

Test Date: 24 April 2008

File Name: Tablet OFDM 5.6 GHz Ant A Bluetooth Off 24-04-08.da4

DUT: Fujitsu Notebook Seneca with Shirley Peak 11abgn and Bluetooth; Type: 533AN_HMW; Serial: MAC: 0016EA042224

* Communication System: OFDM 5600 MHz; Frequency: 5600 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 5.83604$ mho/m, $\epsilon_r = 46.2624$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.68, 3.68, 3.68)

- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 120 Test/Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.155 mW/g

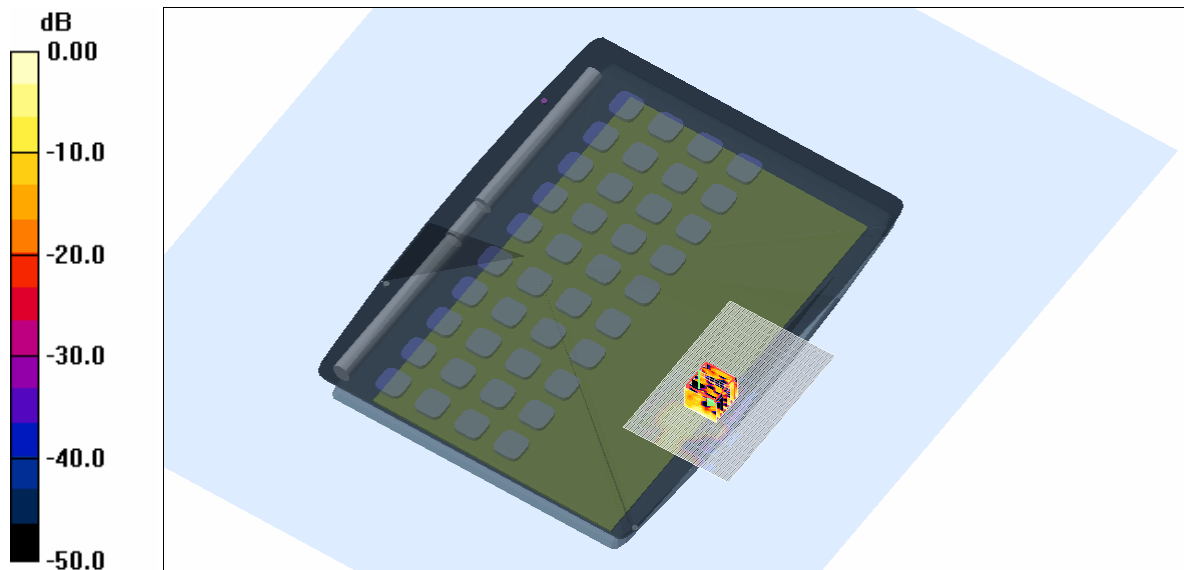
Channel 120 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.34 V/m; Power Drift = -0.235 dB

Peak SAR (extrapolated) = 0.381 W/kg

SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.016 mW/g

Maximum value of SAR (measured) = 0.105 mW/g



SAR MEASUREMENT PLOT 11

Ambient Temperature
Liquid Temperature
Humidity

21.0 Degrees Celsius
20.8 Degrees Celsius
46.0 %



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Test Date: 24 April 2008

File Name: Tablet OFDM 5.6 GHz Ant B Bluetooth Off 24-04-08.da4

DUT: Fujitsu Notebook Seneca with Shirley Peak 11abgn and Bluetooth; Type: 533AN_HMW; Serial: MAC: 0016EA042224

* Communication System: OFDM 5600 MHz; Frequency: 5600 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 5.83604$ mho/m, $\epsilon_r = 46.2624$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.68, 3.68, 3.68)

- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 120 Test/Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.223 mW/g

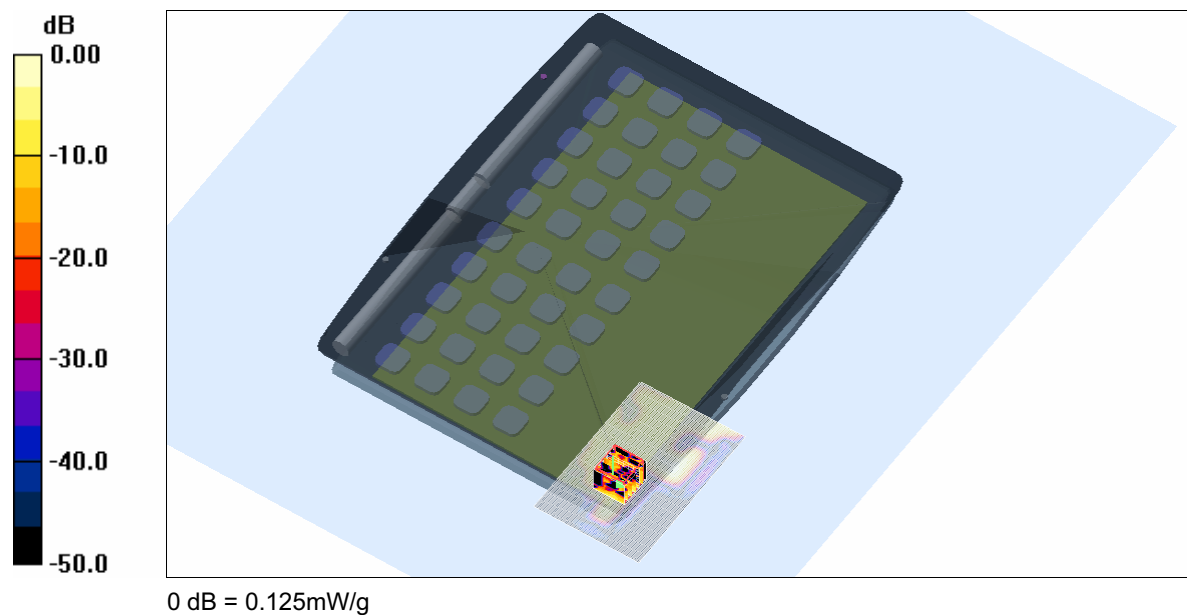
Channel 120 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.95 V/m; Power Drift = -0.006 dB

Peak SAR (extrapolated) = 0.217 W/kg

SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.018 mW/g

Maximum value of SAR (measured) = 0.125 mW/g



SAR MEASUREMENT PLOT 12

Ambient Temperature
Liquid Temperature
Humidity

21.0 Degrees Celsius
20.8 Degrees Celsius
46.0 %



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Test Date: 24 April 2008

File Name: Tablet OFDM 5.6 GHz Ant C Bluetooth Off 24-04-08.da4

DUT: Fujitsu Notebook Seneca with Shirley Peak 11abgn and Bluetooth; Type: 533AN_HMW; Serial: MAC: 0016EA042224

* Communication System: OFDM 5600 MHz; Frequency: 5600 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 5.83604$ mho/m, $\epsilon_r = 46.2624$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.68, 3.68, 3.68)

- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 120 Test/Area Scan (81x141x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.375 mW/g

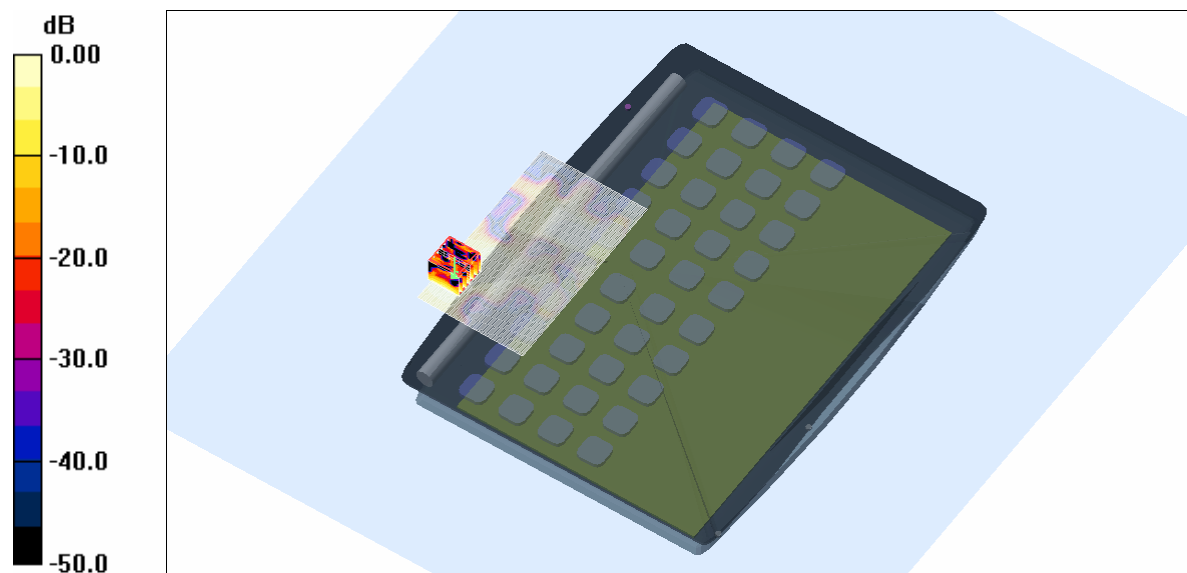
Channel 120 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.21 V/m; Power Drift = 0.309 dB

