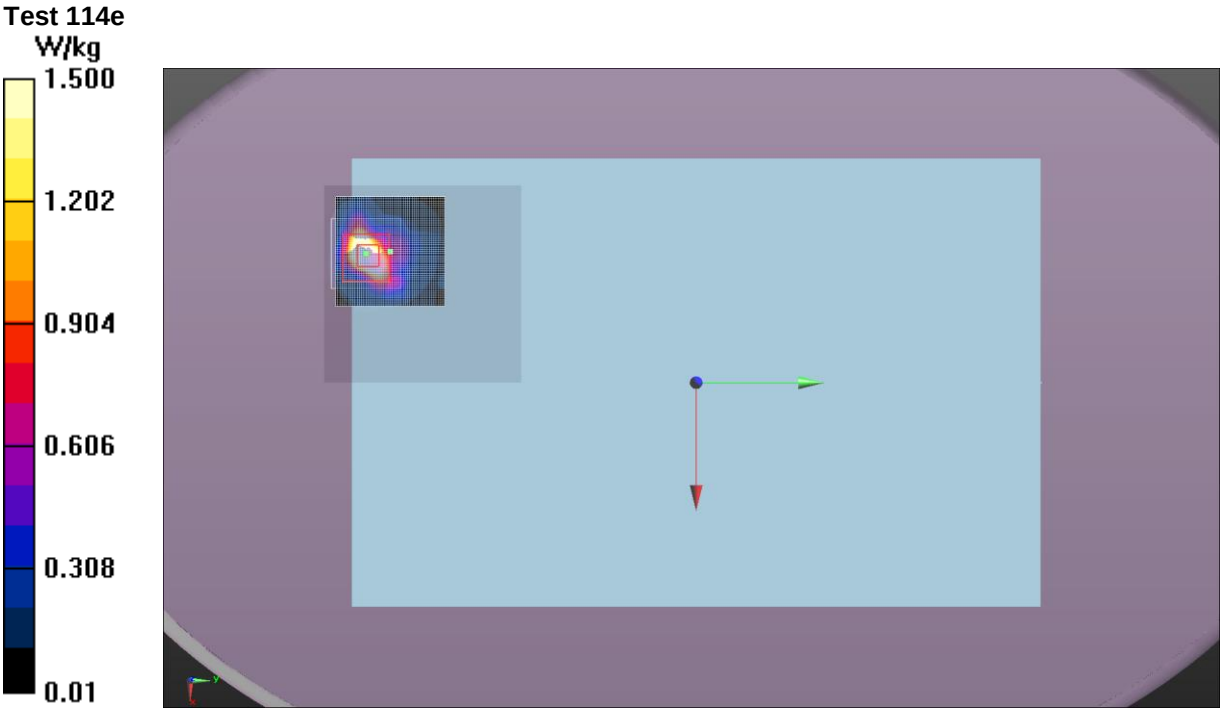
Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm
Maximum value of SAR (interpolated) = 0.797 W/kg

Body/Body/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of Total (measured) = 11.72 V/m

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.66 W/kg
Maximum value of SAR (measured) = 0.717 W/kg

Approved By

SAR TEST DATA – 5.2 GHz



SAR TEST DATA – 5.2 GHz

NORTHWEST EMC
WSTD.2013.09.09

Tested By:	Carl Engholm	Room Temperature (°C):	24.2
Date:	6/23/2015	Liquid Temperature (°C):	21.3
Serial Number:	IASY515S0018	Humidity (%RH):	46
Configuration:	INTE5597-2	Bar. Pressure (mb):	1017
Comments:	Final Power Setting: 11.0 dBm		

Test 114g
DUT: SKL21-SDS; Type: Tablet/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz);
Frequency: 5180 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 5180 MHz; σ = 5.133 S/m; ε_r = 47.414; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 20.04 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 5.41 W/kg
SAR(1 g) = 1.23 W/kg; SAR(10 g) = 0.417 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 2.50 W/kg

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) = 0.809 W/kg

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

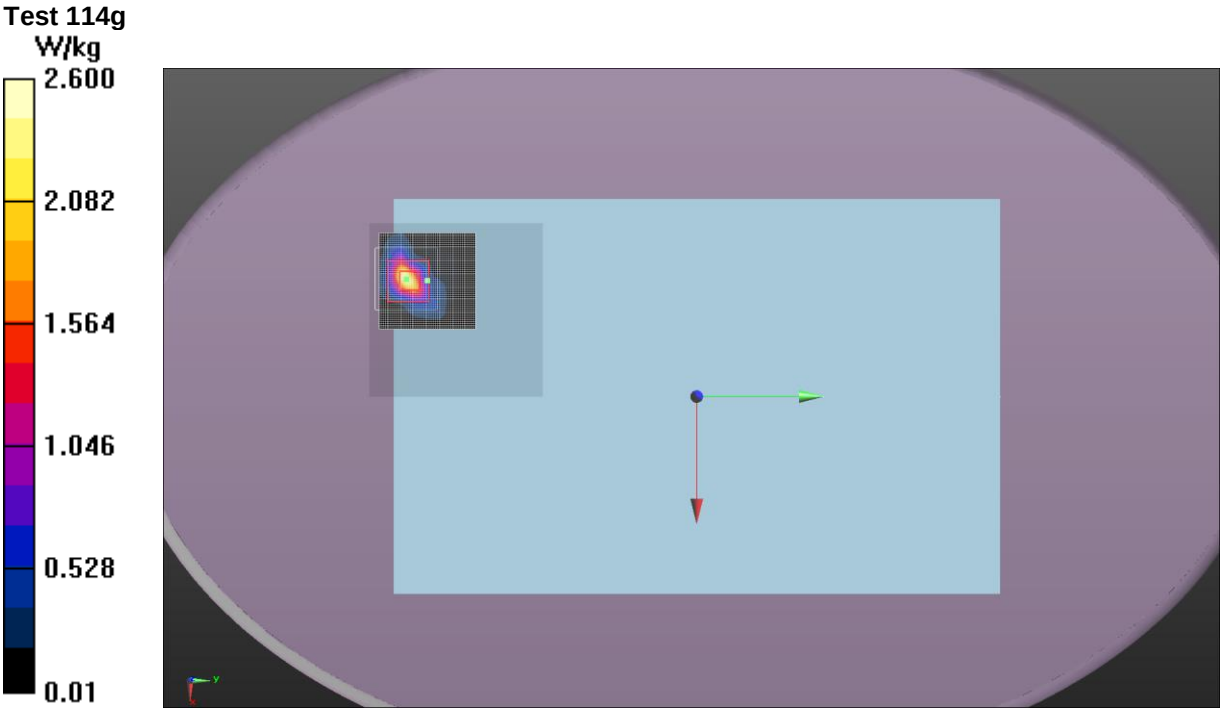
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of Total (measured) = 11.13 V/m

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 2.61 W/kg
Maximum value of SAR (measured) = 0.636 W/kg

Approved By

SAR TEST DATA – 5.2 GHz



SAR TEST DATA – 5.2 GHz

NORTHWEST EMC
WSTD.2013.09.09

Tested By:	Carl Engholm	Room Temperature (°C):	23.3
Date:	7/7/2015	Liquid Temperature (°C):	20.9
Serial Number:	IASY515S0018	Humidity (%RH):	42
Configuration:	INTE5597-5	Bar. Pressure (mb):	1013
Comments:	Final Power Setting: 12.5 dBm		

Test 115c
DUT: SKL21-SDS; Type: Tablet/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz);
Frequency: 5200 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 5200 MHz; σ = 5.369 S/m; ε_r = 46.992; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 15.49 V/m; Power Drift = 0.25 dB
Peak SAR (extrapolated) = 2.53 W/kg
SAR(1 g) = 0.711 W/kg; SAR(10 g) = 0.207 W/kg
Maximum value of SAR (measured) = 1.20 W/kg

