

APPENDIX B PLOTS OF THE SAR MEASUREMENTS

Plots of the measured SAR distributions inside the phantom are given in this Appendix for all tested configurations.

Table: 850MHz GPRS Band SAR Measurement Plot Numbers

Table 32

Test Position	Plot No.	Test Channel
Lap Held 0mm Spacing DPC ON	1	128
	2	190
	3	251
Lap Held 5mm Spacing DPC OFF	4	128
	5	190
	6	251
Edge # 2 - Primary Portrait	7	128
	8	190
	9	251

Table: 1900MHz GPRS Band SAR Measurement Plot Numbers

Table 33

Test Position	Plot No.	Test Channel
Lap Held 0mm Spacing DPC ON	10	512
	11	661
	12	810
Lap Held 5mm Spacing DPC OFF	13	512
	14	661
	15	810
Edge # 2 - Primary Portrait	16	512
	17	661
	18	810



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Table: 850MHz UMTS Band SAR Measurement Plot Numbers

Table 34

Test Position	Plot No.	Test Channel
Lap Held 0mm Spacing DPC ON	19	4132
	20	4183
	21	4233
Lap Held 5mm Spacing DPC OFF	22	4132
	23	4183
	24	4233
Edge # 2 - Primary Portrait	25	4132
	26	4183
	27	4233

Table: 1735MHz UMTS Band SAR Measurement Plot Numbers

Table 35

Test Position	Plot No.	Test Channel
Lap Held 0mm Spacing DPC ON	28	1312
	29	1427
	30	1513
Lap Held 5mm Spacing DPC OFF	31	1312
	32	1427
	33	1513
Edge # 2 - Primary Portrait	34	1312
	35	1427
	36	1513

Table: 1900MHz UMTS Band SAR Measurement Plot Numbers

Table 36

Test Position	Plot No.	Test Channel
Lap Held 0mm Spacing DPC ON	37	9262
	38	9400
	39	9538
Lap Held 5mm Spacing DPC OFF	40	9262
	41	9400
	42	9538
Edge # 2 - Primary Portrait	43	9262
	44	9400
	45	9538



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Table: 850MHz Ev-Do Band SAR Measurement Plot Numbers

Table 37

Test Position	Plot No.	Test Channel
Lap Held 0mm Spacing DPC ON	46	1013
	47	0384
	48	0777
Lap Held 5mm Spacing DPC OFF	49	1013
	50	0384
	51	0777
Edge # 2 - Primary Portrait	52	1013
	53	0384
	54	0777

Table: 1900MHz Ev-Do Band SAR Measurement Plot Numbers

Table 38

Test Position	Plot No.	Test Channel
Lap Held 0mm Spacing DPC ON	55	0025
	56	0600
	57	1175
Lap Held 5mm Spacing DPC OFF	58	0025
	59	0600
	60	1175
Edge # 2 - Primary Portrait	61	0025
	62	0600
	63	1175

Table: Validation Plots

Table 39

Plot 64	Validation 7 th Dec. 2012 900 MHz
Plot 65	Validation 10 th Dec. 2012 900 MHz
Plot 66	Validation 6 th Dec. 2012 1800 MHz
Plot 67	Validation 4 th Dec. 2012 1950 MHz
Plot 68	Validation 5 th Dec. 2012 1950 MHz



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Test Date: 7 December 2012

File Name: M121125 Lap Held DPC -5dB (8) 850 MHz GPRS Class 10 07-12-12.da52:0

DUT: Fujitsu Tablet Quaver with Gobi 3000; Type: MC8355; Serial: IMEI: 357485040145726

- * Communication System: GPRS Class 10; Frequency: 824.2 MHz; Duty Cycle: 1:4.15911
- * Medium parameters used: $f = 824 \text{ MHz}$; $\sigma = 0.959 \text{ mho/m}$; $\epsilon_r = 53.26$; $\rho = 1000 \text{ kg/m}^3$
- Electronics: DAE3 Sn359; Probe: EX3DV4 - SN3563; ConvF(8.61, 8.61, 8.61); Calibrated: 21/06/2012
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Configuration/Channel 128 Test/Area Scan (61x111x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.680 W/kg

Configuration/Channel 128 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

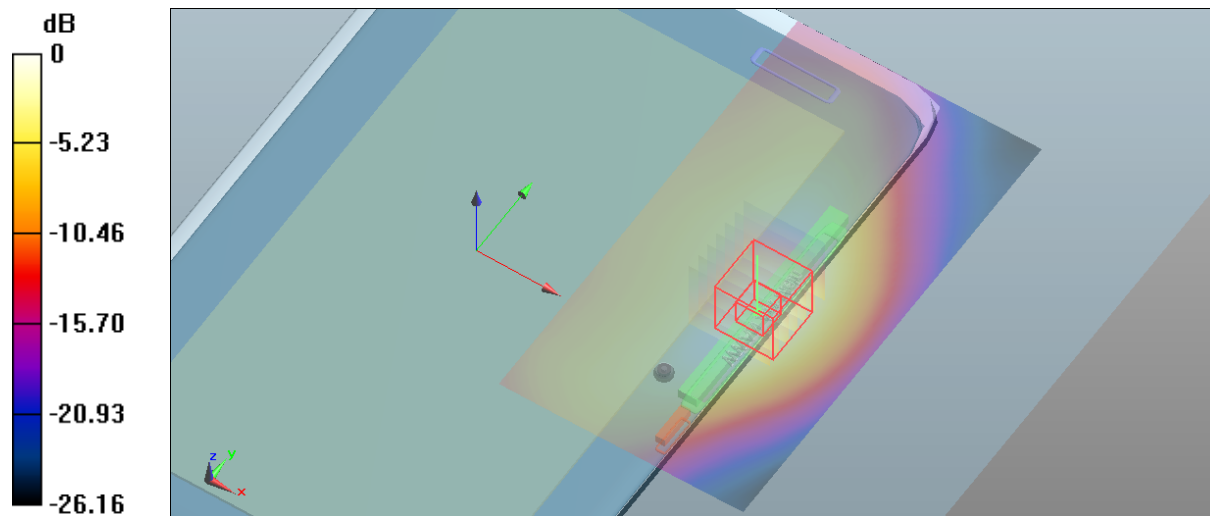
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 24.033 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.278 mW/g

SAR(1 g) = 0.685 mW/g; SAR(10 g) = 0.381 mW/g

Maximum value of SAR (measured) = 0.764 W/kg



0 dB = 0.680 W/kg = -3.35 dB W/kg

SAR MEASUREMENT PLOT 1

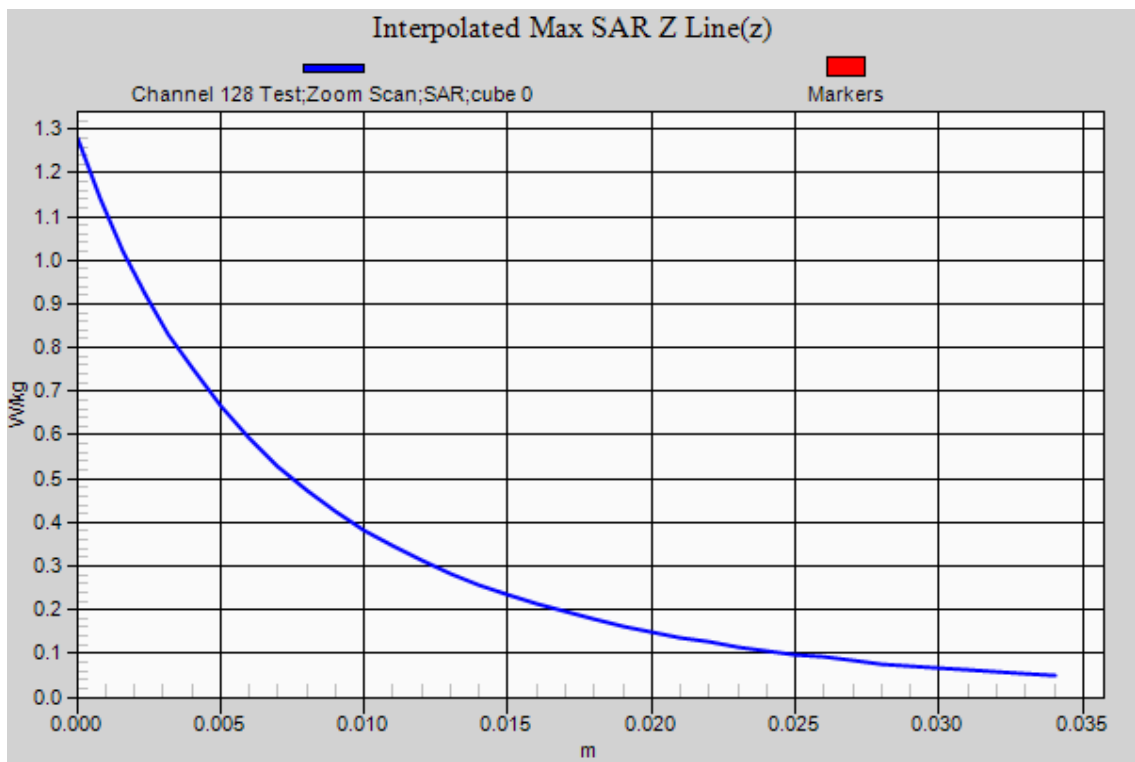
Ambient Temperature
Liquid Temperature
Humidity

21.4 Degrees Celsius
20.1 Degrees Celsius
45.0 %



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DUT: Fujitsu Tablet Quaver with Gobi 3000; Type: MC8355; Serial: IMEI: 357485040145726