Peak SAR (extrapolated) = 0.684 W/kg

SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.065 mW/g

Maximum value of SAR (measured) = 0.368 mW/g



0 dB = 0.368mW/g

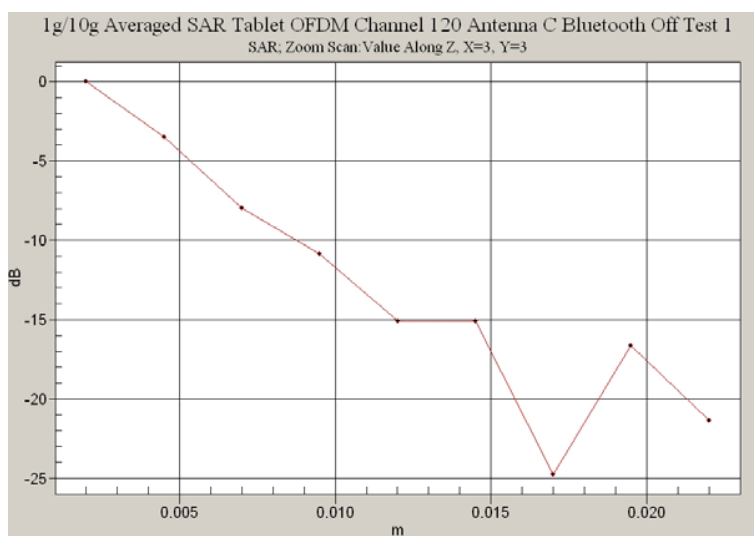
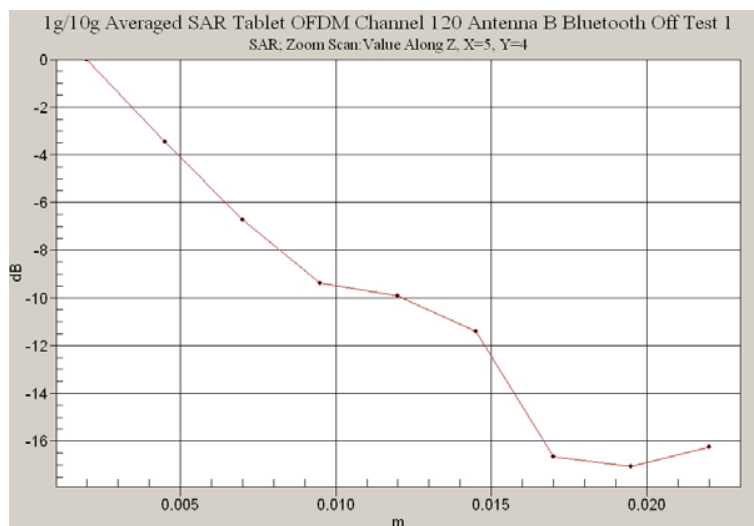
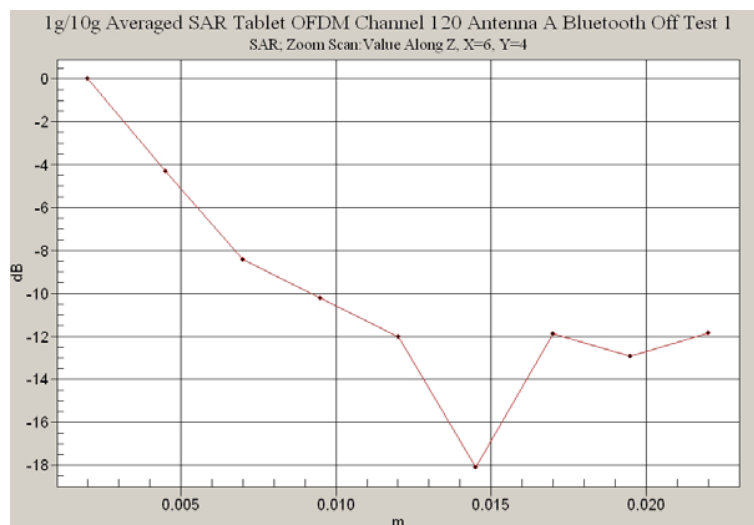
SAR MEASUREMENT PLOT 13

Ambient Temperature
Liquid Temperature
Humidity

21.0 Degrees Celsius
20.8 Degrees Celsius
46.0 %



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Test Date: 24 April 2008

File Name: Edge On Bottom OFDM 5.6 GHz Ant C Bluetooth Off 24-04-08.da4

DUT: Fujitsu Notebook Seneca with Shirley Peak 11abgn and Bluetooth; Type: 533AN_HMW; Serial: MAC: 0016EA042224

* Communication System: OFDM 5600 MHz; Frequency: 5500 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 5.68056$ mho/m, $\epsilon_r = 46.6048$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.68, 3.68, 3.68)

- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 100 Test/Area Scan (81x141x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.60 mW/g

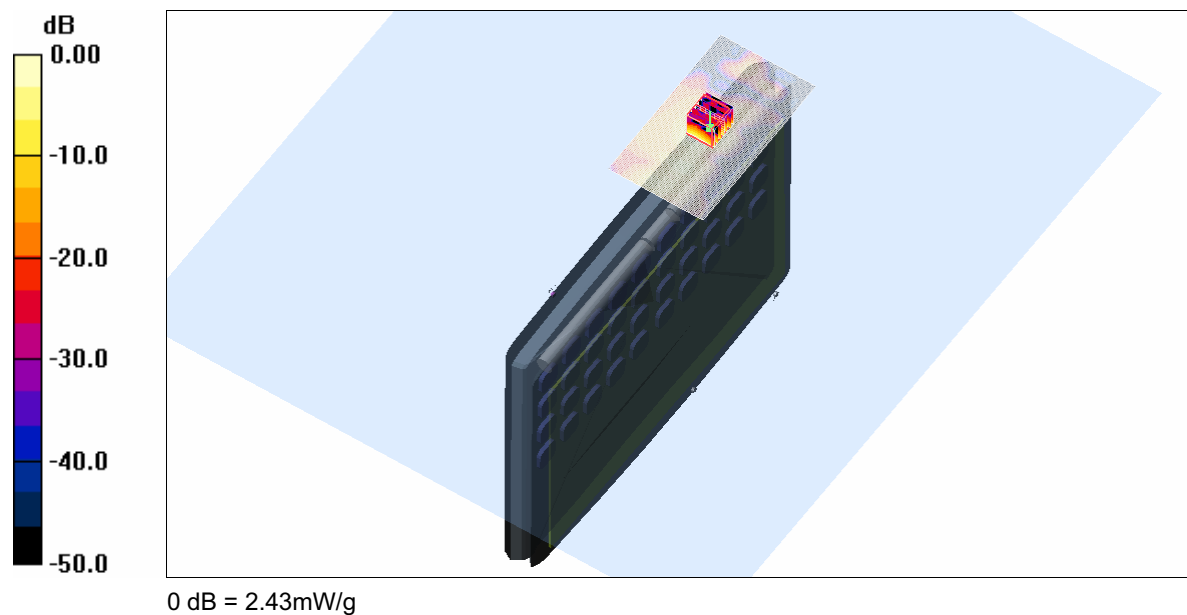
Channel 100 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 19.3 V/m; Power Drift = -0.086 dB

Peak SAR (extrapolated) = 4.77 W/kg

SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.324 mW/g

Maximum value of SAR (measured) = 2.43 mW/g



SAR MEASUREMENT PLOT 14

Ambient Temperature
Liquid Temperature
Humidity

21.0 Degrees Celsius
20.8 Degrees Celsius
46.0 %



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Test Date: 24 April 2008

File Name: Edge On Bottom OFDM 5.6 GHz Ant C Bluetooth Off 24-04-08.da4

DUT: Fujitsu Notebook Seneca with Shirley Peak 11abgn and Bluetooth; Type: 533AN_HMW; Serial: MAC: 0016EA042224

* Communication System: OFDM 5600 MHz; Frequency: 5600 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 5.83604$ mho/m, $\epsilon_r = 46.2624$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.68, 3.68, 3.68)

- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 120 Test/Area Scan (81x141x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 3.52 mW/g

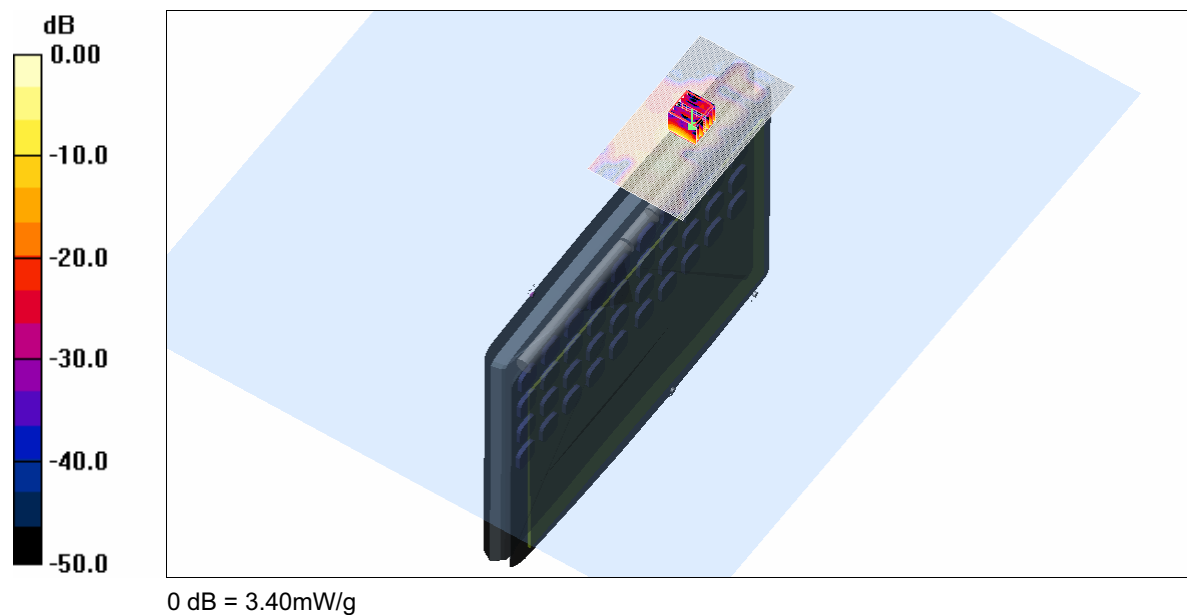
Channel 120 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 25.3 V/m; Power Drift = -0.482 dB

Peak SAR (extrapolated) = 6.80 W/kg

SAR(1 g) = 1.51 mW/g; SAR(10 g) = 0.382 mW/g

Maximum value of SAR (measured) = 3.40 mW/g



SAR MEASUREMENT PLOT 15

Ambient Temperature
Liquid Temperature
Humidity

21.0 Degrees Celsius
20.8 Degrees Celsius
46.0 %



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Test Date: 24 April 2008

File Name: Edge On Bottom OFDM 5.6 GHz Ant C (-2dB) Bluetooth Off 24-04-08.da4

DUT: Fujitsu Notebook Seneca with Shirley Peak 11abgn and Bluetooth; Type: 533AN_HMW; Serial: MAC: 0016EA042224

* Communication System: OFDM 5600 MHz; Frequency: 5700 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 5.99854$ mho/m, $\epsilon_r = 45.9585$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.72, 3.72, 3.72)

- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 140 Test/Area Scan (81x141x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 3.28 mW/g