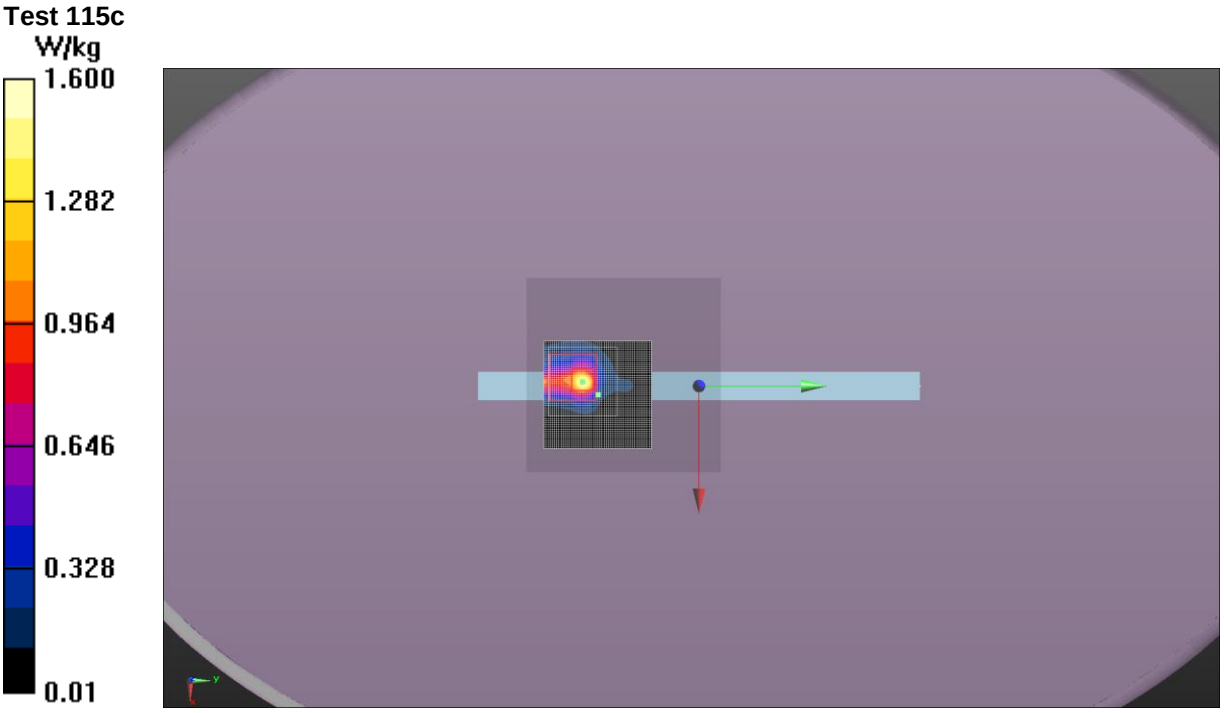
Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm
Maximum value of SAR (interpolated) = 0.296 W/kg

Body/Body/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of Total (measured) = 8.135 V/m

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.62 W/kg
Maximum value of SAR (measured) = 0.355 W/kg

Approved By

SAR TEST DATA – 5.2 GHz



SAR TEST DATA – 5.2 GHz

Tested By:	Carl Engholm	Room Temperature (°C):	22.5
Date:	7/7/2015	Liquid Temperature (°C):	20.8
Serial Number:	IASY515S0018	Humidity (%RH):	54
Configuration:	INTE5597-1	Bar. Pressure (mb):	1013
Comments:	Final Power Setting: 13.5 dBm		

Test 116d
DUT: SKL21-SDS; Type: Tablet/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz);
Frequency: 5200 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 5200 MHz; σ = 5.369 S/m; ε_r = 46.992; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 11.17 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 1.53 W/kg
SAR(1 g) = 0.470 W/kg; SAR(10 g) = 0.229 W/kg
Maximum value of SAR (measured) = 0.795 W/kg

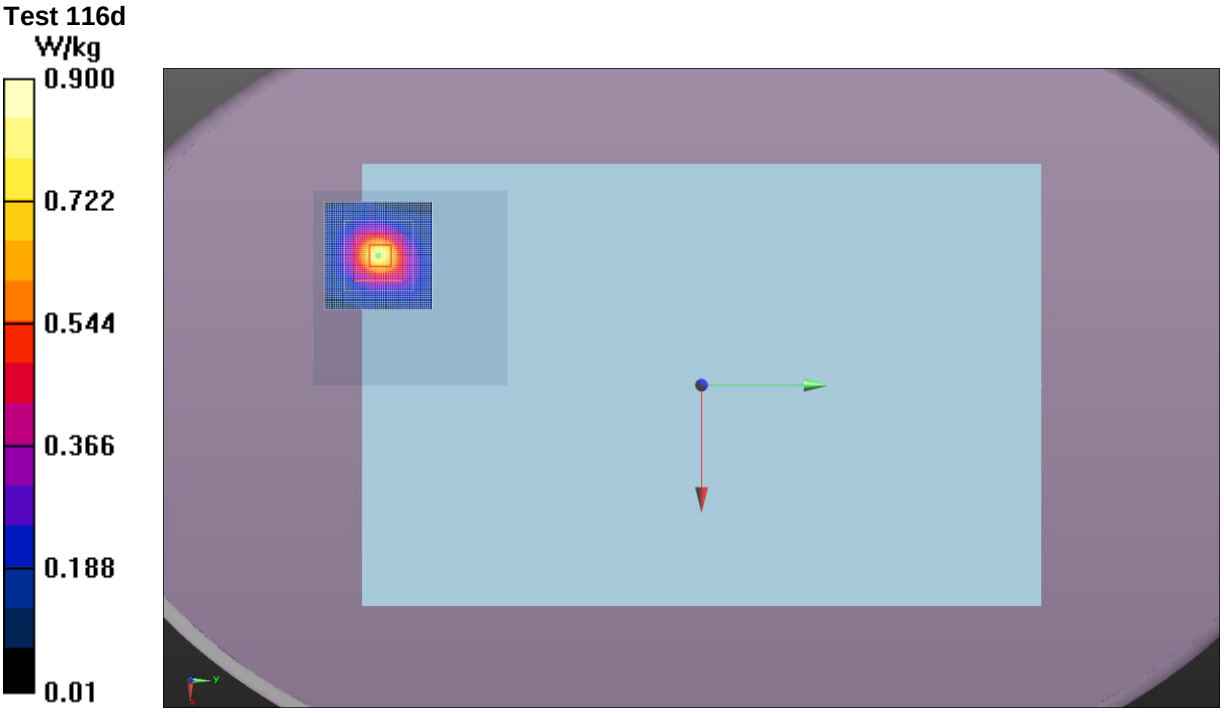
Body/Body/Reference scan (31x31x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm
Maximum value of SAR (interpolated) = 0.801 W/kg

Body/Body/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of Total (measured) = 7.020 V/m

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.871 W/kg
Maximum value of SAR (measured) = 0.265 W/kg

Approved By

SAR TEST DATA – 5.2 GHz



SAR TEST DATA – 5.2 GHz

Tested By:	Carl Engholm	Room Temperature (°C):	24.7
Date:	6/23/2015	Liquid Temperature (°C):	21.8
Serial Number:	IASY515S0018	Humidity (%RH):	43
Configuration:	INTE5597-4	Bar. Pressure (mb):	1017
Comments:	Final Power Setting: 12.5 dBm		

Test 117
DUT: SKL21-SDS; Type: Tablet/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz);
Frequency: 5230 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 5230 MHz; σ = 5.263 S/m; ε_r = 47.53; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (9x10x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 17.17 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 4.02 W/kg
SAR(1 g) = 0.883 W/kg; SAR(10 g) = 0.216 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.95 W/kg