- * Communication System: GPRS Class 10; Frequency: 836.6 MHz; Duty Cycle: 1:4.15911
- * Medium parameters used: $f = 836 \text{ MHz}$; $\sigma = 0.973 \text{ mho/m}$; $\epsilon_r = 53.163$; $\rho = 1000 \text{ kg/m}^3$
- Electronics: DAE3 Sn359; Probe: EX3DV4 - SN3563; ConvF(8.61, 8.61, 8.61); Calibrated: 21/06/2012
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Configuration/Channel 190 Test/Area Scan (61x111x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.720 W/kg

Configuration/Channel 190 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

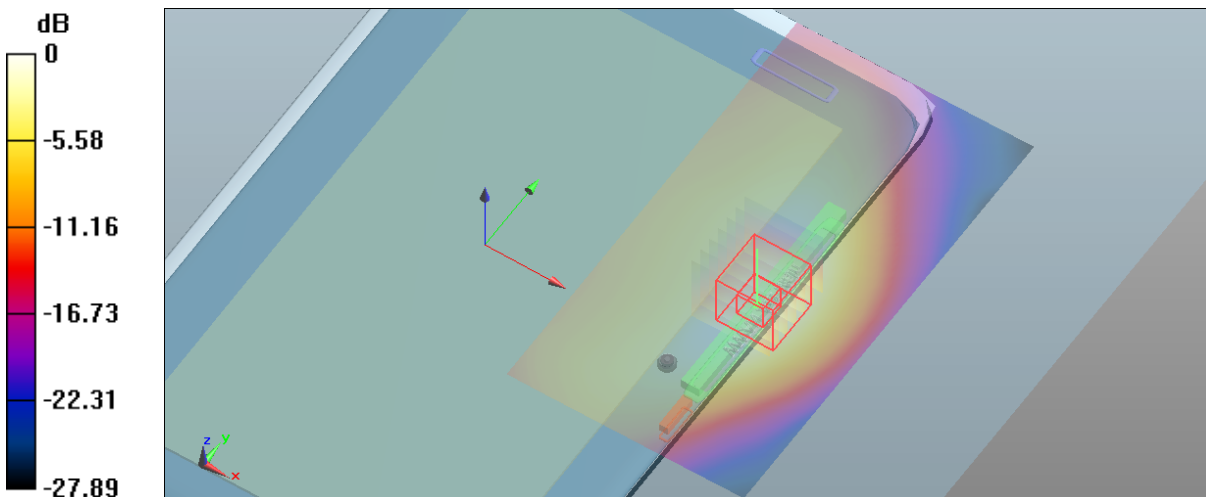
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 24.568 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.344 mW/g

SAR(1 g) = 0.726 mW/g; SAR(10 g) = 0.403 mW/g

Maximum value of SAR (measured) = 0.810 W/kg



0 dB = 0.720 W/kg = -2.85 dB W/kg

SAR MEASUREMENT PLOT 2

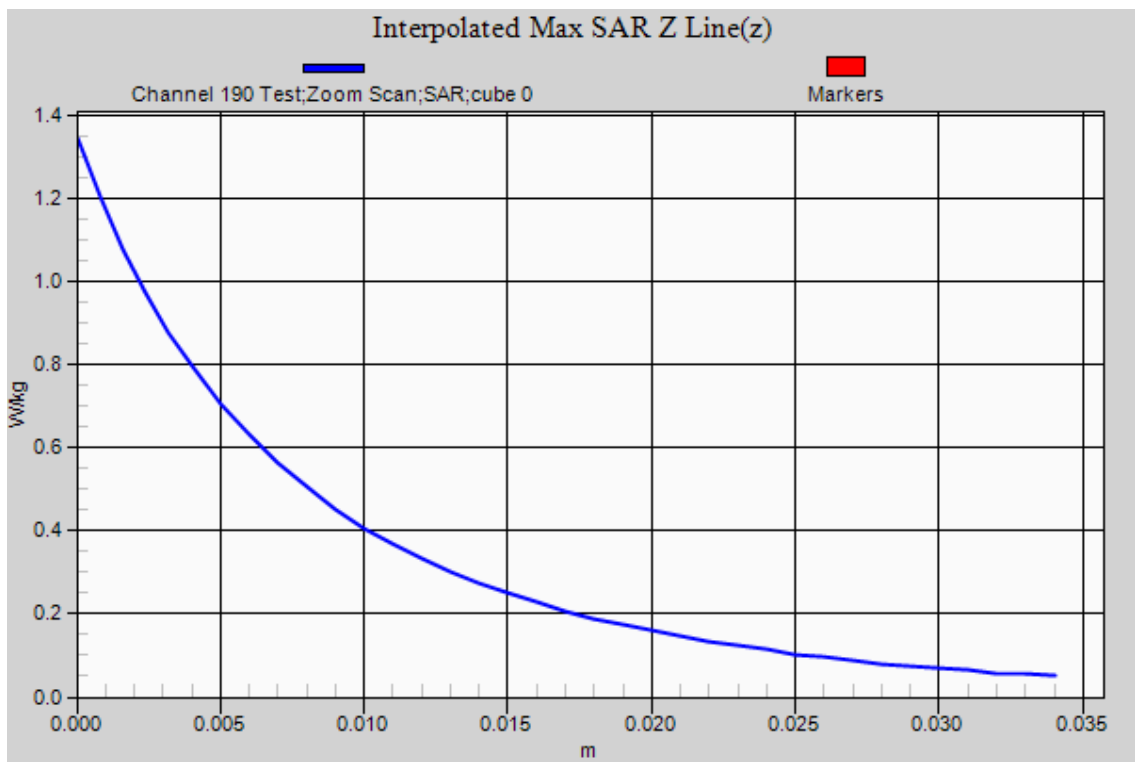
Ambient Temperature
Liquid Temperature
Humidity

21.4 Degrees Celsius
20.1 Degrees Celsius
45.0 %



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File Name: M121125 Lap Held DPC -5dB (8) 850 MHz GPRS Class 10 07-12-12.da52:0

DUT: Fujitsu Tablet Quaver with Gobi 3000; Type: MC8355; Serial: IMEI: 357485040145726

- * Communication System: GPRS Class 10; Frequency: 848.6 MHz; Duty Cycle: 1:4.15911
- * Medium parameters used: $f = 848 \text{ MHz}$; $\sigma = 0.988 \text{ mho/m}$; $\epsilon_r = 53.007$; $\rho = 1000 \text{ kg/m}^3$
- Electronics: DAE3 Sn359; Probe: EX3DV4 - SN3563; ConvF(8.61, 8.61, 8.61); Calibrated: 21/06/2012
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Configuration/Channel 251 Test/Area Scan (61x111x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.824 W/kg

Configuration/Channel 251 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

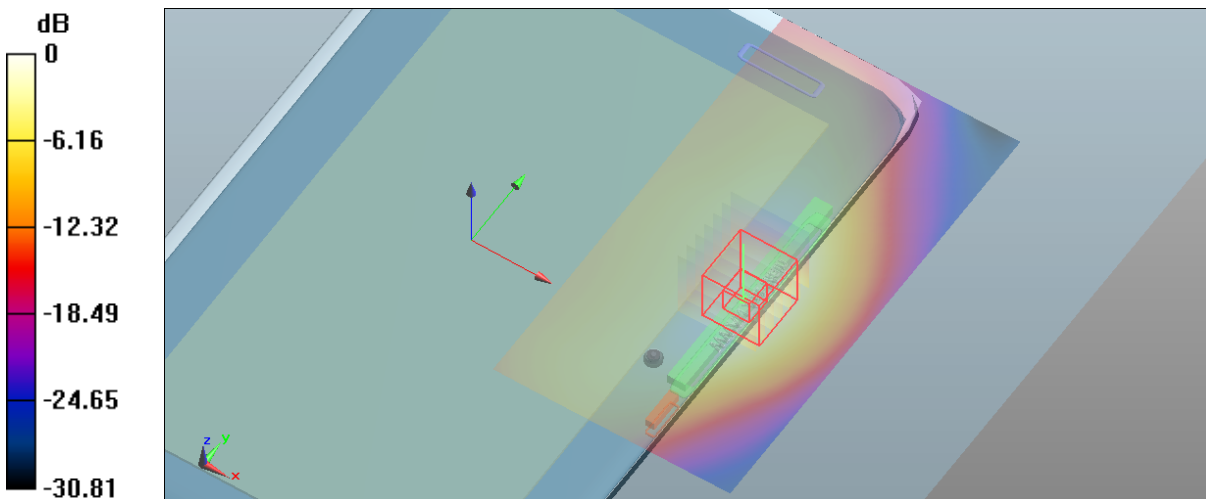
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 25.840 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.525 mW/g