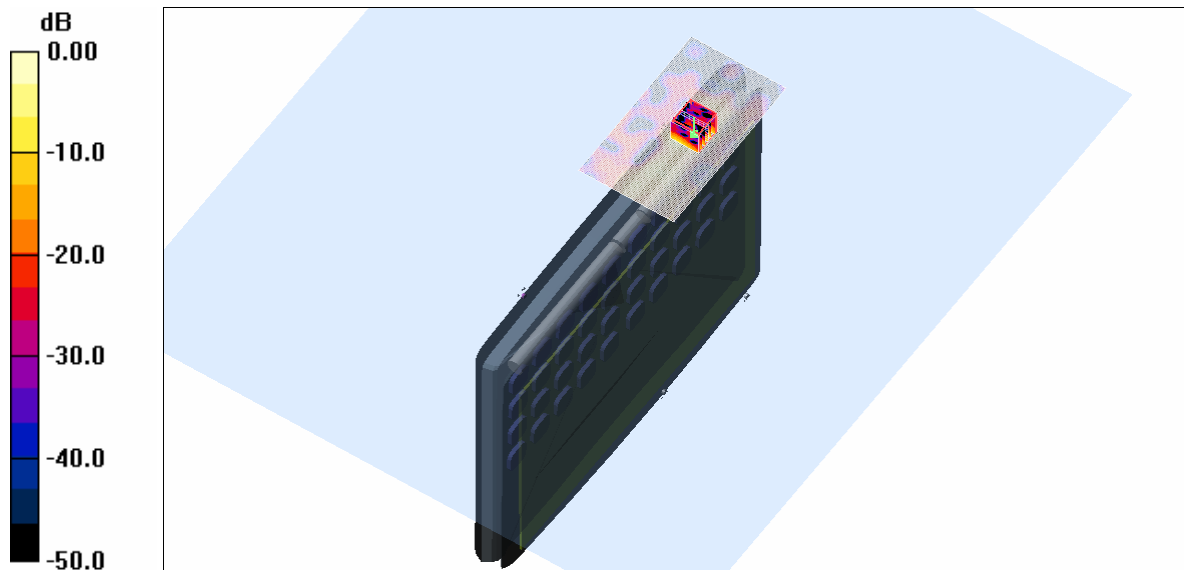
Channel 140 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 9.79 V/m; Power Drift = -0.464 dB

Peak SAR (extrapolated) = 6.73 W/kg

SAR(1 g) = 1.41 mW/g; SAR(10 g) = 0.340 mW/g

Maximum value of SAR (measured) = 3.20 mW/g



0 dB = 3.20mW/g

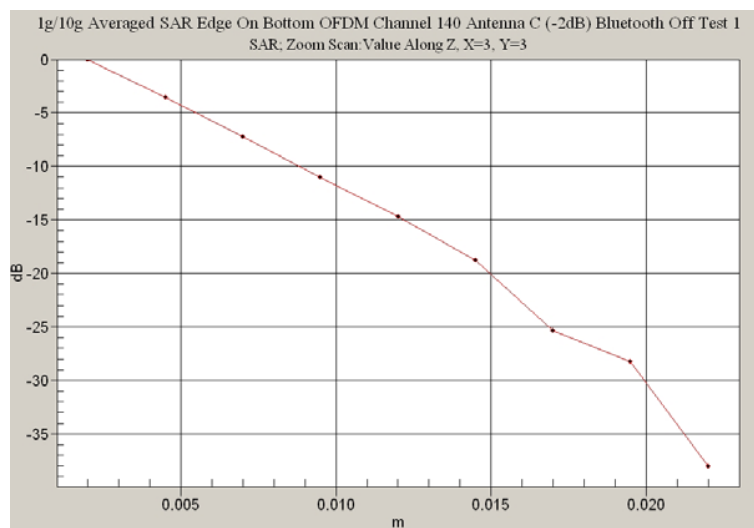
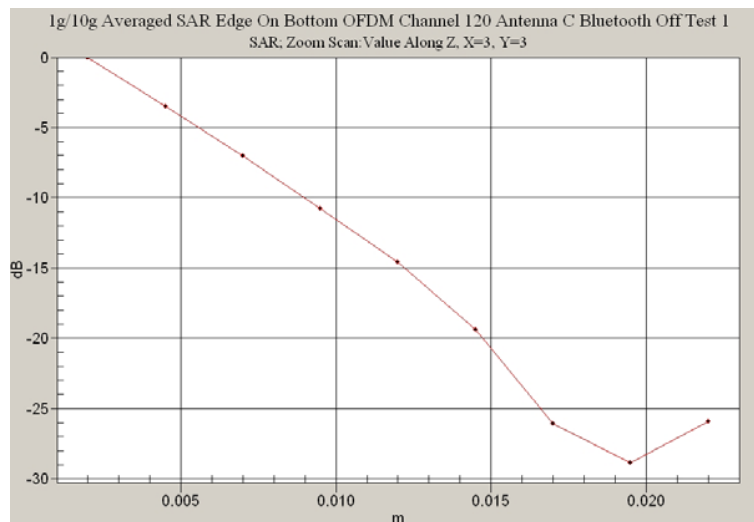
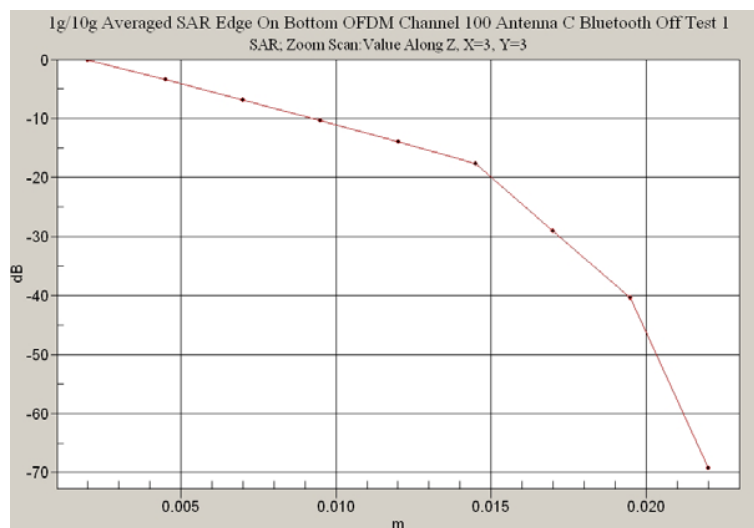
SAR MEASUREMENT PLOT 16

Ambient Temperature
Liquid Temperature
Humidity

21.0 Degrees Celsius
20.8 Degrees Celsius
46.0 %



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Test Date: 24 April 2008

File Name: Edge On Side OFDM 5.6 GHz Ant B Bluetooth Off 24-04-08.da4

DUT: Fujitsu Notebook Seneca with Shirley Peak 11abgn and Bluetooth; Type: 533AN_HMW; Serial: MAC: 0016EA042224

* Communication System: OFDM 5600 MHz; Frequency: 5600 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 5.83604$ mho/m, $\epsilon_r = 46.2624$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.68, 3.68, 3.68)

- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 120 Test/Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.089 mW/g

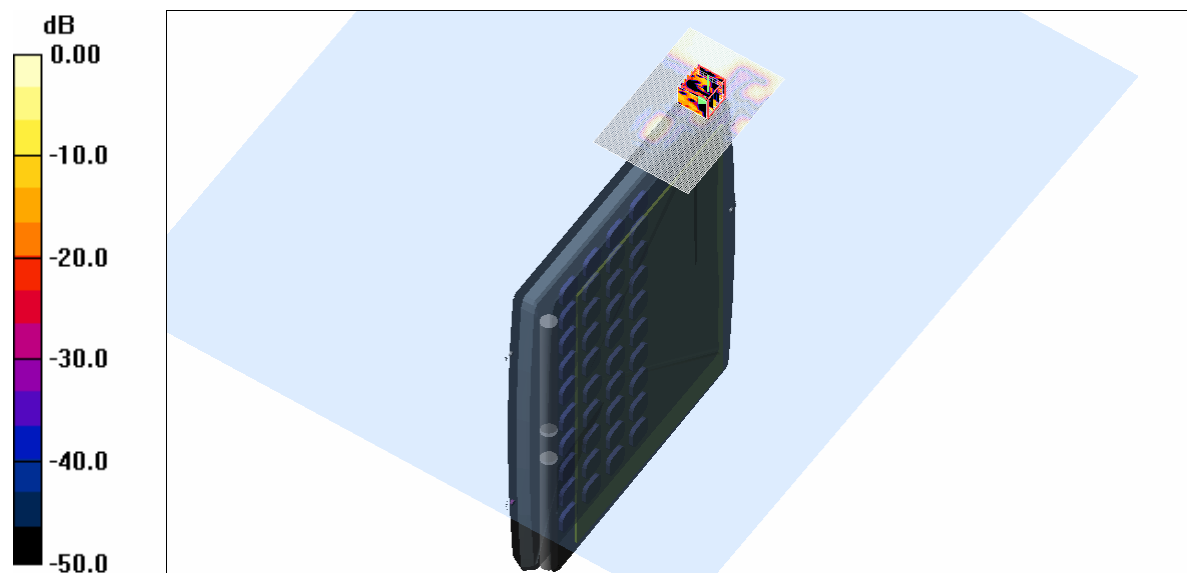
Channel 120 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.40 V/m; Power Drift = 0.049 dB

Peak SAR (extrapolated) = 0.287 W/kg

SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.00707 mW/g

Maximum value of SAR (measured) = 0.093 mW/g



0 dB = 0.093mW/g

SAR MEASUREMENT PLOT 17

Ambient Temperature
Liquid Temperature
Humidity

21.0 Degrees Celsius
20.8 Degrees Celsius
46.0 %



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Test Date: 24 April 2008

File Name: Laps On OFDM 5.6 GHz Ant C Bluetooth Off 24-04-08.da4

DUT: Fujitsu Notebook Seneca with Shirley Peak 11abgn and Bluetooth; Type: 533AN_HMW; Serial: MAC: 0016EA042224

* Communication System: OFDM 5600 MHz; Frequency: 5600 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 5.83604$ mho/m, $\epsilon_r = 46.2624$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.68, 3.68, 3.68)

- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 120 Test/Area Scan (81x141x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.358 mW/g