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) = 1.03 W/kg

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

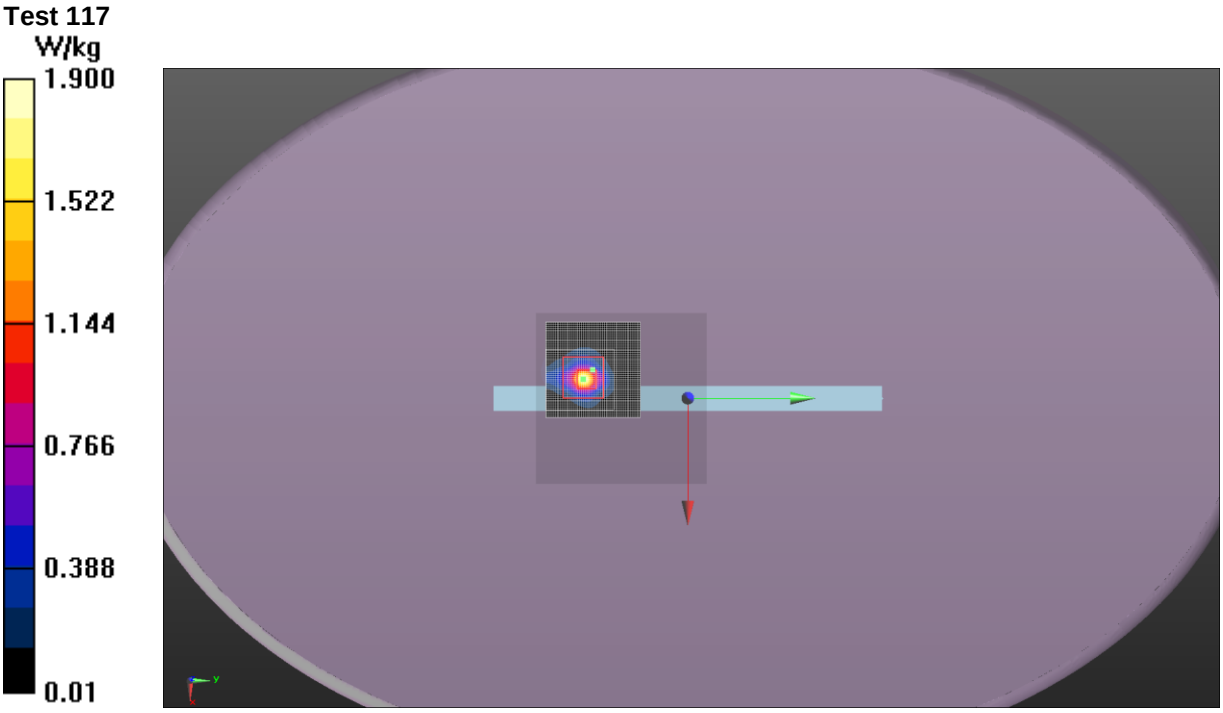
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of Total (measured) = 7.806 V/m

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.94 W/kg
Maximum value of SAR (measured) = 0.321 W/kg

Approved By

SAR TEST DATA – 5.2 GHz



SAR TEST DATA – 5.2 GHz

Tested By:	Carl Engholm	Room Temperature (°C):	24.4
Date:	6/23/2015	Liquid Temperature (°C):	21.9
Serial Number:	IASY515S0018	Humidity (%RH):	43
Configuration:	INTE5597-4	Bar. Pressure (mb):	1017
Comments:	Final Power Setting: 12.5 dBm		

Test 117a
DUT: SKL21-SDS; Type: Tablet/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz);
Frequency: 5190 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 5190 MHz; σ = 5.178 S/m; ε_r = 47.433; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (9x10x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 19.32 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 4.95 W/kg
SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.275 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 2.42 W/kg

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) = 1.21 W/kg

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

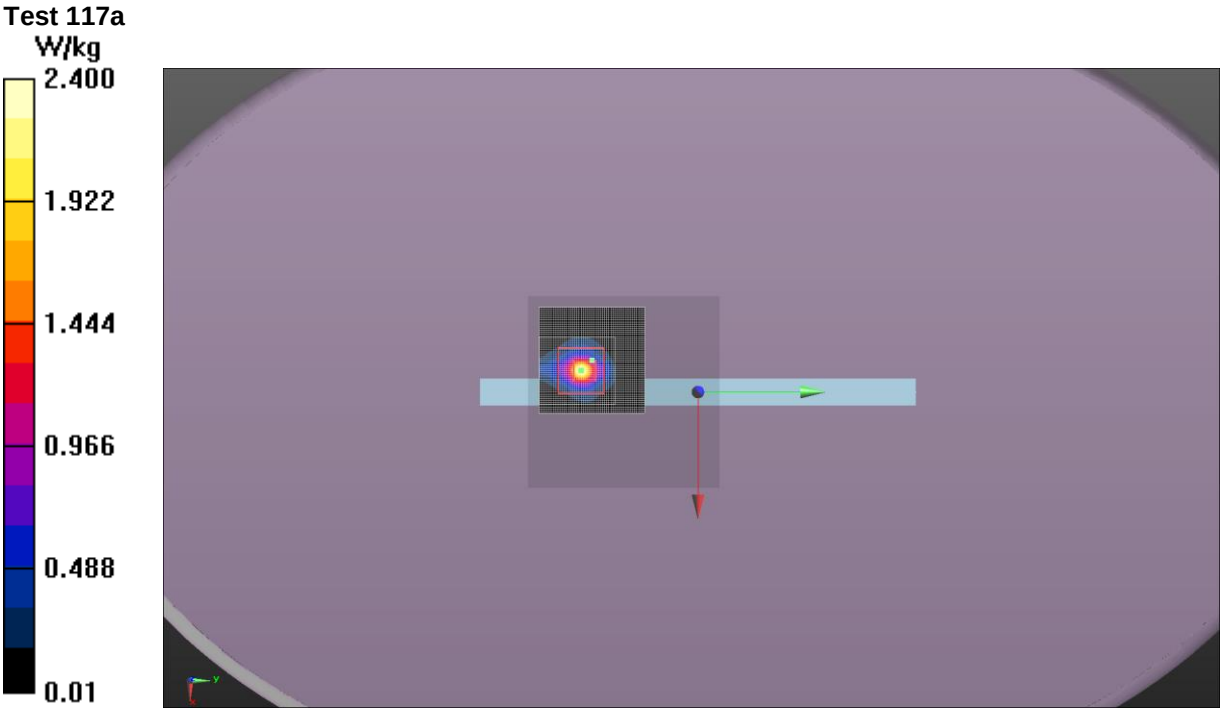
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of Total (measured) = 8.820 V/m

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 2.39 W/kg
Maximum value of SAR (measured) = 0.403 W/kg

Approved By

SAR TEST DATA – 5.2 GHz



SAR TEST DATA – 5.2 GHz

Tested By:	Luke Richardson and Ethan Schoonover	Room Temperature (°C):	23.8
Date:	6/22/2015	Liquid Temperature (°C):	21.5
Serial Number:	IASY515S0018	Humidity (%RH):	41.8
Configuration:	INTE5597-2	Bar. Pressure (mb):	1019
Comments:	Final Power Setting: 12.5 dBm		

Test 118a
DUT: SKL21-SDS; Type: Tablet/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz);
Frequency: 5230 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 5230 MHz; σ = 5.263 S/m; ε_r = 47.53; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 21.82 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 6.41 W/kg
SAR(1 g) = 1.47 W/kg; SAR(10 g) = 0.472 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 2.95 W/kg