SAR(1 g) = 0.826 mW/g; SAR(10 g) = 0.457 mW/g

Maximum value of SAR (measured) = 0.924 W/kg



0 dB = 0.824 W/kg = -1.68 dB W/kg

SAR MEASUREMENT PLOT 3

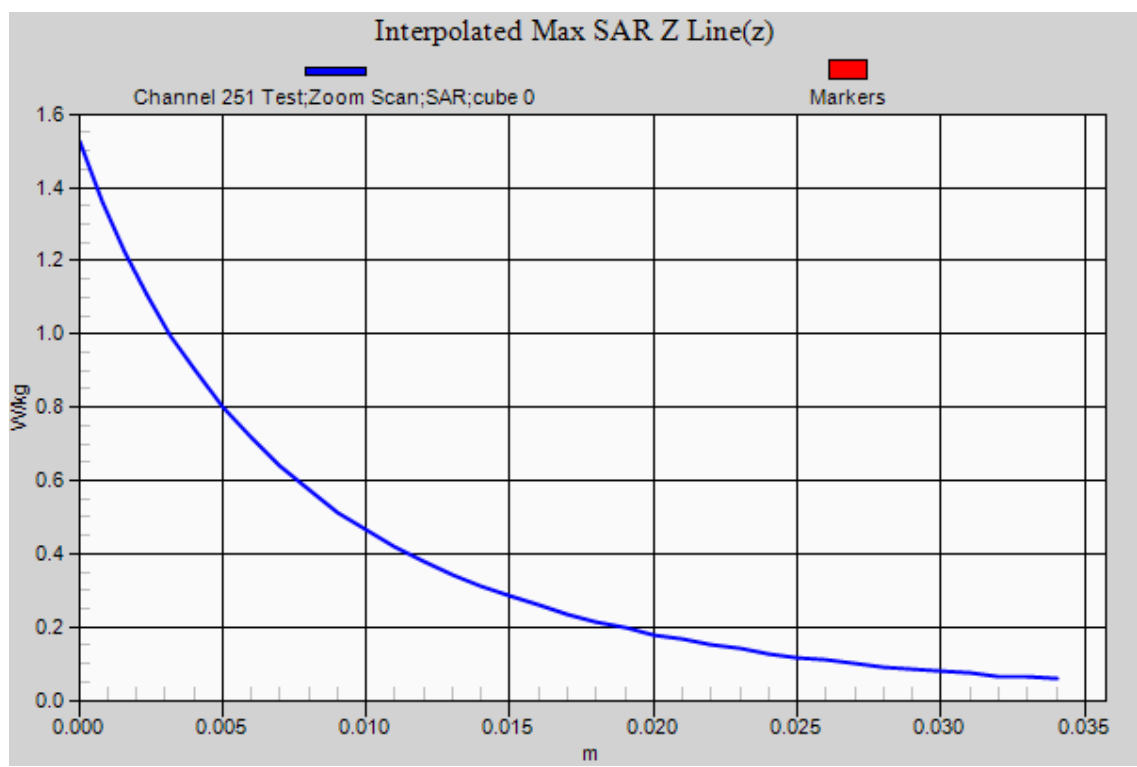
Ambient Temperature
Liquid Temperature
Humidity

21.4 Degrees Celsius
20.1 Degrees Celsius
45.0 %



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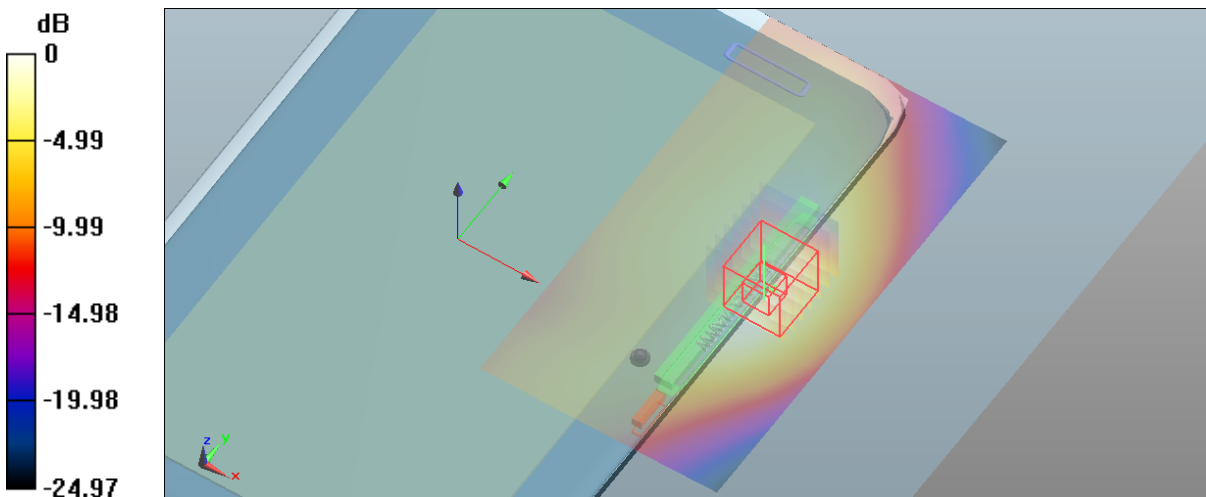
Test Date: 7 December 2012

File Name: M121125 Lap Held 5mm Spacing NO-DPC -0dB (0) 850 MHz GPRS Class 10 07-12-12.da52:0
 DUT: Fujitsu Tablet Quaver with Gobi 3000; Type: MC8355; Serial: IMEI: 357485040145726

- * Communication System: GPRS Class 10; Frequency: 824.2 MHz; Duty Cycle: 1:4.15911
- * Medium parameters used: $f = 824 \text{ MHz}$; $\sigma = 0.959 \text{ mho/m}$; $\epsilon_r = 53.26$; $\rho = 1000 \text{ kg/m}^3$
- Electronics: DAE3 Sn359; Probe: EX3DV4 - SN3563; ConvF(8.61, 8.61, 8.61); Calibrated: 21/06/2012
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Configuration/Channel 128 Test/Area Scan (61x111x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 1.12 W/kg

Configuration/Channel 128 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid:
 $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 24.960 V/m; Power Drift = -0.01 dB
 Peak SAR (extrapolated) = 1.754 mW/g
 $\text{SAR}(1 \text{ g}) = 1.03 \text{ mW/g}$; $\text{SAR}(10 \text{ g}) = 0.615 \text{ mW/g}$
 Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 1.12 W/kg = 0.98 dB W/kg

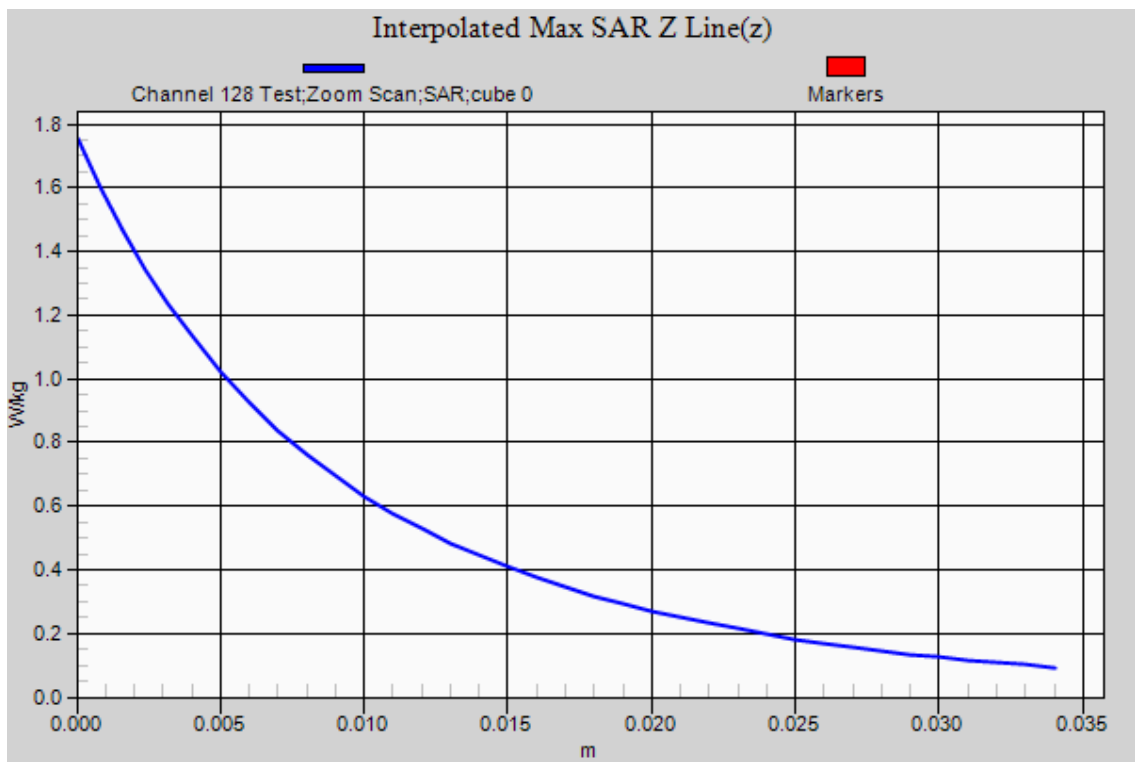
SAR MEASUREMENT PLOT 4

Ambient Temperature	21.4 Degrees Celsius
Liquid Temperature	20.1 Degrees Celsius
Humidity	45.0 %



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Test Date: 7 December 2012

File Name: M121125 Lap Held 5mm Spacing NO-DPC -0dB (0) 850 MHz GPRS Class 10 07-12-12.da52:0

DUT: Fujitsu Tablet Quaver with Gobi 3000; Type: MC8355; Serial: IMEI: 357485040145726

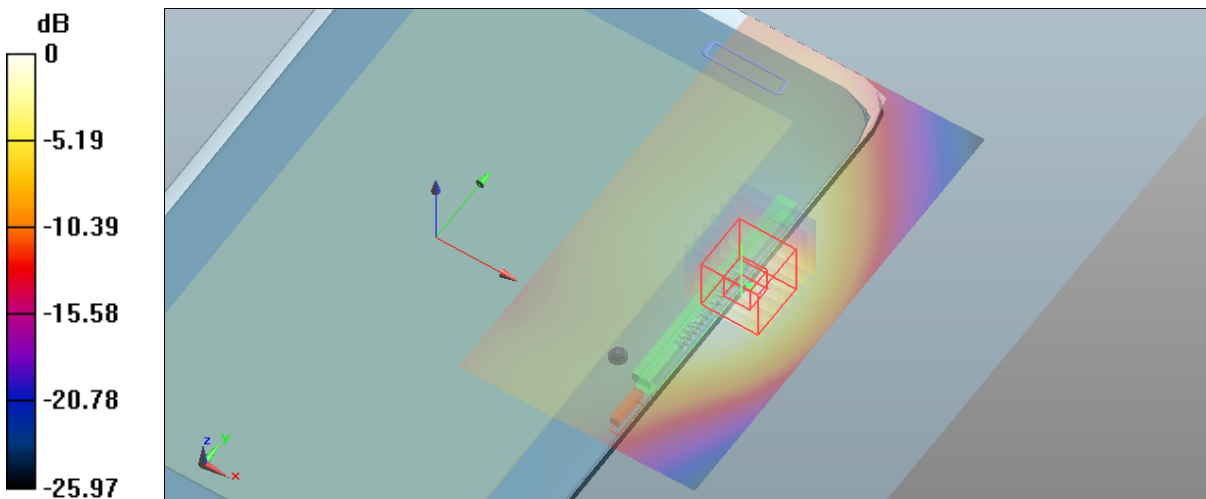
- * Communication System: GPRS Class 10; Frequency: 836.6 MHz; Duty Cycle: 1:4.15911
- * Medium parameters used: $f = 836 \text{ MHz}$; $\sigma = 0.973 \text{ mho/m}$; $\epsilon_r = 53.163$; $\rho = 1000 \text{ kg/m}^3$
- Electronics: DAE3 Sn359; Probe: EX3DV4 - SN3563; ConvF(8.61, 8.61, 8.61); Calibrated: 21/06/2012
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Configuration/Channel 190 Test/Area Scan (61x111x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 1.30 W/kg