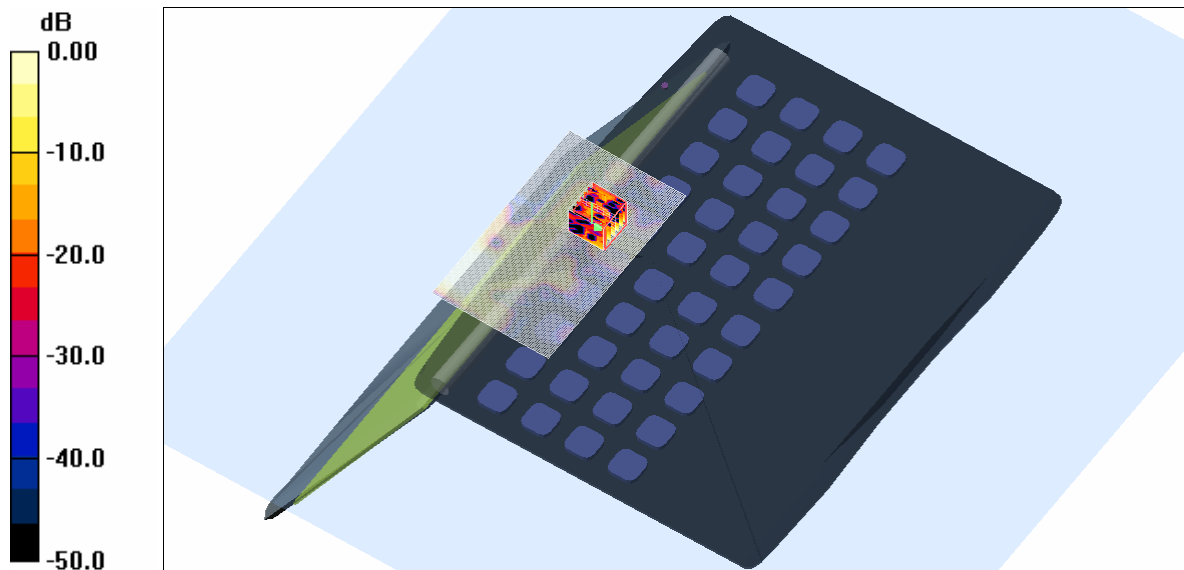
Channel 120 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.01 V/m; Power Drift = 0.036 dB

Peak SAR (extrapolated) = 0.587 W/kg

SAR(1 g) = 0.130 mW/g; SAR(10 g) = 0.036 mW/g

Maximum value of SAR (measured) = 0.350 mW/g



0 dB = 0.350mW/g

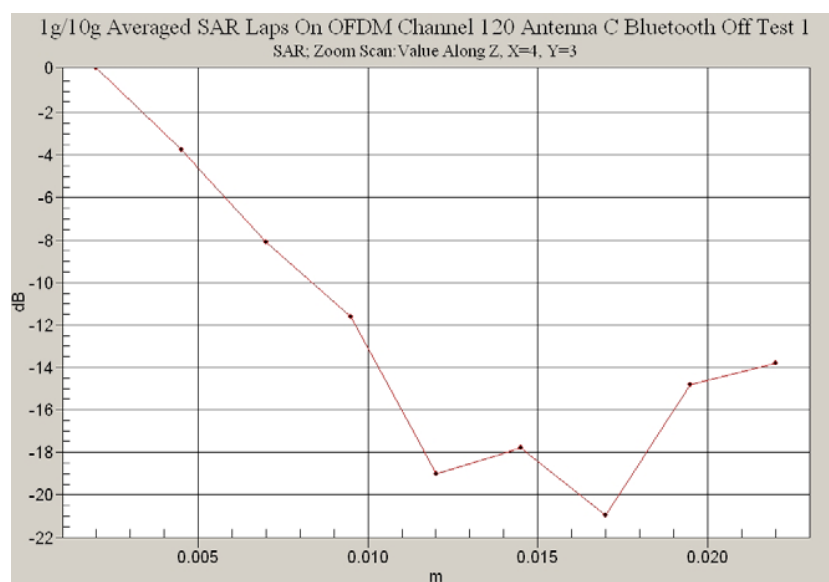
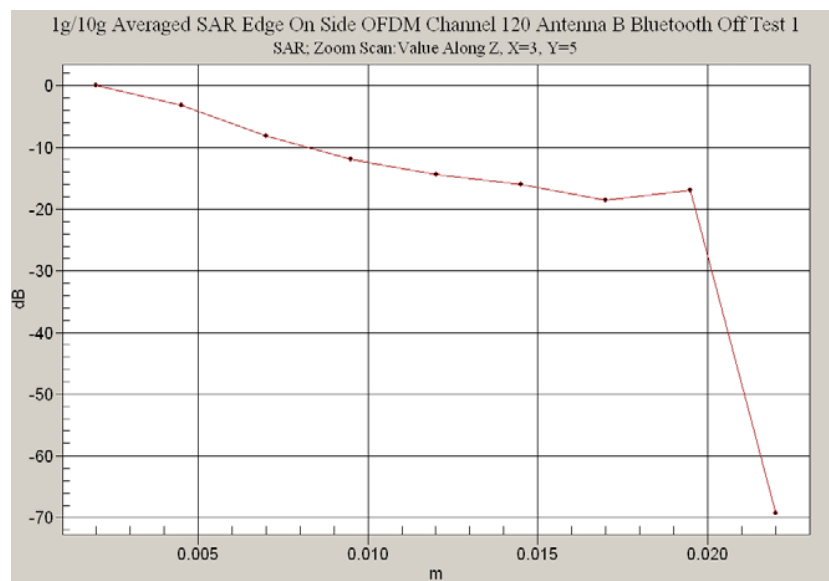
SAR MEASUREMENT PLOT 18

Ambient Temperature
Liquid Temperature
Humidity

21.0 Degrees Celsius
20.8 Degrees Celsius
46.0 %



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Test Date: 28 April 2008

File Name: Tablet OFDM 5.8 GHz Ant A Bluetooth Off 29-04-08.da4

DUT: Fujitsu Notebook Seneca with Shirley Peak 11abgn and Bluetooth; Type: 533AN_HMW; Serial: MAC: 0016EA042224

* Communication System: OFDM 5770 MHz; Frequency: 5785 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 6.0406$ mho/m, $\epsilon_r = 44.8206$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.72, 3.72, 3.72)

- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 157 Test/Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.017 mW/g

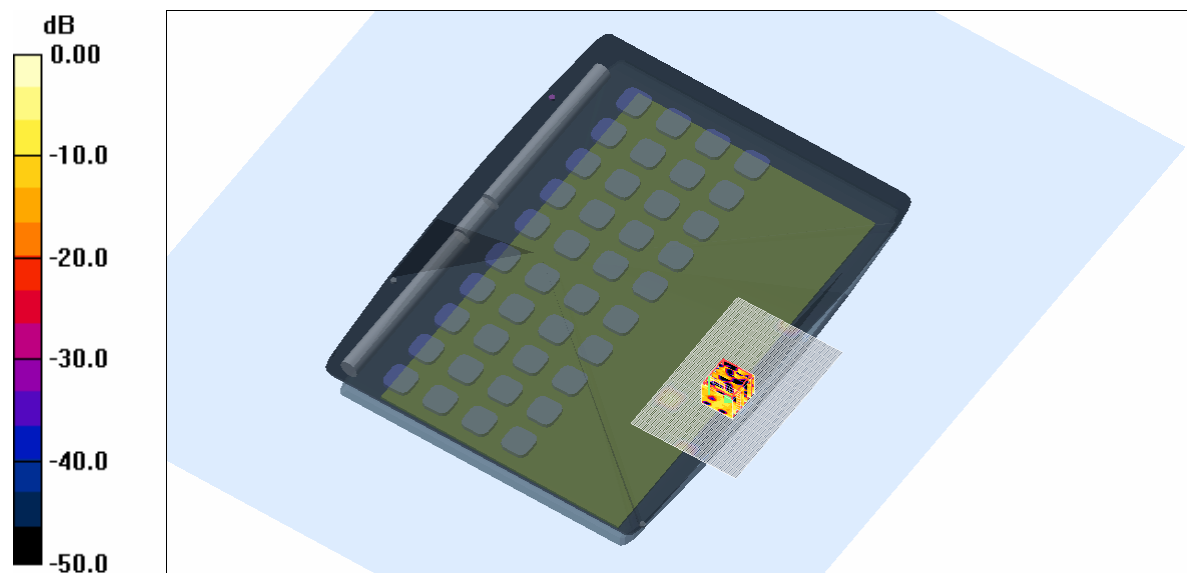
Channel 157 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.35 V/m; Power Drift = 0.231 dB

Peak SAR (extrapolated) = 0.144 W/kg

SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.00551 mW/g

Maximum value of SAR (measured) = 0.072 mW/g



SAR MEASUREMENT PLOT 19

Ambient Temperature
Liquid Temperature
Humidity

21.8 Degrees Celsius
21.64Degrees Celsius
33.0 %



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Test Date: 28 April 2008

File Name: Tablet OFDM 5.8 GHz Ant B Bluetooth Off 29-04-08.da4

DUT: Fujitsu Notebook Seneca with Shirley Peak 11abgn and Bluetooth; Type: 533AN_HMW; Serial: MAC: 0016EA042224

* Communication System: OFDM 5770 MHz; Frequency: 5785 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 6.0406$ mho/m, $\epsilon_r = 44.8206$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.72, 3.72, 3.72)

- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 157 Test/Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.157 mW/g

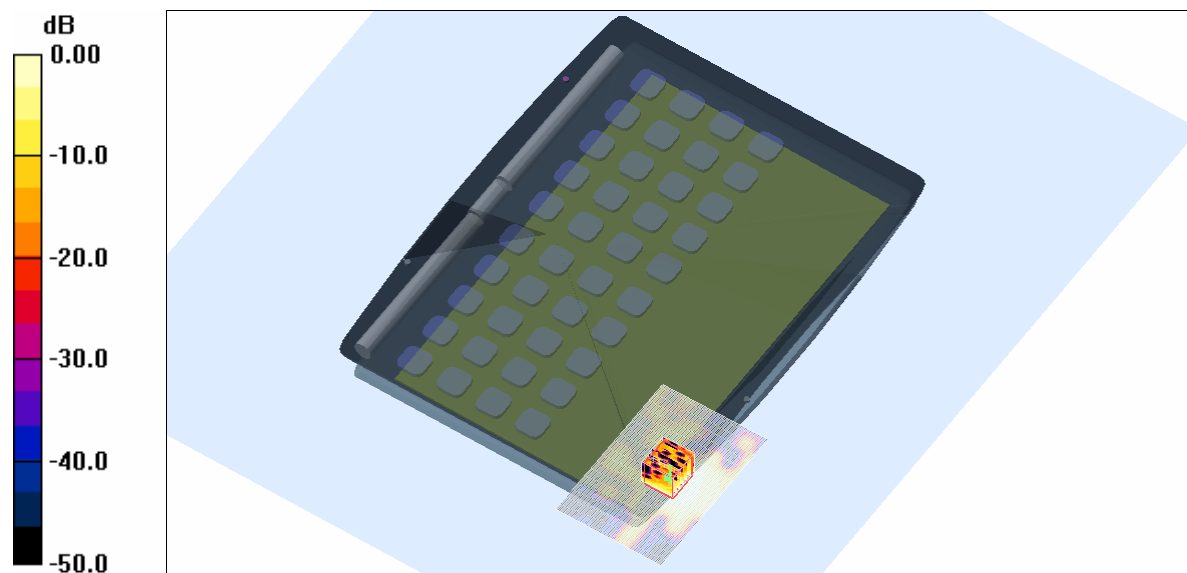
Channel 157 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.85 V/m; Power Drift = -0.064 dB

