

SAR TEST DATA – 2.4 GHz

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; $\sigma = 2.038$ S/m; $\epsilon_r = 51.03$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

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.](#)

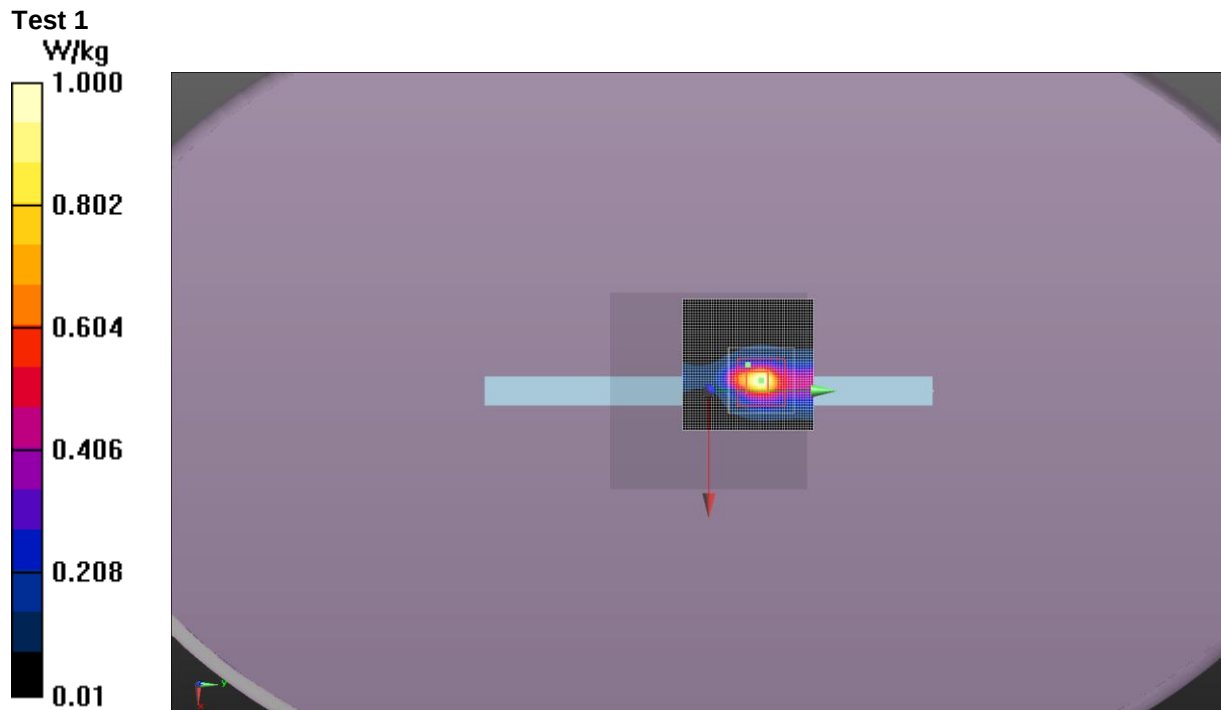
Maximum value of SAR (interpolated) = 0.223 W/kg

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; $\sigma = 1.964$ S/m; $\epsilon_r = 50.839$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- DASYS2 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.](#)

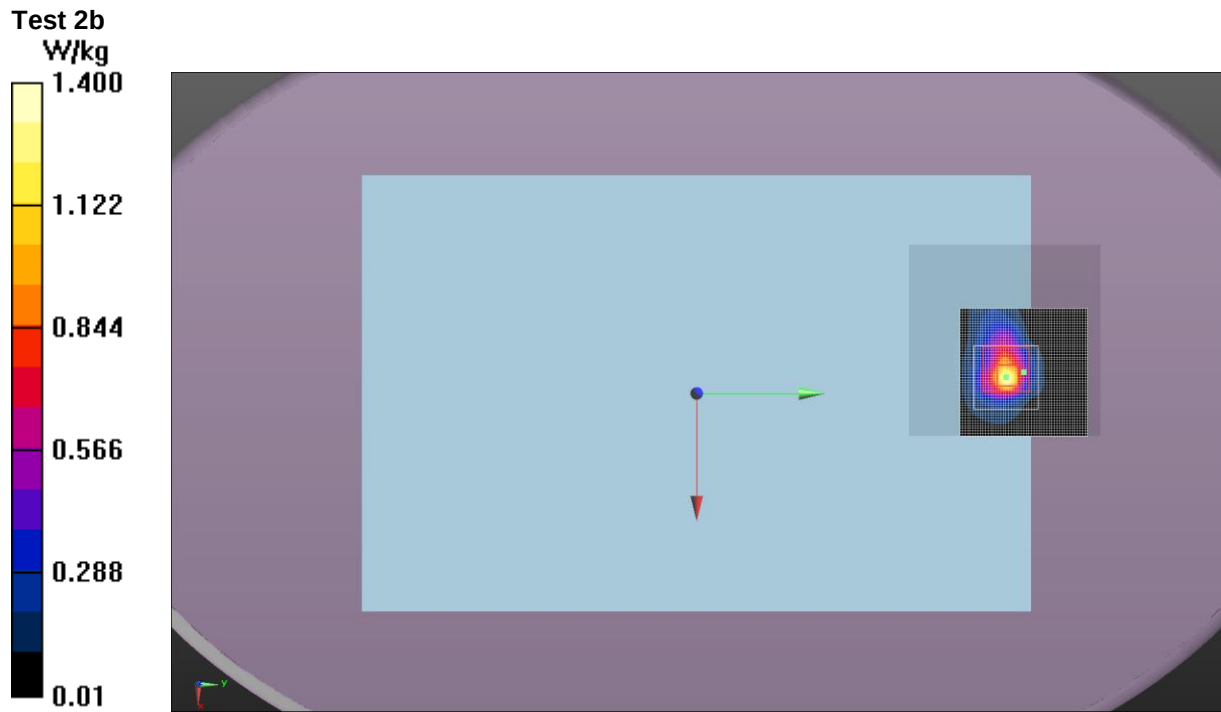
Maximum value of SAR (interpolated) = 0.292 W/kg

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; $\sigma = 1.887$ S/m; $\epsilon_r = 51.062$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- DASYS2 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.](#)

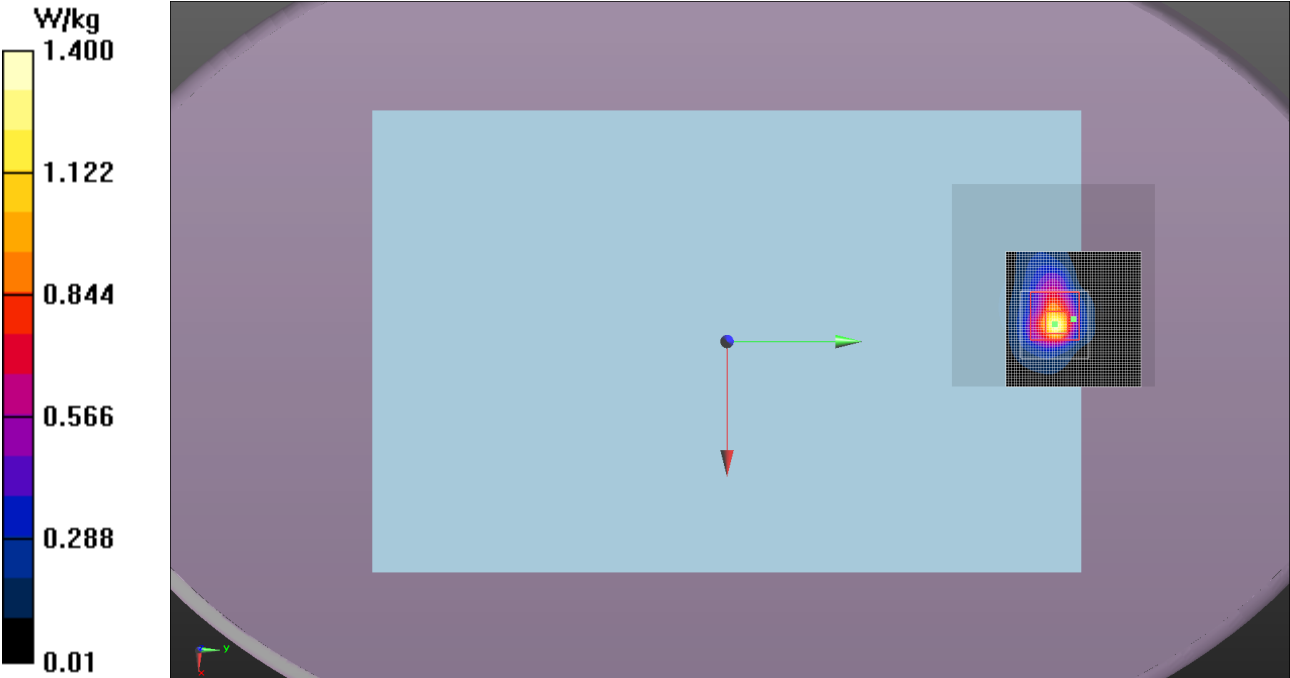
Maximum value of SAR (interpolated) = 0.233 W/kg



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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; $\sigma = 1.927$ S/m; $\epsilon_r = 50.939$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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.](#)

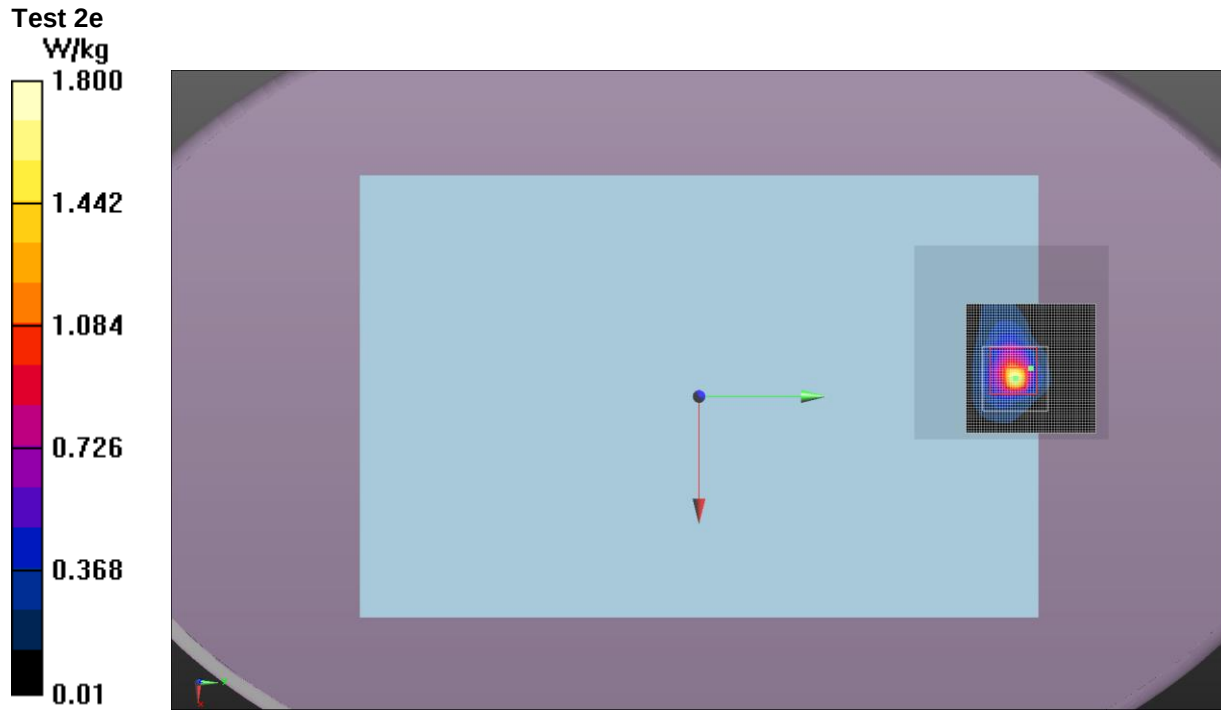
Maximum value of SAR (interpolated) = 0.306 W/kg

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



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SAR TEST DATA – 2.4 GHz

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; $\sigma = 1.983$ S/m; $\epsilon_r = 51.001$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- DASYS2 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.](#)

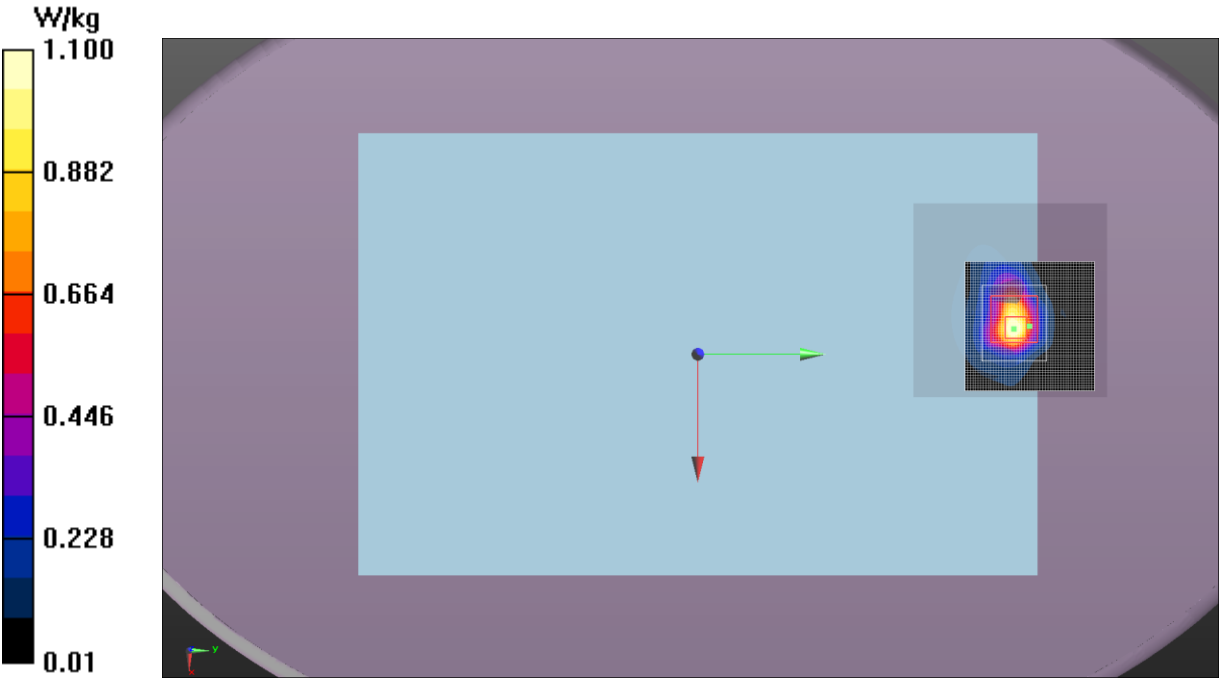
Maximum value of SAR (interpolated) = 0.337 W/kg

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; $\sigma = 2.038$ S/m; $\epsilon_r = 51.03$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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.](#)

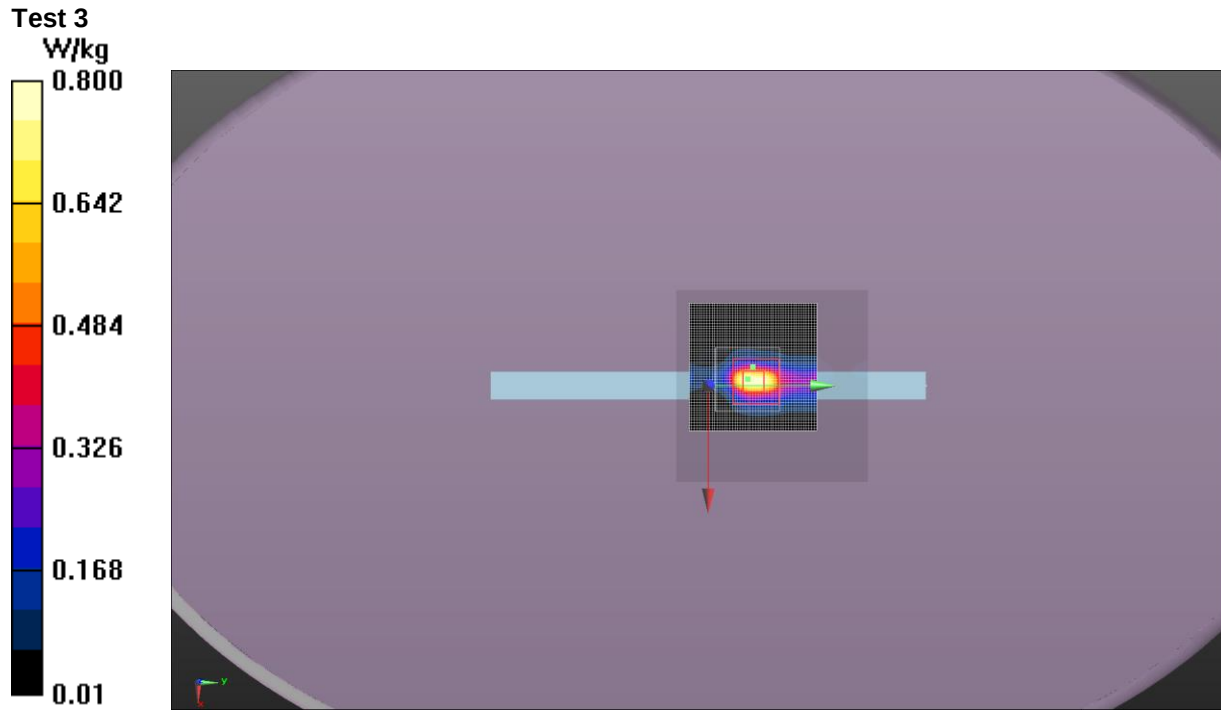
Maximum value of SAR (interpolated) = 0.133 W/kg

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; $\sigma = 2.038$ S/m; $\epsilon_r = 51.03$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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.](#)

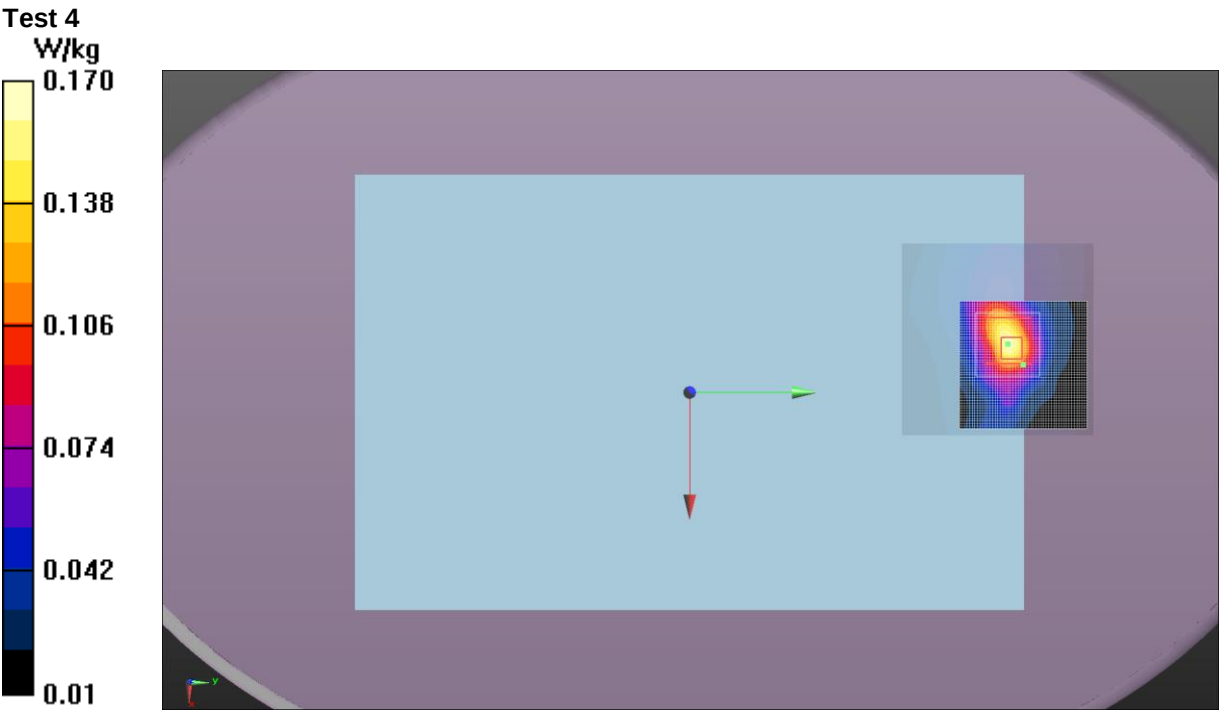
Maximum value of SAR (interpolated) = 0.0855 W/kg