Configuration/Channel 190 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

- $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
- Reference Value = 26.707 V/m; Power Drift = 0.00 dB
- Peak SAR (extrapolated) = 1.973 mW/g
- SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.705 mW/g
- Maximum value of SAR (measured) = 1.28 W/kg



0 dB = 1.30 W/kg = 2.28 dB W/kg

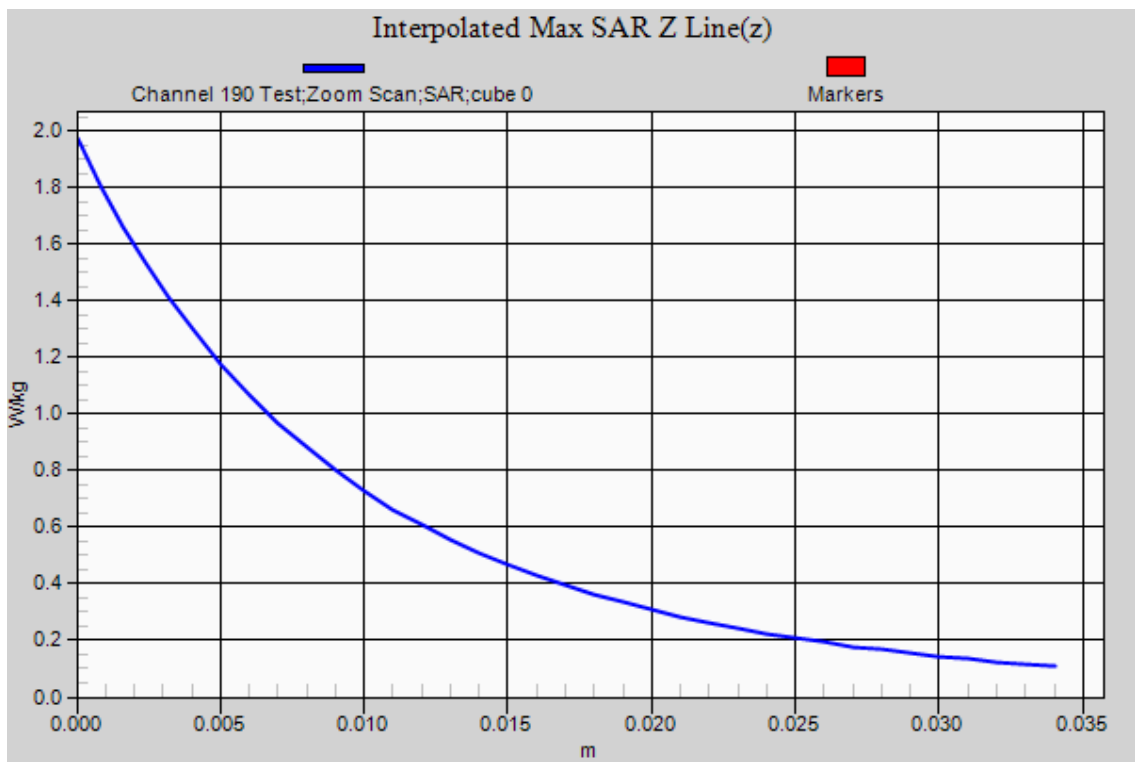
SAR MEASUREMENT PLOT 5

Ambient Temperature	21.4 Degrees Celsius
Liquid Temperature	20.1 Degrees Celsius
Humidity	45.0 %



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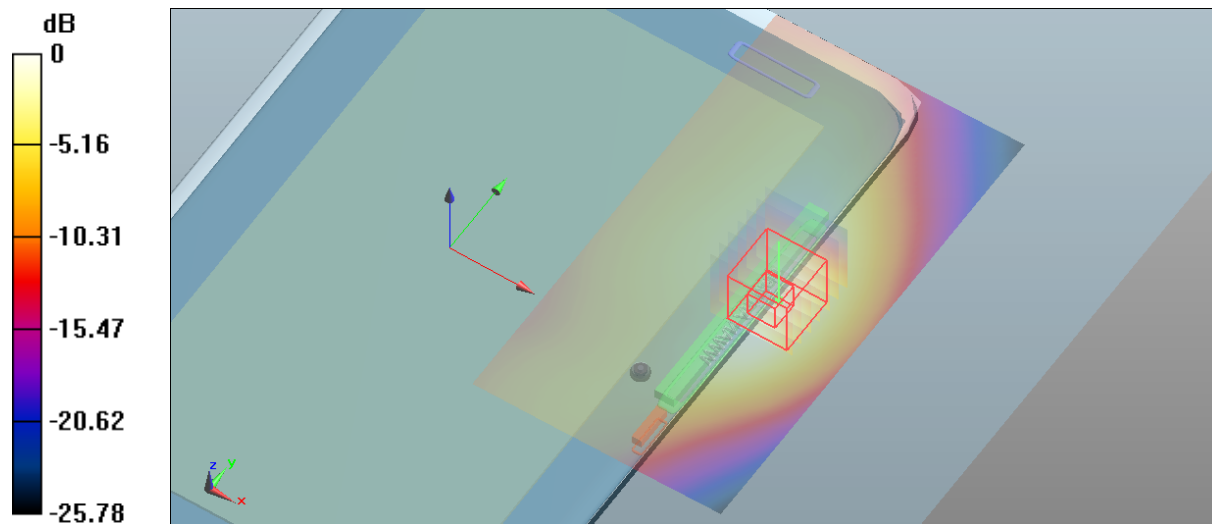
Test Date: 7 December 2012

File Name: M121125 Lap Held 5mm Spacing NO-DPC -0dB (0) 850 MHz GPRS Class 10 07-12-12.da52:0
 DUT: Fujitsu Tablet Quaver with Gobi 3000; Type: MC8355; Serial: IMEI: 357485040145726

- * Communication System: GPRS Class 10; Frequency: 848.6 MHz; Duty Cycle: 1:4.15911
- * Medium parameters used: $f = 848 \text{ MHz}$; $\sigma = 0.988 \text{ mho/m}$; $\epsilon_r = 53.007$; $\rho = 1000 \text{ kg/m}^3$
- Electronics: DAE3 Sn359; Probe: EX3DV4 - SN3563; ConvF(8.61, 8.61, 8.61); Calibrated: 21/06/2012
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Configuration/Channel 251 Test/Area Scan (61x111x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 1.46 W/kg

Configuration/Channel 251 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid:
 $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 28.020 V/m; Power Drift = -0.01 dB
 Peak SAR (extrapolated) = 2.249 mW/g
 $\text{SAR}(1 \text{ g}) = 1.33 \text{ mW/g}$; $\text{SAR}(10 \text{ g}) = 0.787 \text{ mW/g}$
 Maximum value of SAR (measured) = 1.44 W/kg



0 dB = 1.46 W/kg = 3.29 dB W/kg

SAR MEASUREMENT PLOT 6

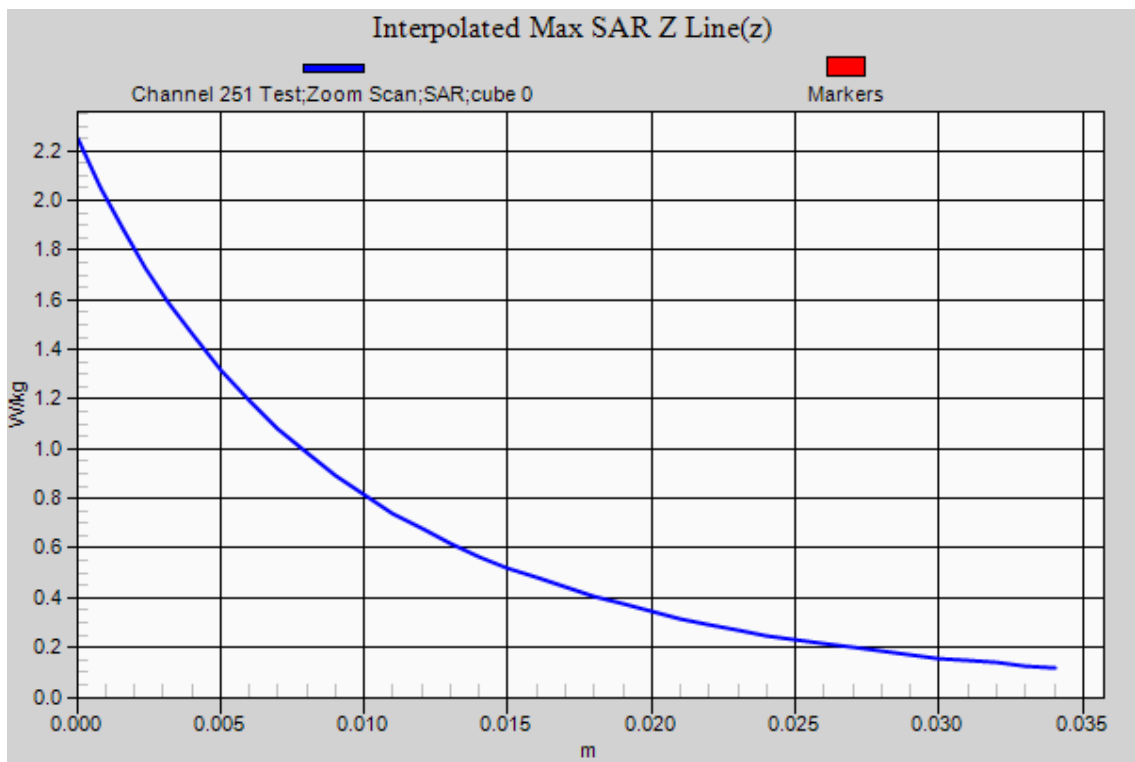
Ambient Temperature
 Liquid Temperature
 Humidity

