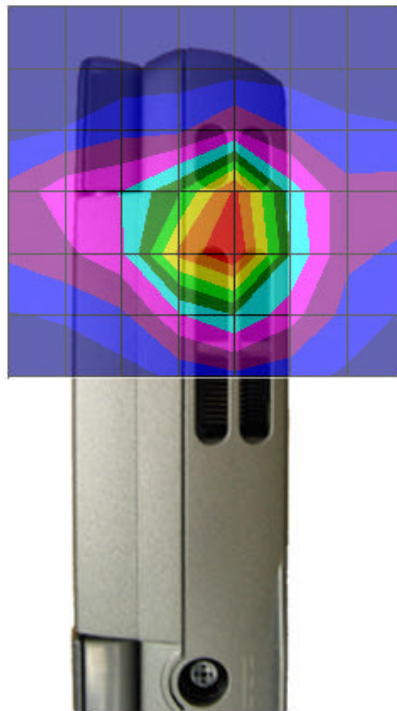


GRAPH 1

Direct contact SAR (10g)
Vertical
Distance 0 mm
Low Channel
Frequency: 2412 MHz
Test Scenario 1
Duty Cycle 1



Date	Dielectric Constant ϵ_r	Conductivity σ [S/m]	Probe Con/F	Tissue Temp (°C)	10g SAR (W/kg)	Power Drift
27/03/03	50.13	2.04	5.6	21	0.54	0



SAR DATA REPORT

SAR DATA REPORT LATITUDE#1 SCAN07-1

START : 27-FEB-03 01:39:03 PM
END : 27-FEB-03 01:44:58 PM
CODE VERSION : 4.12
ROBOT VERSION: 4.08

PRODUCT DATA:

TYPE : DELL LATITUDE #1
FREQUENCY : 2412 MHZ
ANTENNA TYPE : NEWEB
ANTENNA POSN. : INTERNAL

MEASUREMENT DATA:

PHANTOM NAME : APREL-UNI
PHANTOM TYPE : UNIPHANTOM
TISSUE TYPE : MUSCLE
TISSUE DIELECTRIC : 50.130
TISSUE CONDUCTIVITY : 2.040
TISSUE DENSITY : 1.000
CREST FACTOR : 1.000
ROBOT NAME : CRS

PROBE DATA:

PROBE NAME : 163
PROBE TYPE : E FLD TRIANGLE
FREQUENCY : 2450 MHZ
TISSUE TYPE : MUSCLE
CALIBRATED DIELECTRIC : 50.130
CALIBRATED CONDUCTIVITY : 2.040
PROBE OFFSET : 2.500 MM
CONVERSION FACTOR : 5.600
DIODE COMPRESSION PT : 76.0 MV
PROBE SENSITIVITY : 0.580 0.580 0.580 MV/(MW/CM^2)
AMPLIFIER GAINS : 20.00 20.00 20.00
CHAN. OFFSET (MV) : 2.38 1.71 -1.53

SAMPLE:

RATE: 6000 SAMPLES/SEC
COUNT: 1000 SAMPLES
NIDAQ GAIN: 5
SCAN TIME: 166.7 MSEC

COMMENTS:

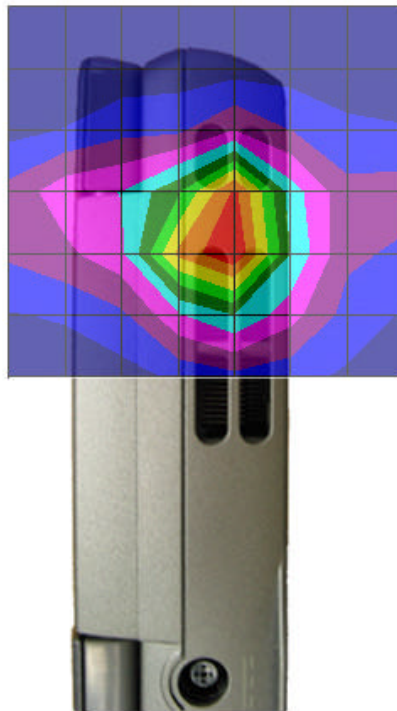
VERTICAL, 0MM

AREA SCAN - MAX LOCAL SAR VALUE AT X=25.0 Y=-19.0 = 1.01 W/KG
ZOOM SCAN - MAX LOCAL SAR VALUE AT X=33.0 Y=-27.0 Z=0.0 = 3.19 W/KG
MAX 1G SAR AT X=25.0 Y=-19.0 Z=0.0 = 1.28 W/KG
MAX 10G SAR AT X=26.0 Y=-20.0 Z=0.0 = 0.54 W/KG



GRAPH 2

Body SAR (1g)
Vertical
Distance 0 mm
Low Channel
Frequency: 2412 MHz
Test Scenario 1
Duty Cycle 1