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; $\sigma = 2.006$ S/m; $\epsilon_r = 51.129$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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.](#)

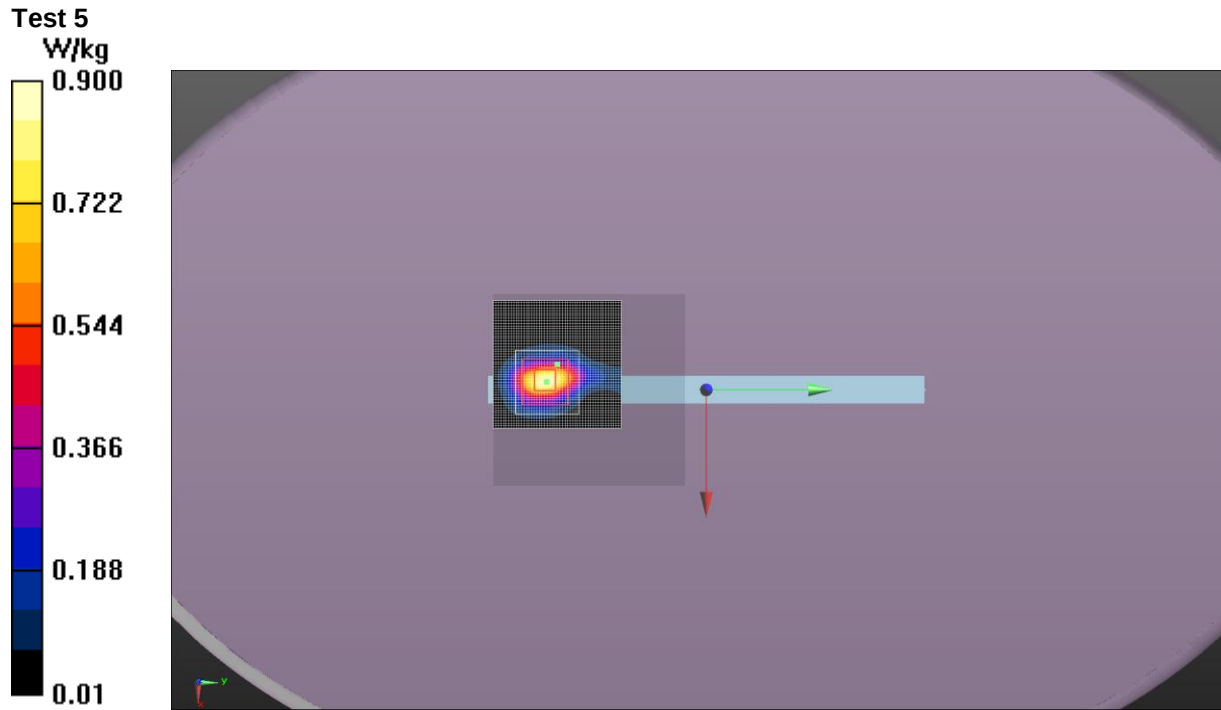
Maximum value of SAR (interpolated) = 0.254 W/kg

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



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SAR TEST DATA – 2.4 GHz

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; $\sigma = 1.927$ S/m; $\epsilon_r = 50.939$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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.](#)

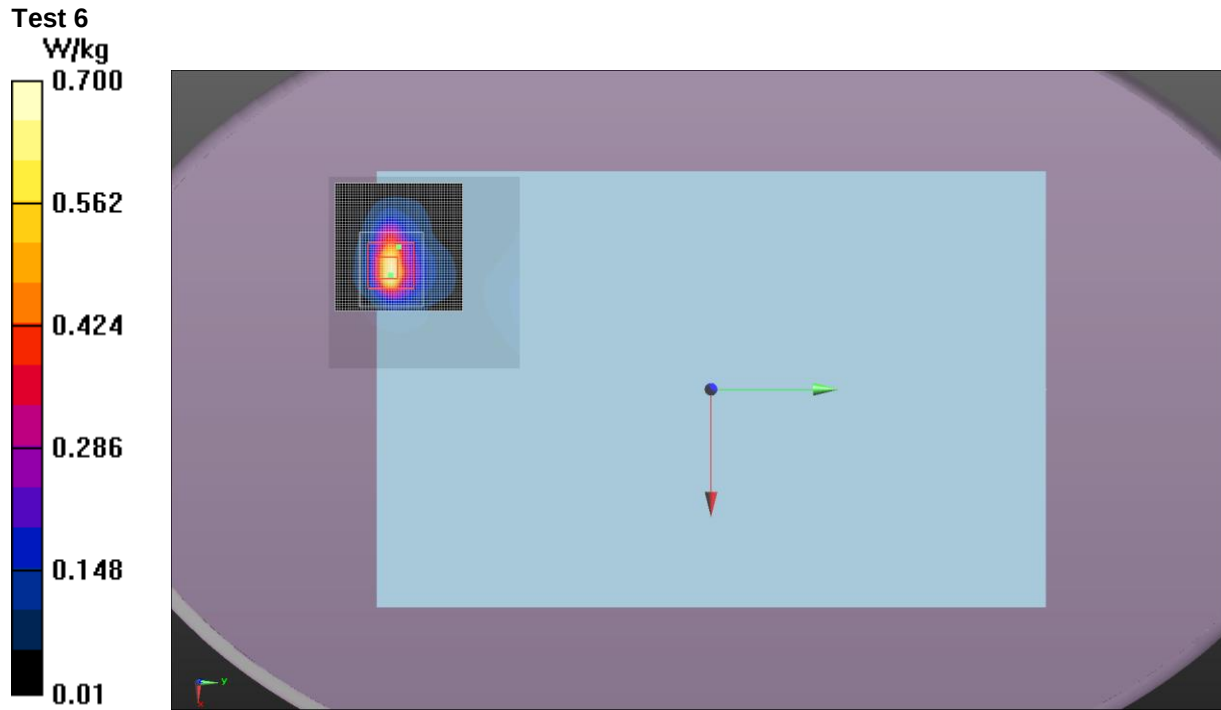
Maximum value of SAR (interpolated) = 0.422 W/kg

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



Approved By

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; $\sigma = 2.006$ S/m; $\epsilon_r = 51.129$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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.](#)

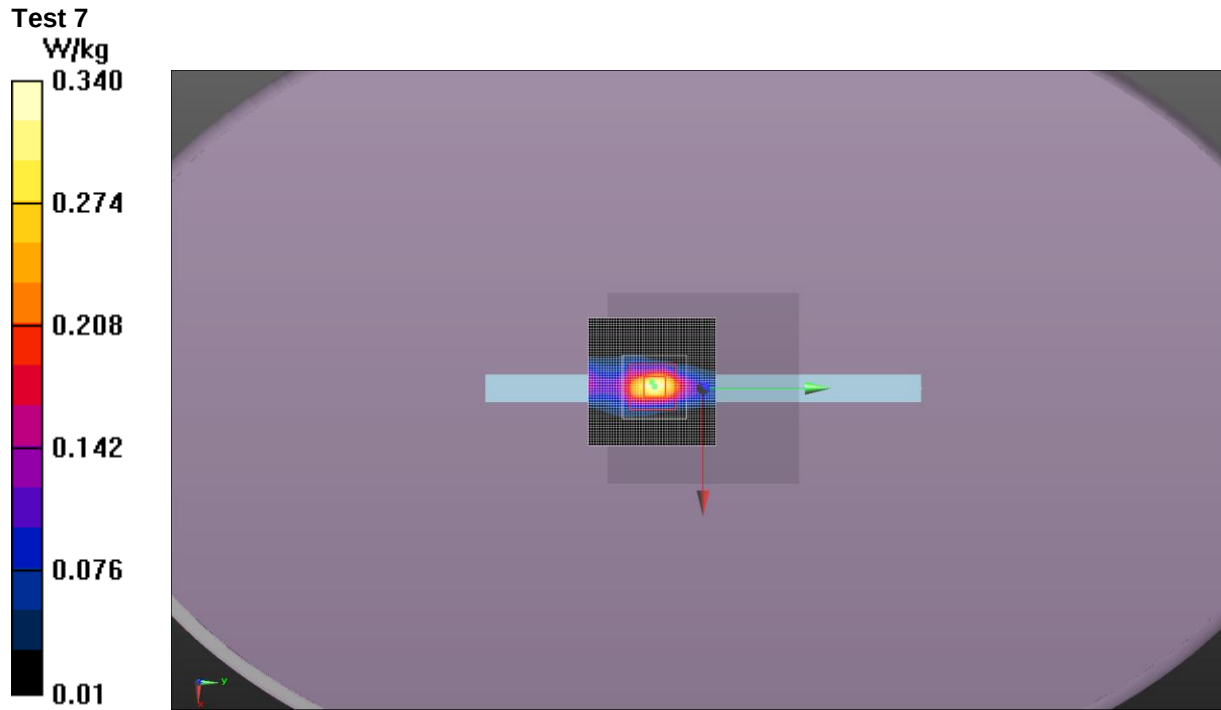
Maximum value of SAR (interpolated) = 0.0470 W/kg

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



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: 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; $\sigma = 2.006$ S/m; $\epsilon_r = 51.129$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- DASYS2 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.](#)

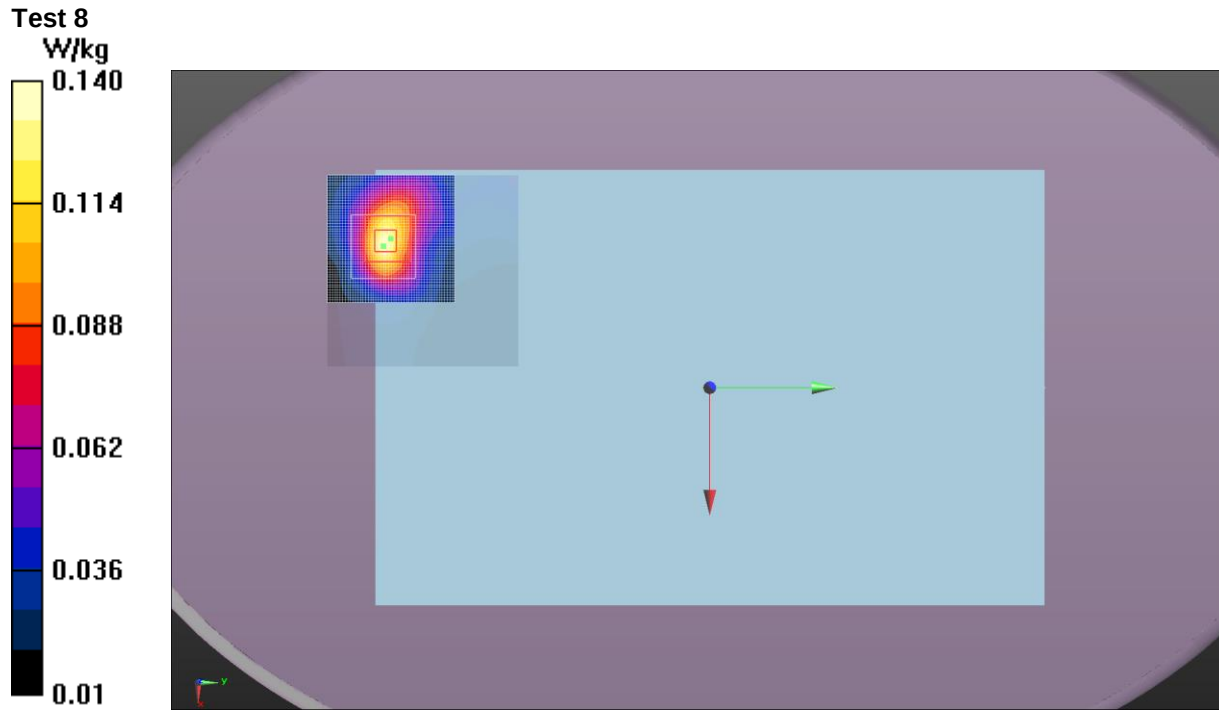
Maximum value of SAR (interpolated) = 0.130 W/kg

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; $\sigma = 2.012$ S/m; $\epsilon_r = 51.109$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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.](#)

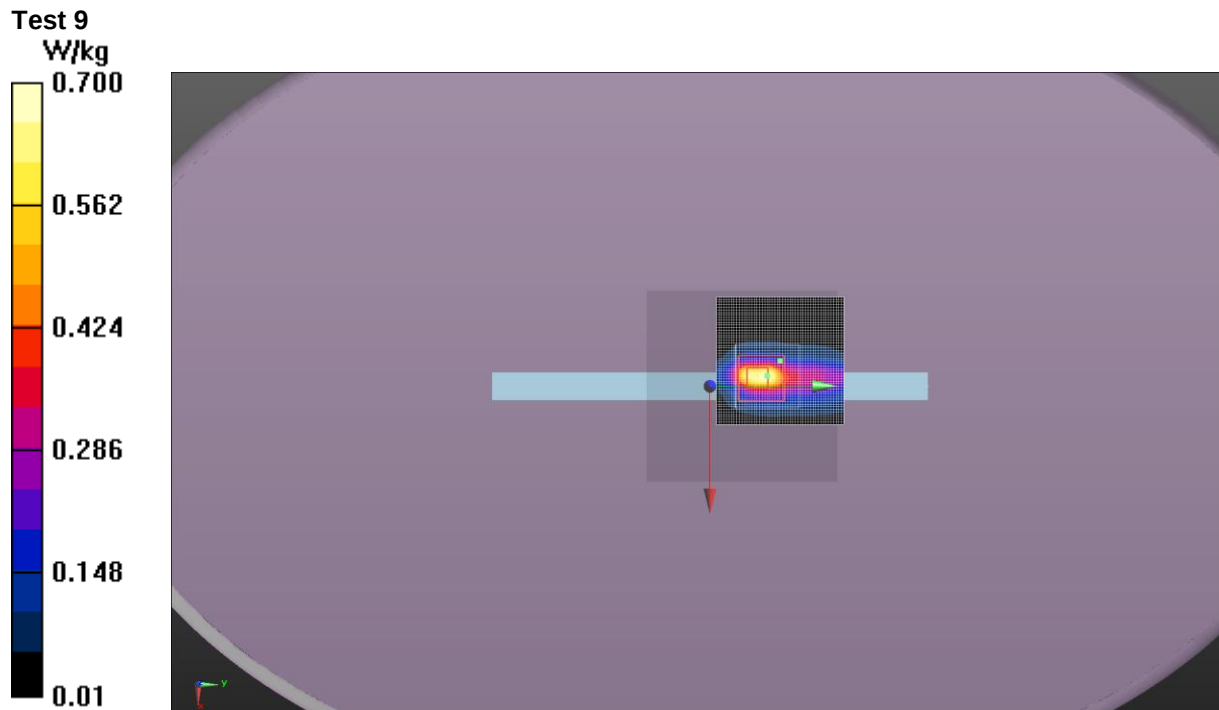
Maximum value of SAR (interpolated) = 0.134 W/kg

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



Approved By

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; $\sigma = 1.934$ S/m; $\epsilon_r = 50.919$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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.](#)

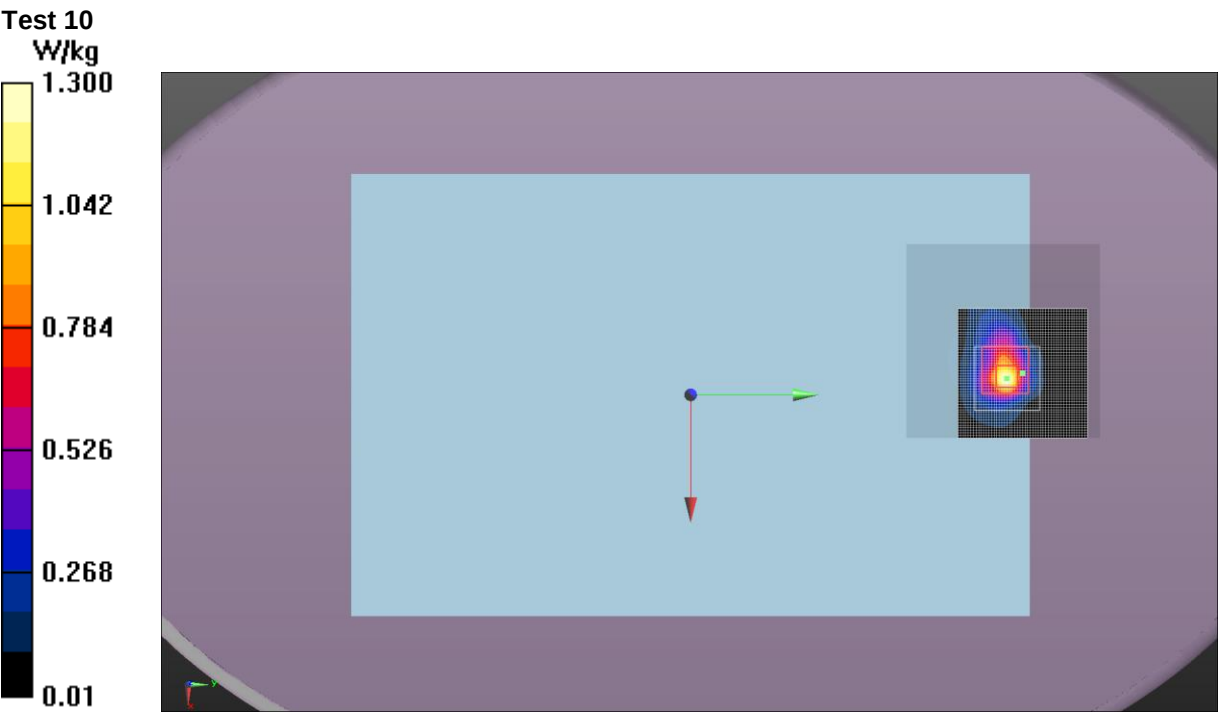
Maximum value of SAR (interpolated) = 0.296 W/kg

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



Approved By

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; $\sigma = 1.904$ S/m; $\epsilon_r = 51.005$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- DASYS2 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.](#)

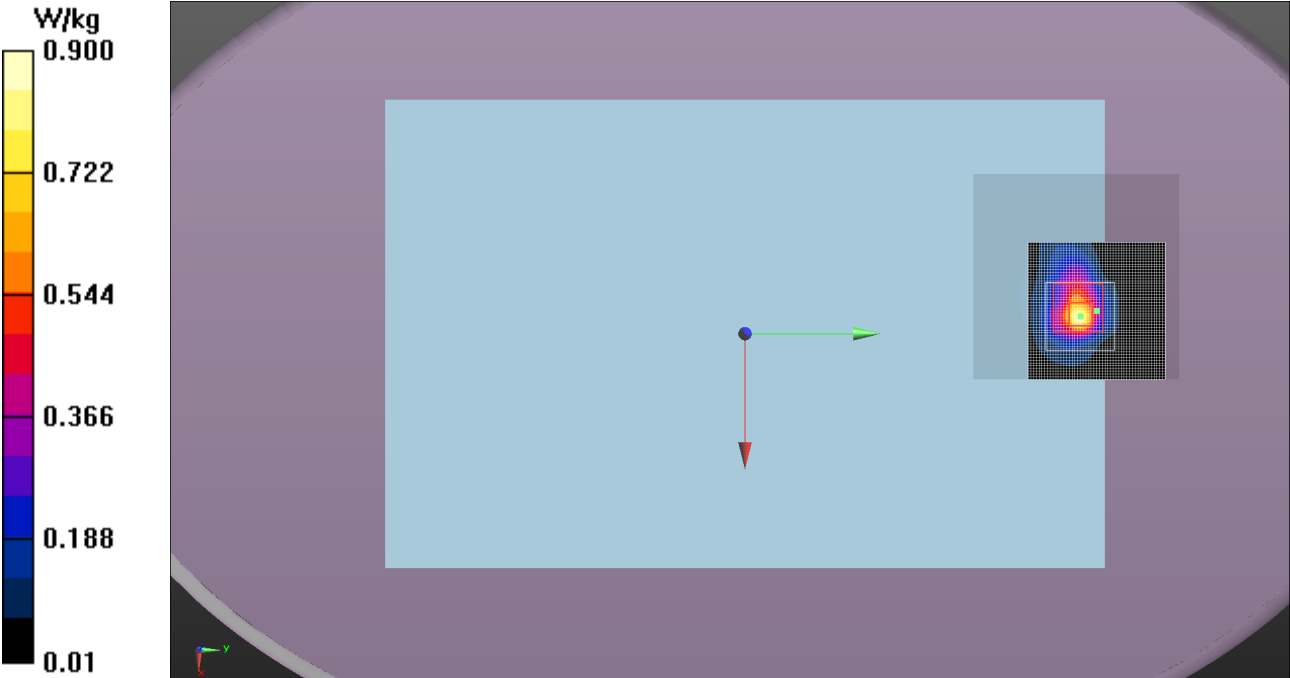
Maximum value of SAR (interpolated) = 0.201 W/kg