21.4 Degrees Celsius
 20.1 Degrees Celsius
 45.0 %



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Test Date: 7 December 2012

File Name: M121125 Primary Portrait NO-DPC -0dB (0) 850 MHz GPRS Class 10 07-12-12.da52:0

DUT: Fujitsu Tablet Quaver with Gobi 3000; Type: MC8355; Serial: IMEI: 357485040145726

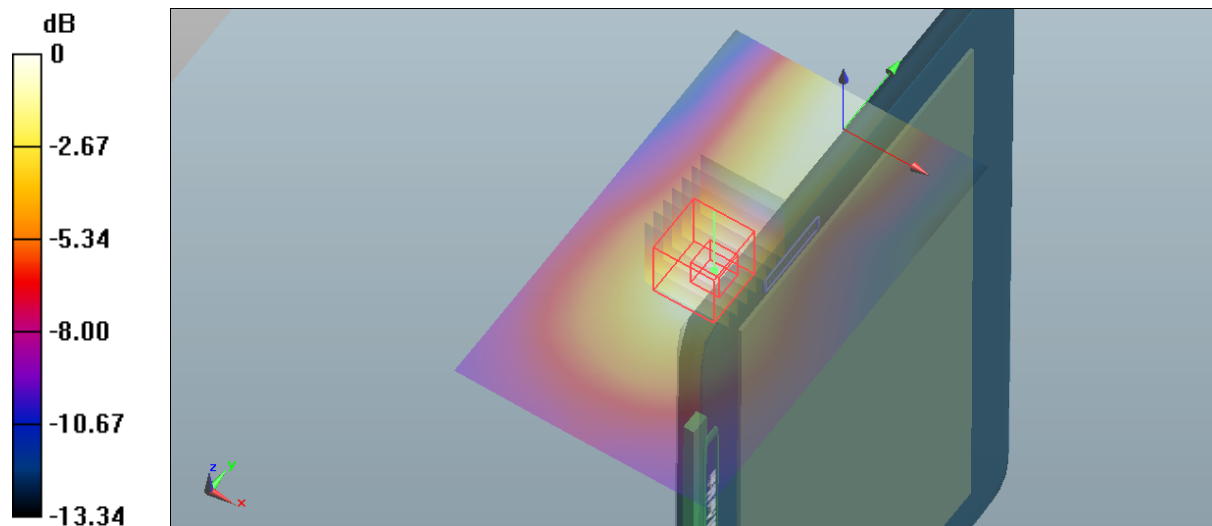
- * Communication System: GPRS Class 10; Frequency: 824.2 MHz; Duty Cycle: 1:4.15911
- * Medium parameters used: $f = 824 \text{ MHz}$; $\sigma = 0.959 \text{ mho/m}$; $\epsilon_r = 53.26$; $\rho = 1000 \text{ kg/m}^3$
- Electronics: DAE3 Sn359; Probe: EX3DV4 - SN3563; ConvF(8.61, 8.61, 8.61); Calibrated: 21/06/2012
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Configuration/Channel 128 Test/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.107 W/kg

Configuration/Channel 128 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

- dx=5mm, dy=5mm, dz=5mm
- Reference Value = 9.714 V/m; Power Drift = 0.03 dB
- Peak SAR (extrapolated) = 0.196 mW/g
- SAR(1 g) = 0.093 mW/g; SAR(10 g) = 0.054 mW/g
- Maximum value of SAR (measured) = 0.106 W/kg



0 dB = 0.107 W/kg = -19.41 dB W/kg

SAR MEASUREMENT PLOT 7

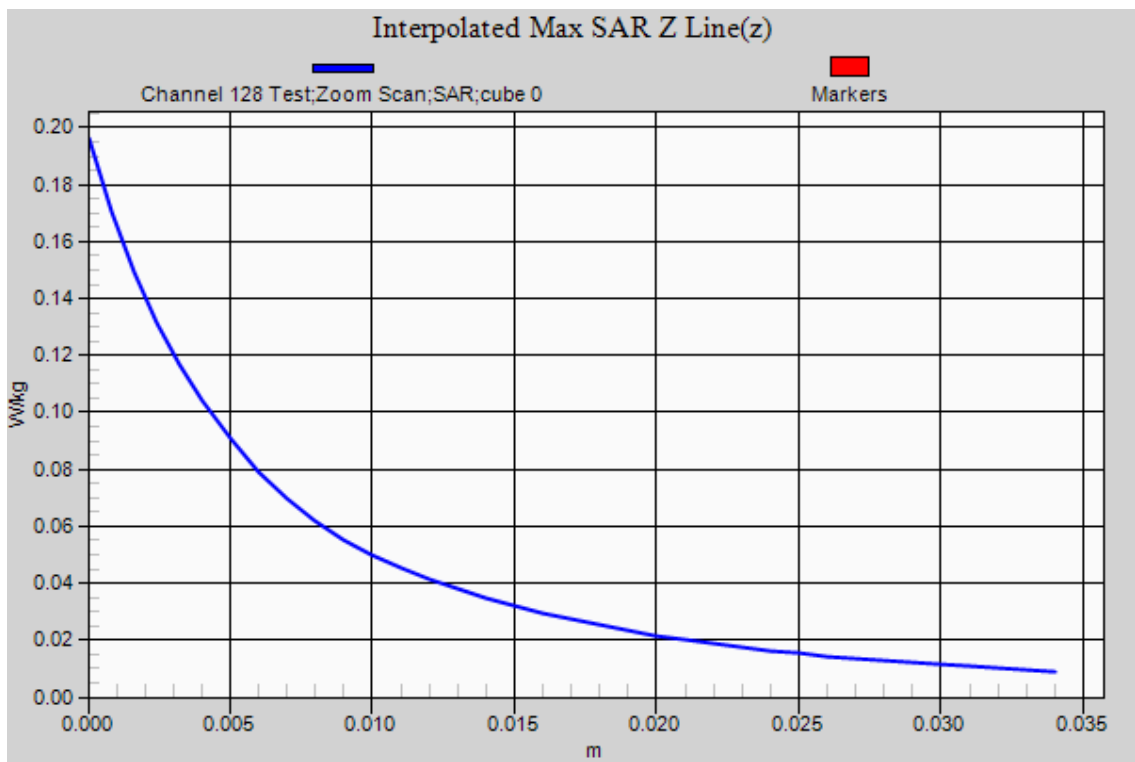
Ambient Temperature
Liquid Temperature
Humidity

21.4 Degrees Celsius
20.1 Degrees Celsius
45.0 %



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Test Date: 7 December 2012

File Name: M121125 Primary Portrait NO-DPC -0dB (0) 850 MHz GPRS Class 10 07-12-12.da52:0

DUT: Fujitsu Tablet Quaver with Gobi 3000; Type: MC8355; Serial: IMEI: 357485040145726

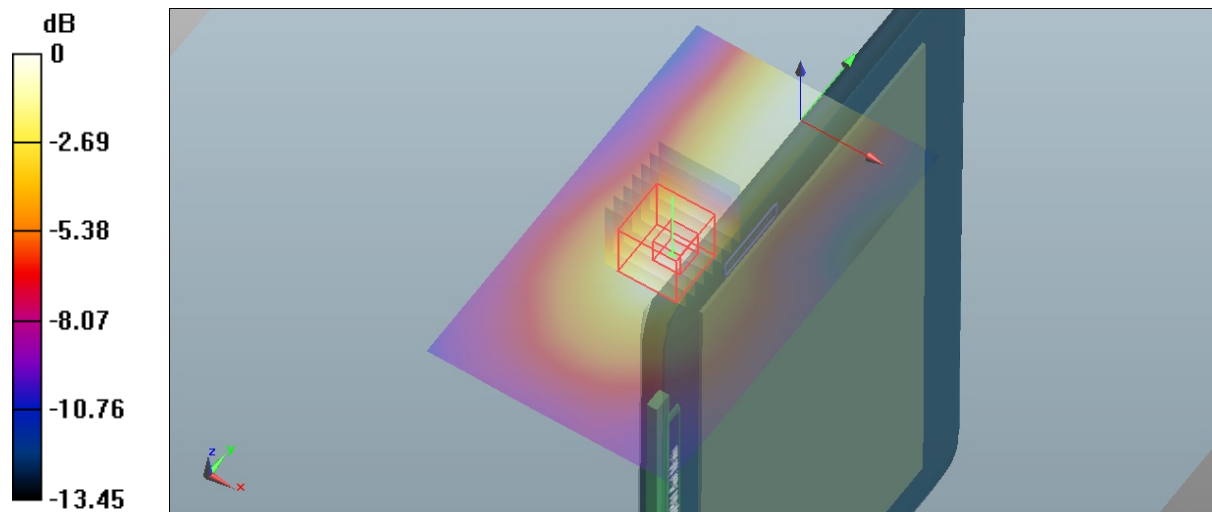
- * Communication System: GPRS Class 10; Frequency: 836.6 MHz; Duty Cycle: 1:4.15911
- * Medium parameters used: $f = 836 \text{ MHz}$; $\sigma = 0.973 \text{ mho/m}$; $\epsilon_r = 53.163$; $\rho = 1000 \text{ kg/m}^3$
- Electronics: DAE3 Sn359; Probe: EX3DV4 - SN3563; ConvF(8.61, 8.61, 8.61); Calibrated: 21/06/2012
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Configuration/Channel 190 Test/Area Scan (61x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0977 W/kg