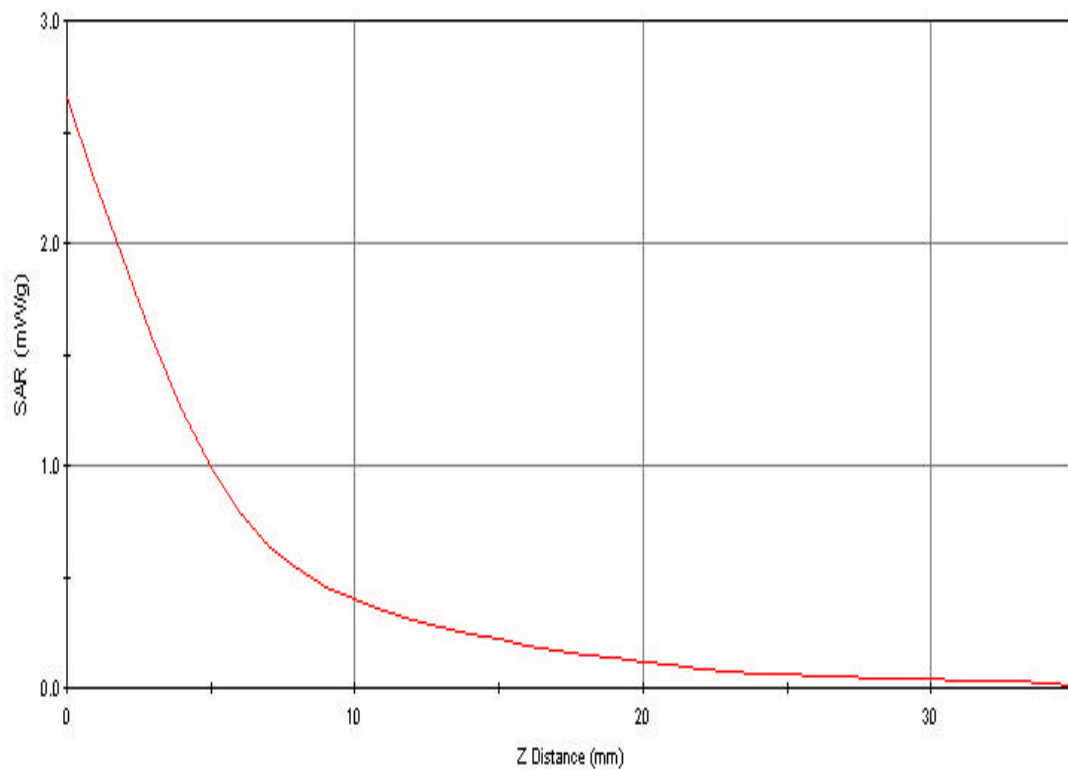


Date	Dielectric Constant ϵ_r	Conductivity σ [S/m]	Probe Con/F	Tissue Temp ($^{\circ}\text{C}$)	1g SAR (W/kg)	Power Drift
27/03/03	50.13	2.04	5.6	21	1.28	0



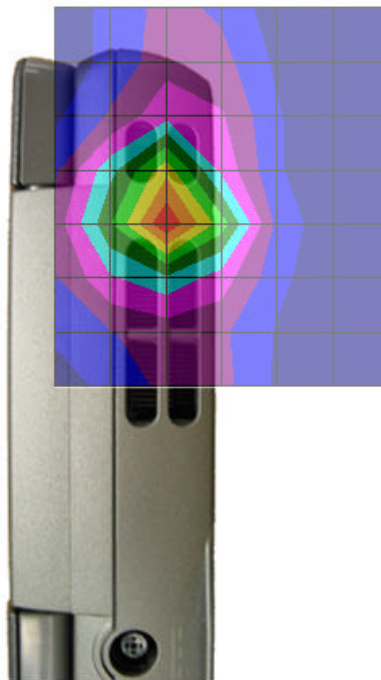
Z AXIS PLOT FOR GRAPHS 1 AND 2

SAR - Z Axis
at Hotspot x:20.0 y:-22.0



GRAPH 3

Body SAR (1g)
Vertical
Distance 0 mm
Mid Channel
Frequency: 2437 MHz
Test Scenario 1
Duty Cycle 1

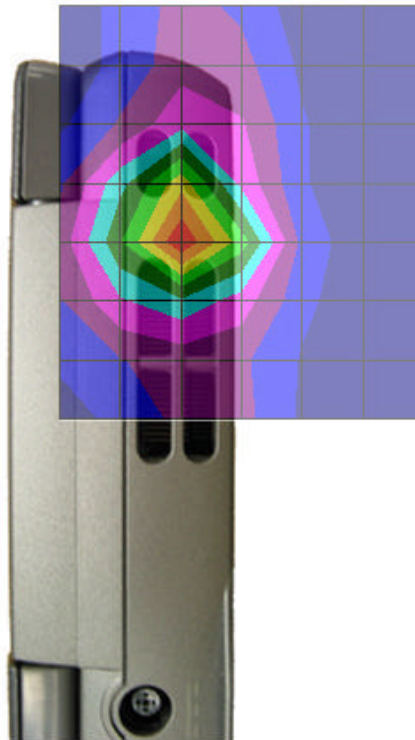


Date	Dielectric Constant ϵ_r	Conductivity σ [S/m]	Probe Con/F	Tissue Temp (°C)	1g SAR (W/kg)	Power Drift
27/03/03	50.13	2.04	5.6	21	1.12	0