Approved By

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; $\sigma = 2.012$ S/m; $\epsilon_r = 51.109$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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.](#)

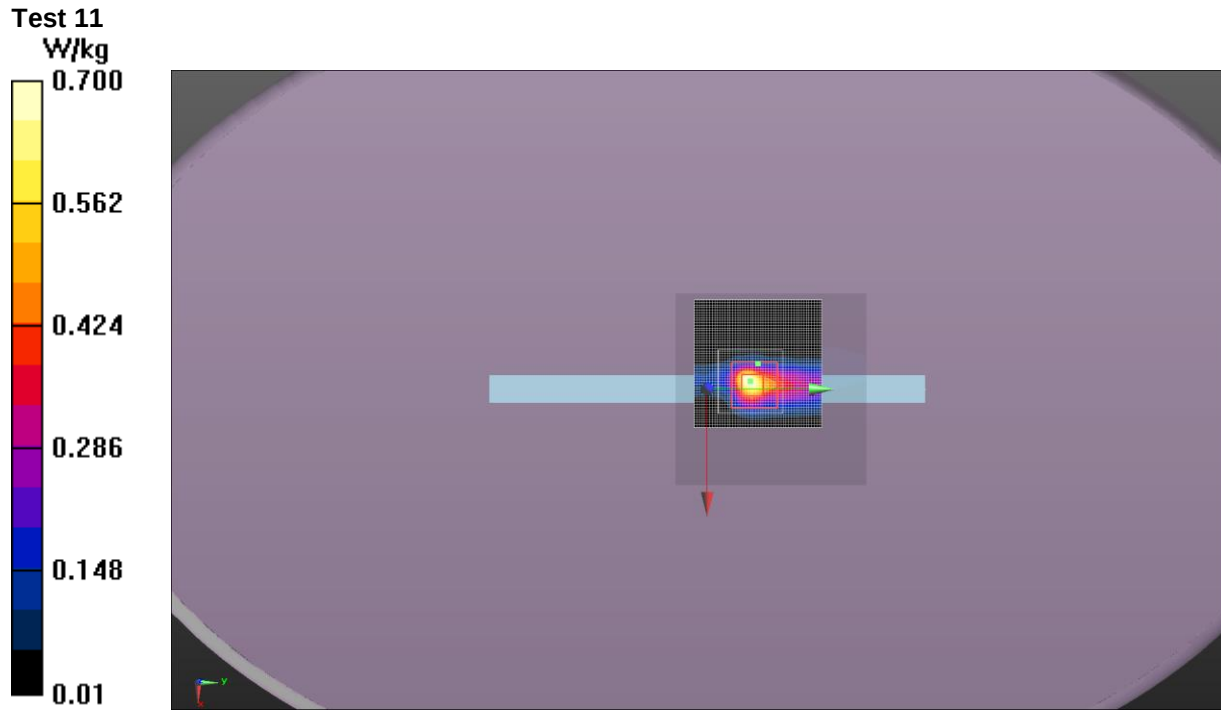
Maximum value of SAR (interpolated) = 0.113 W/kg

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



Approved By

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; $\sigma = 2.012$ S/m; $\epsilon_r = 51.109$; $\rho = 1000$ kg/m³

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

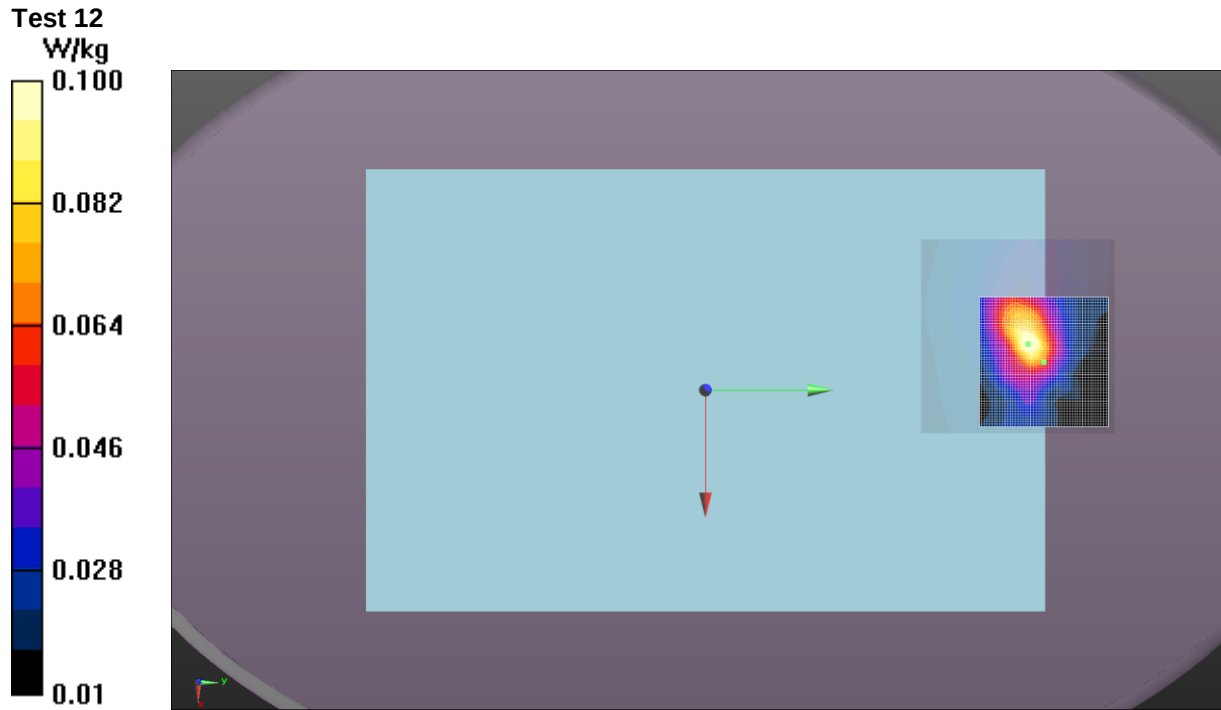
[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0987 W/kg



Approved By

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; $\sigma = 1.987$ S/m; $\epsilon_r = 51.19$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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.](#)

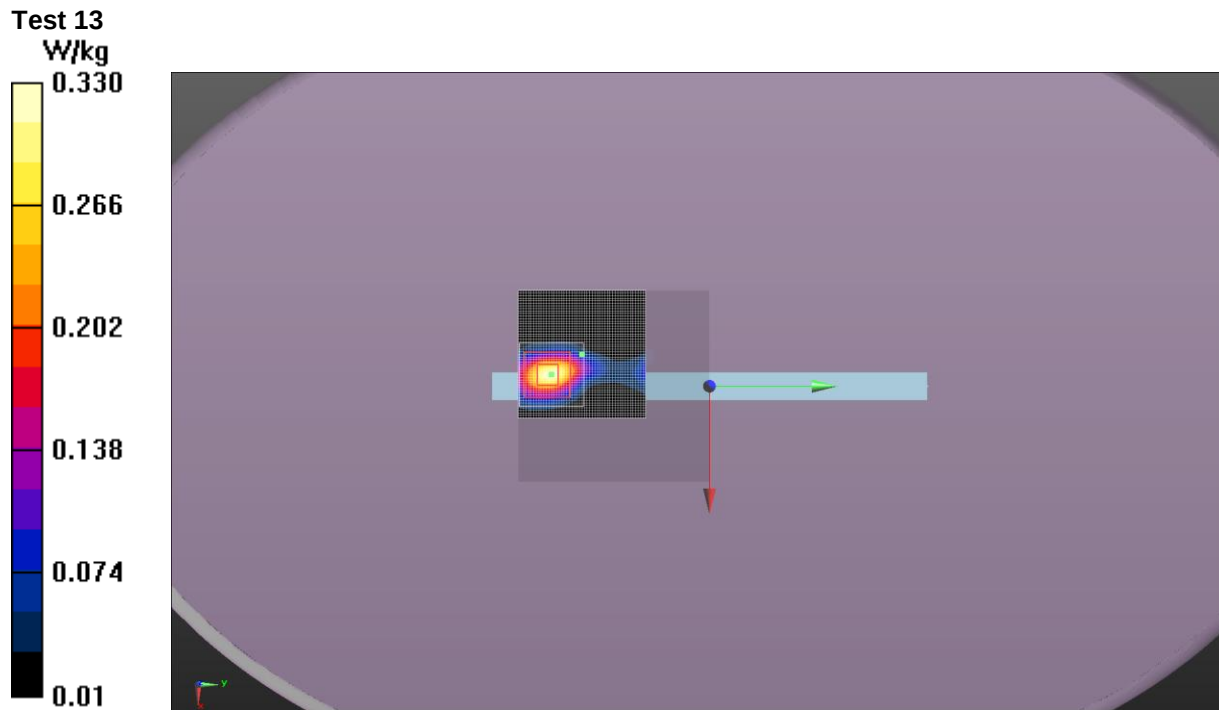
Maximum value of SAR (interpolated) = 0.0785 W/kg

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



Approved By

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; $\sigma = 1.904$ S/m; $\epsilon_r = 51.005$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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.](#)

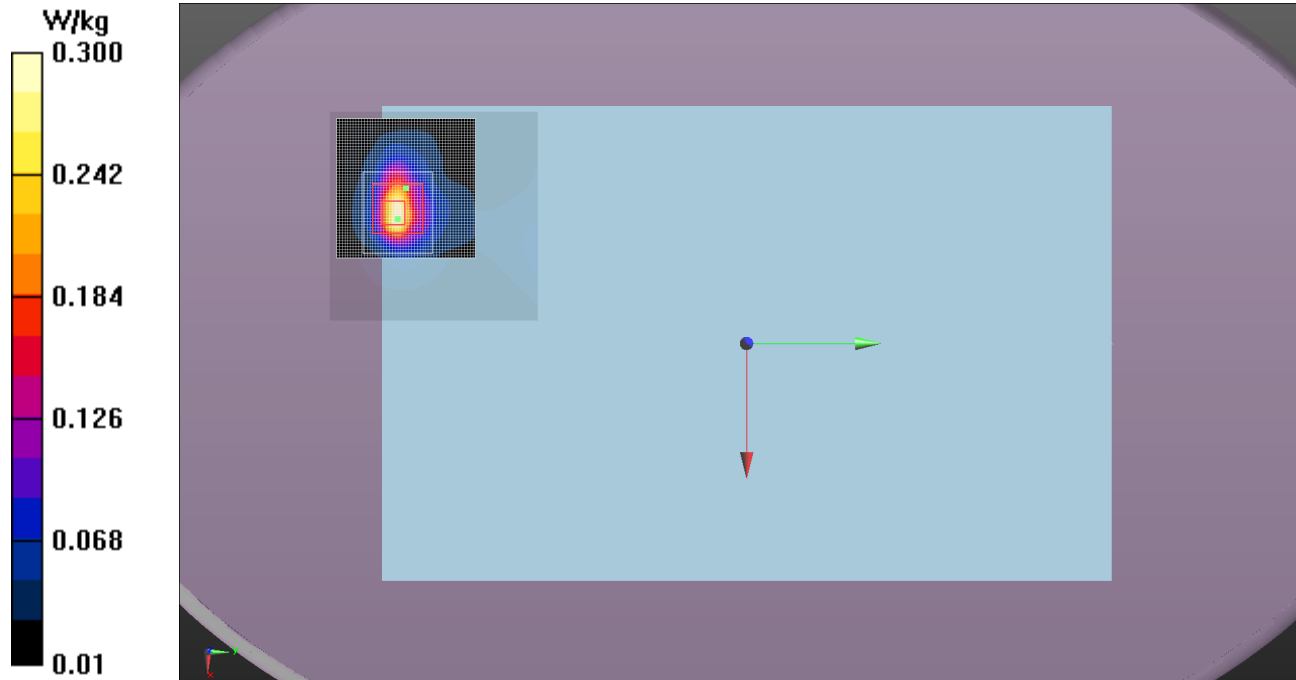
Maximum value of SAR (interpolated) = 0.181 W/kg



Approved By

SAR TEST DATA – 2.4 GHz

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; $\sigma = 1.987$ S/m; $\epsilon_r = 51.19$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- DASYS2 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.](#)

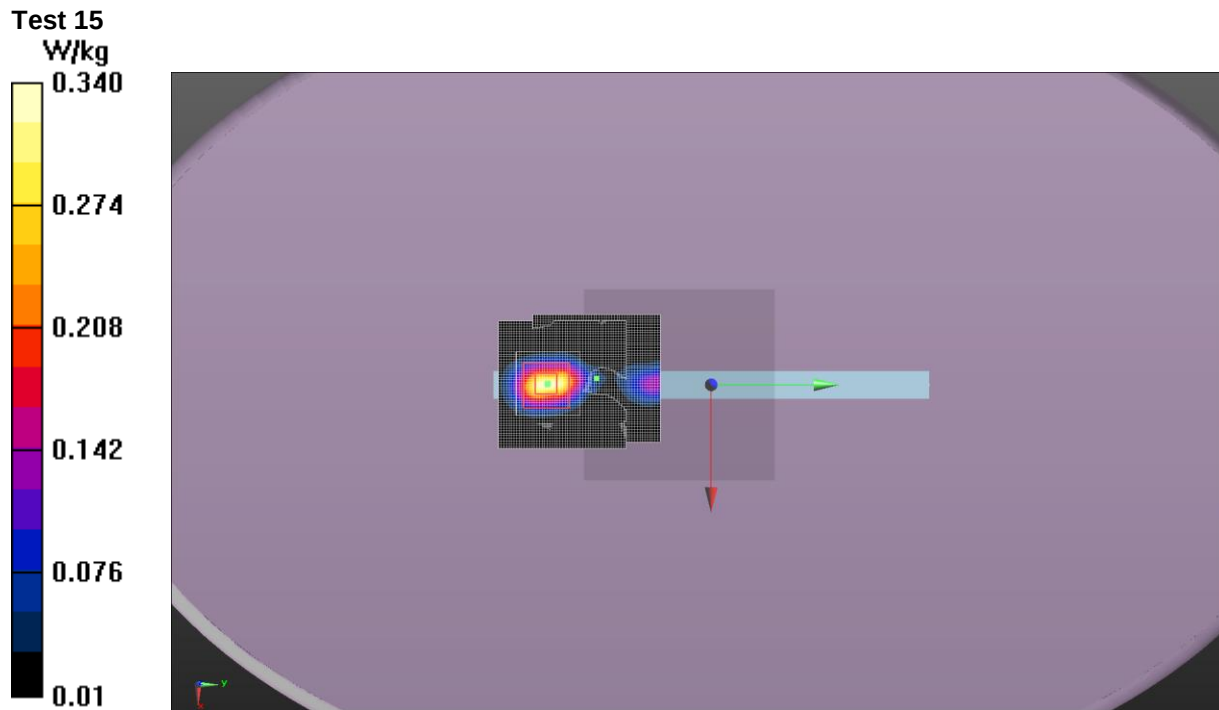
Maximum value of SAR (interpolated) = 0.0498 W/kg

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; $\sigma = 1.987$ S/m; $\epsilon_r = 51.19$; $\rho = 1000$ kg/m³

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

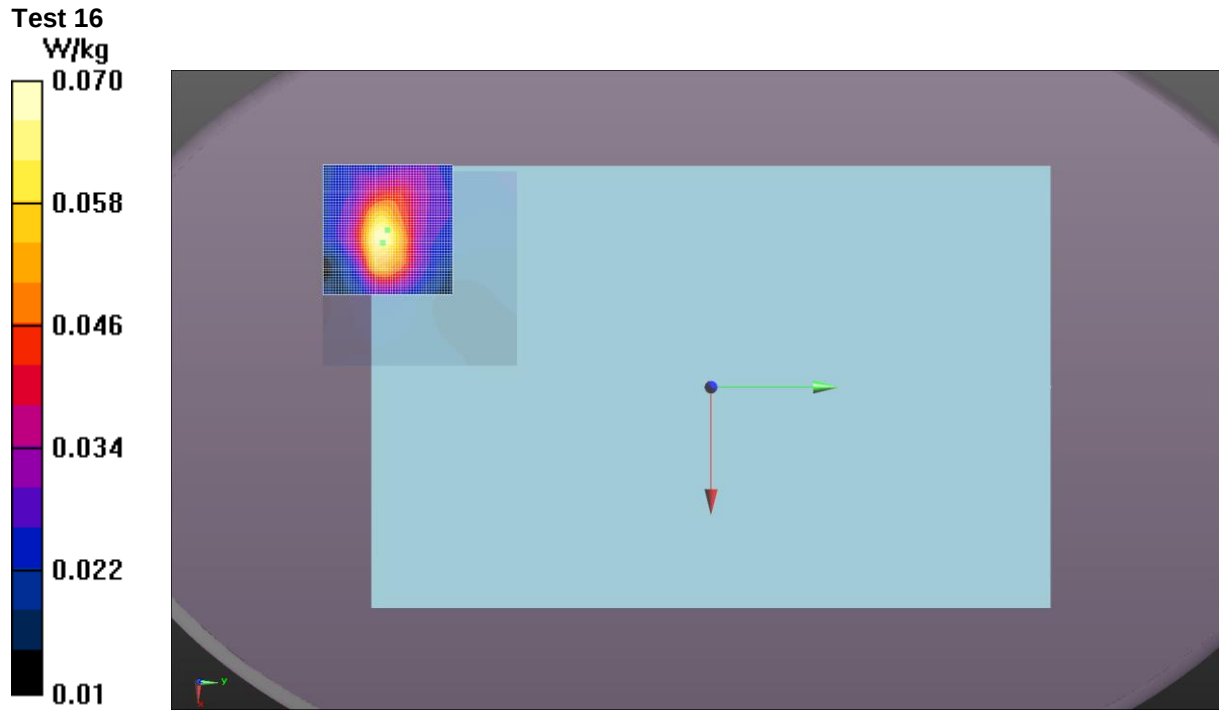
[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0666 W/kg



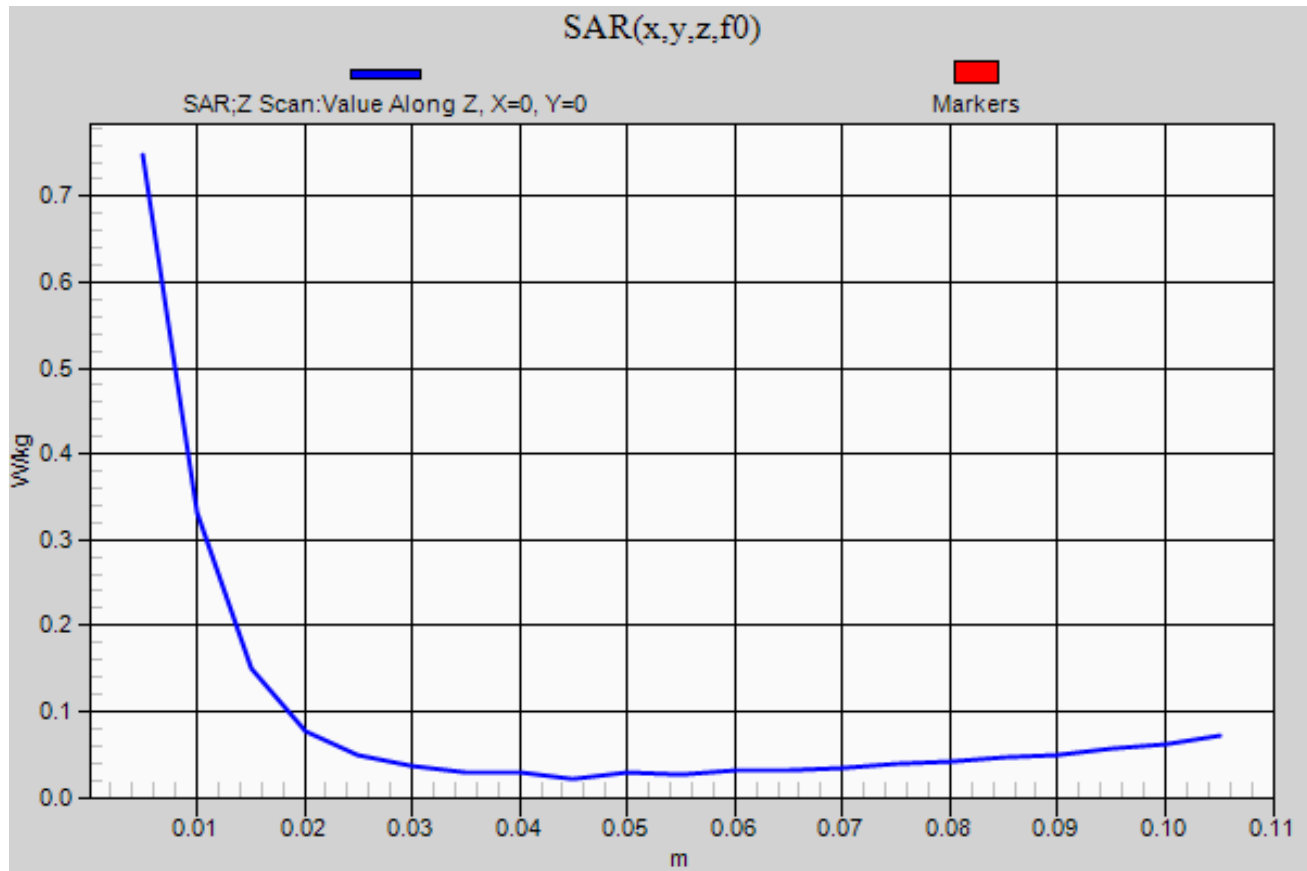
Approved By

SAR TEST DATA – 2.4 GHz



SAR TEST DATA – 2.4 GHz

Test 10 -



SAR TEST DATA – 5.2 GHz

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

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)	MCS0(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	MCS0(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; $\sigma = 5.27$ S/m; $\epsilon_r = 47.574$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