Configuration/Channel 190 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

- $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
- Reference Value = 9.307 V/m; Power Drift = -0.04 dB
- Peak SAR (extrapolated) = 0.188 mW/g
- SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.050 mW/g
- Maximum value of SAR (measured) = 0.0976 W/kg



0 dB = 0.0977 W/kg = -20.20 dB W/kg

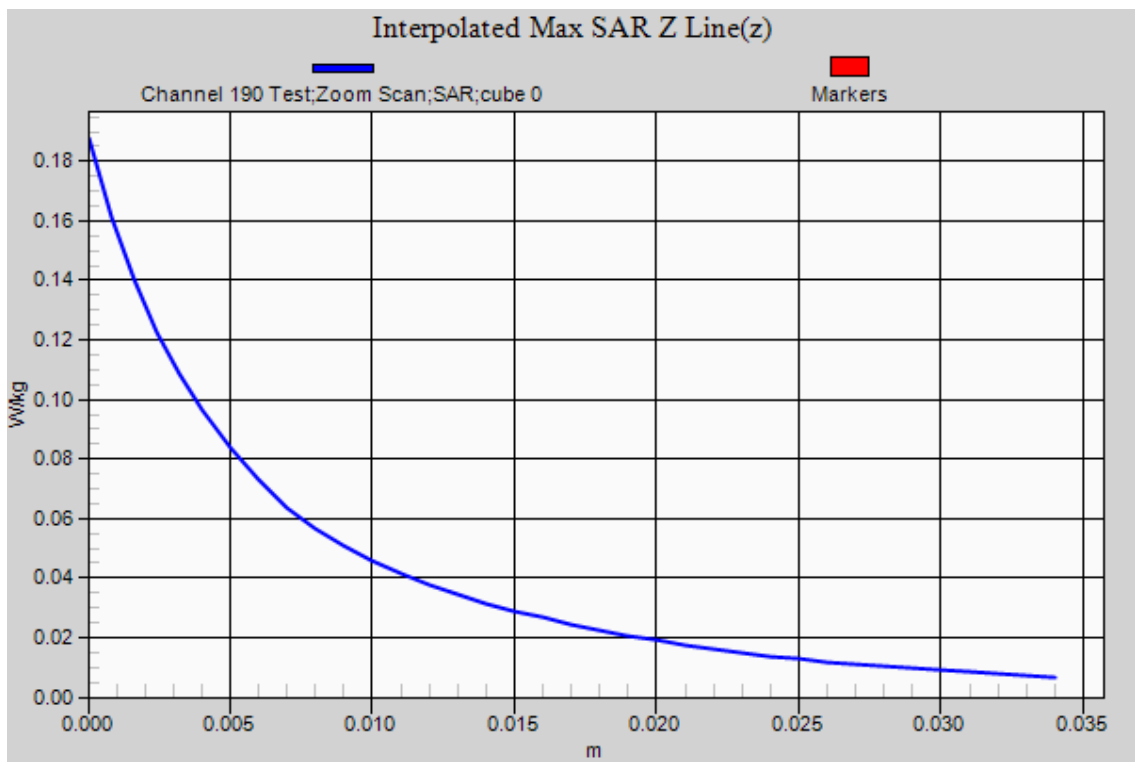
SAR MEASUREMENT PLOT 8

Ambient Temperature	21.4 Degrees Celsius
Liquid Temperature	20.1 Degrees Celsius
Humidity	45.0 %



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Test Date: 7 December 2012

File Name: M121125 Primary Portrait NO-DPC -0dB (0) 850 MHz GPRS Class 10 07-12-12.da52:0

DUT: Fujitsu Tablet Quaver with Gobi 3000; Type: MC8355; Serial: IMEI: 357485040145726

- * Communication System: GPRS Class 10; Frequency: 848.6 MHz; Duty Cycle: 1:4.15911
- * Medium parameters used: $f = 848 \text{ MHz}$; $\sigma = 0.988 \text{ mho/m}$; $\epsilon_r = 53.007$; $\rho = 1000 \text{ kg/m}^3$
- Electronics: DAE3 Sn359; Probe: EX3DV4 - SN3563; ConvF(8.61, 8.61, 8.61); Calibrated: 21/06/2012
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Configuration/Channel 251 Test/Area Scan (61x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.110 W/kg

Configuration/Channel 251 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

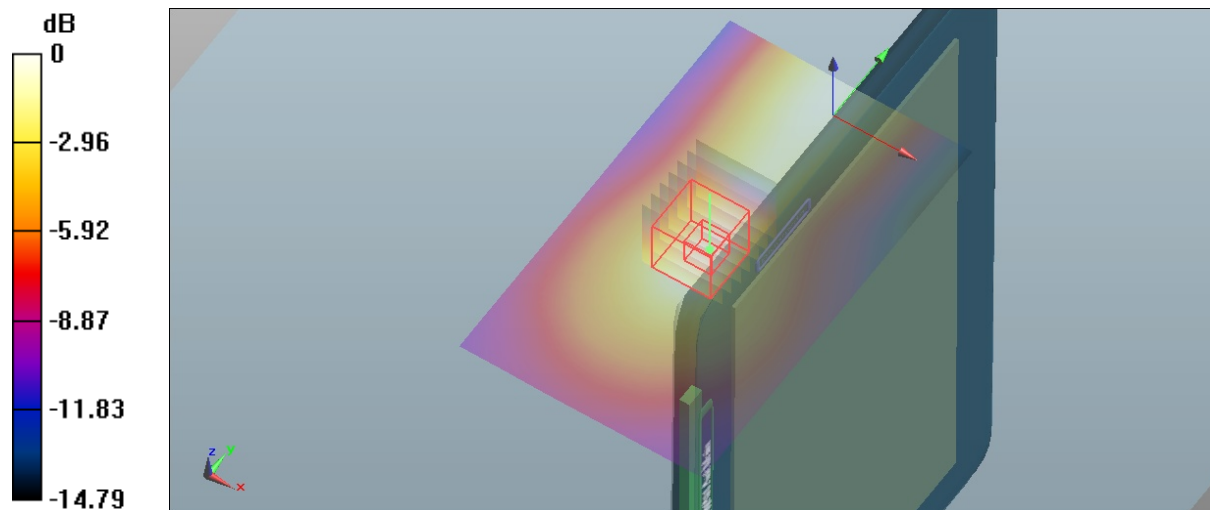
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.866 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.207 mW/g

SAR(1 g) = 0.099 mW/g; SAR(10 g) = 0.057 mW/g

Maximum value of SAR (measured) = 0.111 W/kg



0 dB = 0.110 W/kg = -19.17 dB W/kg

SAR MEASUREMENT PLOT 9

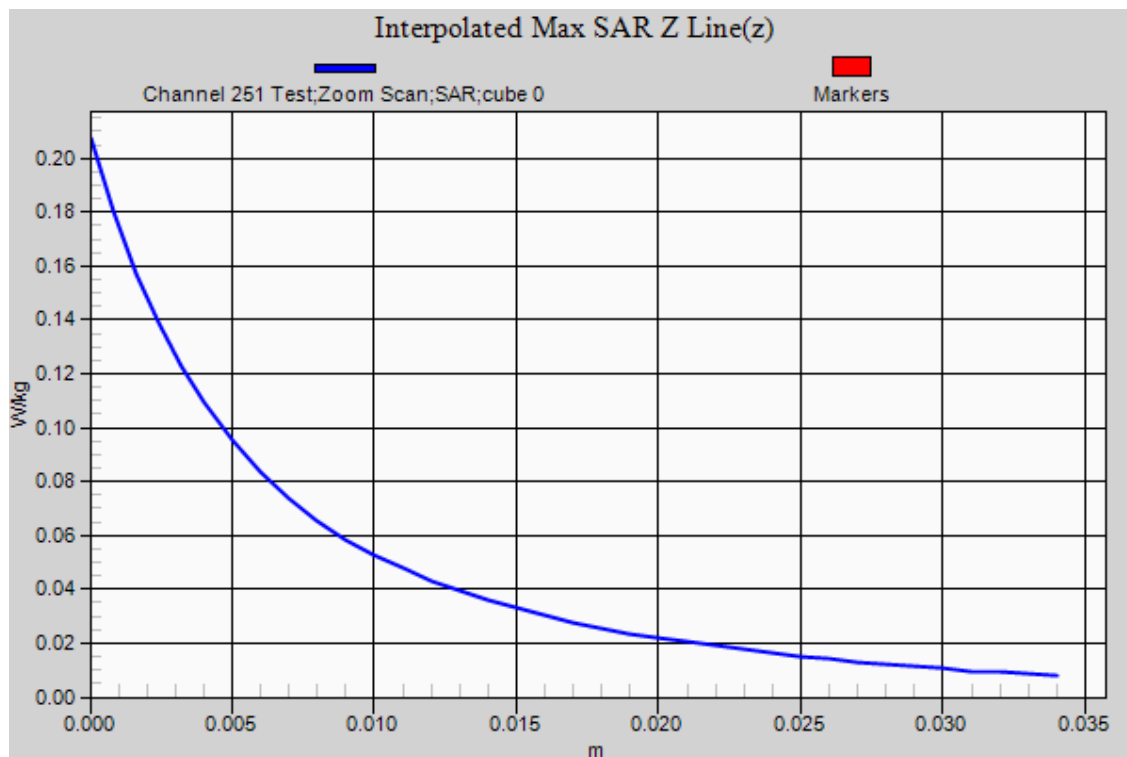
Ambient Temperature
Liquid Temperature
Humidity