GRAPH 4

Direct Contact SAR (10g)
Vertical
Distance 0 mm
Mid Channel
Frequency: 2437 MHz
Test Scenario 1
Duty Cycle 1

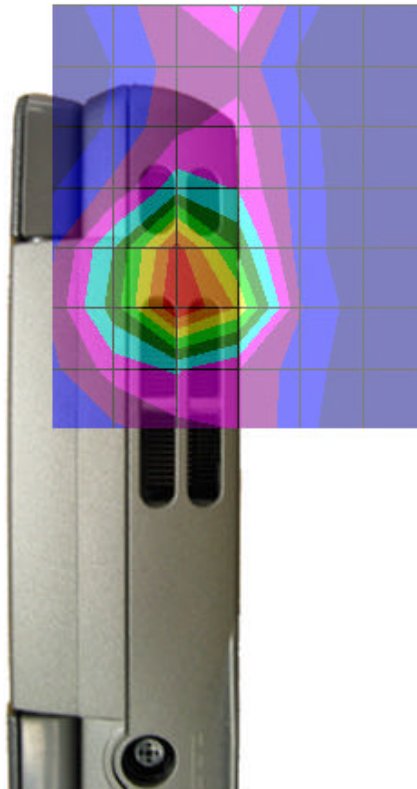


Date	Dielectric Constant ϵ_r	Conductivity σ [S/m]	Probe Con/F	Tissue Temp (°C)	10g SAR (W/kg)	Power Drift
27/03/03	50.13	2.04	5.6	21	0.49	0



GRAPH 5

Body SAR (1g)
Vertical
Distance 0 mm
High Channel
Frequency: 2462 MHz
Test Scenario 1
Duty Cycle 1

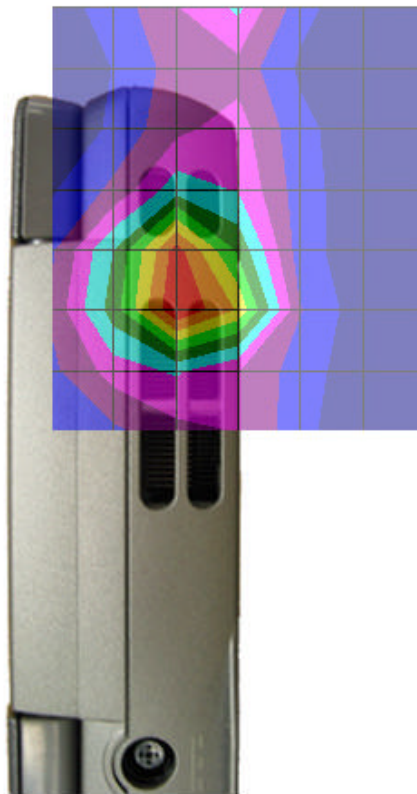


Date	Dielectric Constant ϵ_r	Conductivity σ [S/m]	Probe Con/F	Tissue Temp (°C)	1g SAR (W/kg)	Power Drift
27/03/03	50.13	2.04	5.6	21	1.23	0



Graph 6

Direct Contact SAR (10g)
Vertical
Distance 0 mm
High Channel
Frequency: 2462 MHz
Test Scenario 1
Duty Cycle 1

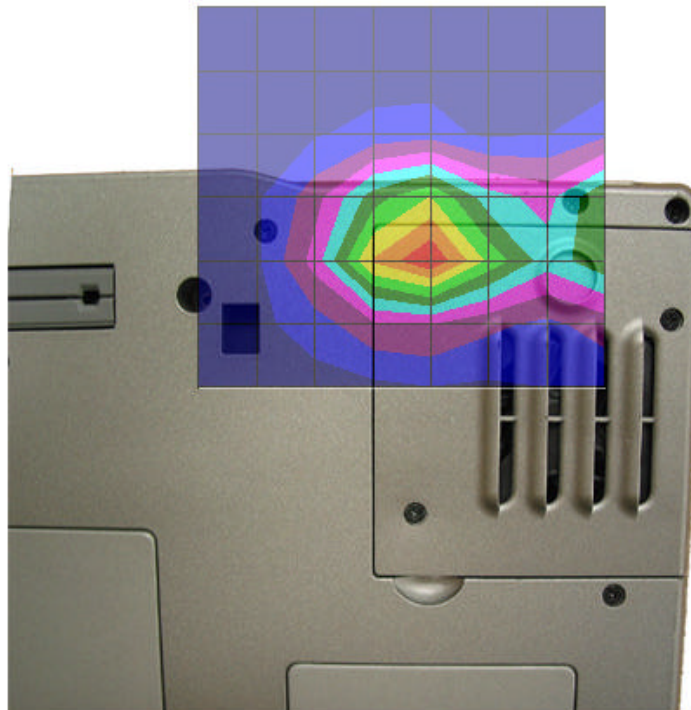


Date	Dielectric Constant ϵ_r	Conductivity σ [S/m]	Probe Con/F	Tissue Temp (°C)	10g SAR (W/kg)	Power Drift

27/03/03	50.13	2.04	5.6	21	0.52	0
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GRAPH 7