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.](#)

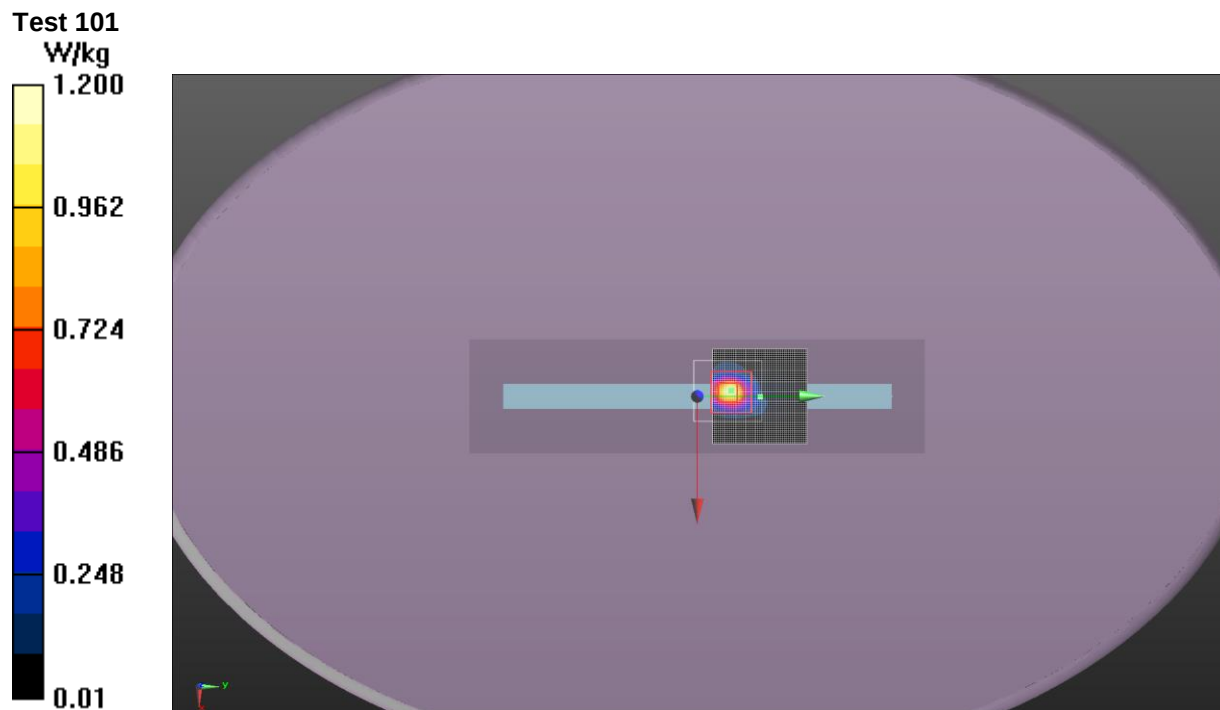
Maximum value of SAR (interpolated) = 1.21 W/kg

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; $\sigma = 5.222$ S/m; $\epsilon_r = 47.717$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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

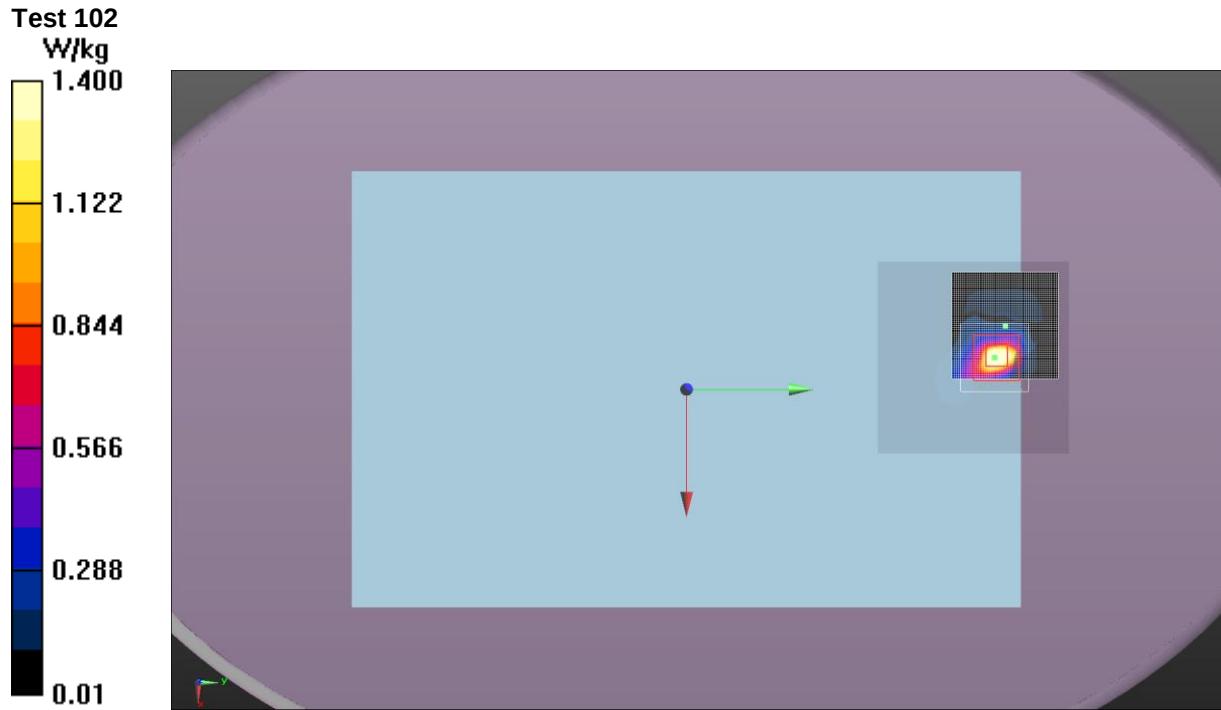
[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 1.96 W/kg

Maximum value of SAR (measured) = 0.515 W/kg

 
Approved By

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; $\sigma = 5.133$ S/m; $\epsilon_r = 47.414$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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

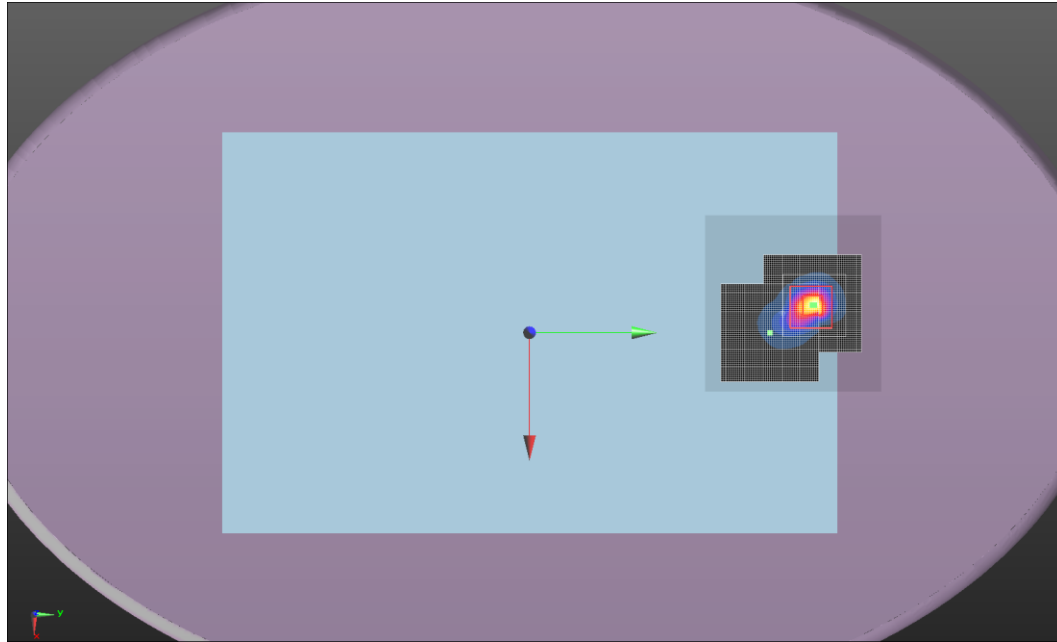
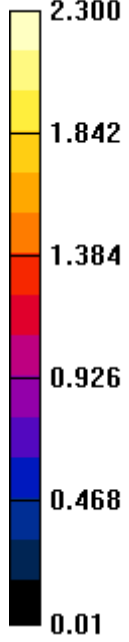
Maximum value of SAR (measured) = 0.611 W/kg



Approved By

SAR TEST DATA – 5.2 GHz

Test 102a
W/kg



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; $\sigma = 5.252$ S/m; $\epsilon_r = 47.497$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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

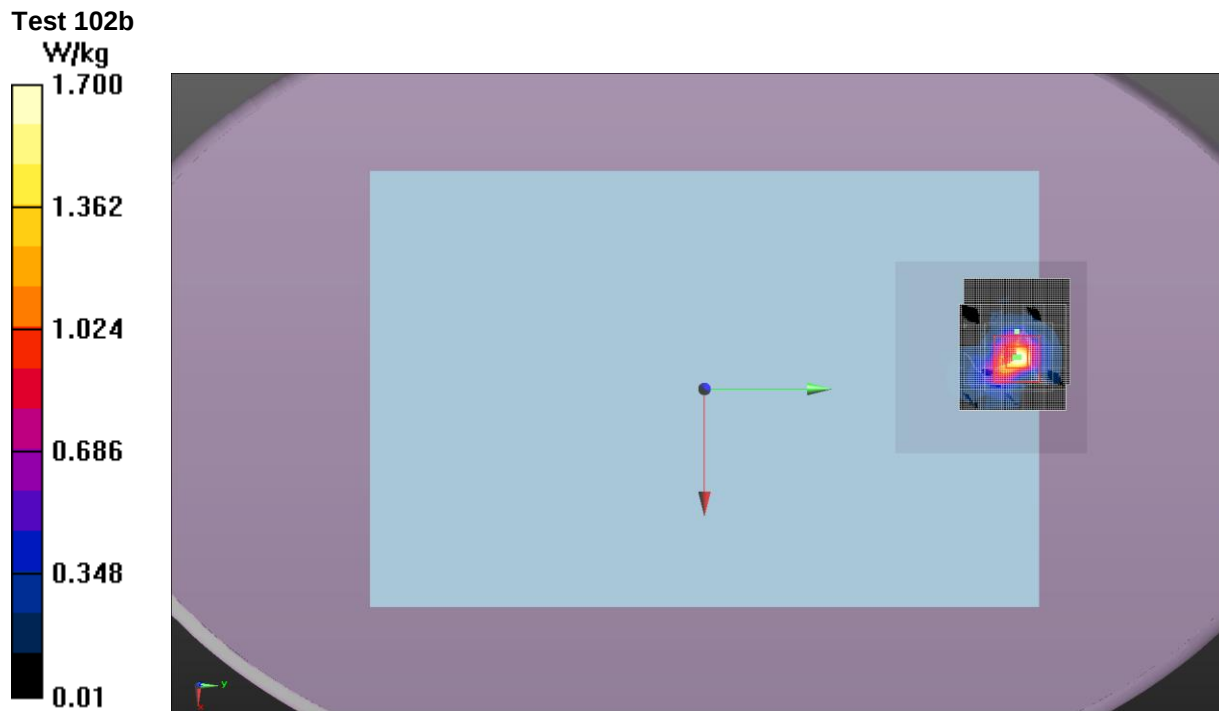
[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.22 W/kg



SAR TEST DATA – 5.2 GHz

Approved By



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; $\sigma = 5.428$ S/m; $\epsilon_r = 46.771$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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.](#)

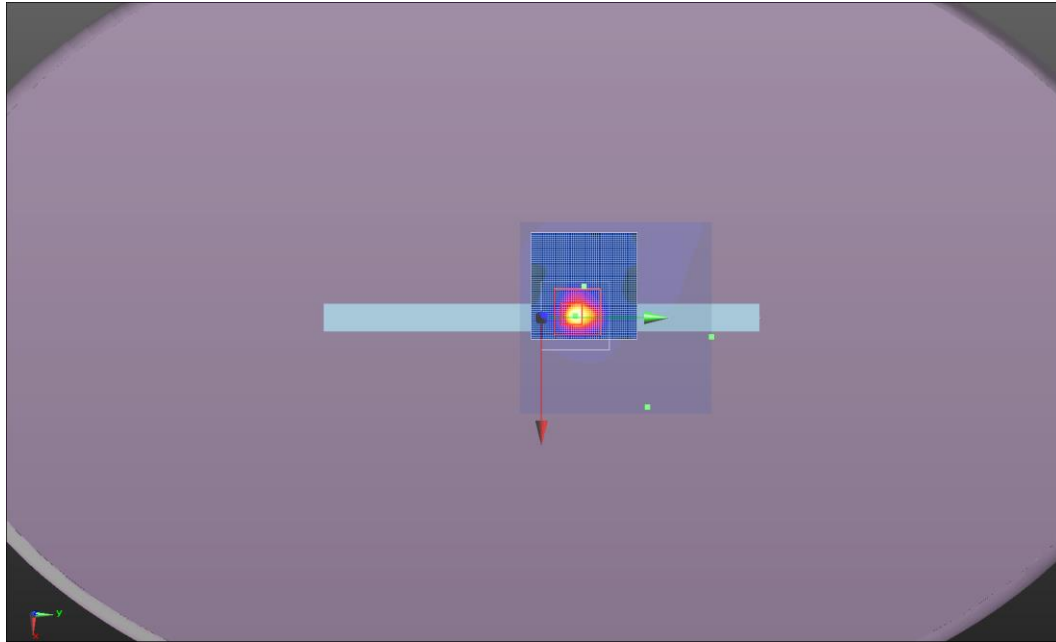
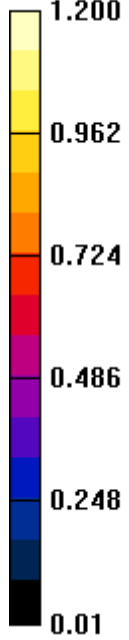
Maximum value of SAR (interpolated) = 1.36 W/kg

Maximum value of SAR (measured) = 0.275 W/kg

 
Approved By

SAR TEST DATA – 5.2 GHz

Test 103a
W/kg



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; $\sigma = 5.428$ S/m; $\epsilon_r = 46.771$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- DASYS2 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.](#)

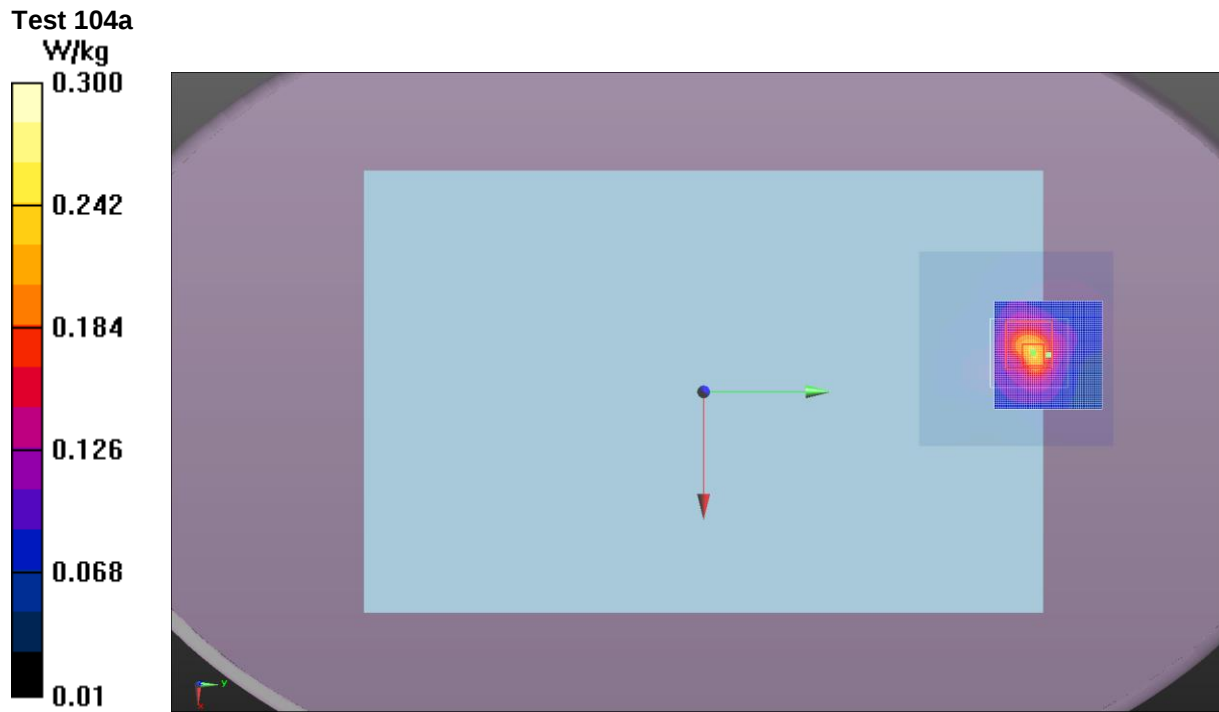
Maximum value of SAR (interpolated) = 0.229 W/kg

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; $\sigma = 5.263$ S/m; $\epsilon_r = 47.53$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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.](#)

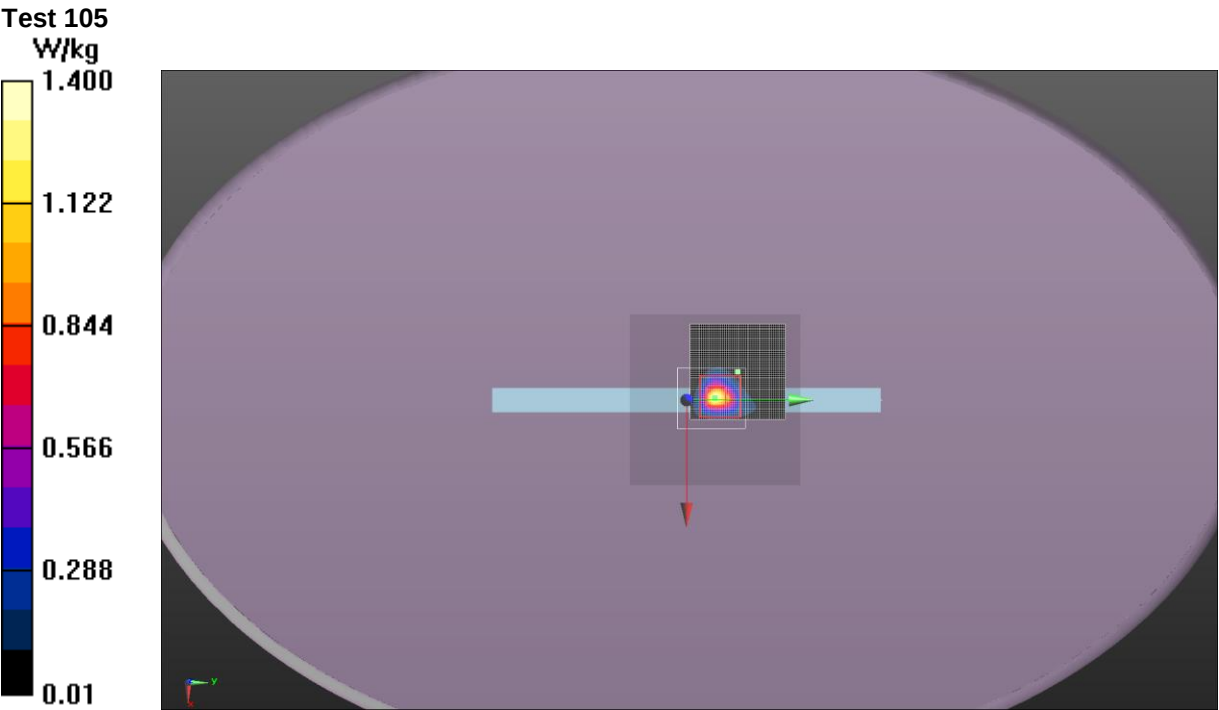
Maximum value of SAR (interpolated) = 1.40 W/kg