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) = 1.04 W/kg

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

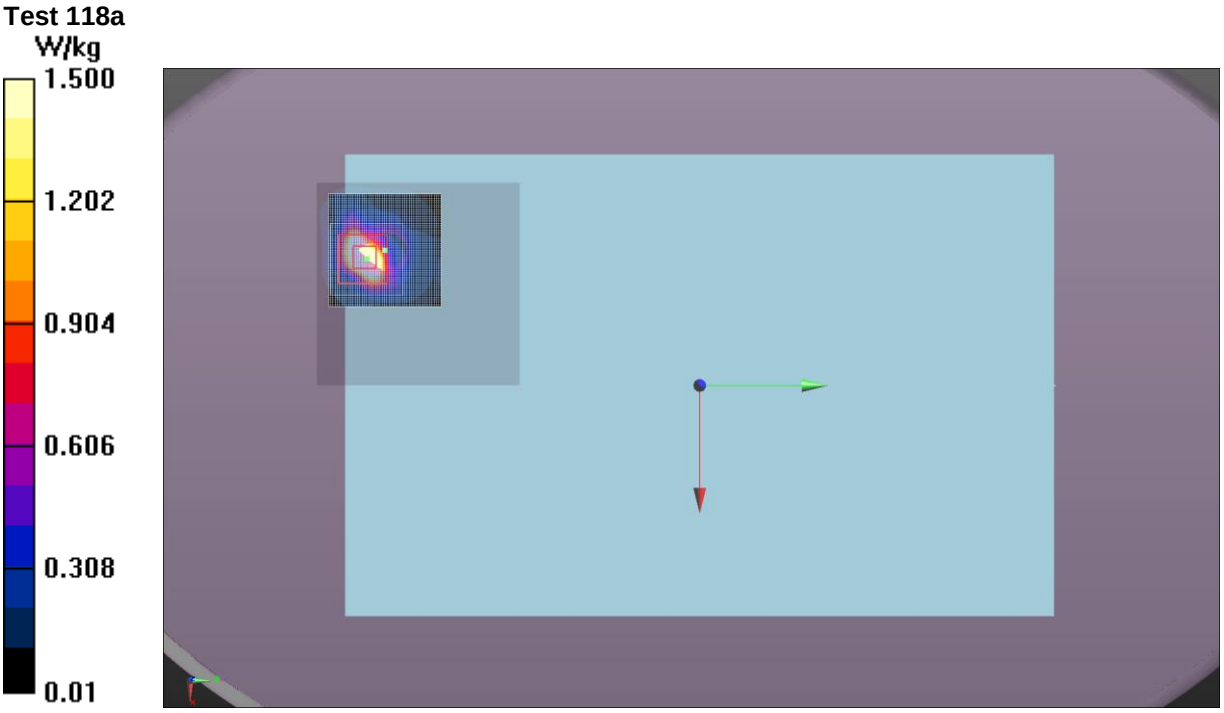
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of Total (measured) = 12.51 V/m

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 2.70 W/kg

Approved By

SAR TEST DATA – 5.2 GHz



SAR TEST DATA – 5.2 GHz

Tested By:	Ethan Schoonover and Luke Richardson	Room Temperature (°C):	23.3°C
Date:	6/22/2015 3:45:51 PM	Liquid Temperature (°C):	21.6°C
Serial Number:	IASY515S0018	Humidity (%RH):	40.5%
Configuration:	INTE5597-2	Bar. Pressure (mb):	1019 mb
Comments:	Final Power Setting: 12.0 dBm		

Test 118b
DUT: SKL21-SDS; Type: Tablet/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz);
Frequency: 5190 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 5190 MHz; σ = 5.178 S/m; ε_r = 47.433; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 19.89 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 5.30 W/kg
SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.415 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 2.51 W/kg

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) = 0.903 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) = 11.25 V/m

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 2.36 W/kg

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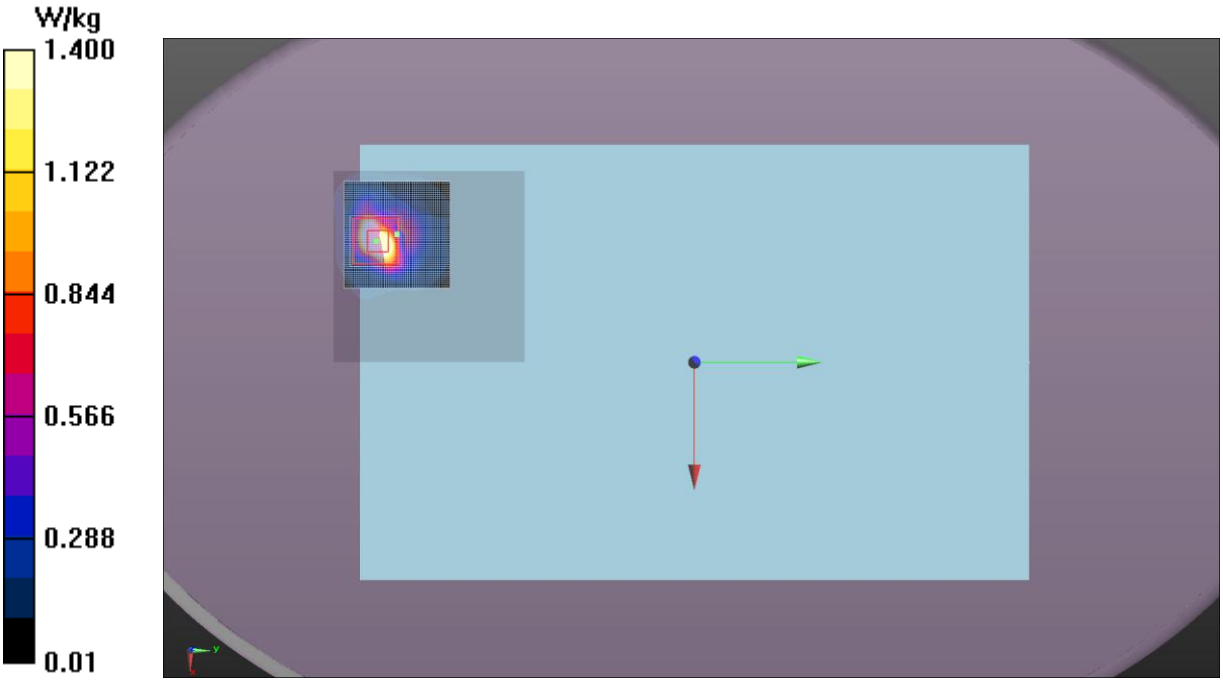
SAR TEST DATA – 5.2 GHz

Test 118b



SAR TEST DATA – 5.2 GHz

Tested By:	Luke Richardson and Ethan Schoonover	Room Temperature (°C):	24.2
Date:	7/13/2015	Liquid Temperature (°C):	21.4
Serial Number:	IASY515S0018	Humidity (%RH):	43
Configuration:	INTE5597-2	Bar. Pressure (mb):	1018.5
Comments:	Final Power Setting: 12.5 dBm		

Test 118e
DUT: SKL21-SDS; Type: Tablet/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz);
Frequency: 5230 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 5230 MHz; σ = 5.356 S/m; ε_r = 47.359; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 17.34 V/m; Power Drift = 1.43 dB
Peak SAR (extrapolated) = 6.40 W/kg
SAR(1 g) = 1.39 W/kg; SAR(10 g) = 0.471 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 2.67 W/kg

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) = 0.711 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) = 10.25 V/m