Body SAR (1g)
Keyboard Down
Distance 0 mm
Low Channel
Frequency: 2412 MHz
Test Scenario 1
Duty Cycle 1

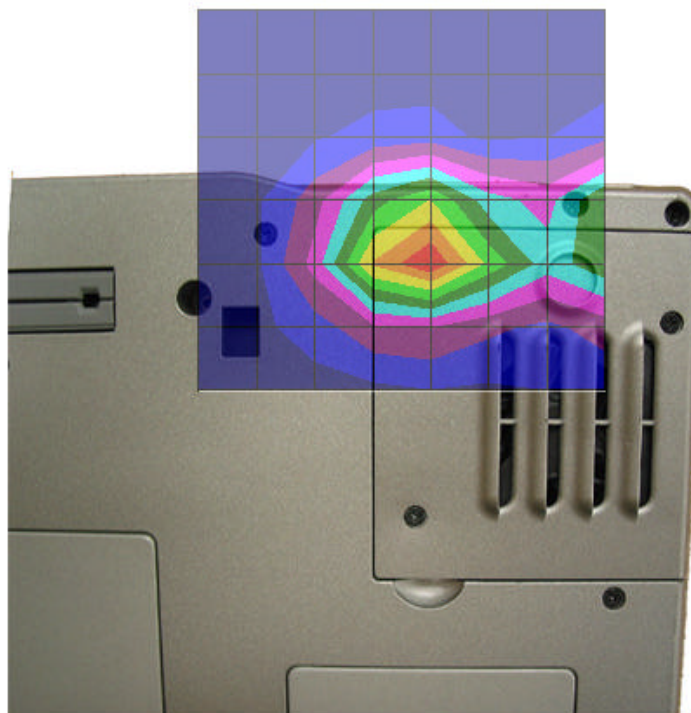


Date	Dielectric Constant ϵ_r	Conductivity σ [S/m]	Probe Con/F	Tissue Temp (°C)	1g SAR (W/kg)	Power Drift
27/03/03	50.13	2.04	5.6	21	0.69	0



GRAPH 8

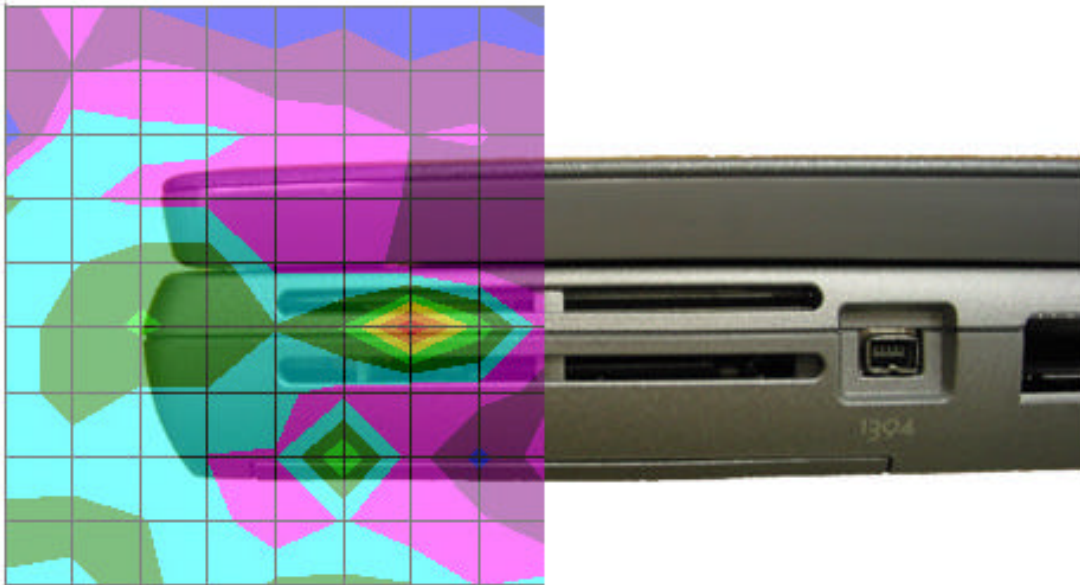
Direct Contact SAR (10g)
Keyboard Down
Distance 0 mm
Low Channel
Frequency: 2412 MHz
Test Scenario 1
Duty Cycle 1



Date	Dielectric Constant ϵ_r	Conductivity σ [S/m]	Probe Con/F	Tissue Temp (°C)	10g SAR (W/kg)	Power Drift
27/03/03	50.13	2.04	5.6	21	0.37	0