Maximum value of SAR (measured) = 0.229 W/kg



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):	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; $\sigma = 5.184$ S/m; $\epsilon_r = 47.677$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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

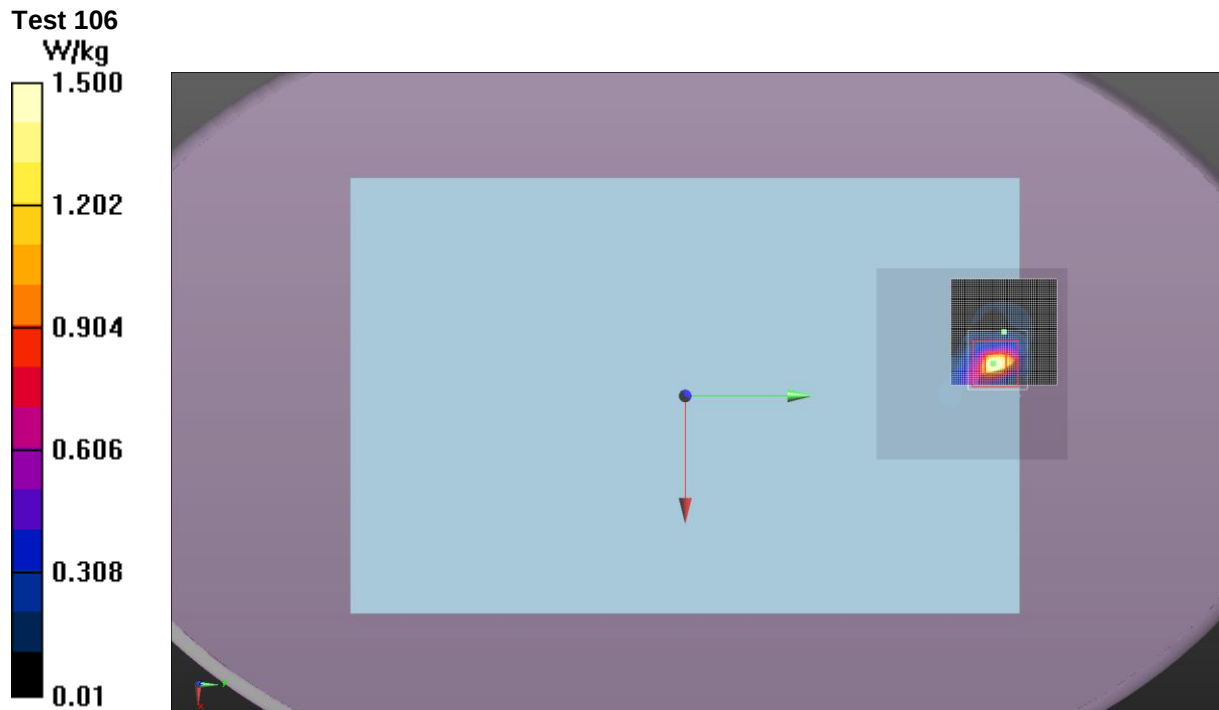
[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 1.70 W/kg

Maximum value of SAR (measured) = 0.482 W/kg

 
Approved By

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; $\sigma = 5.178$ S/m; $\epsilon_r = 47.433$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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.](#)

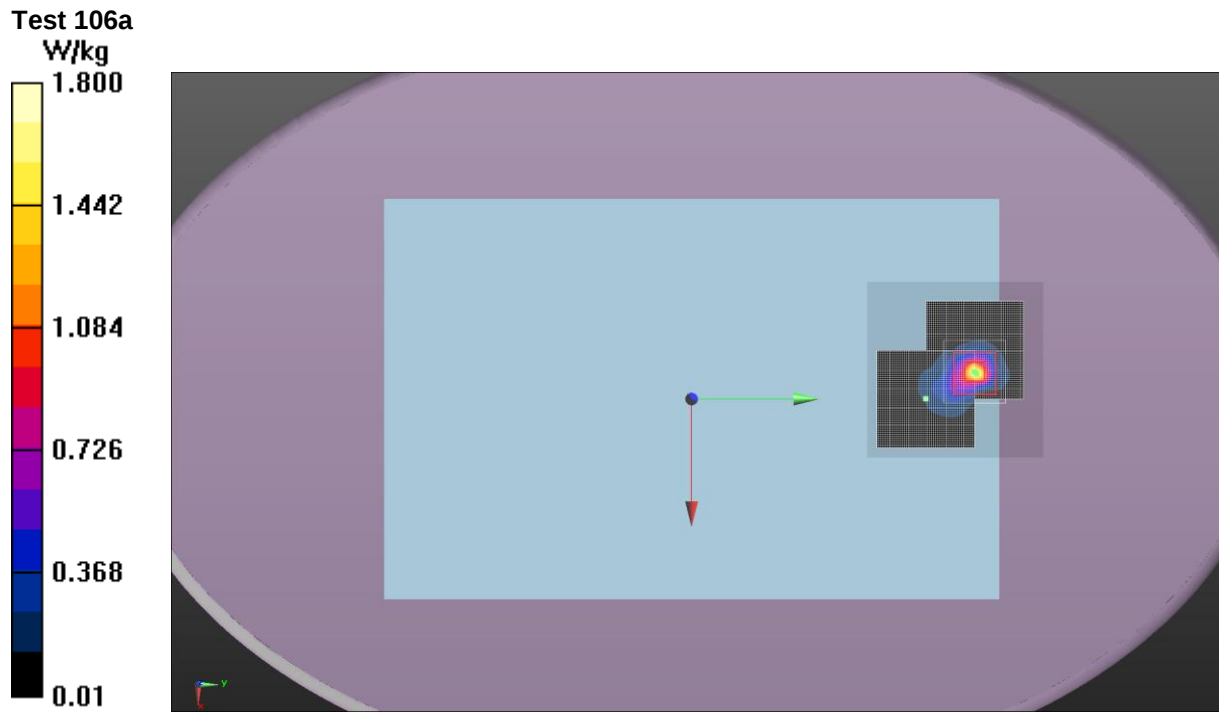
Maximum value of SAR (interpolated) = 1.80 W/kg

Maximum value of SAR (measured) = 0.496 W/kg



Approved By

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; $\sigma = 5.405$ S/m; $\epsilon_r = 46.781$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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.](#)

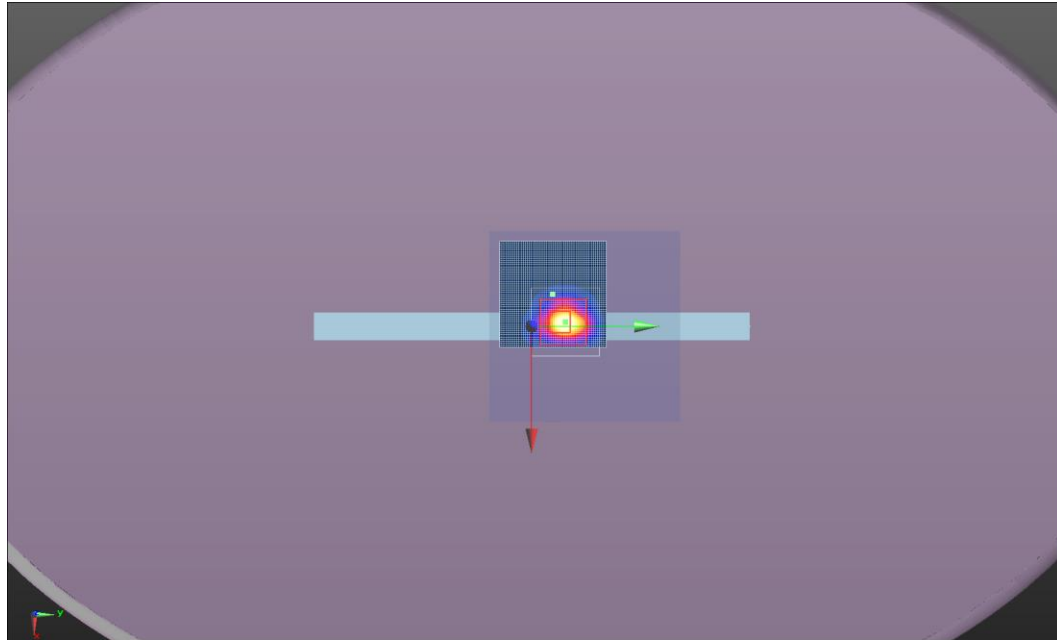
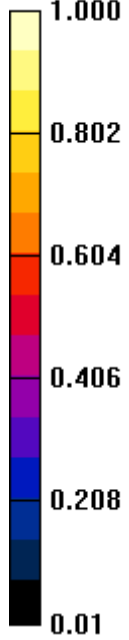
Maximum value of SAR (interpolated) = 1.27 W/kg

Maximum value of SAR (measured) = 0.206 W/kg

 
Approved By

SAR TEST DATA – 5.2 GHz

Test 107b
W/kg



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; $\sigma = 5.405$ S/m; $\epsilon_r = 46.781$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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

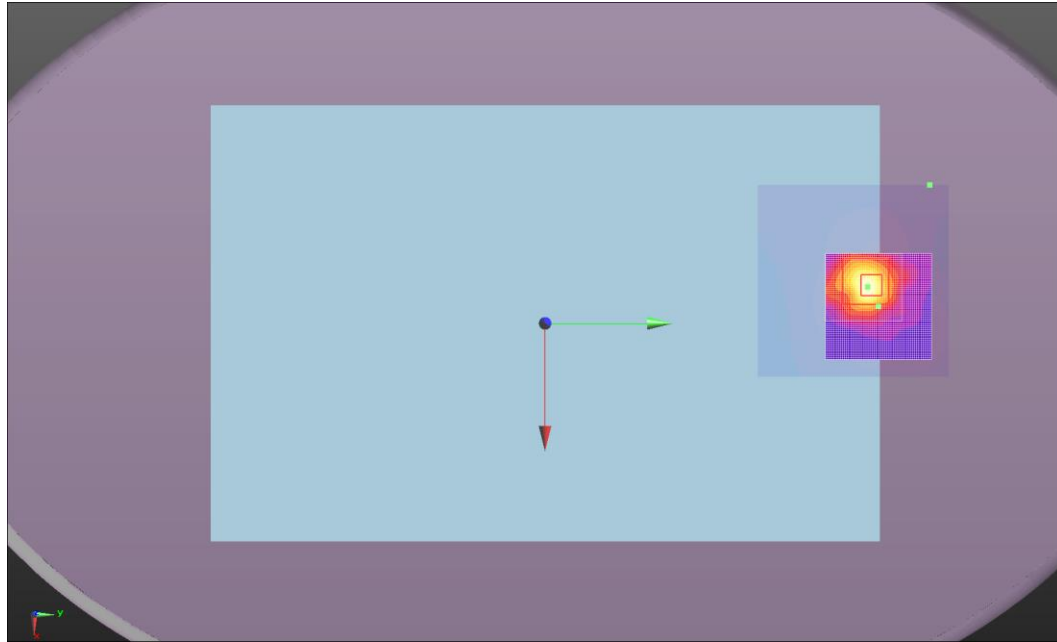
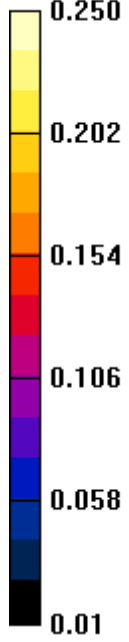
Maximum value of SAR (measured) = 0.185 W/kg



Approved By

SAR TEST DATA – 5.2 GHz

Test 108a
W/kg



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; $\sigma = 5.237$ S/m; $\epsilon_r = 47.474$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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.](#)

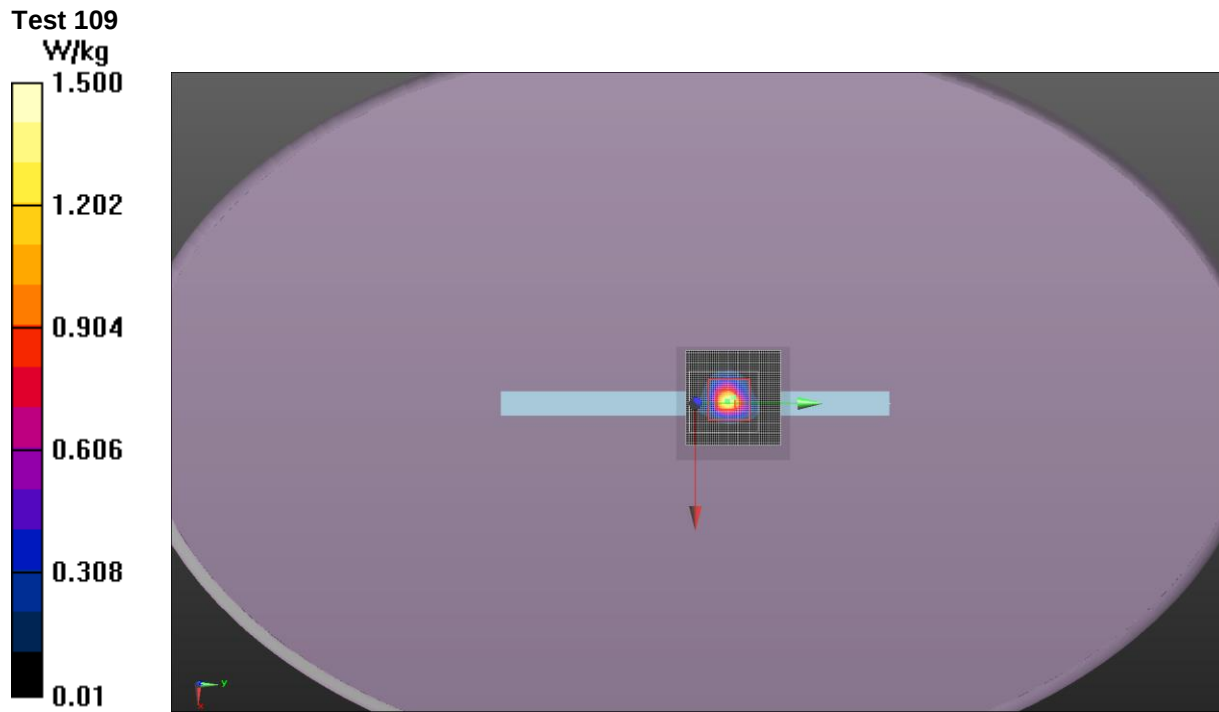
Maximum value of SAR (interpolated) = 1.48 W/kg

Maximum value of SAR (measured) = 0.234 W/kg



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):	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; $\sigma = 5.147$ S/m; $\epsilon_r = 47.665$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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

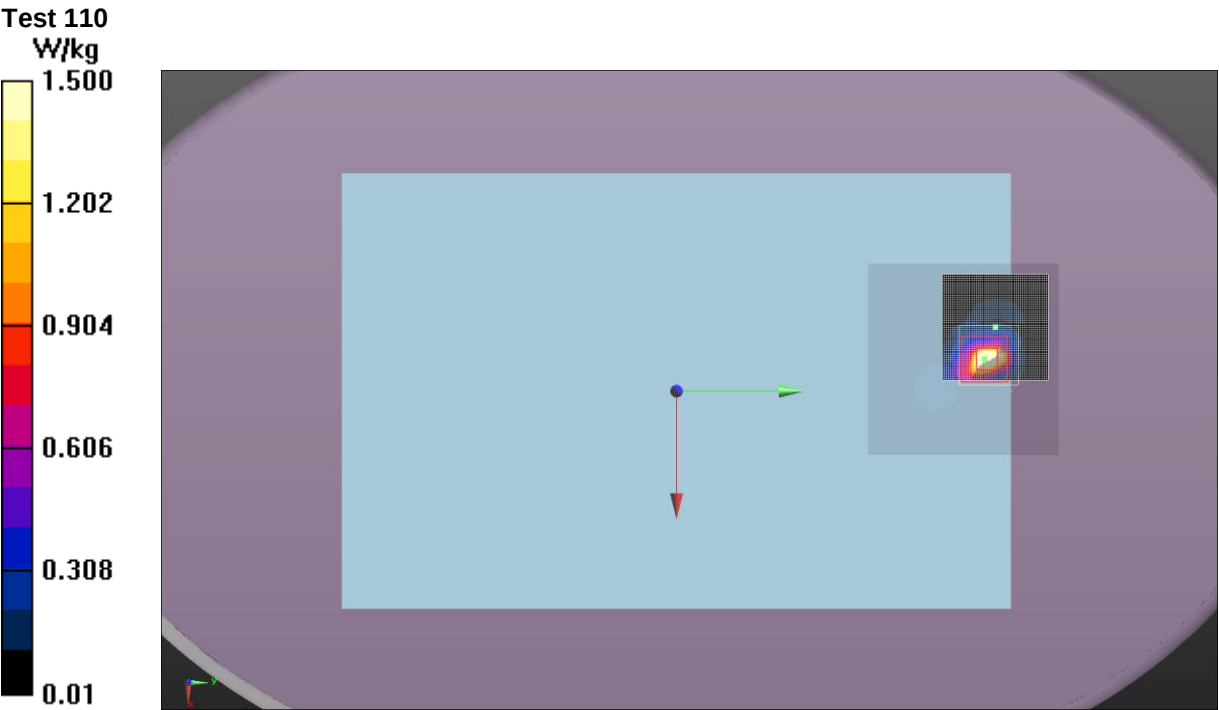
[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 2.04 W/kg

Maximum value of SAR (measured) = 0.581 W/kg

 
Approved By

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; $\sigma = 5.379$ S/m; $\epsilon_r = 46.909$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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.](#)

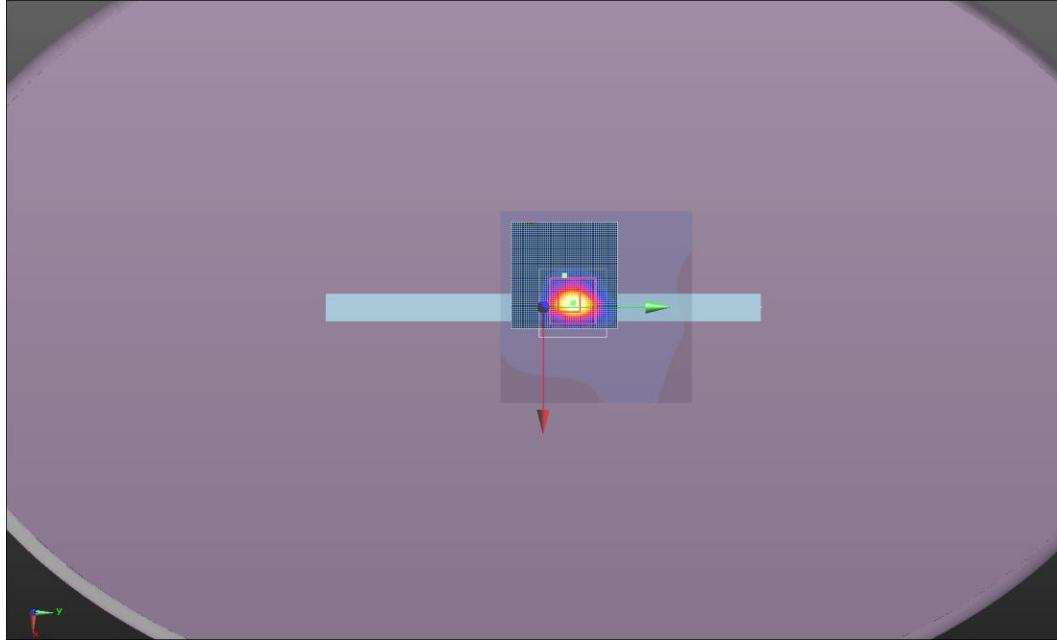
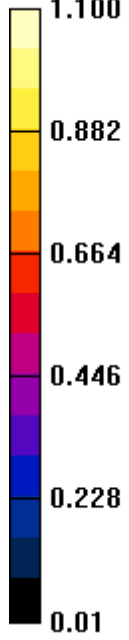
Maximum value of SAR (interpolated) = 1.32 W/kg

Maximum value of SAR (measured) = 0.182 W/kg

 
Approved By

SAR TEST DATA – 5.2 GHz

Test 111a
W/kg



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; $\sigma = 5.379$ S/m; $\epsilon_r = 46.909$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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