21.4 Degrees Celsius
20.1 Degrees Celsius
45.0 %



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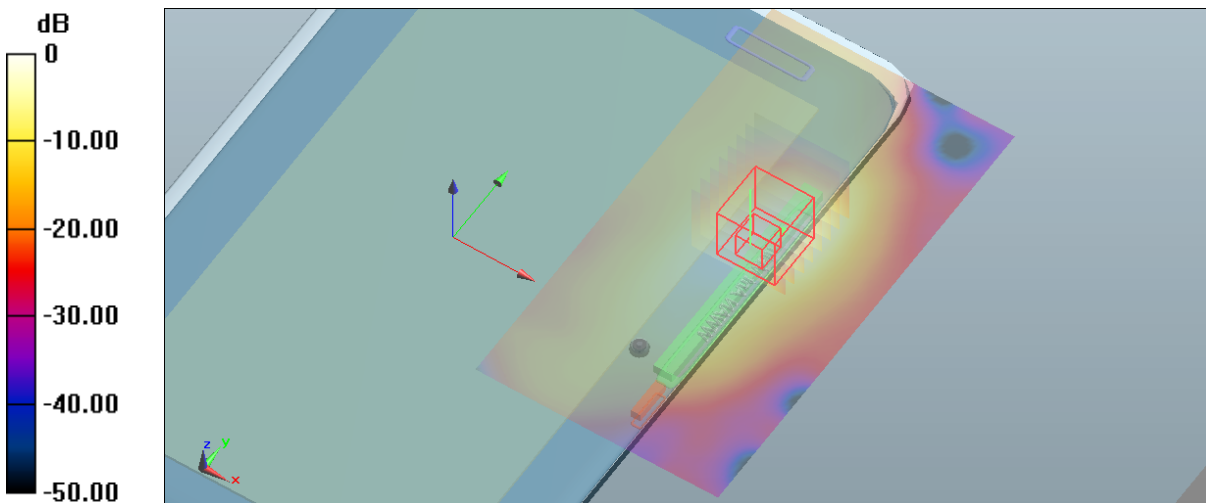
Test Date: 4 December 2012

File Name: M121125 Lap Held DPC -5dB (8) 1850 MHz GPRS Class 10 04-12-12.da52:0
 DUT: Fujitsu Tablet Quaver with Gobi 3000; Type: MC8355; Serial: IMEI: 357485040145726

- * Communication System: GPRS Class 10; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15911
- * Medium parameters used: $f = 1851.2$ MHz; $\sigma = 1.564$ mho/m; $\epsilon_r = 51.355$; $\rho = 1000$ kg/m³
- Electronics: DAE3 Sn359; Probe: EX3DV4 - SN3563; ConvF(7.14, 7.14, 7.14); Calibrated: 21/06/2012
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Configuration/Channel 512 Test/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 1.07 W/kg

Configuration/Channel 512 Test/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 24.235 V/m; Power Drift = -0.06 dB
 Peak SAR (extrapolated) = 1.927 mW/g
 SAR(1 g) = 0.946 mW/g; SAR(10 g) = 0.485 mW/g
 Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.07 W/kg = 0.59 dB W/kg

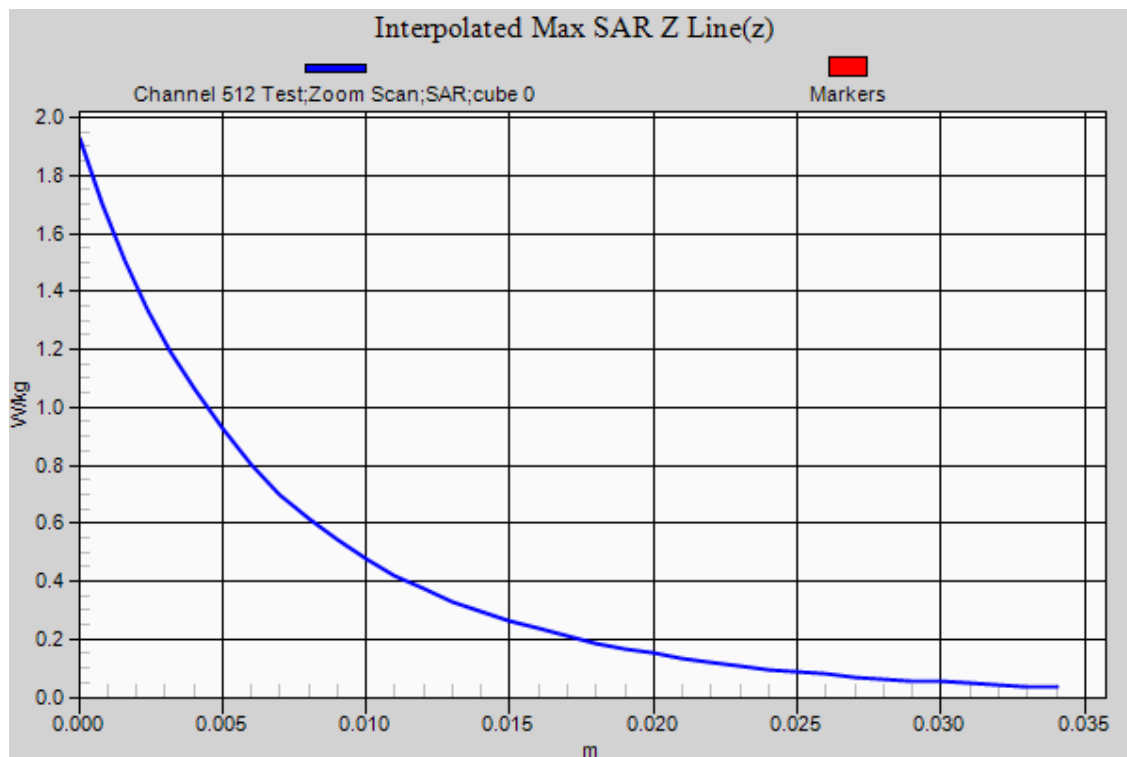
SAR MEASUREMENT PLOT 10

Ambient Temperature	21.4 Degrees Celsius
Liquid Temperature	21.0 Degrees Celsius
Humidity	51.0 %



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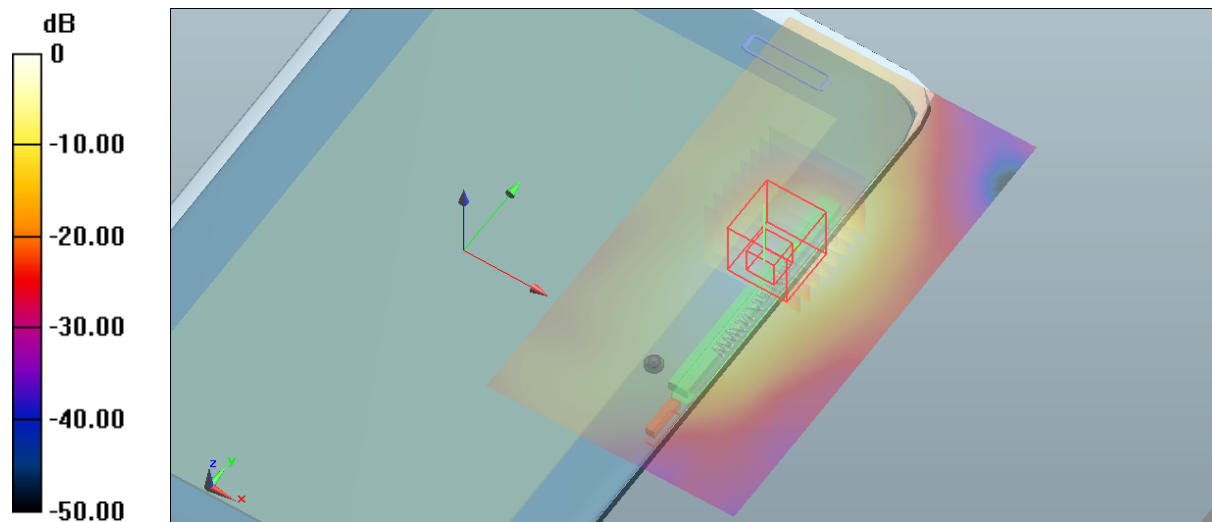
Test Date: 4 December 2012

File Name: M121125 Lap Held DPC -5dB (8) 1850 MHz GPRS Class 10 04-12-12.da52:0
 DUT: Fujitsu Tablet Quaver with Gobi 3000; Type: MC8355; Serial: IMEI: 357485040145726

- * Communication System: GPRS Class 10; Frequency: 1880 MHz; Duty Cycle: 1:4.15911
- * Medium parameters used: $f = 1879.2$ MHz; $\sigma = 1.574$ mho/m; $\epsilon_r = 51.262$; $\rho = 1000$ kg/m³
- Electronics: DAE3 Sn359; Probe: EX3DV4 - SN3563; ConvF(7.14, 7.14, 7.14); Calibrated: 21/06/2012
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Configuration/Channel 661 Test/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 1.43 W/kg

Configuration/Channel 661 Test/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 29.571 V/m; Power Drift = -0.11 dB
 Peak SAR (extrapolated) = 2.868 mW/g
 SAR(1 g) = 1.36 mW/g; SAR(10 g) = 0.678 mW/g
 Maximum value of SAR (measured) = 1.55 W/kg