GRAPH 9

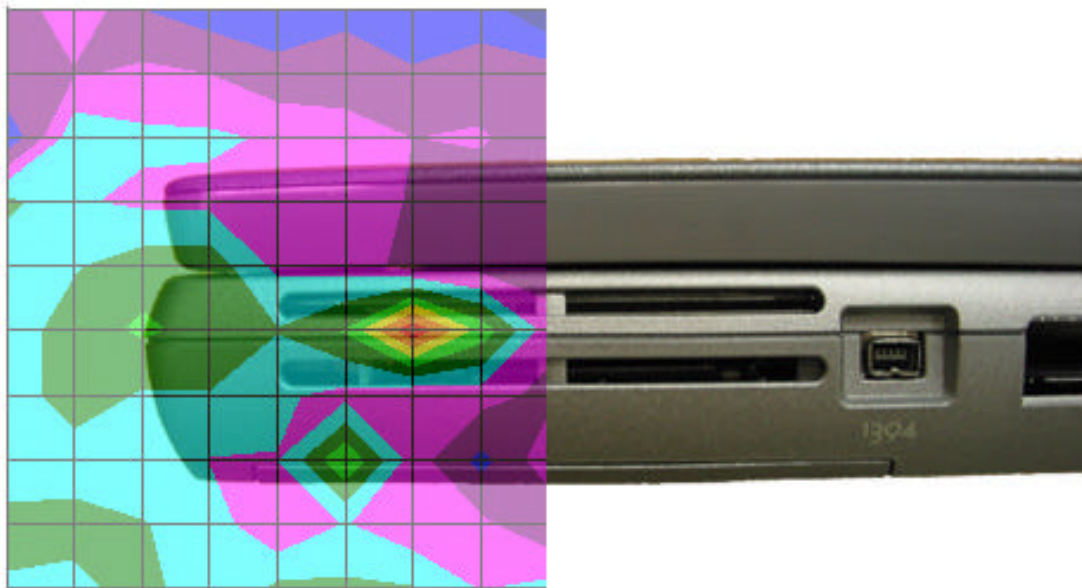
Body SAR (1g)
Left Side
Distance 0 mm
Low Channel
Frequency: 2412 MHz
Test Scenario 1
Duty Cycle 1



Date	Dielectric Constant ϵ_r	Conductivity σ [S/m]	Probe Con/F	Tissue Temp (°C)	1g SAR (W/kg)	Power Drift
27/03/03	50.13	2.04	5.6	21	0.53	0

GRAPH 10

Direct Contact SAR (10g)
Left Side
Distance 0 mm
Low Channel
Frequency: 2412 MHz
Test Scenario 1
Duty Cycle 1



Date	Dielectric Constant ϵ_r	Conductivity σ [S/m]	Probe Con/F	Tissue Temp (°C)	10g SAR (W/kg)	Power Drift
27/03/03	50.13	2.04	5.6	21	0.47	0

GRAPH 11

Body SAR (1g)
Keyboard Up
Distance 0 mm
Low Channel
Frequency: 2412 MHz
Test Scenario 1
Duty Cycle 1



Date	Dielectric Constant ϵ_r	Conductivity σ [S/m]	Probe Con/F	Tissue Temp (°C)	1g SAR (W/kg)	Power Drift
27/03/03	50.13	2.04	5.6	21	0.17	0

GRAPH 12

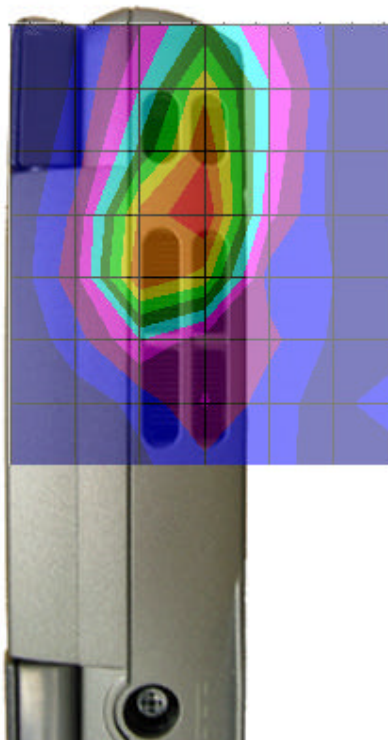
Direct Contact SAR (10g)
Keyboard Up
Distance 0 mm
Low Channel
Frequency: 2412 MHz
Test Scenario 1
Duty Cycle 1



Date	Dielectric Constant ϵ_r	Conductivity σ [S/m]	Probe Con/F	Tissue Temp (°C)	10g SAR (W/kg)	Power Drift
27/03/03	50.13	2.04	5.6	21	0.16	0

GRAPH 13

Direct contact SAR (10g)
Vertical
Distance 0 mm
Low Channel
Frequency: 2412 MHz
Test Scenario 2
Duty Cycle 1



Date	Dielectric Constant ϵ_r	Conductivity σ [S/m]	Probe Con/F	Tissue Temp (°C)	10g SAR (W/kg)	Power Drift
28/03/03	50.13	2.04	5.6	21	0.53	0

SAR DATA REPORT

SAR DATA REPORT LATITUDE#2 SCAN01

START : 28-FEB-03 03:07:42 PM
END : 28-FEB-03 03:13:38 PM
CODE VERSION : 4.12
ROBOT VERSION: 4.08

PRODUCT DATA:

TYPE : DELL LATITUDE #2
FREQUENCY : 2412 MHZ
ANTENNA TYPE : HITACHI
ANTENNA POSN. : INTERNAL

MEASUREMENT DATA:

PHANTOM NAME : APREL-UNI
PHANTOM TYPE : UNIPHANTOM
TISSUE TYPE : MUSCLE
TISSUE DIELECTRIC : 50.130
TISSUE CONDUCTIVITY : 2.040
TISSUE DENSITY : 1.000
CREST FACTOR : 1.000
ROBOT NAME : CRS