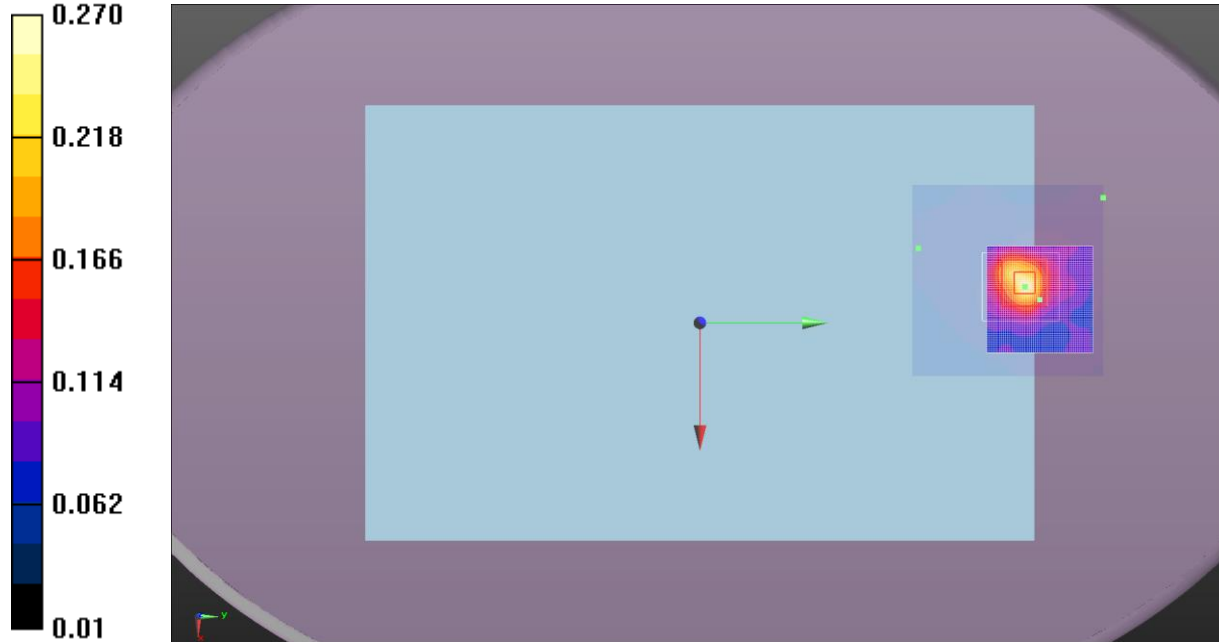
Maximum value of SAR (measured) = 0.189 W/kg



Approved By

SAR TEST DATA – 5.2 GHz

Test 112a
W/kg



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; $\sigma = 5.223$ S/m; $\epsilon_r = 47.452$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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

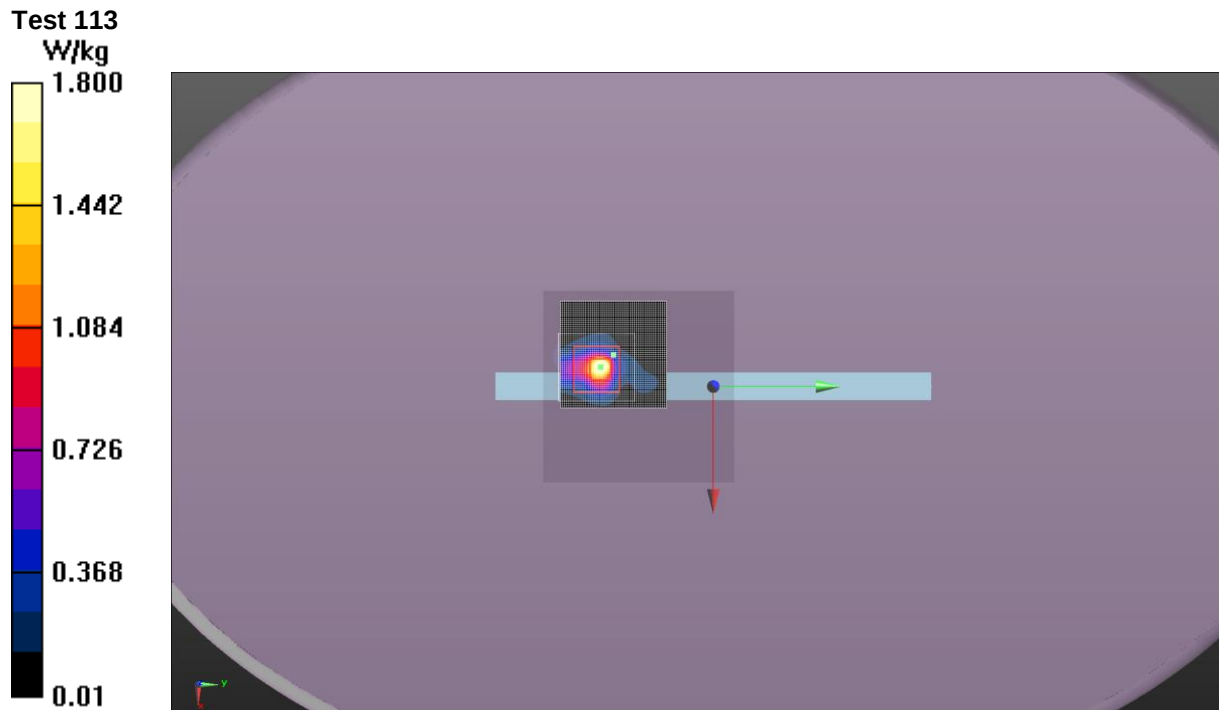
Body/Body/Area scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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; $\sigma = 5.27$ S/m; $\epsilon_r = 47.574$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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.](#)

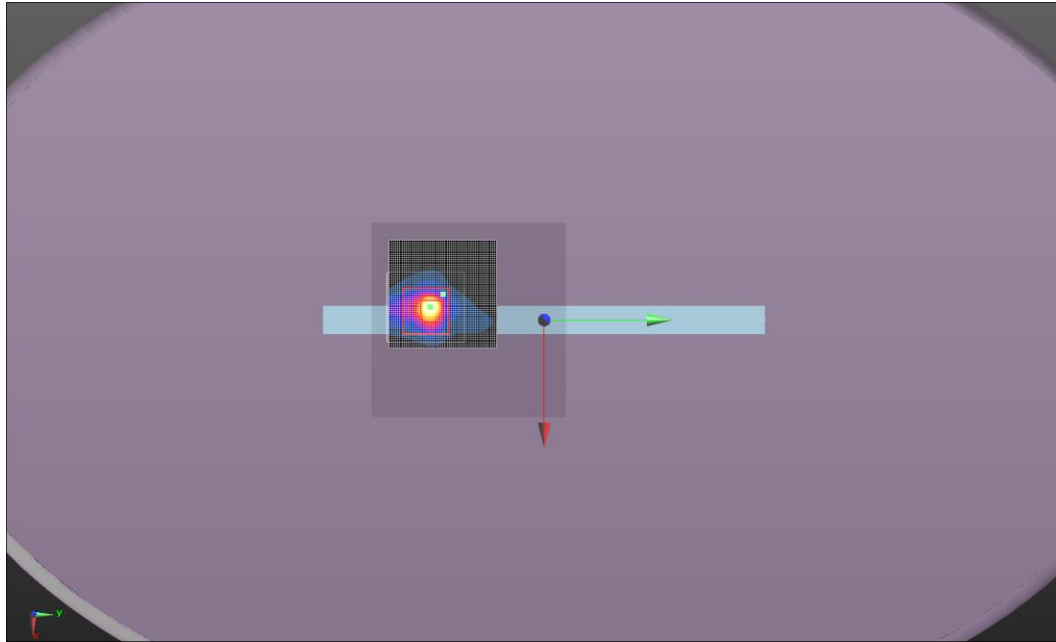
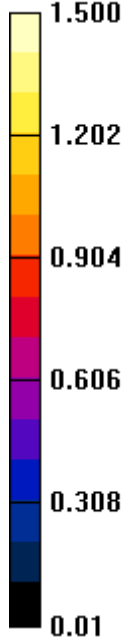
Maximum value of SAR (interpolated) = 1.88 W/kg

Maximum value of SAR (measured) = 0.329 W/kg

 
Approved By

SAR TEST DATA – 5.2 GHz

Test 113a
W/kg



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; $\sigma = 5.208$ S/m; $\epsilon_r = 47.447$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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.](#)

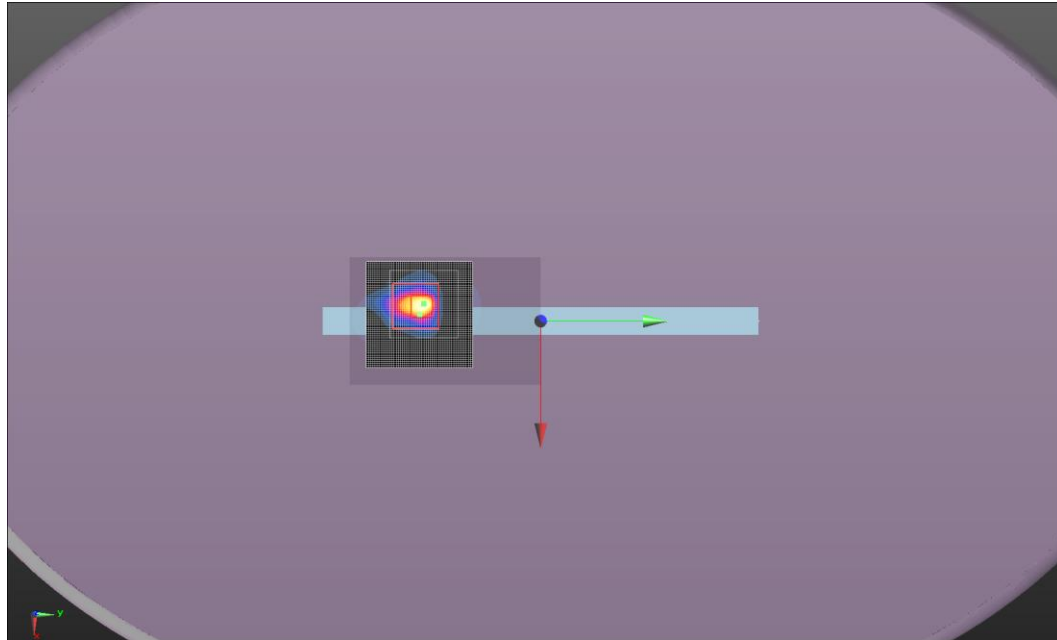
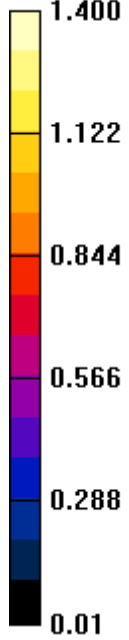
Maximum value of SAR (interpolated) = 1.50 W/kg

Maximum value of SAR (measured) = 0.282 W/kg

 
Approved By

SAR TEST DATA – 5.2 GHz

Test 113c
W/kg



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; $\sigma = 5.27$ S/m; $\epsilon_r = 47.574$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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

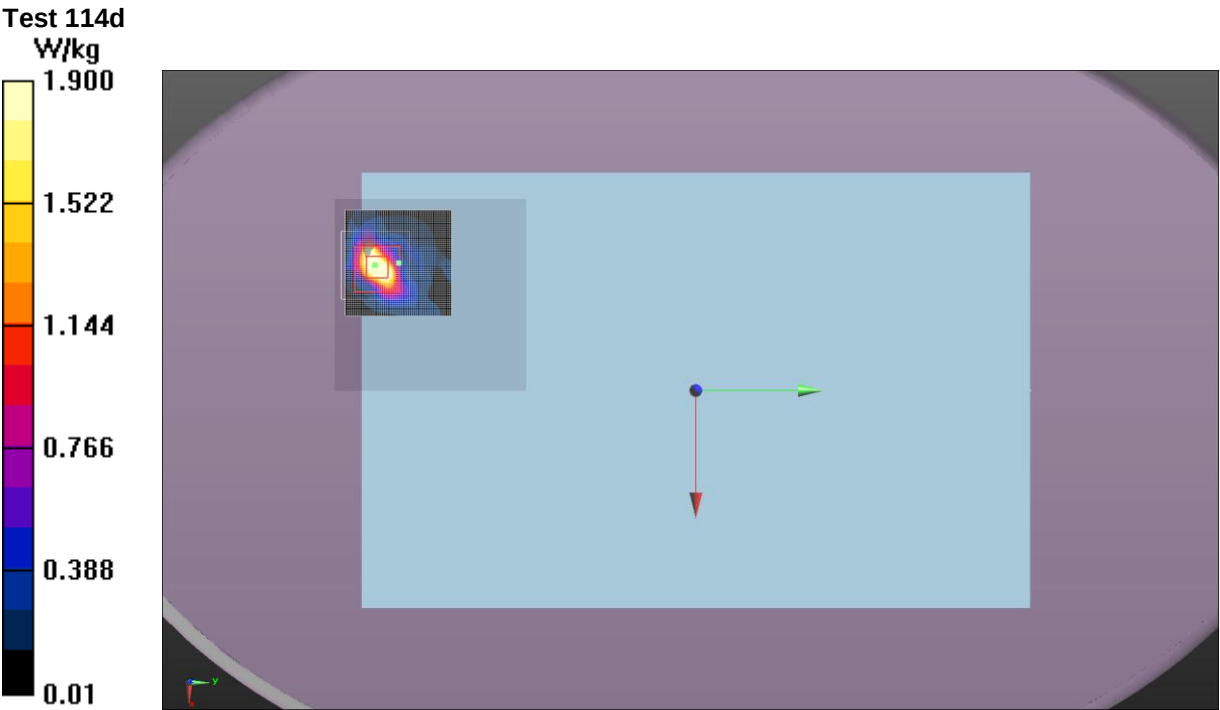
[Info: Interpolated medium parameters used for SAR evaluation.](#)

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; $\sigma = 5.223$ S/m; $\epsilon_r = 47.452$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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

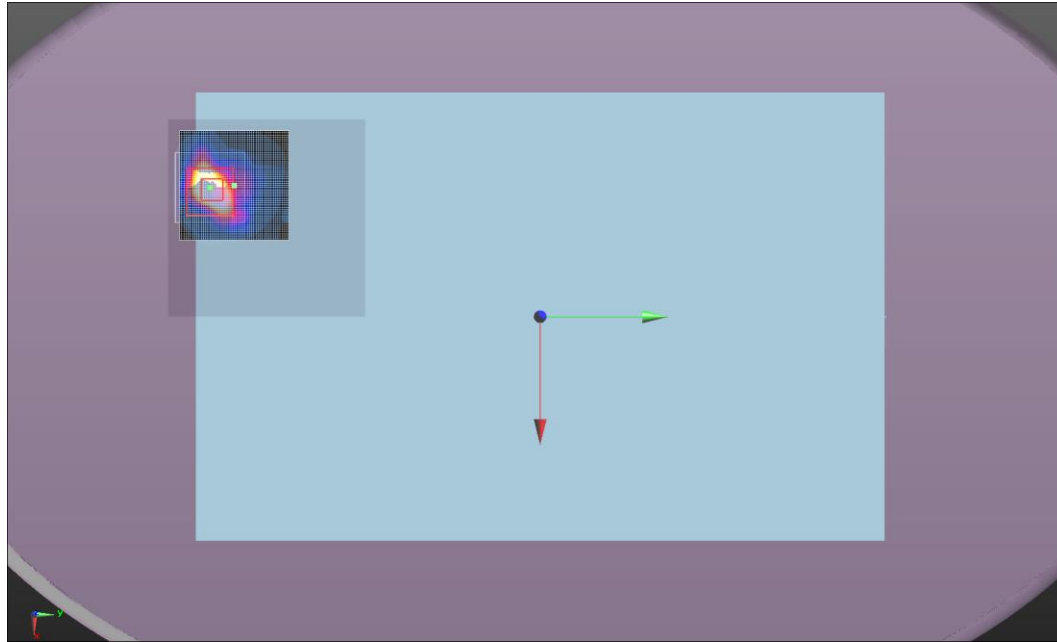
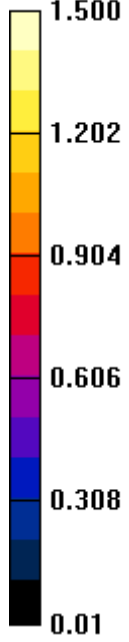
Maximum value of SAR (interpolated) = 2.66 W/kg

Maximum value of SAR (measured) = 0.717 W/kg

 
Approved By

SAR TEST DATA – 5.2 GHz

Test 114e
W/kg



SAR TEST DATA – 5.2 GHz

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; $\sigma = 5.133$ S/m; $\epsilon_r = 47.414$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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.](#)

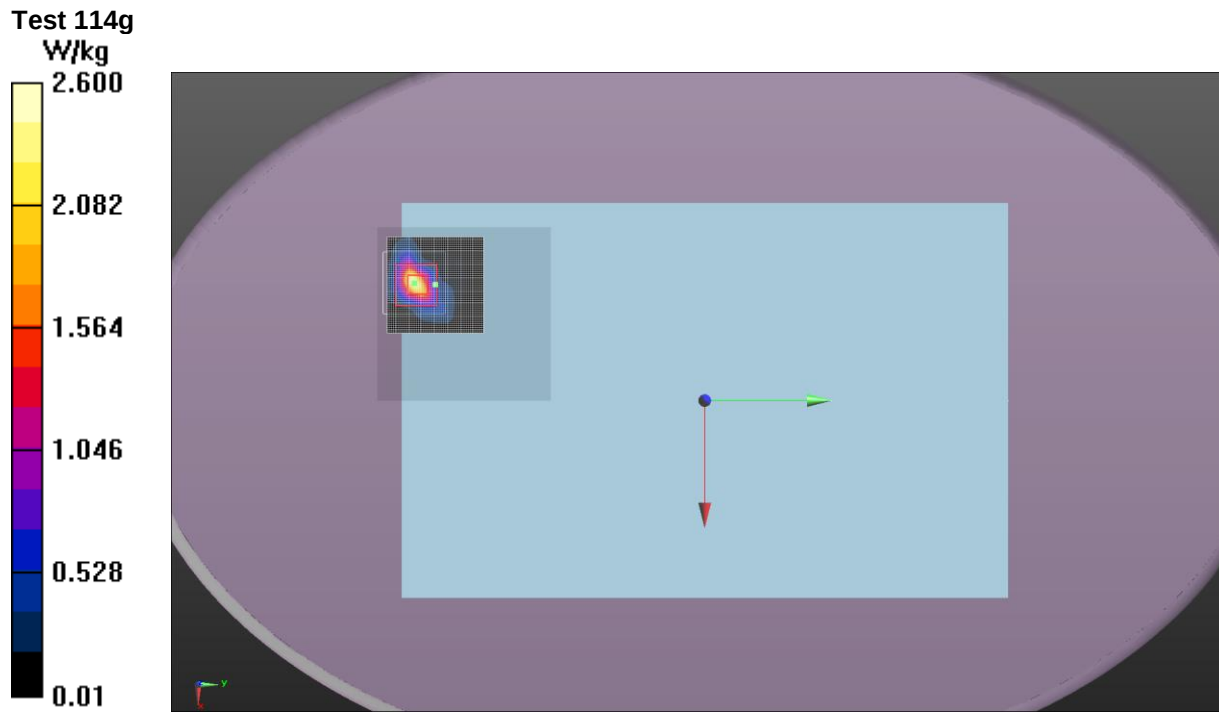
Maximum value of SAR (interpolated) = 2.61 W/kg

Maximum value of SAR (measured) = 0.636 W/kg



Approved By

SAR TEST DATA – 5.2 GHz



SAR TEST DATA – 5.2 GHz

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; $\sigma = 5.369$ S/m; $\epsilon_r = 46.992$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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