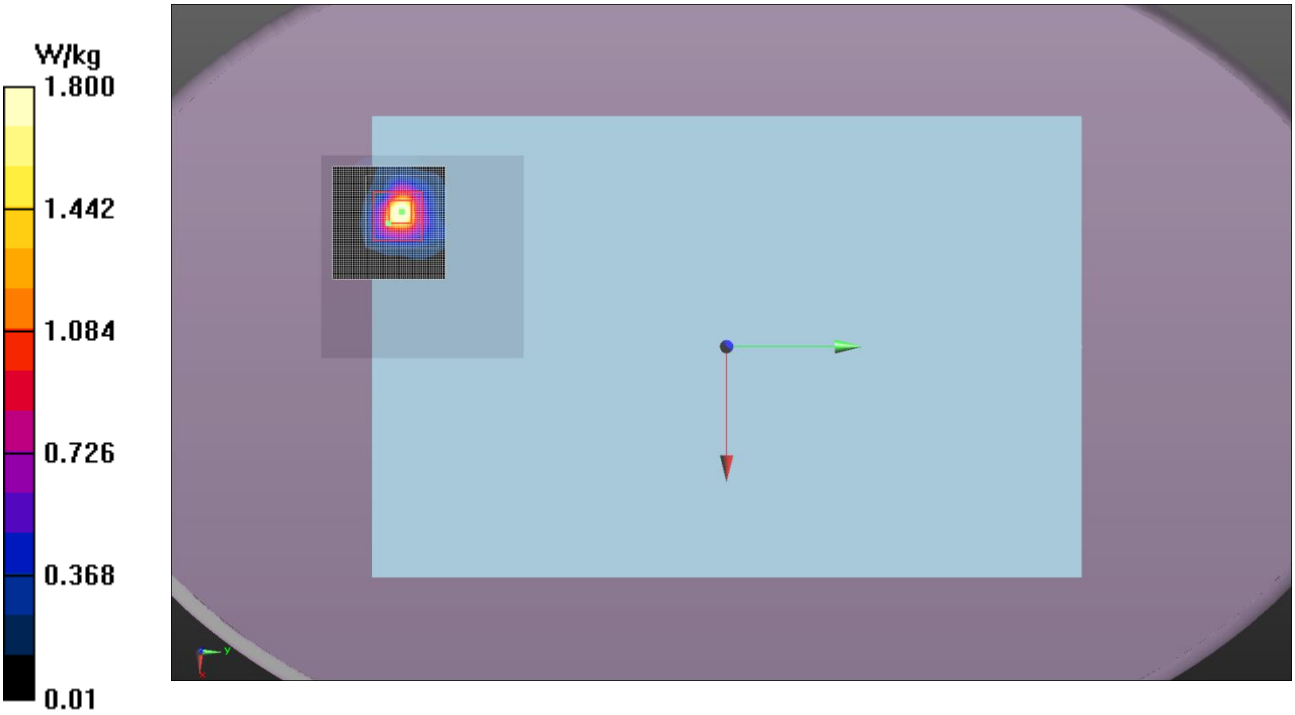
Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 2.30 W/kg
Maximum value of SAR (measured) = 0.563 W/kg

Approved By

SAR TEST DATA – 5.2 GHz

Test 118e



SAR TEST DATA – 5.2 GHz

Tested By:	Ethan Schoonover and Luke Richardson	Room Temperature (°C):	24.3°C
Date:	7/13/2015 3:15:07 PM	Liquid Temperature (°C):	21.8°C
Serial Number:	IASY515S0018	Humidity (%RH):	41.5%
Configuration:	INTE5597-2	Bar. Pressure (mb):	1017.9 mb
Comments:	Final Power Setting: 12.5 dBm		

Test 118f
DUT: SKL21-SDS; Type: Tablet/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz);
Frequency: 5230 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 5230 MHz; σ = 5.356 S/m; ε_r = 47.359; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 21.97 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 6.16 W/kg
SAR(1 g) = 1.53 W/kg; SAR(10 g) = 0.517 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 3.06 W/kg

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) = 2.03 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) = 10.80 V/m

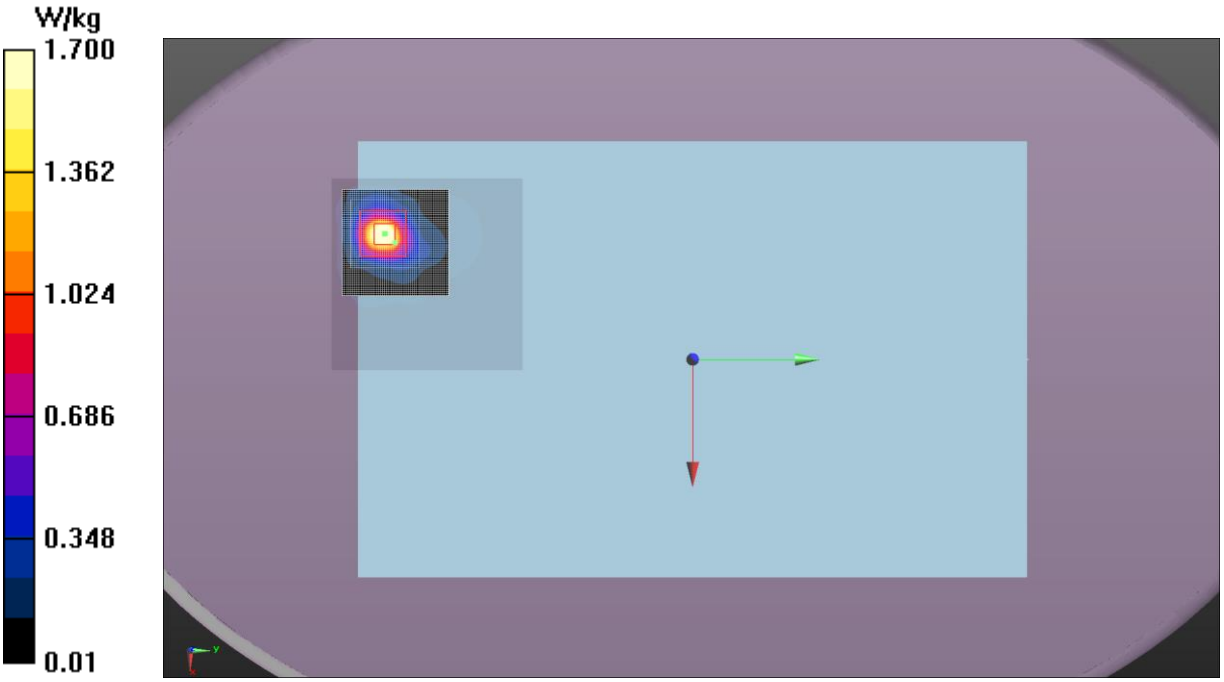
Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 2.25 W/kg
Maximum value of SAR (measured) = 0.625 W/kg

Approved By

SAR TEST DATA – 5.2 GHz

Test 118f



SAR TEST DATA – 5.2 GHz

Tested By:	Ethan Schoonover and Luke Richardson	Room Temperature (°C):	23.2°C
Date:	7/14/2015 8:59:33 AM	Liquid Temperature (°C):	22.1°C
Serial Number:	IASY515S0018	Humidity (%RH):	44.4%
Configuration:	INTE5597-2	Bar. Pressure (mb):	1017.8 mb
Comments:	Final Power Setting: 12.5 dBm		

Test 118n
DUT: SKL21-SDS; Type: Tablet/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz);
Frequency: 5230 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 5230 MHz; σ = 5.356 S/m; ε_r = 47.359; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 21.36 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 5.92 W/kg
SAR(1 g) = 1.48 W/kg; SAR(10 g) = 0.498 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 2.98 W/kg

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) = 1.81 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) = 10.32 V/m