PROBE DATA:

PROBE NAME : 163
PROBE TYPE : E FLD TRIANGLE
FREQUENCY : 2450 MHZ
TISSUE TYPE : MUSCLE
CALIBRATED DIELECTRIC : 50.130
CALIBRATED CONDUCTIVITY : 2.040
PROBE OFFSET : 2.500 MM
CONVERSION FACTOR : 5.600
DIODE COMPRESSION PT : 76.0 MV
PROBE SENSITIVITY : 0.580 0.580 0.580 MV/(MW/CM^2)
AMPLIFIER GAINS : 20.00 20.00 20.00
CHAN. OFFSET (MV) : 2.38 1.71 -1.53

SAMPLE:

RATE: 6000 SAMPLES/SEC
COUNT: 1000 SAMPLES
NIDAQ GAIN: 5
SCAN TIME: 166.7 MSEC

COMMENTS:

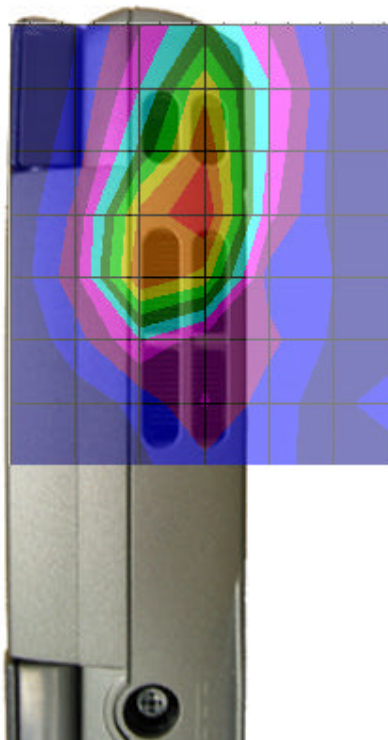
VERTICAL, 0MM

AREA SCAN - MAX LOCAL SAR VALUE AT X=20.0 Y=-22.0 = 0.95 W/KG
ZOOM SCAN - MAX LOCAL SAR VALUE AT X=20.0 Y=-22.0 Z=0.0 = 2.64 W/KG
MAX 1G SAR AT X=21.0 Y=-22.0 Z=0.0 = 1.20 W/KG
MAX 10G SAR AT X=19.0 Y=-22.0 Z=0.0 = 0.53 W/KG



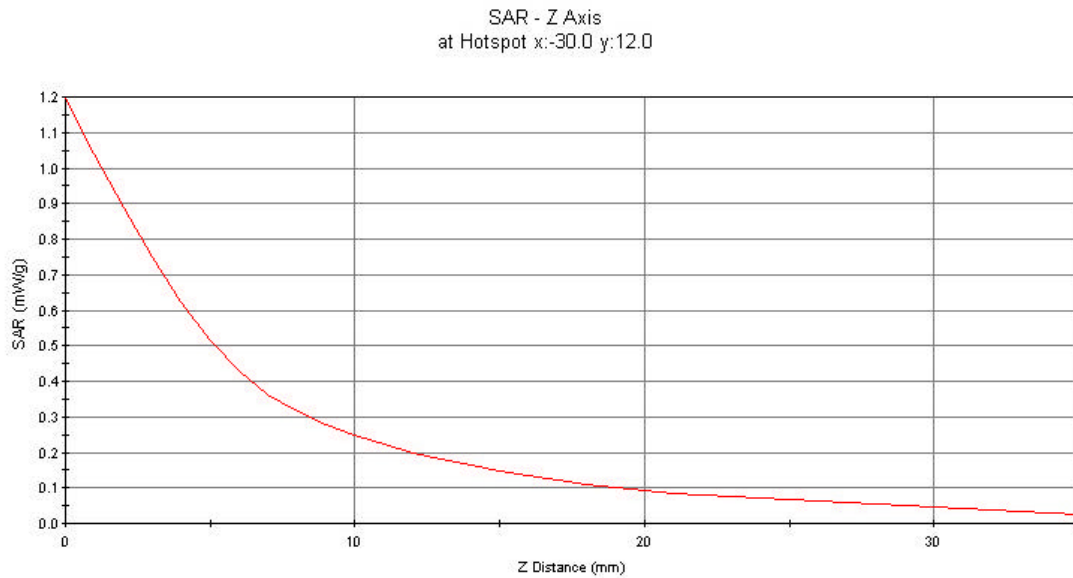
GRAPH 14

Body SAR (1g)
Vertical
Distance 0 mm
Low Channel
Frequency: 2412 MHz
Test Scenario 2
Duty Cycle 1