Peak SAR (extrapolated) = 0.210 W/kg

SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.021 mW/g

Maximum value of SAR (measured) = 0.133 mW/g



SAR MEASUREMENT PLOT 20

Ambient Temperature
Liquid Temperature
Humidity

21.8 Degrees Celsius
21.64Degrees Celsius
33.0 %



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Test Date: 28 April 2008

File Name: Tablet OFDM 5.8 GHz Ant C Bluetooth Off 29-04-08.da4

DUT: Fujitsu Notebook Seneca with Shirley Peak 11abgn and Bluetooth; Type: 533AN_HMW; Serial: MAC: 0016EA042224

- * Communication System: OFDM 5770 MHz; Frequency: 5785 MHz; Duty Cycle: 1:1
- * Medium parameters used: $\sigma = 6.0406$ mho/m, $\epsilon_r = 44.8206$; $\rho = 1000$ kg/m³
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.72, 3.72, 3.72)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 157 Test/Area Scan (81x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.672 mW/g

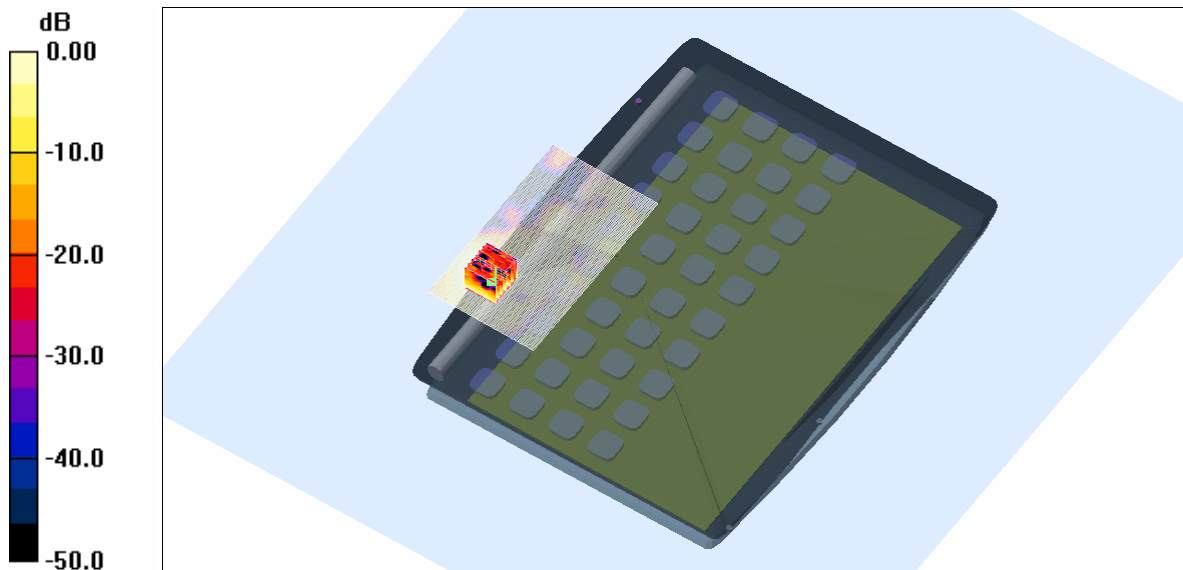
Channel 157 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 9.02 V/m; Power Drift = 0.099 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.355 mW/g; SAR(10 g) = 0.128 mW/g

Maximum value of SAR (measured) = 0.674 mW/g



0 dB = 0.674mW/g

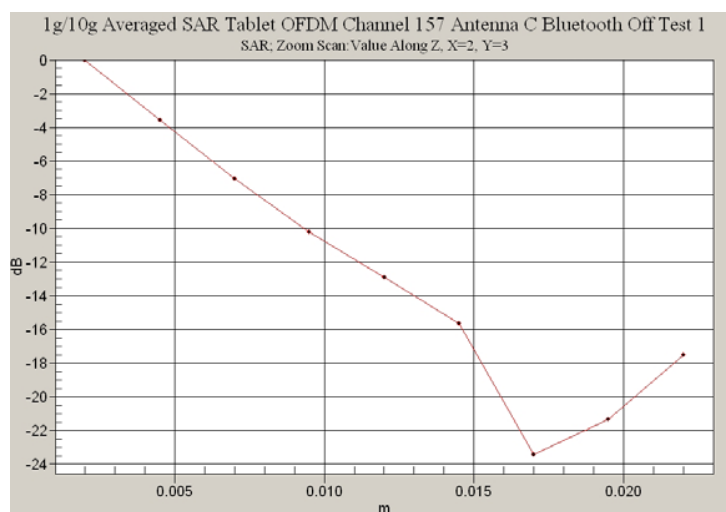
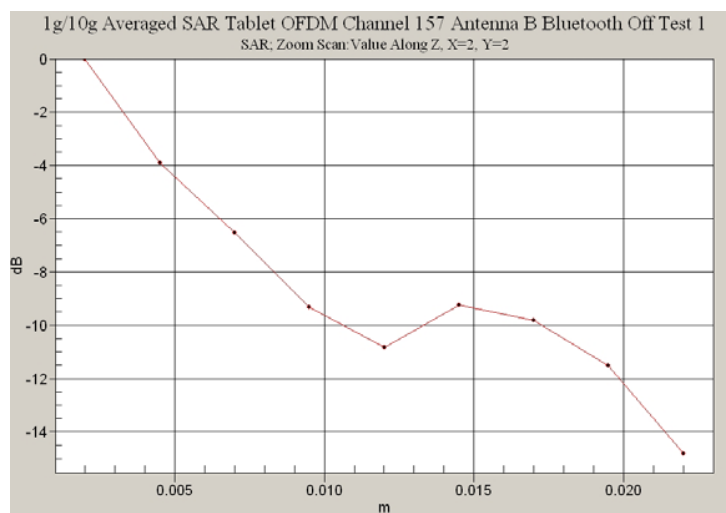
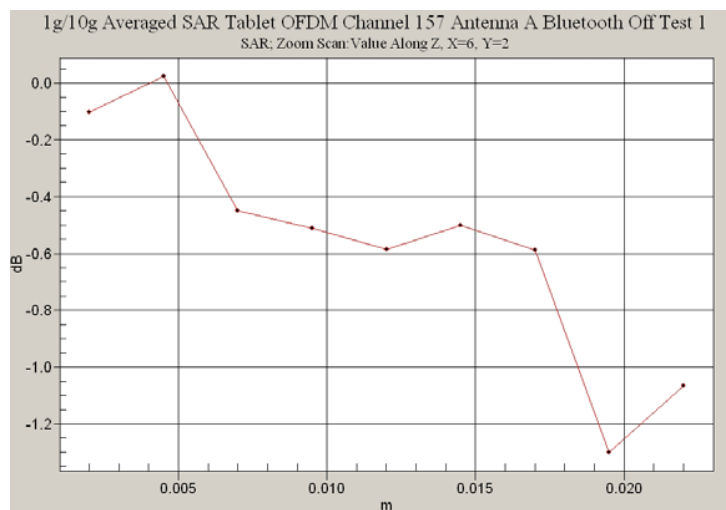
SAR MEASUREMENT PLOT 21

Ambient Temperature
Liquid Temperature
Humidity

21.8 Degrees Celsius
21.64Degrees Celsius
33.0 %



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Test Date: 28 April 2008

File Name: Edge On Bottom OFDM 5.8 GHz Ant C (-2dB) Bluetooth Off 29-04-08.da4

DUT: Fujitsu Notebook Seneca with Shirley Peak 11abgn and Bluetooth; Type: 533AN_HMW; Serial: MAC: 0016EA042224

- * Communication System: OFDM 5770 MHz; Frequency: 5745 MHz; Duty Cycle: 1:1
- * Medium parameters used: $\sigma = 5.96797$ mho/m, $\epsilon_r = 44.9452$; $\rho = 1000$ kg/m³
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.72, 3.72, 3.72)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 149 Test/Area Scan (81x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 3.56 mW/g

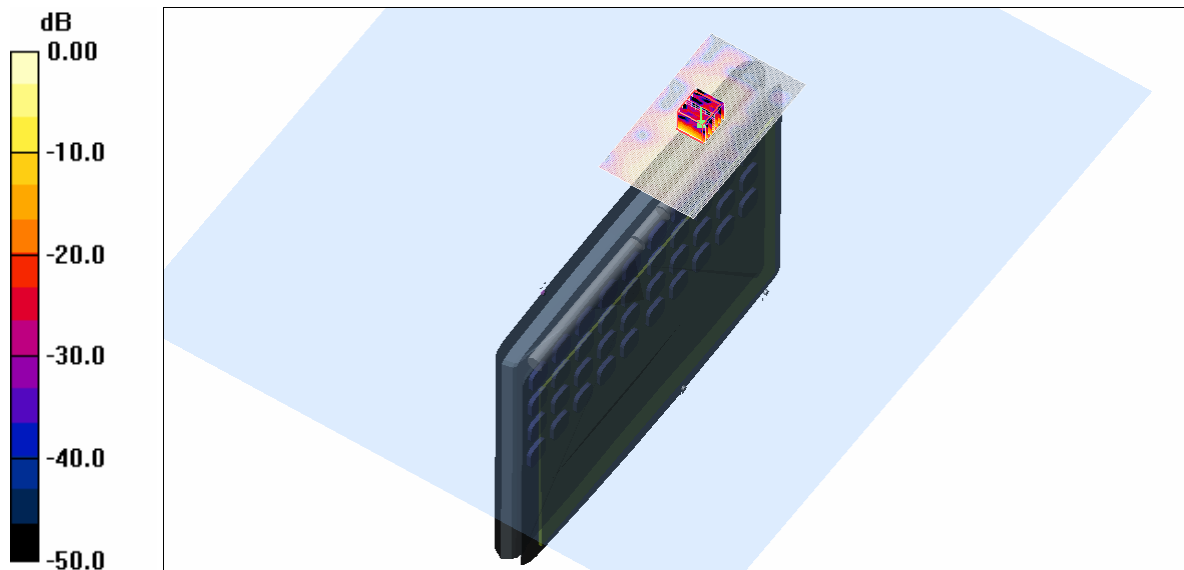
Channel 149 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 22.7 V/m; Power Drift = -0.111 dB