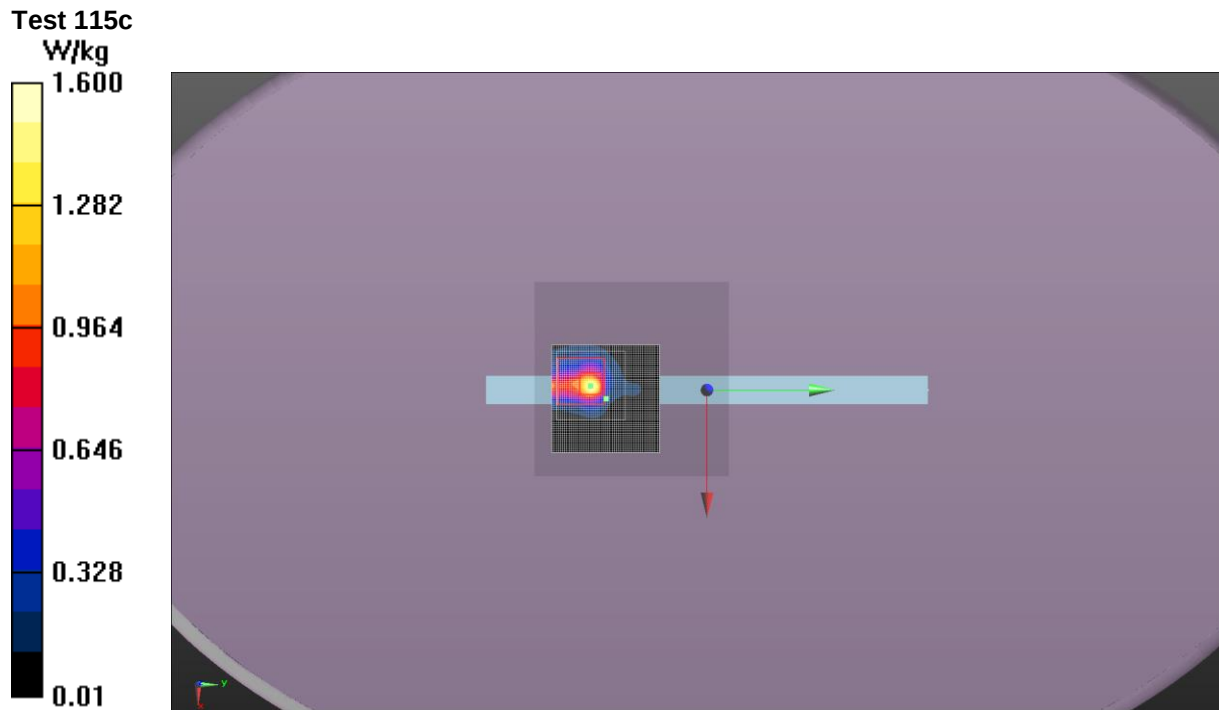
Maximum value of SAR (interpolated) = 1.62 W/kg

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; $\sigma = 5.369$ S/m; $\epsilon_r = 46.992$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- DASYS2 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

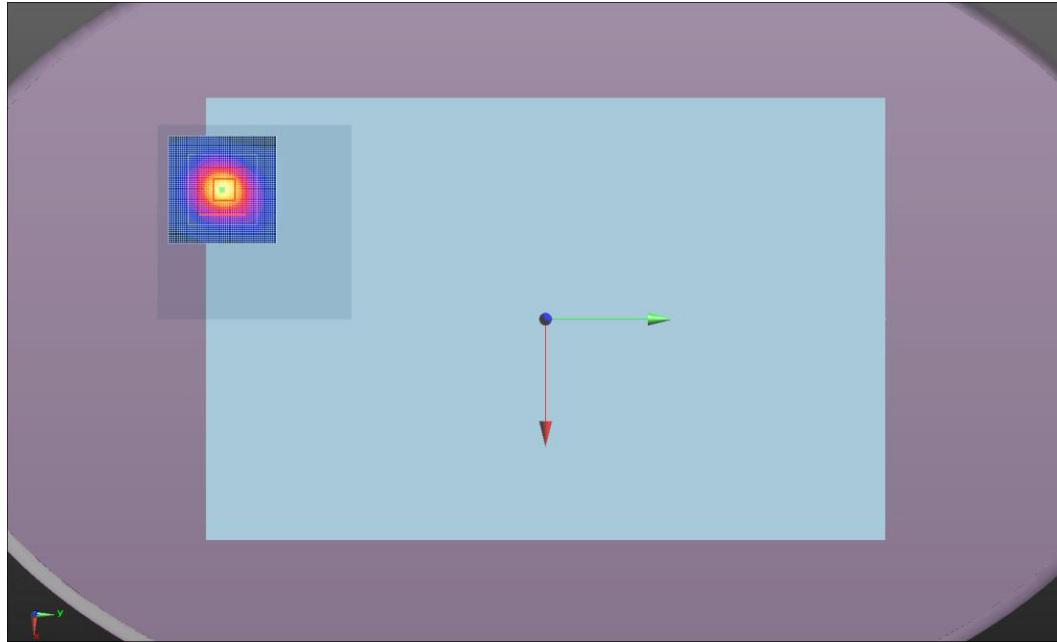
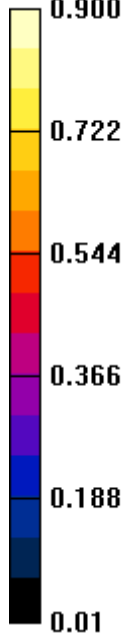
Maximum value of SAR (measured) = 0.265 W/kg



Approved By

SAR TEST DATA – 5.2 GHz

Test 116d
W/kg



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; $\sigma = 5.263$ S/m; $\epsilon_r = 47.53$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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.](#)

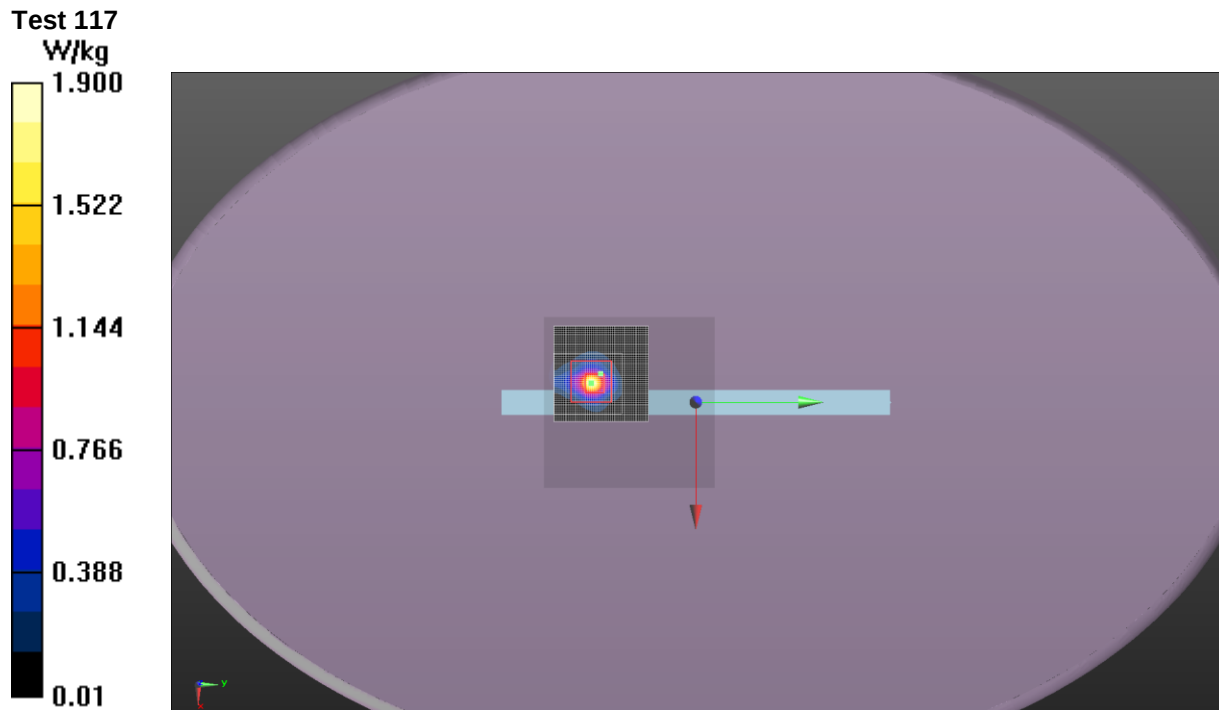
Maximum value of SAR (interpolated) = 1.94 W/kg

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; $\sigma = 5.178$ S/m; $\epsilon_r = 47.433$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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

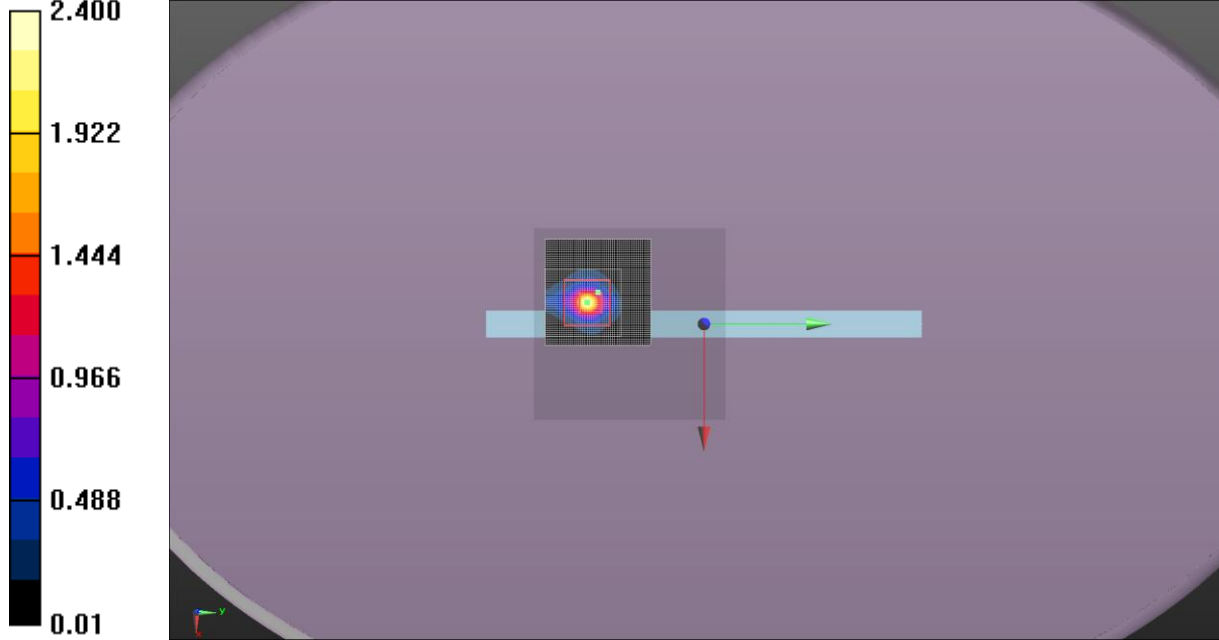
Maximum value of SAR (measured) = 0.403 W/kg



Approved By

SAR TEST DATA – 5.2 GHz

Test 117a
W/kg



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; $\sigma = 5.263$ S/m; $\epsilon_r = 47.53$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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

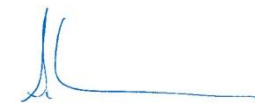
[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of Total (measured) = 12.51 V/m

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

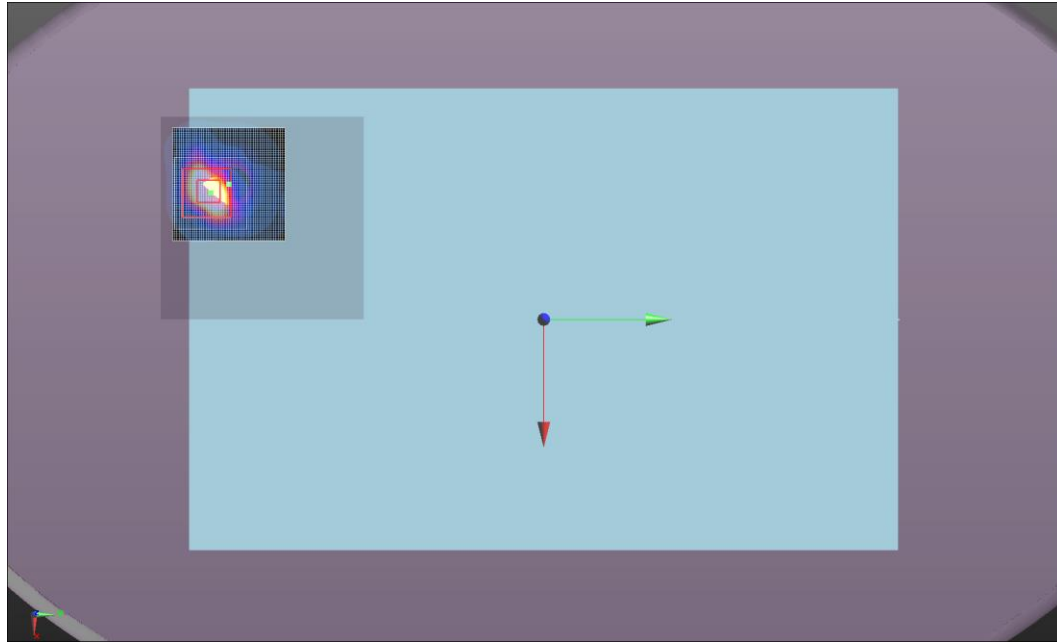
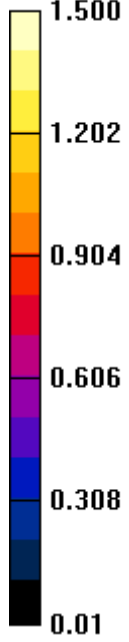
[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 2.70 W/kg

 
Approved By

SAR TEST DATA – 5.2 GHz

Test 118a
W/kg



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; $\sigma = 5.178$ S/m; $\epsilon_r = 47.433$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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

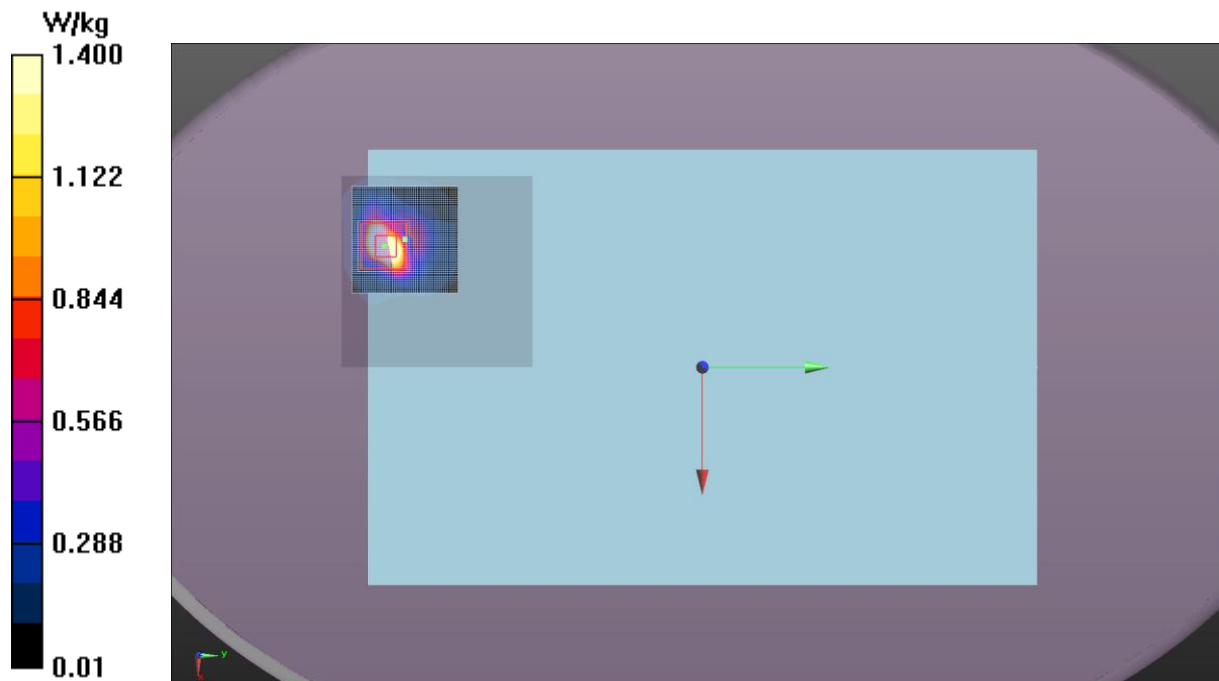
[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 2.36 W/kg

 
Approved By

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; $\sigma = 5.356$ S/m; $\epsilon_r = 47.359$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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.](#)

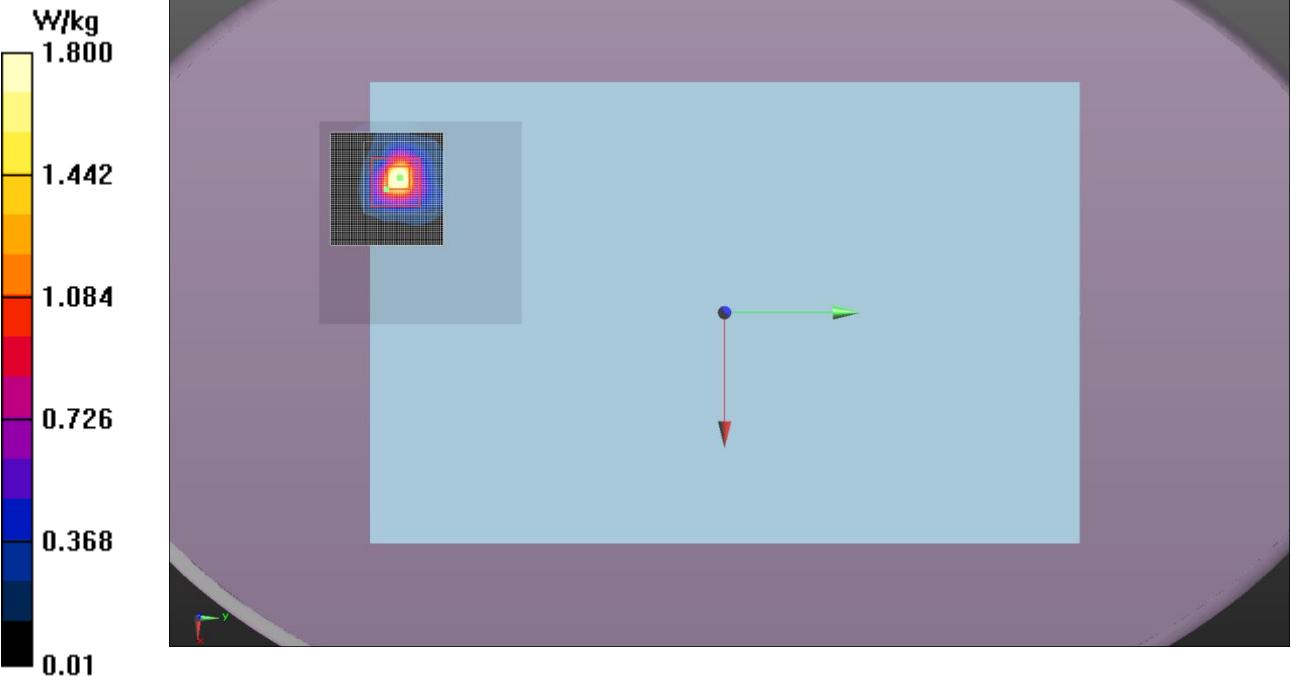
Maximum value of SAR (interpolated) = 2.30 W/kg

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; $\sigma = 5.356$ S/m; $\epsilon_r = 47.359$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

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.](#)

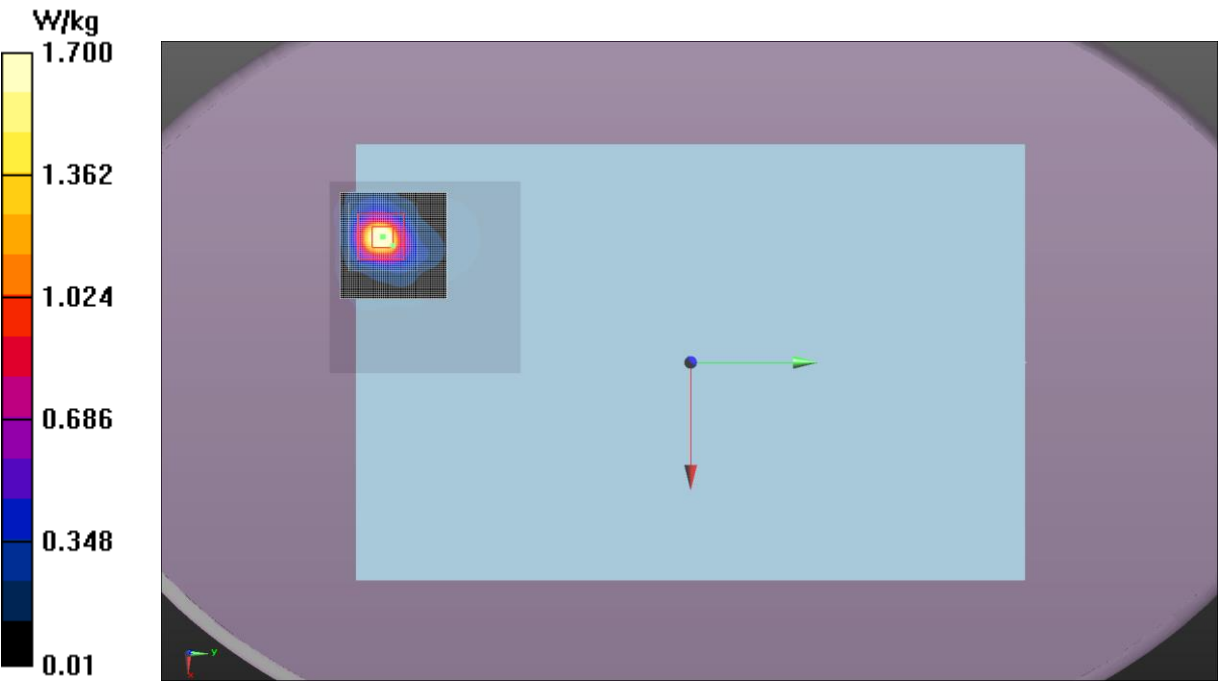
Maximum value of SAR (interpolated) = 2.25 W/kg