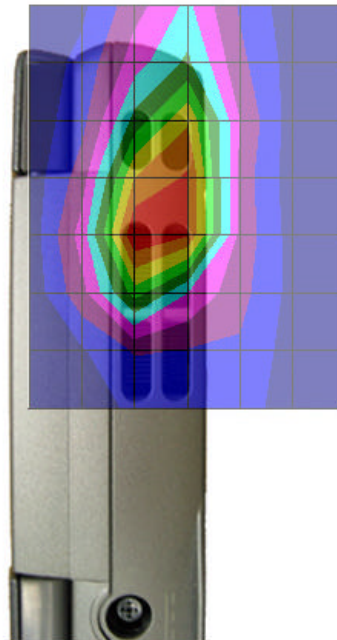
Date	Dielectric Constant ϵ_r	Conductivity σ [S/m]	Probe Con/F	Tissue Temp (°C)	1g SAR (W/kg)	Power Drift
28/03/03	50.13	2.04	5.6	21	1.20	0

Z AXIS PLOT FOR GRAPHS 13 AND 14



GRAPH 15

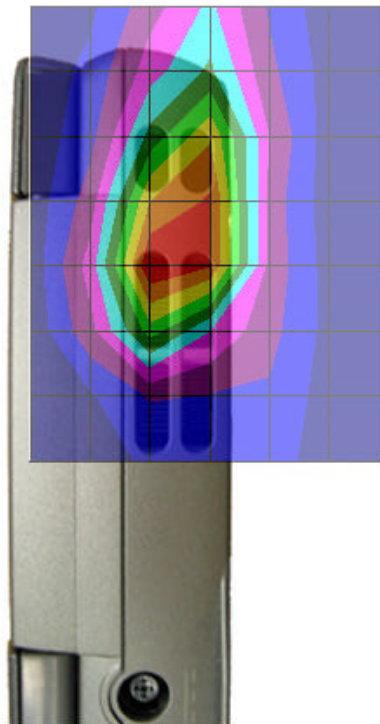
Body SAR (1g)
Vertical
Distance 0 mm
Mid Channel
Frequency: 2437 MHz
Test Scenario 2
Duty Cycle 1



Date	Dielectric Constant ϵ_r	Conductivity σ [S/m]	Probe Con/F	Tissue Temp ($^{\circ}\text{C}$)	1g SAR (W/kg)	Power Drift
28/03/03	50.13	2.04	5.6	21	1.00	0

GRAPH 16

Direct Contact SAR (10g)
Vertical
Distance 0 mm
Mid Channel
Frequency: 2437 MHz
Test Scenario 2
Duty Cycle 1

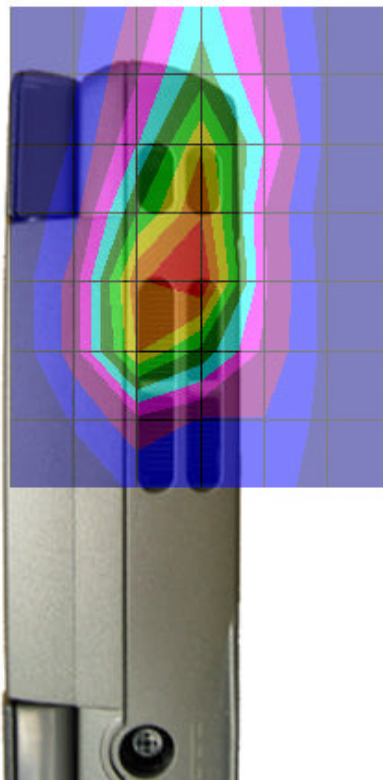


Date	Dielectric Constant ϵ_r	Conductivity σ [S/m]	Probe Con/F	Tissue Temp (°C)	10g SAR (W/kg)	Power Drift
28/03/03	50.13	2.04	5.6	21	0.45	0



GRAPH 17

Body SAR (1g)
Vertical
Distance 0 mm
High Channel
Frequency: 2462 MHz
Test Scenario 2
Duty Cycle 1

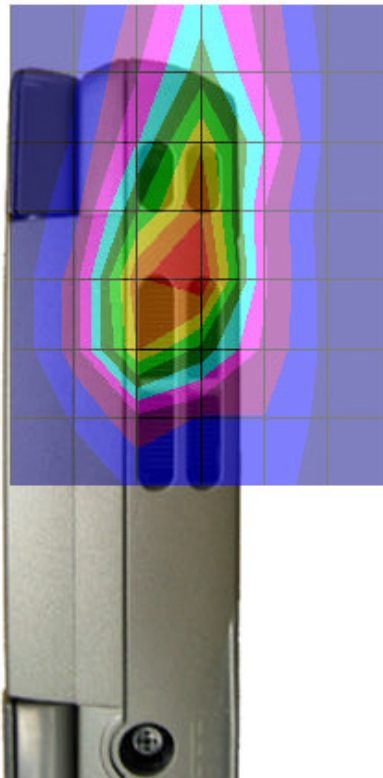


Date	Dielectric Constant ϵ_r	Conductivity σ [S/m]	Probe Con/F	Tissue Temp ($^{\circ}\text{C}$)	1g SAR (W/kg)	Power Drift
28/03/03	50.13	2.04	5.6	21	1.20	0



Graph 18

Direct Contact SAR (10g)
Vertical
Distance 0 mm
High Channel
Frequency: 2462 MHz
Test Scenario 2
Duty Cycle 1