Peak SAR (extrapolated) = 7.40 W/kg

SAR(1 g) = 1.54 mW/g; SAR(10 g) = 0.373 mW/g

Maximum value of SAR (measured) = 3.58 mW/g



0 dB = 3.58mW/g

SAR MEASUREMENT PLOT 22

Ambient Temperature
Liquid Temperature
Humidity

21.8 Degrees Celsius
21.4 Degrees Celsius
33.0 %



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Test Date: 28 April 2008

File Name: Edge On Bottom OFDM 5.8 GHz Ant C (-2dB) Bluetooth Off 29-04-08.da4

DUT: Fujitsu Notebook Seneca with Shirley Peak 11abgn and Bluetooth; Type: 533AN_HMW; Serial: MAC: 0016EA042224

* Communication System: OFDM 5770 MHz; Frequency: 5785 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 6.0406$ mho/m, $\epsilon_r = 44.8206$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.72, 3.72, 3.72)

- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 157 Test/Area Scan (81x141x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 3.21 mW/g

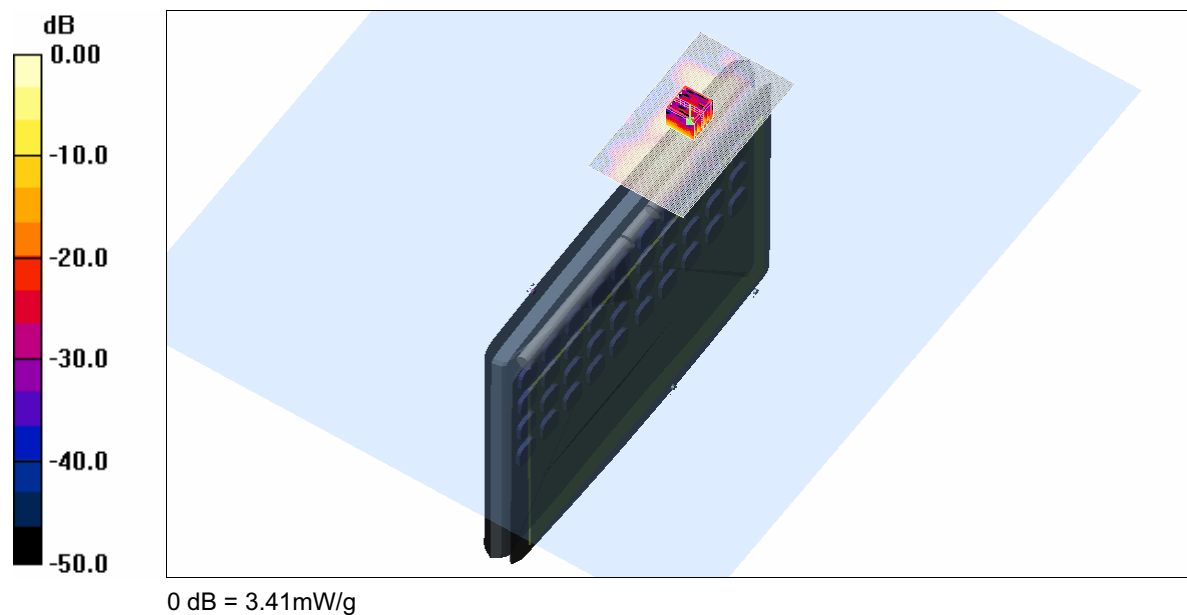
Channel 157 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 21.9 V/m; Power Drift = 0.016 dB

Peak SAR (extrapolated) = 7.02 W/kg

SAR(1 g) = 1.46 mW/g; SAR(10 g) = 0.351 mW/g

Maximum value of SAR (measured) = 3.41 mW/g



SAR MEASUREMENT PLOT 23

Ambient Temperature
Liquid Temperature
Humidity

21.8 Degrees Celsius
21.4 Degrees Celsius
33.0 %



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Test Date: 28 April 2008

File Name: Edge On Bottom OFDM 5.8 GHz Ant C (-2dB) Bluetooth Off 29-04-08.da4

DUT: Fujitsu Notebook Seneca with Shirley Peak 11abgn and Bluetooth; Type: 533AN_HMW; Serial: MAC: 0016EA042224

* Communication System: OFDM 5770 MHz; Frequency: 5825 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 6.10037$ mho/m, $\epsilon_r = 44.6944$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.72, 3.72, 3.72)

- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 165 Test/Area Scan (81x141x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 3.21 mW/g

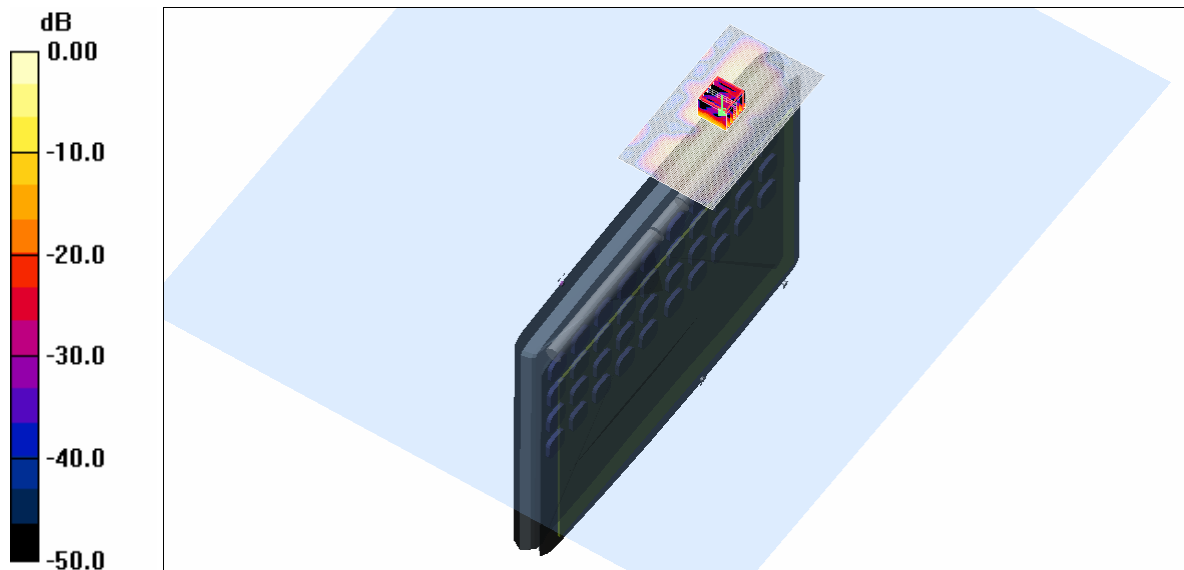
Channel 165 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 23.9 V/m; Power Drift = -0.158 dB

Peak SAR (extrapolated) = 7.07 W/kg

SAR(1 g) = 1.44 mW/g; SAR(10 g) = 0.340 mW/g

Maximum value of SAR (measured) = 3.38 mW/g



0 dB = 3.38mW/g

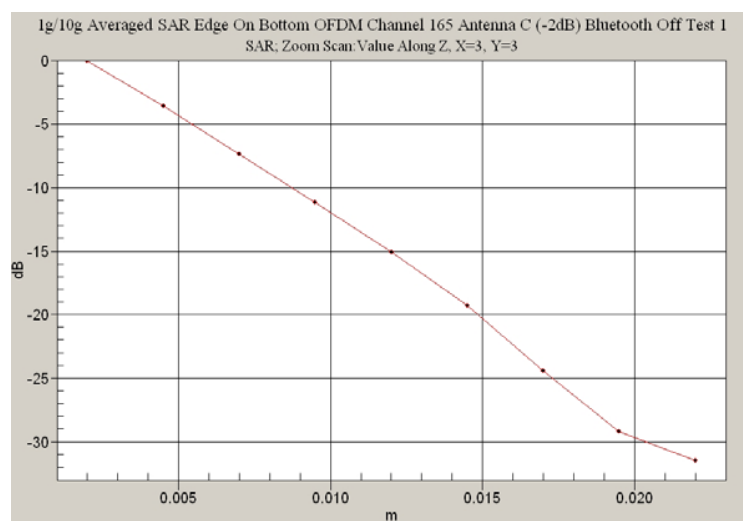
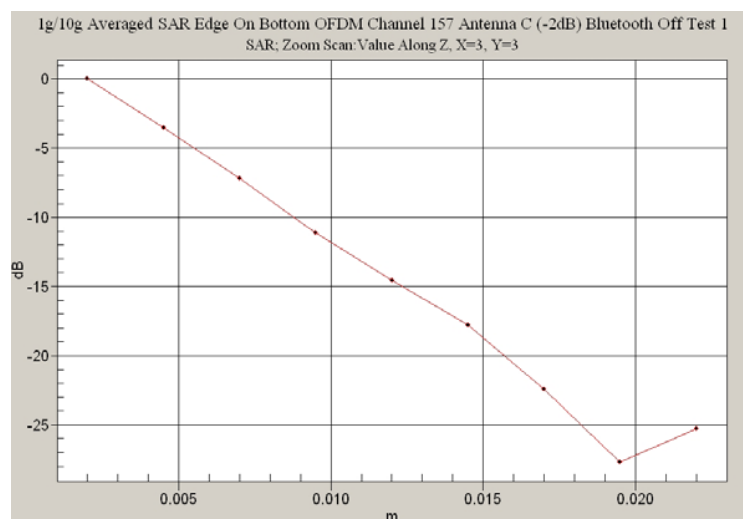
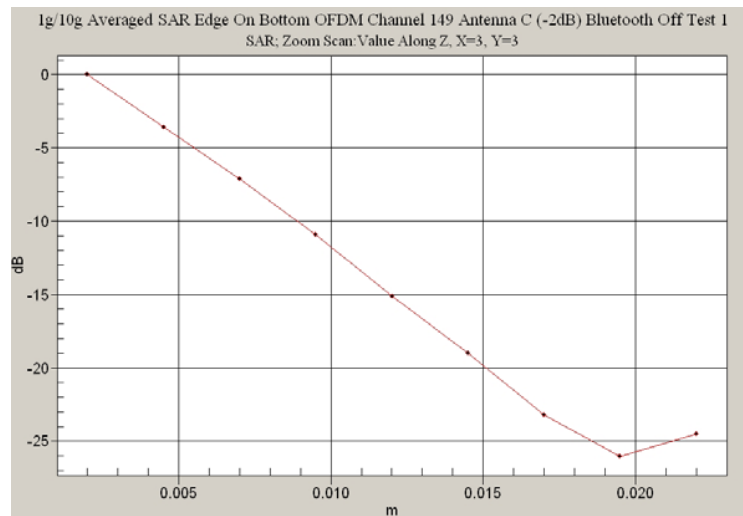
SAR MEASUREMENT PLOT 24