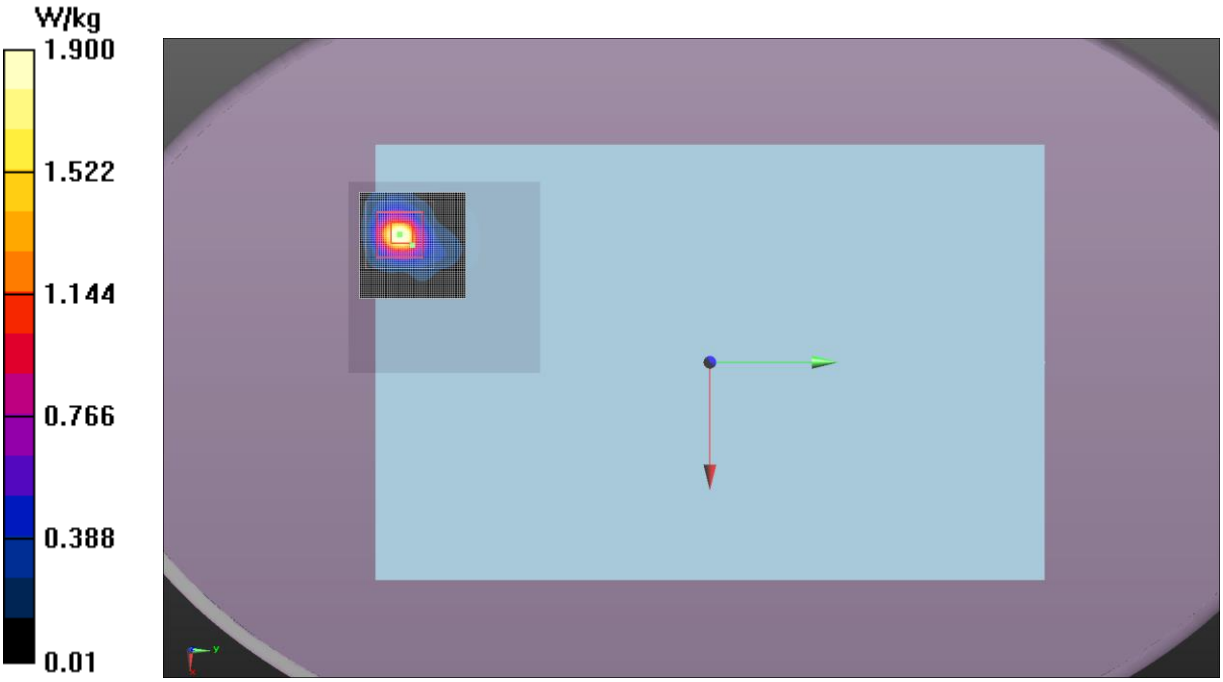
Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 2.28 W/kg
Maximum value of SAR (measured) = 0.571 W/kg

Approved By

SAR TEST DATA – 5.2 GHz

Test 118n



SAR TEST DATA – 5.2 GHz

Tested By:	Carl Engholm	Room Temperature (°C):	22.3°C
Date:	7/7/2015 9:38:50 PM	Liquid Temperature (°C):	21°C
Serial Number:	IASY515S0018	Humidity (%RH):	47%
Configuration:	INTE5597-5	Bar. Pressure (mb):	1013 mb
Comments:	Final Power Setting: 12.5 dBm		

Test 119b
DUT: SKL21-SDS; Type: Tablet/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5230 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 5230 MHz; σ = 5.405 S/m; ε_r = 46.781; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (9x10x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 13.15 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 2.76 W/kg
SAR(1 g) = 0.606 W/kg; SAR(10 g) = 0.177 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.22 W/kg

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) = 0.597 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) = 5.726 V/m

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.23 W/kg
Maximum value of SAR (measured) = 0.177 W/kg

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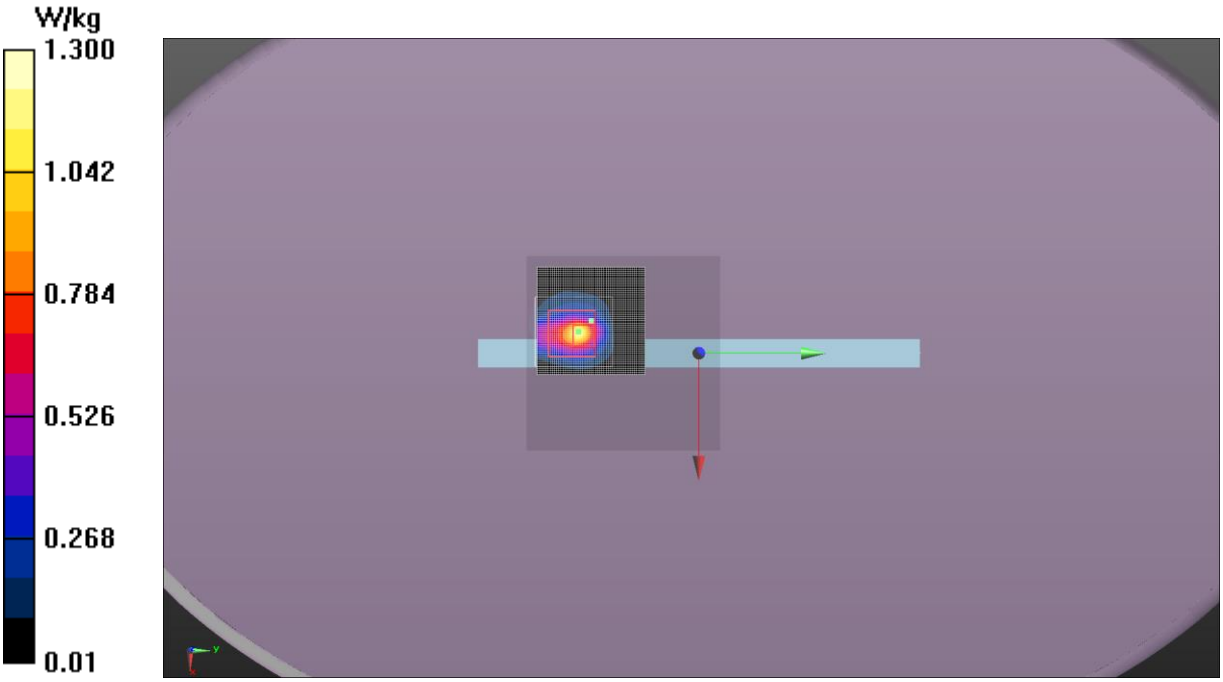
SAR TEST DATA – 5.2 GHz

Test 119b



SAR TEST DATA – 5.2 GHz

Tested By:	Carl Engholm	Room Temperature (°C):	23°C
Date:	7/7/2015 7:22:28 PM	Liquid Temperature (°C):	20.9°C
Serial Number:	IASY515S0018	Humidity (%RH):	46%
Configuration:	INTE5597-1	Bar. Pressure (mb):	1013 mb
Comments:	Final Power Setting: 14.0 dBm		

Test 120b
DUT: SKL21-SDS; Type: Tablet/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz);
Frequency: 5230 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 5230 MHz; σ = 5.405 S/m; ε_r = 46.781; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 11.14 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.458 W/kg; SAR(10 g) = 0.231 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.742 W/kg

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) = 0.771 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) = 7.026 V/m

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.853 W/kg
Maximum value of SAR (measured) = 0.267 W/kg

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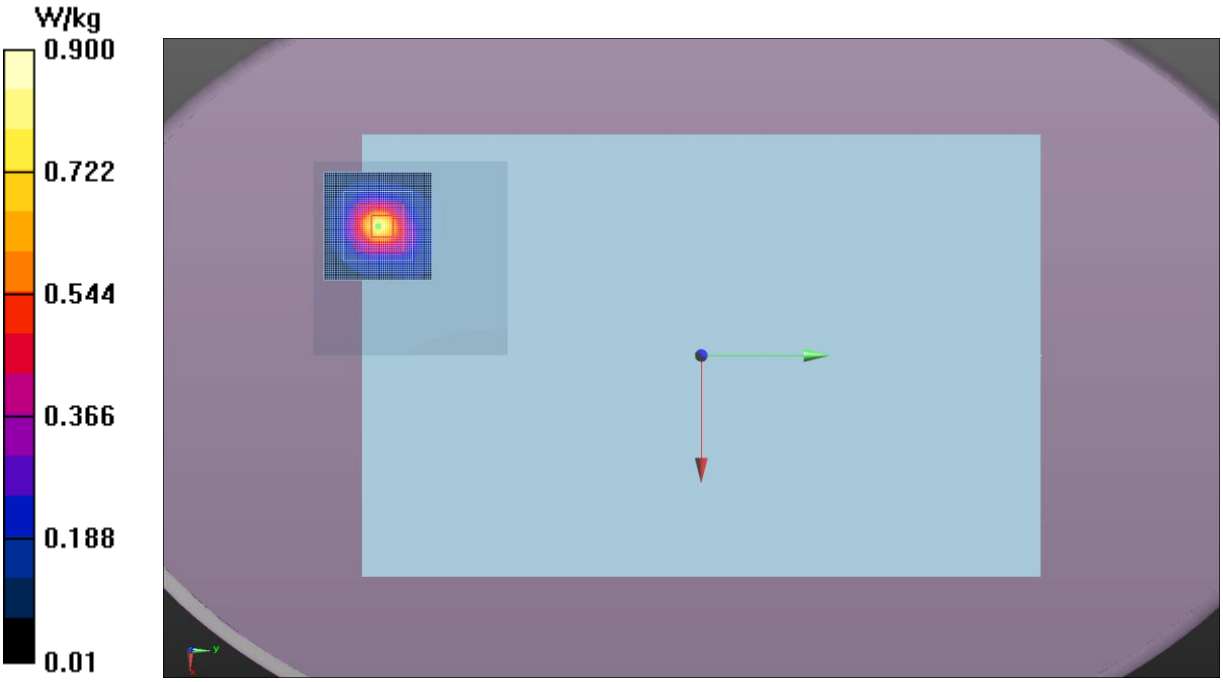
SAR TEST DATA – 5.2 GHz