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; $\sigma = 5.356$ S/m; $\epsilon_r = 47.359$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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.](#)

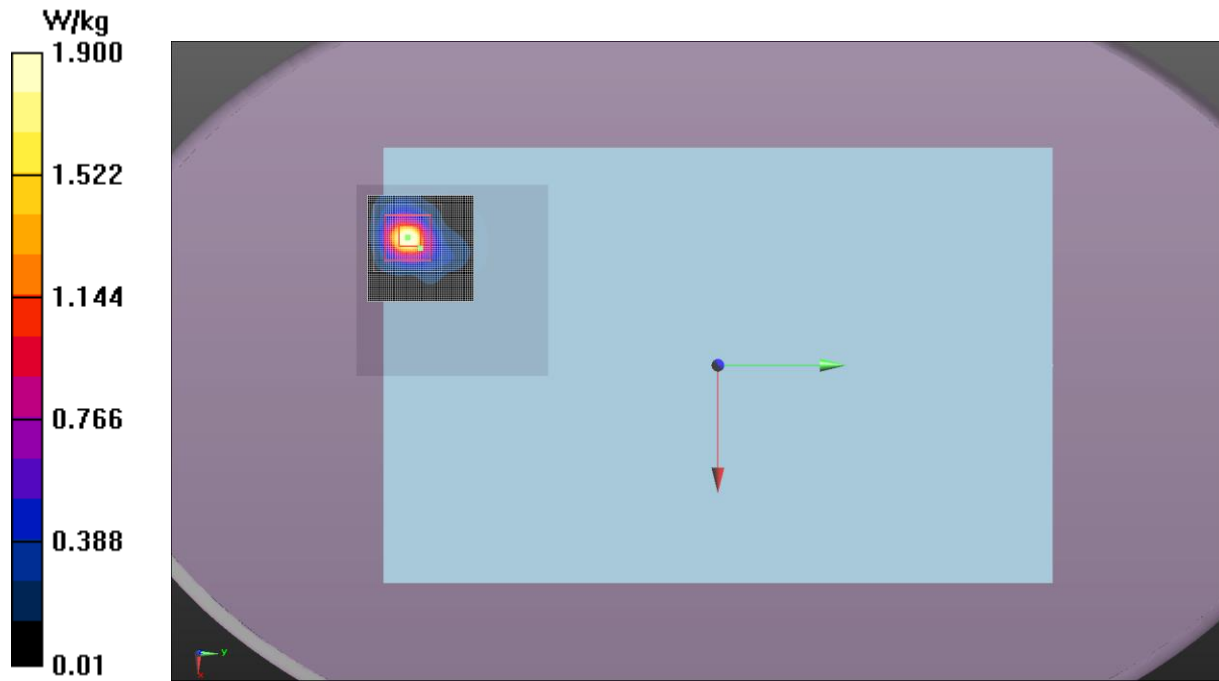
Maximum value of SAR (interpolated) = 2.28 W/kg

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; $\sigma = 5.405$ S/m; $\epsilon_r = 46.781$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

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

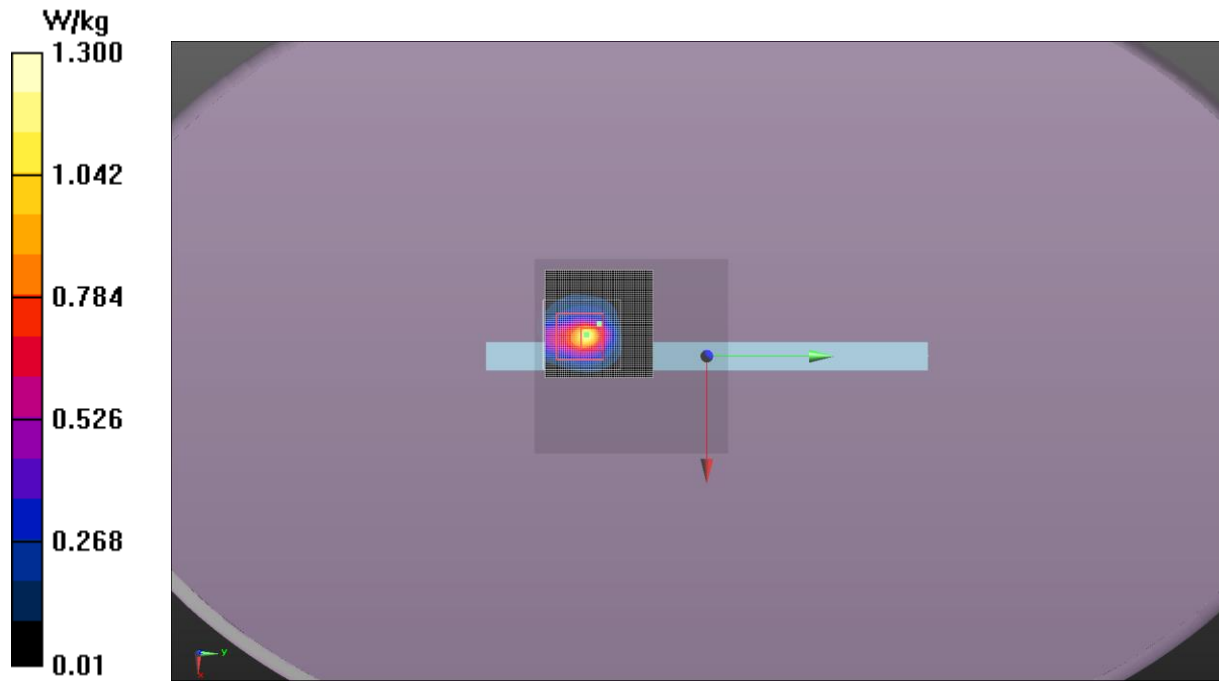
Maximum value of SAR (measured) = 0.177 W/kg



Approved By

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; $\sigma = 5.405$ S/m; $\epsilon_r = 46.781$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

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

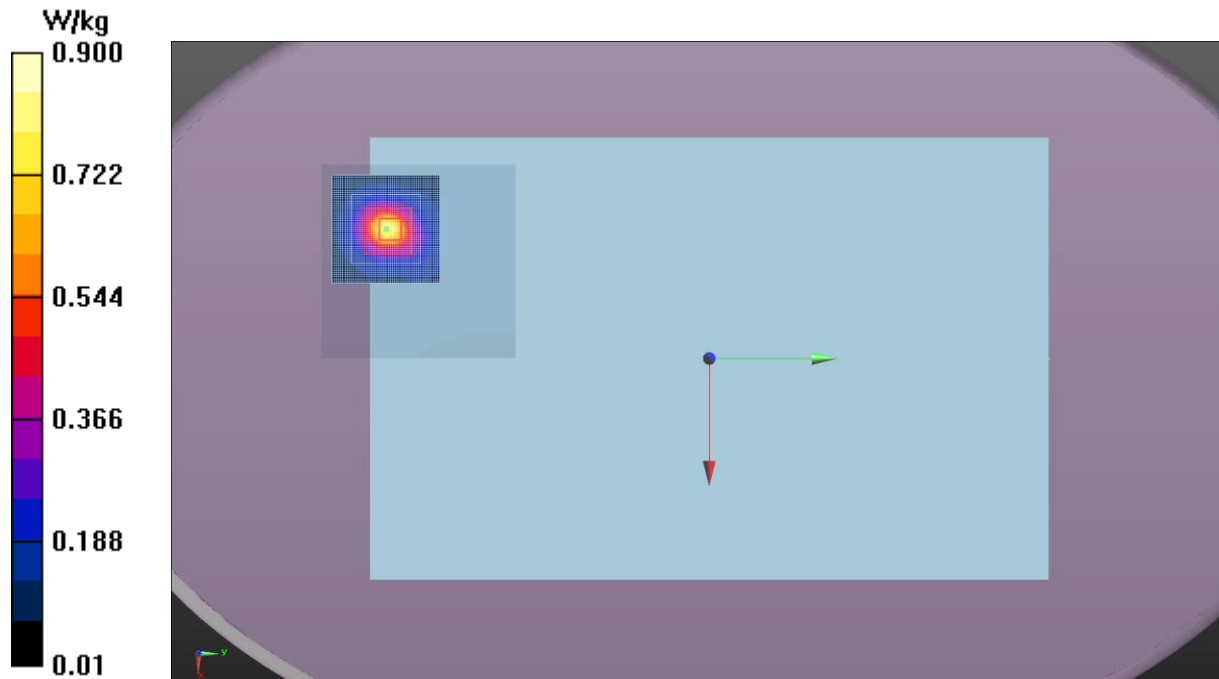
Maximum value of SAR (measured) = 0.267 W/kg



Approved By

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; $\sigma = 5.285$ S/m; $\epsilon_r = 47.391$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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.](#)

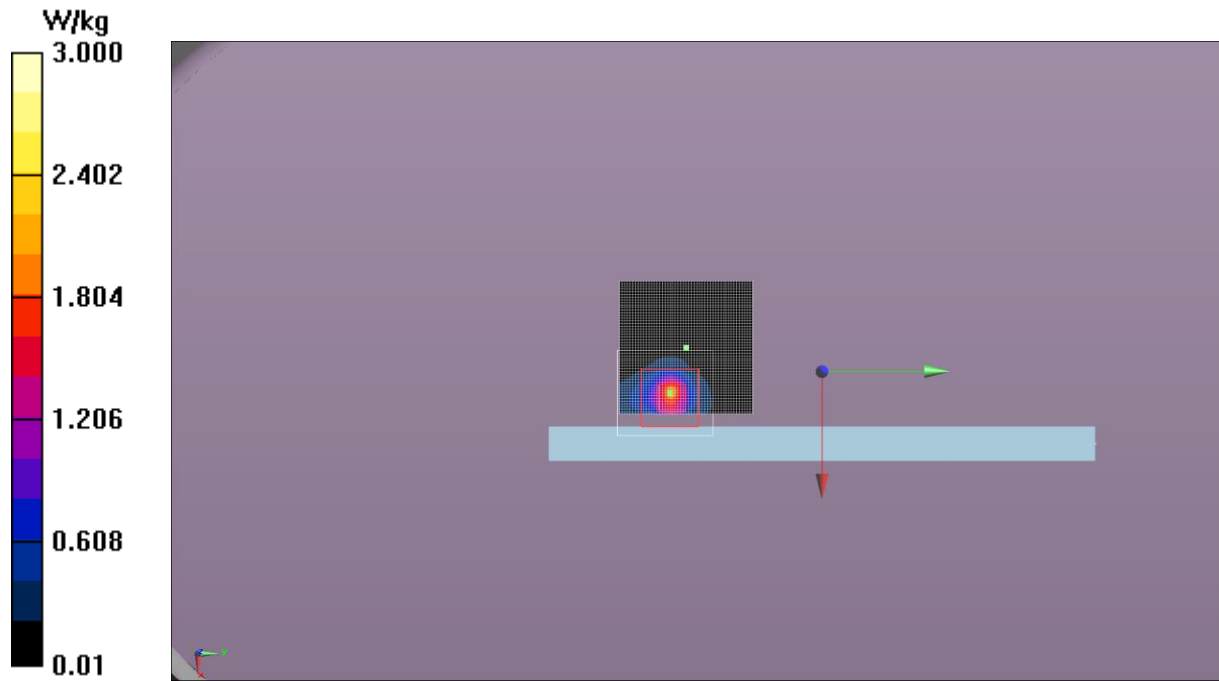
Maximum value of SAR (interpolated) = 1.98 W/kg

Maximum value of SAR (measured) = 0.372 W/kg

 
Approved By

SAR TEST DATA – 5.2 GHz

Test 121



SAR TEST DATA – 5.2 GHz

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; $\sigma = 5.237$ S/m; $\epsilon_r = 47.474$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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

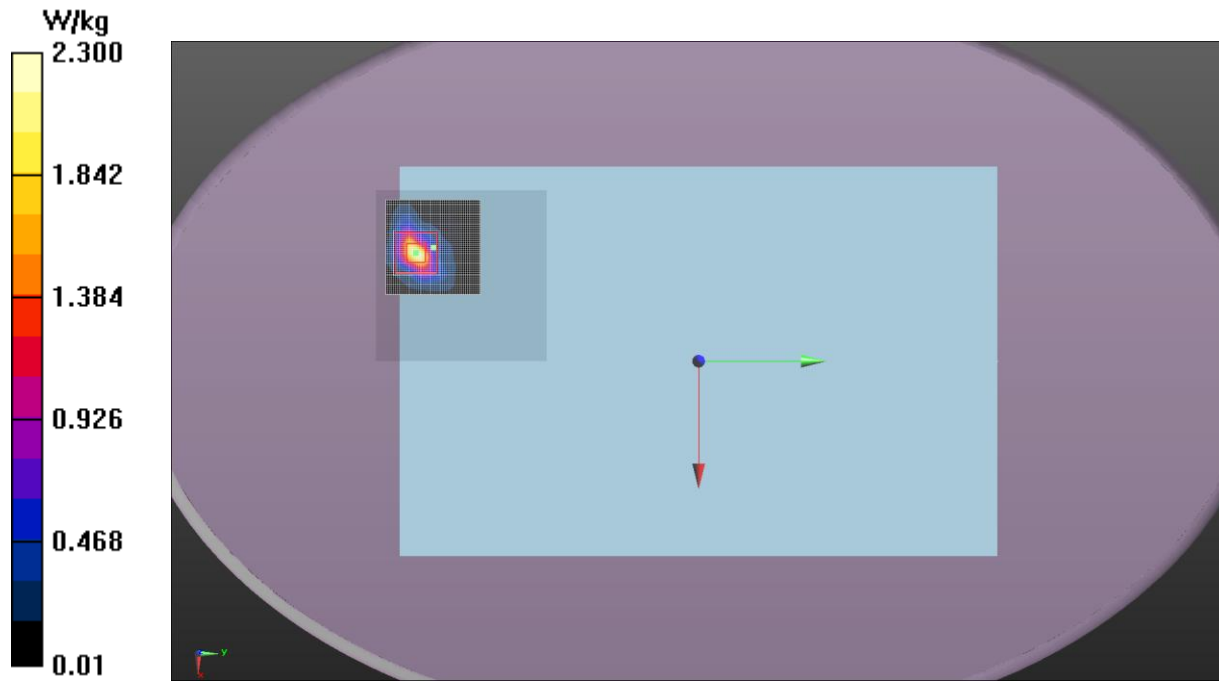
Maximum value of SAR (measured) = 0.657 W/kg



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; $\sigma = 5.379$ S/m; $\epsilon_r = 46.909$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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

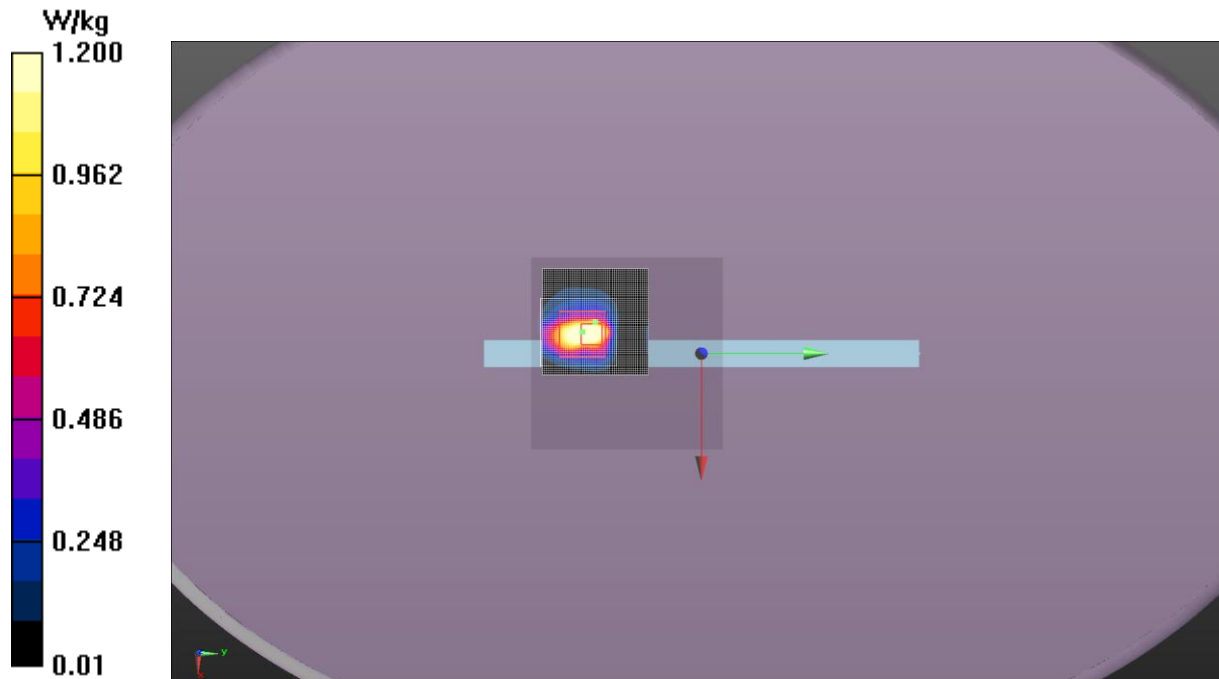
Maximum value of SAR (measured) = 0.220 W/kg



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; $\sigma = 5.379$ S/m; $\epsilon_r = 46.909$; $\rho = 1000$ kg/m³, Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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

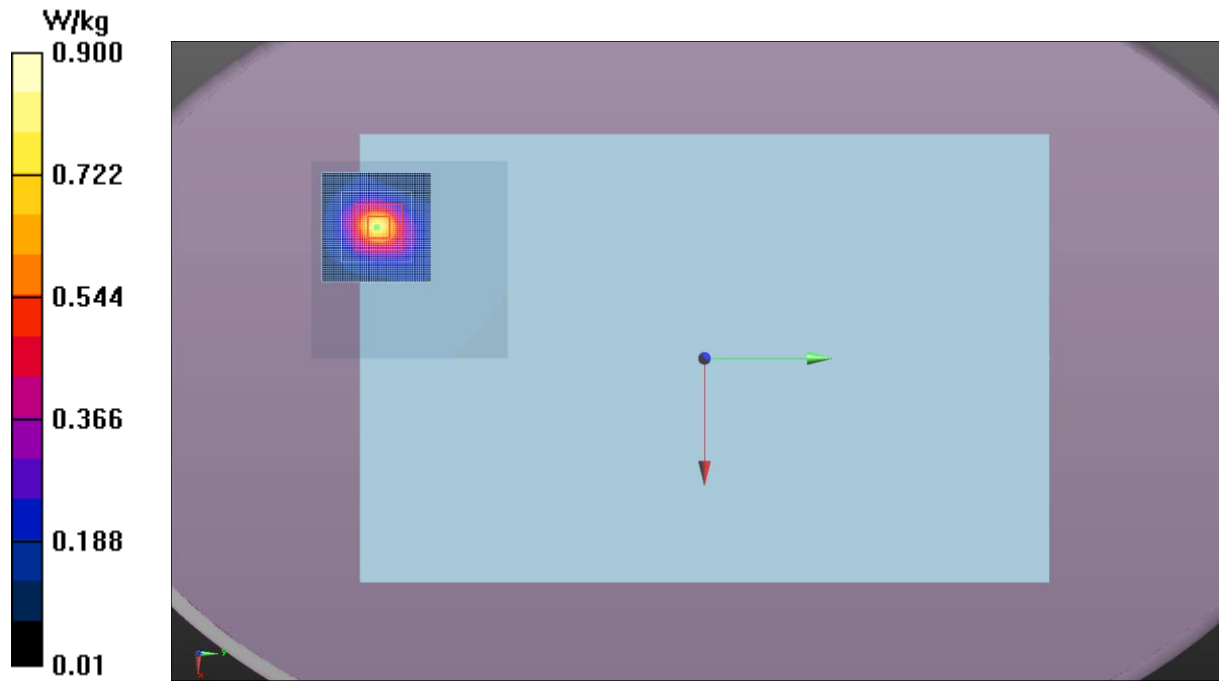
Maximum value of SAR (measured) = 0.278 W/kg



Approved By

SAR TEST DATA – 5.2 GHz

Test 124a



SAR TEST DATA – 5.2 GHz

Test 118n