Ambient Temperature
Liquid Temperature
Humidity

21.8 Degrees Celsius
21.4 Degrees Celsius
33.0 %



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Test Date: 28 April 2008

File Name: Edge On Side OFDM 5.8 GHz Ant B Bluetooth Off 29-04-08.da4

DUT: Fujitsu Notebook Seneca with Shirley Peak 11abgn and Bluetooth; Type: 533AN_HMW; Serial: MAC: 0016EA042224

- * Communication System: OFDM 5770 MHz; Frequency: 5785 MHz; Duty Cycle: 1:1
- * Medium parameters used: $\sigma = 6.0406$ mho/m, $\epsilon_r = 44.8206$; $\rho = 1000$ kg/m³
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.72, 3.72, 3.72)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 157 Test/Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.084 mW/g

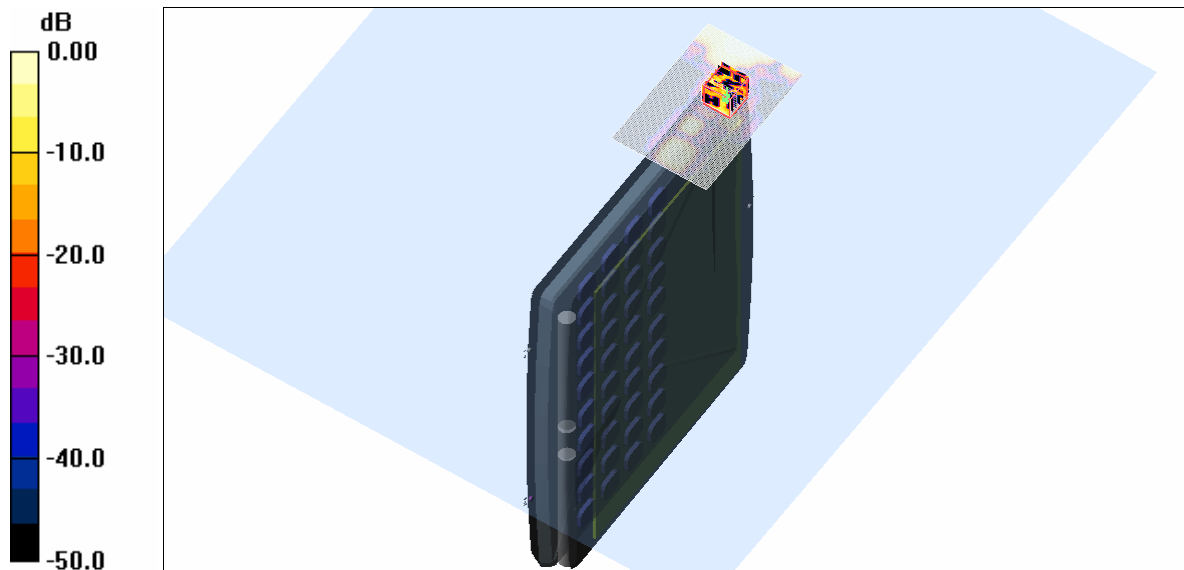
Channel 157 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.824 V/m; Power Drift = 0.191 dB

Peak SAR (extrapolated) = 0.359 W/kg

SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.00994 mW/g

Maximum value of SAR (measured) = 0.076 mW/g



0 dB = 0.076mW/g

SAR MEASUREMENT PLOT 25

Ambient Temperature
Liquid Temperature
Humidity

21.8 Degrees Celsius
21.64Degrees Celsius
33.0 %



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Test Date: 28 April 2008

File Name: Laps On OFDM 5.8 GHz Ant C Bluetooth Off 29-04-08.da4

DUT: Fujitsu Notebook Seneca with Shirley Peak 11abgn and Bluetooth; Type: 533AN_HMW; Serial: MAC: 0016EA042224

* Communication System: OFDM 5770 MHz; Frequency: 5785 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 6.0406$ mho/m, $\epsilon_r = 44.8206$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.72, 3.72, 3.72)

- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 157 Test/Area Scan (81x141x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.758 mW/g

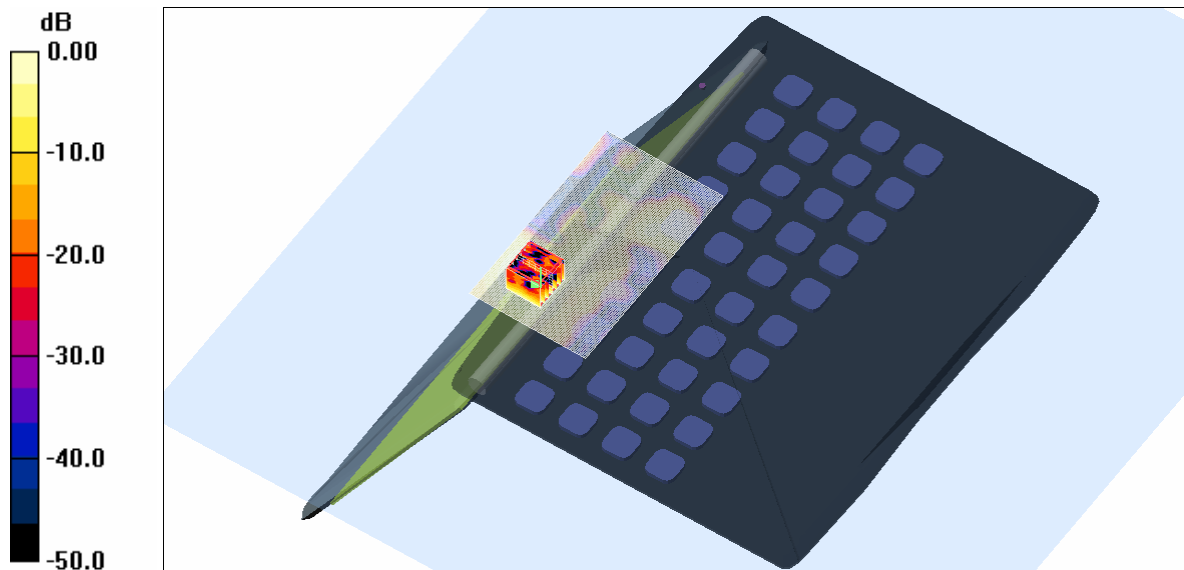
Channel 157 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 9.95 V/m; Power Drift = 0.140 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 0.365 mW/g; SAR(10 g) = 0.133 mW/g

Maximum value of SAR (measured) = 0.699 mW/g



0 dB = 0.699mW/g

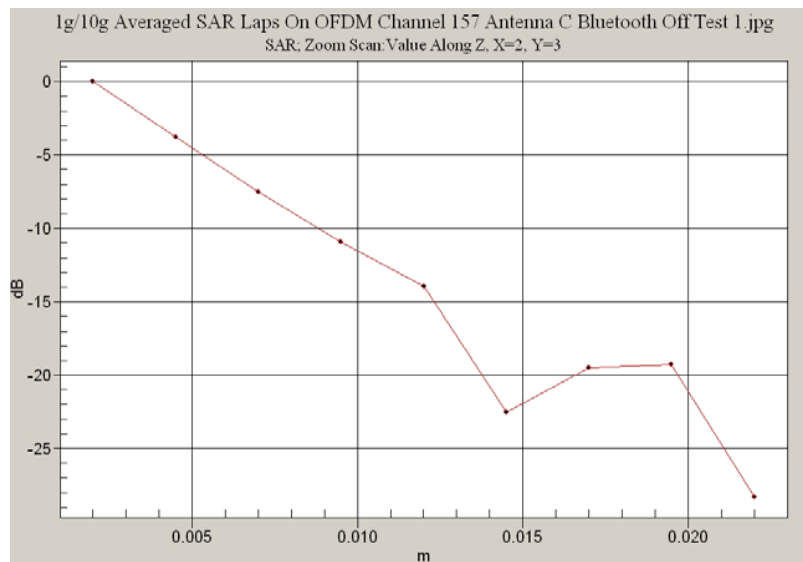
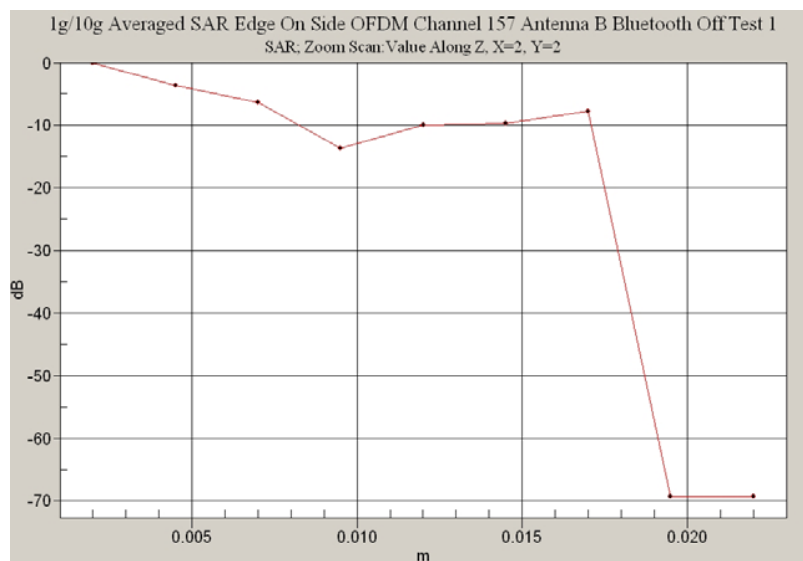
SAR MEASUREMENT PLOT 26