Test 120b



SAR TEST DATA – 5.2 GHz

Tested By:	Ethan Schoonover and Luke Richardson	Room Temperature (°C):	23.9°C
Date:	6/24/2015 11:52:23 AM	Liquid Temperature (°C):	21.6°C
Serial Number:	IASY515S0018	Humidity (%RH):	44.4%
Configuration:	INTE5597-4	Bar. Pressure (mb):	1018 mb
Comments:	Final Power Setting: 14.0 dBm		

Test 121
DUT: SKL21-SDS; Type: Tablet/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz);
Frequency: 5210 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 5210 MHz; σ = 5.285 S/m; ε_r = 47.391; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (9x10x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 17.13 V/m; Power Drift = -0.31 dB
Peak SAR (extrapolated) = 5.25 W/kg
SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.287 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 2.37 W/kg

Body/Body/Reference scan (21x81x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.544 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) = 8.389 V/m

Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.98 W/kg
Maximum value of SAR (measured) = 0.372 W/kg

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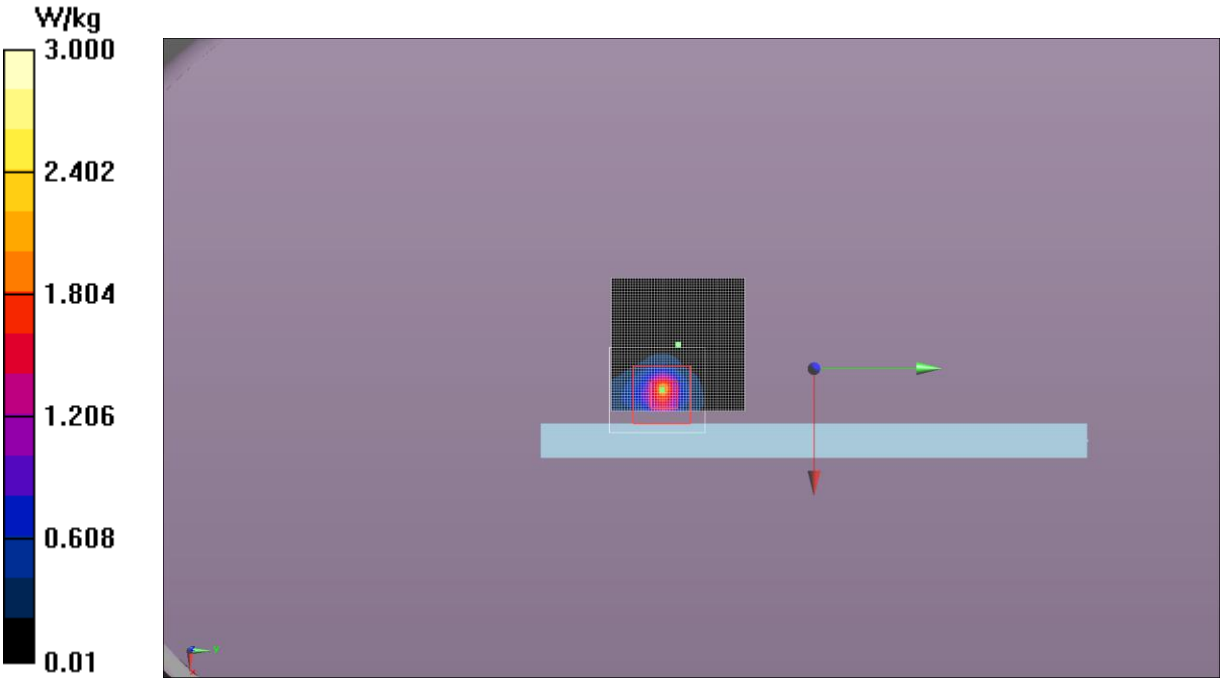
SAR TEST DATA – 5.2 GHz

Test 121



SAR TEST DATA – 5.2 GHz

NORTHWEST EMC
WSTD.2013.09.09

Tested By:	Carl Engholm	Room Temperature (°C):	23.3°C
Date:	6/22/2015 5:00:14 PM	Liquid Temperature (°C):	21.8°C
Serial Number:	IASY515S0018	Humidity (%RH):	41%
Configuration:	INTE5597-2	Bar. Pressure (mb):	1018 mb
Comments:	Final Power Setting: 12.0 dBm		

Test 122a
DUT: SKL21-SDS; Type: Tablet/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz);
Frequency: 5210 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 5210 MHz; σ = 5.237 S/m; ε_r = 47.474; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 19.76 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 5.04 W/kg
SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.414 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 2.45 W/kg

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) = 0.854 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) = 11.20 V/m

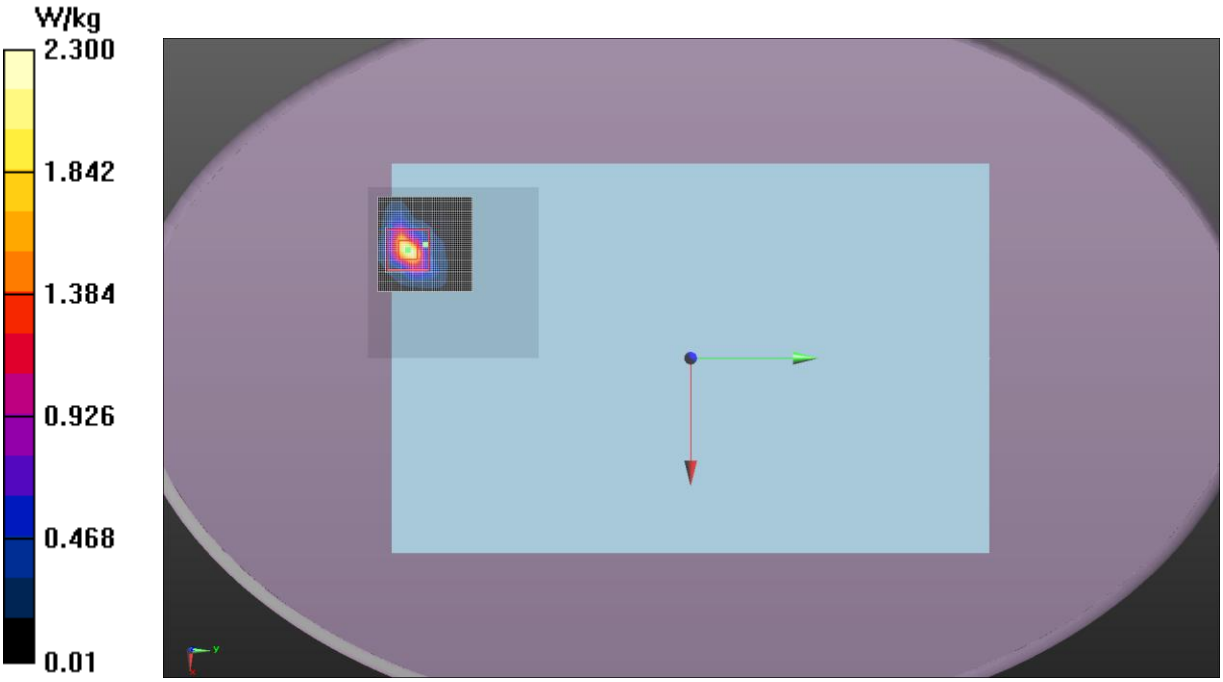
Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 2.29 W/kg
Maximum value of SAR (measured) = 0.657 W/kg