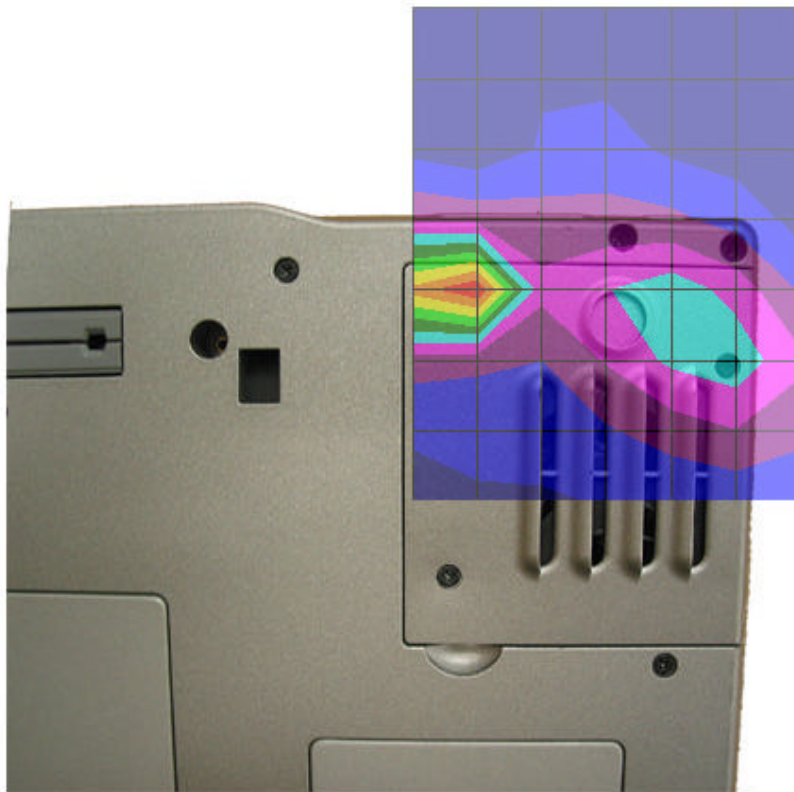


Date	Dielectric Constant ϵ_r	Conductivity σ [S/m]	Probe Con/F	Tissue Temp (°C)	10g SAR (W/kg)	Power Drift
28/03/03	50.13	2.04	5.6	21	0.53	0



GRAPH 19

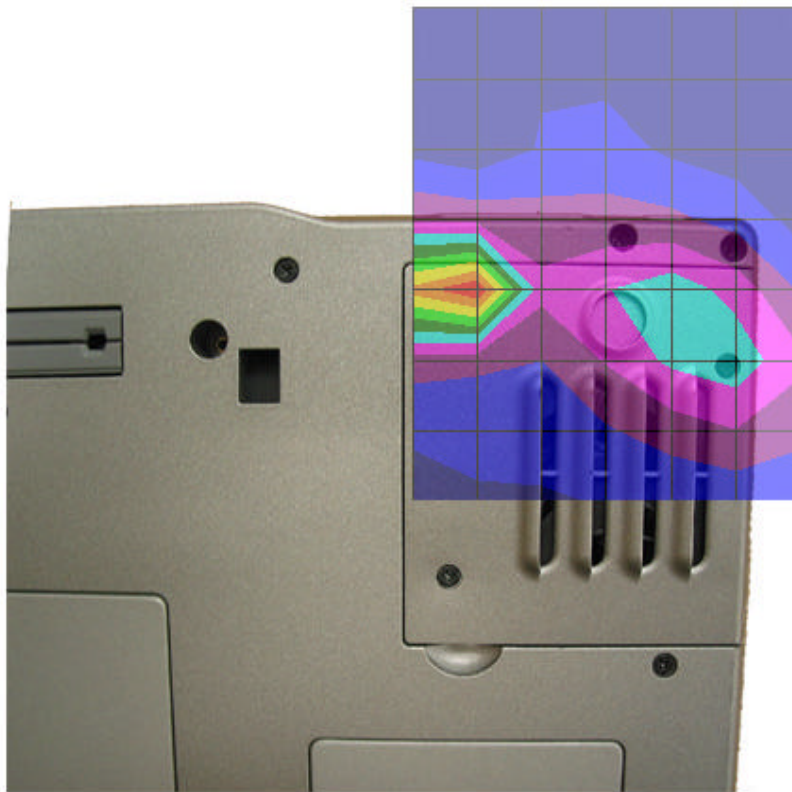
Body SAR (1g)
Keyboard Down
Distance 0mm
Low Channel
Frequency: 2412 MHz
Test Scenario 2
Duty Cycle 1



Date	Dielectric Constant ϵ_r	Conductivity σ [S/m]	Probe Con/F	Tissue Temp (°C)	1g SAR (W/kg)	Power Drift
28/03/03	50.13	2.04	5.6	21	0.58	0

GRAPH 20

Direct Contact SAR (10g)
Back Side Up
Distance 0mm
Low Channel
Frequency: 2412 MHz
Test Scenario 2
Duty Cycle 1



Date	Dielectric Constant ϵ_r	Conductivity σ [S/m]	Probe Con/F	Tissue Temp (°C)	10g SAR (W/kg)	Power Drift
28/03/03	50.13	2.04	5.6	21	0.27	0