Ambient Temperature
Liquid Temperature
Humidity

21.8 Degrees Celsius
21.4 Degrees Celsius
33.0 %



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Test Date: 22 April 2008

File Name: Validation 5200MHz (DAE 442 Probe EX3DV4) 22-04-08.da4

DUT: Dipole 5200_5800 MHz; Type: D5GHzV2; Serial: 1008

* Communication System: CW 5200 MHz; Frequency: 5200 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 4.66122$ mho/m, $\epsilon_r = 35.7192$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(4.25, 4.25, 4.25)

- Phantom: SAM 22; Serial: 1260; Phantom section: Flat Section

Channel 1 Test/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 40.6 mW/g

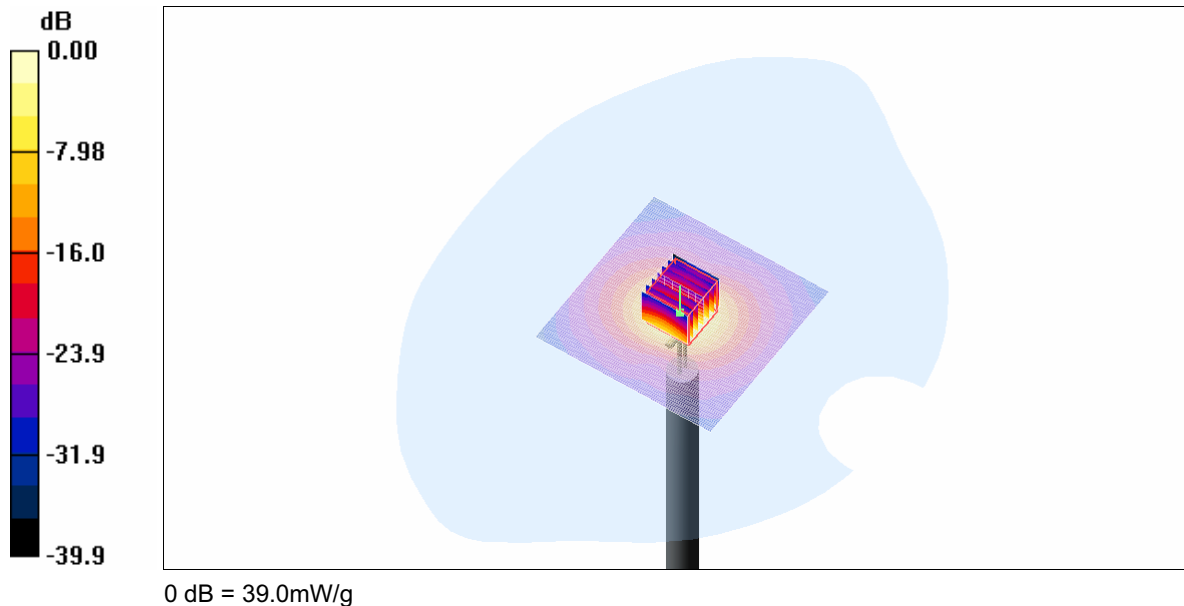
Channel 1 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 99.0 V/m; Power Drift = 0.144 dB

Peak SAR (extrapolated) = 70.7 W/kg

SAR(1 g) = 18.8 mW/g; SAR(10 g) = 5.4 mW/g

Maximum value of SAR (measured) = 39.0 mW/g



SAR MEASUREMENT PLOT 27

Ambient Temperature
Liquid Temperature
Humidity

21.8 Degrees Celsius
21.2 Degrees Celsius
58.0 %



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Test Date: 24 April 2008

File Name: Validation 5500MHz (DAE 442 Probe EX3DV4) 24-04-08.da4

DUT: Dipole 5200_5800 MHz; Type: D5GHzV2; Serial: 1008

* Communication System: CW 5500 MHz; Frequency: 5500 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 4.98038$ mho/m, $\epsilon_r = 35.1943$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(4.03, 4.03, 4.03)

- Phantom: SAM 22; Serial: 1260; Phantom section: Flat Section

Channel 1 Test/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 44.3 mW/g

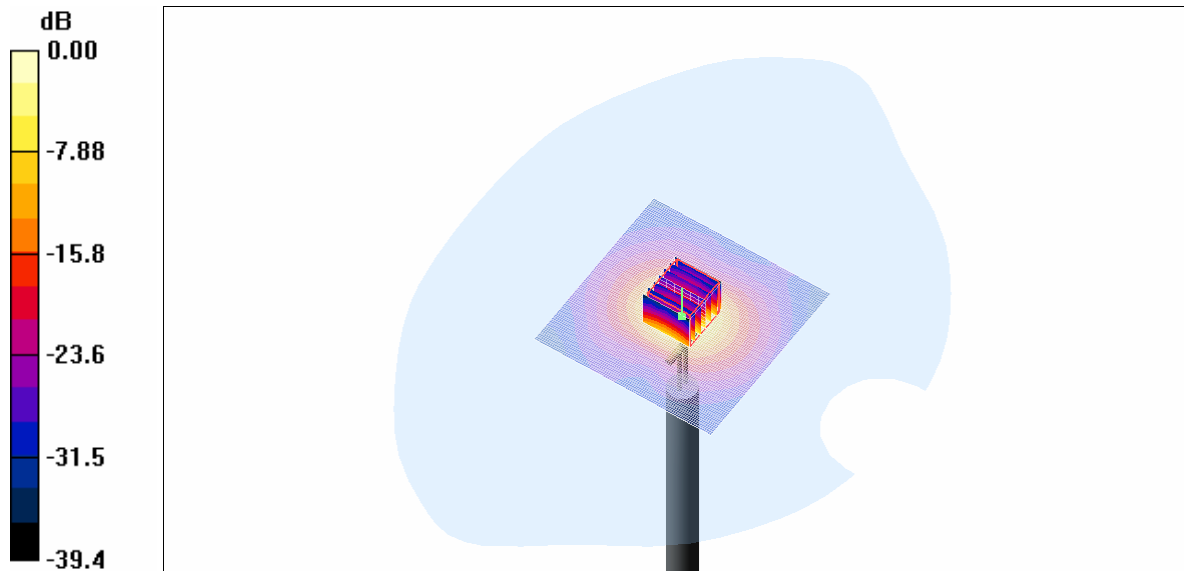
Channel 1 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 98.3 V/m; Power Drift = 0.145 dB

Peak SAR (extrapolated) = 83.5 W/kg

SAR(1 g) = 20.6 mW/g; SAR(10 g) = 5.89 mW/g

Maximum value of SAR (measured) = 43.4 mW/g



0 dB = 43.4mW/g

SAR MEASUREMENT PLOT 28

Ambient Temperature
Liquid Temperature
Humidity

21.0 Degrees Celsius
20.8 Degrees Celsius
46.0 %



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Test Date: 28 April 2008

File Name: Validation 5800MHz (DAE 442 Probe EX3DV4) 29-04-08.da4

DUT: Dipole 5200_5800 MHz; Type: D5GHzV2; Serial: 1008

* Communication System: CW 5800 MHz; Frequency: 5800 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 5.31391$ mho/m, $\epsilon_r = 34.3436$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.65, 3.65, 3.65)

- Phantom: SAM 22; Serial: 1260; Phantom section: Flat Section

Channel 1 Test/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 41.0 mW/g

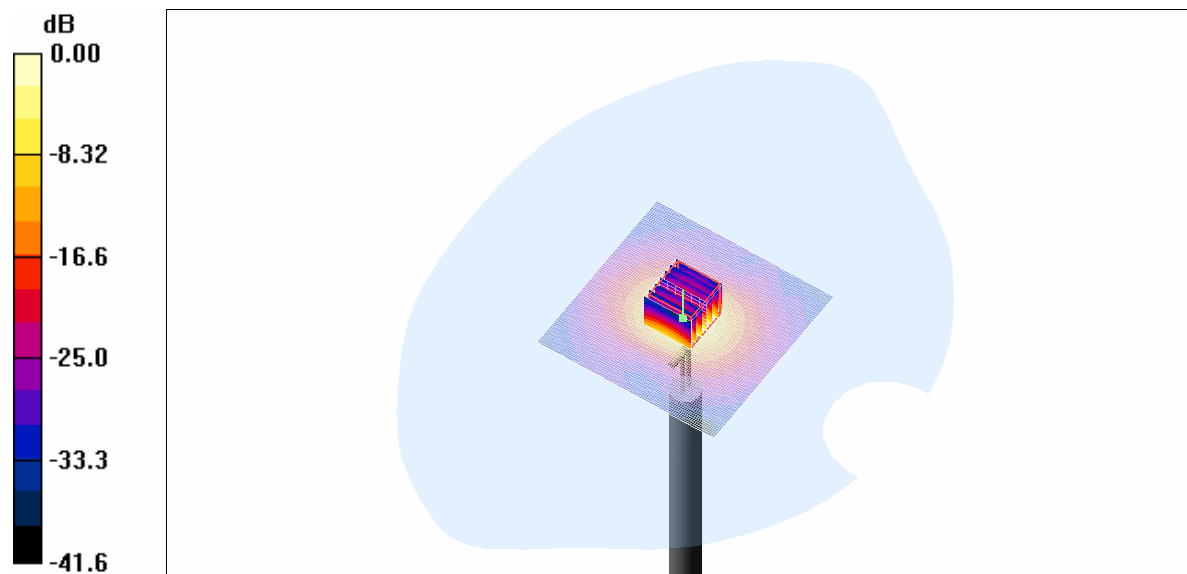
Channel 1 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 93.4 V/m; Power Drift = 0.077 dB

Peak SAR (extrapolated) = 81.9 W/kg

SAR(1 g) = 19.5 mW/g; SAR(10 g) = 5.53 mW/g

Maximum value of SAR (measured) = 41.1 mW/g



0 dB = 41.1mW/g

SAR MEASUREMENT PLOT 29

Ambient Temperature
Liquid Temperature
Humidity

21.8 Degrees Celsius
21.4 Degrees Celsius
33.0 %



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