Approved By

SAR TEST DATA – 5.2 GHz

Test 122a



SAR TEST DATA – 5.2 GHz

Tested By:	Carl Engholm	Room Temperature (°C):	22.3°C
Date:	7/7/2015 8:55:55 PM	Liquid Temperature (°C):	21°C
Serial Number:	IASY515S0018	Humidity (%RH):	53%
Configuration:	INTE5597-5	Bar. Pressure (mb):	1013 mb
Comments:	Final Power Setting: 14.0 dBm		

Test 123a
DUT: SKL21-SDS; Type: Tablet/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz);
Frequency: 5210 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 5210 MHz; σ = 5.379 S/m; ε_r = 46.909; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (9x10x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 14.38 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 3.98 W/kg
SAR(1 g) = 0.878 W/kg; SAR(10 g) = 0.253 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.86 W/kg

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) = 0.928 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) = 6.395 V/m

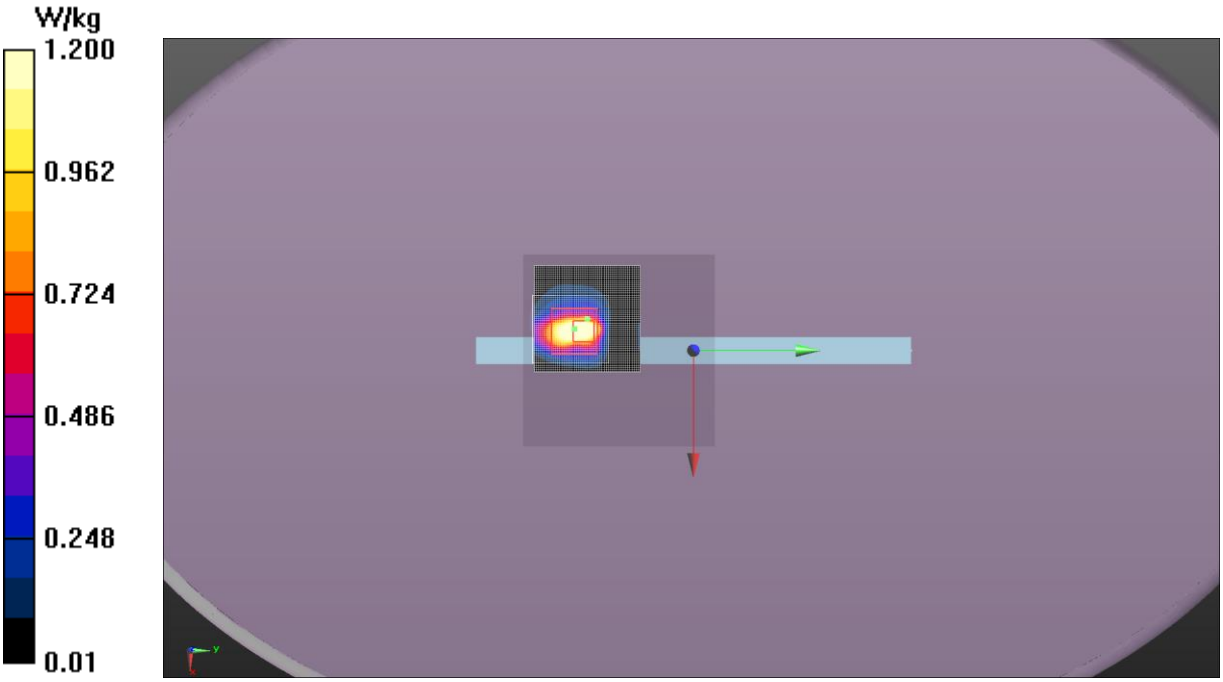
Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.50 W/kg
Maximum value of SAR (measured) = 0.220 W/kg

Approved By

SAR TEST DATA – 5.2 GHz

Test 123a



SAR TEST DATA – 5.2 GHz

Tested By:	Carl Engholm	Room Temperature (°C):	21.8°C
Date:	7/7/2015 8:06:30 PM	Liquid Temperature (°C):	20.9°C
Serial Number:	IASY515S0018	Humidity (%RH):	50%
Configuration:	INTE5597-1	Bar. Pressure (mb):	1013 mb
Comments:	Final Power Setting: 14.0 dBm		

Test 124a
DUT: SKL21-SDS; Type: Tablet/ Computer; Serial: IASY515S0018
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz);
Frequency: 5210 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 5210 MHz; σ = 5.379 S/m; ε_r = 46.909; 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Body/Body/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 11.02 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.44 W/kg
SAR(1 g) = 0.461 W/kg; SAR(10 g) = 0.240 W/kg

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

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) = 0.753 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) = 7.188 V/m

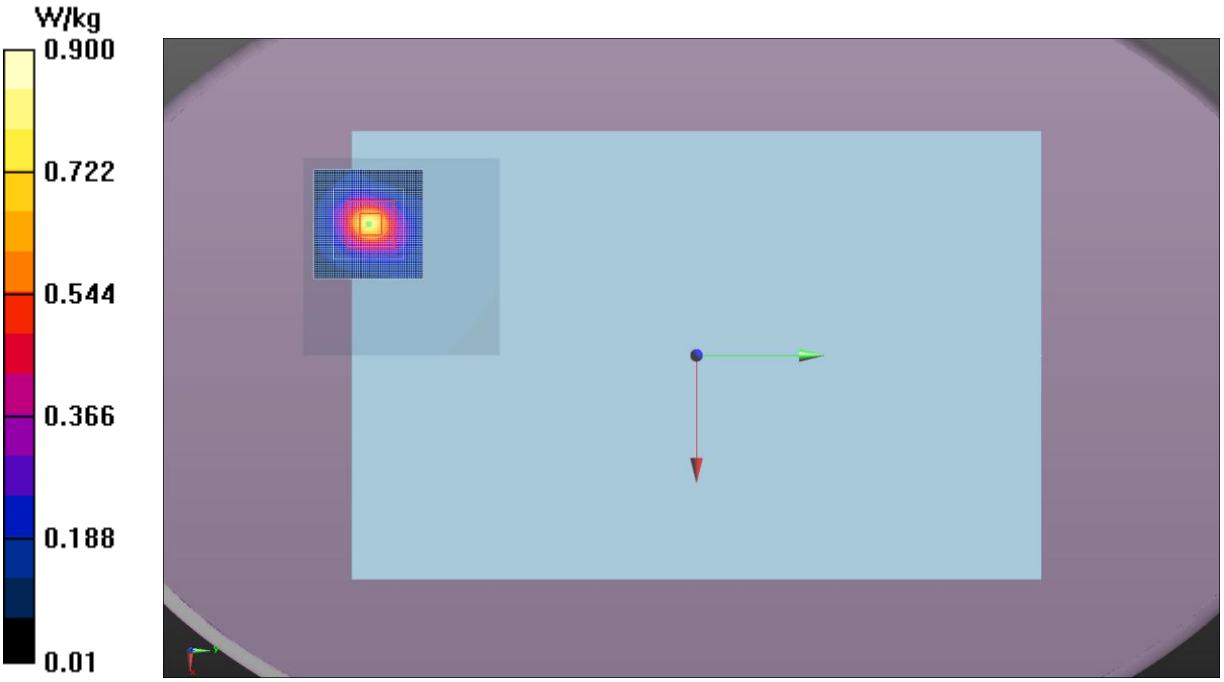
Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.838 W/kg
Maximum value of SAR (measured) = 0.278 W/kg

Approved By

SAR TEST DATA – 5.2 GHz

Test 124a



SAR TEST DATA – 5.2 GHz

Test 118n