0 dB = 1.43 W/kg = 3.11 dB W/kg

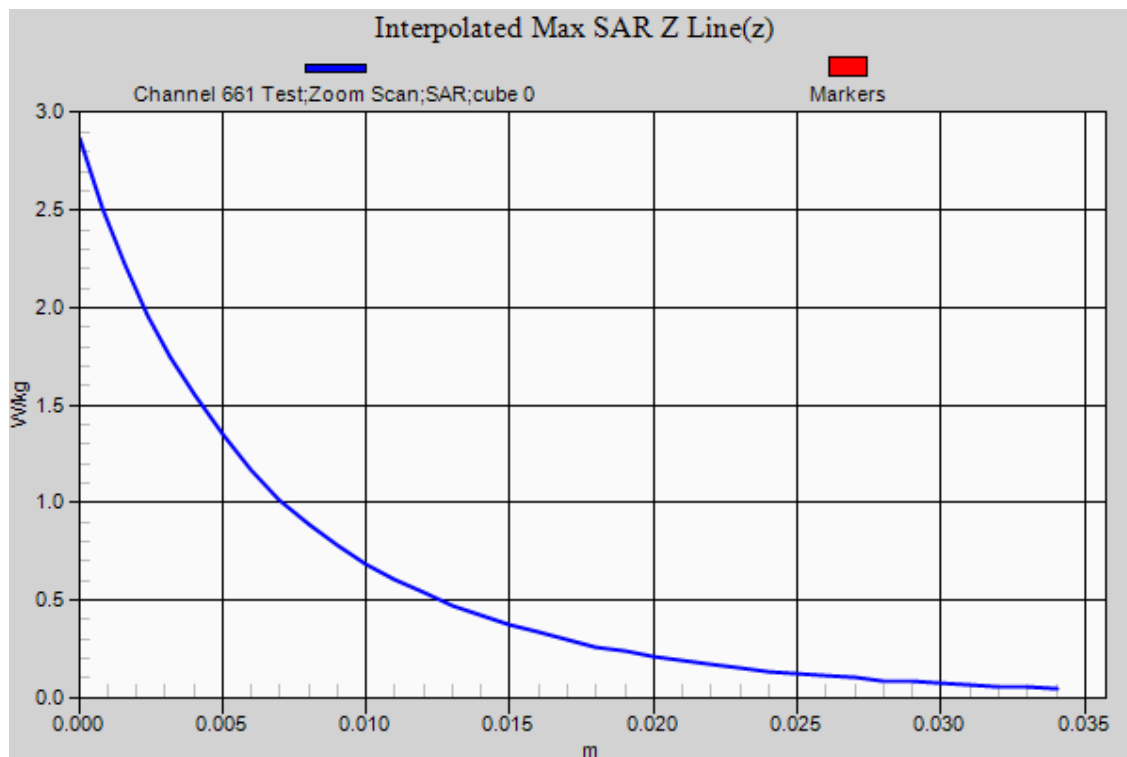
SAR MEASUREMENT PLOT 11

Ambient Temperature	21.4 Degrees Celsius
Liquid Temperature	21.0 Degrees Celsius
Humidity	51.0 %



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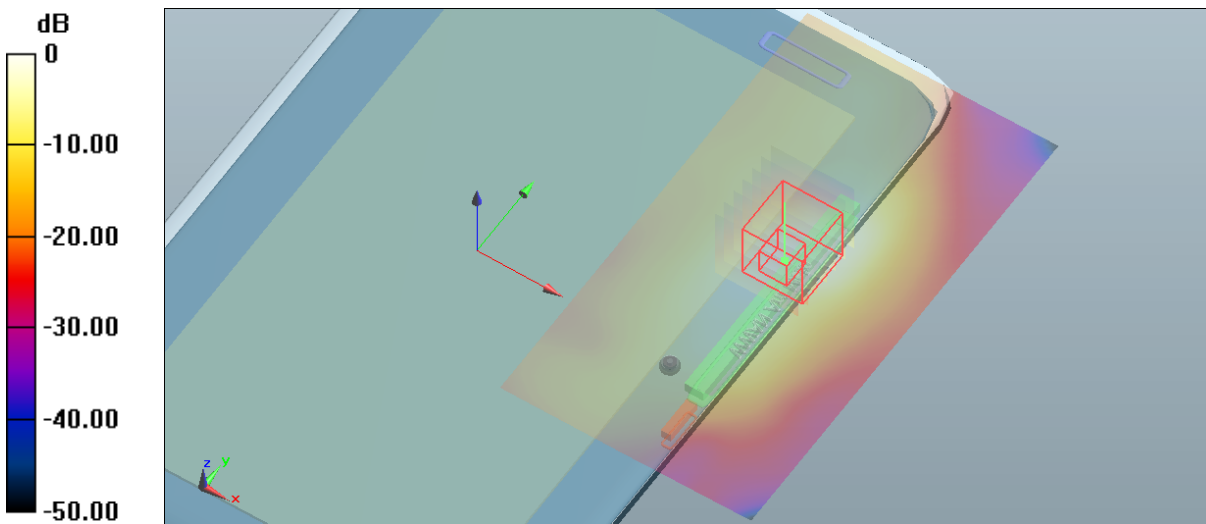
Test Date: 4 December 2012

File Name: M121125 Lap Held DPC -5dB (8) 1850 MHz GPRS Class 10 04-12-12.da52:0
 DUT: Fujitsu Tablet Quaver with Gobi 3000; Type: MC8355; Serial: IMEI: 357485040145726

- * Communication System: GPRS Class 10; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15911
- * Medium parameters used: $f = 1910$ MHz; $\sigma = 1.586$ mho/m; $\epsilon_r = 51.102$; $\rho = 1000$ kg/m³
- Electronics: DAE3 Sn359; Probe: EX3DV4 - SN3563; ConvF(7.14, 7.14, 7.14); Calibrated: 21/06/2012
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Configuration/Channel 810 Test/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 1.56 W/kg

Configuration/Channel 810 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 30.959 V/m; Power Drift = 0.03 dB
 Peak SAR (extrapolated) = 3.239 mW/g
 SAR(1 g) = 1.53 mW/g; SAR(10 g) = 0.748 mW/g
 Maximum value of SAR (measured) = 1.76 W/kg



0 dB = 1.56 W/kg = 3.86 dB W/kg

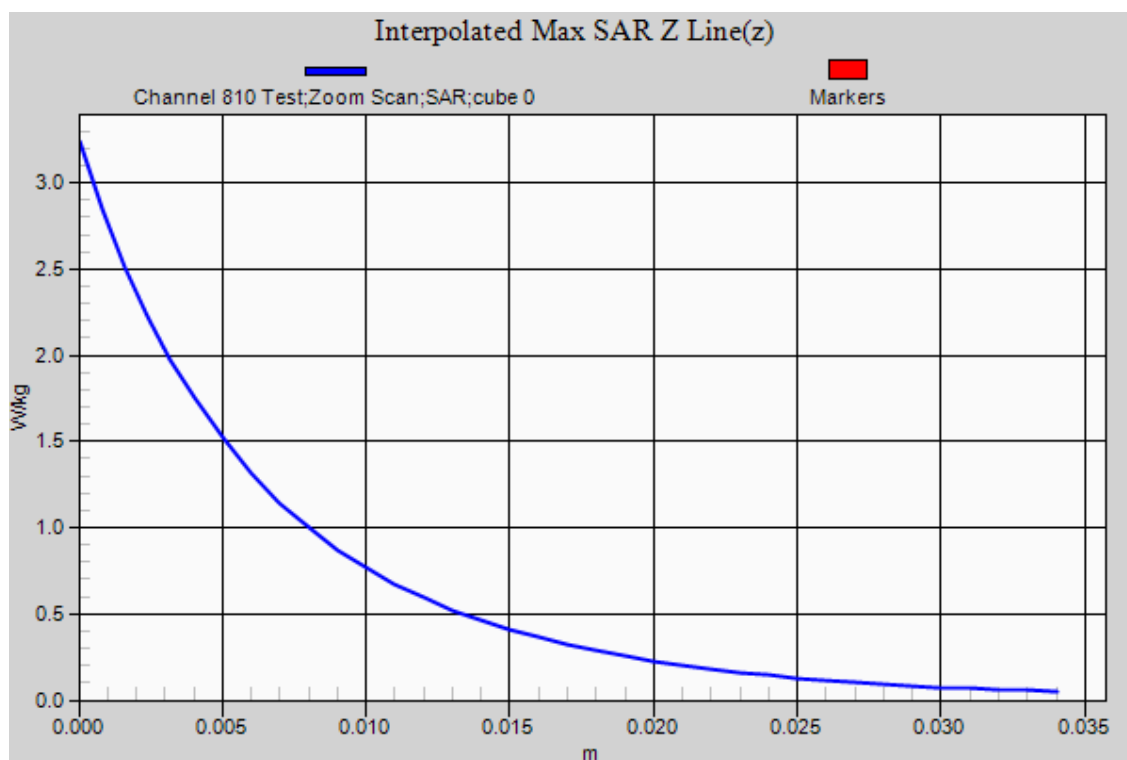
SAR MEASUREMENT PLOT 12

Ambient Temperature	21.4 Degrees Celsius
Liquid Temperature	21.0 Degrees Celsius
Humidity	51.0 %



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Test Date: 4 December 2012

File Name: M121125 Lap Held 5mm Spacing NO-DPC -0dB (0) 1850 MHz GPRS Class 04-12-12.da52:0

DUT: Fujitsu Tablet Quaver with Gobi 3000; Type: MC8355; Serial: IMEI: 357485040145726

- * Communication System: GPRS Class 10; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15911
- * Medium parameters used: $f = 1851.2$ MHz; $\sigma = 1.564$ mho/m; $\epsilon_r = 51.355$; $\rho = 1000$ kg/m³
- Electronics: DAE3 Sn359; Probe: EX3DV4 - SN3563; ConvF(7.14, 7.14, 7.14); Calibrated: 21/06/2012
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Configuration/Channel 512 Test/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.39 W/kg

Configuration/Channel 512 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

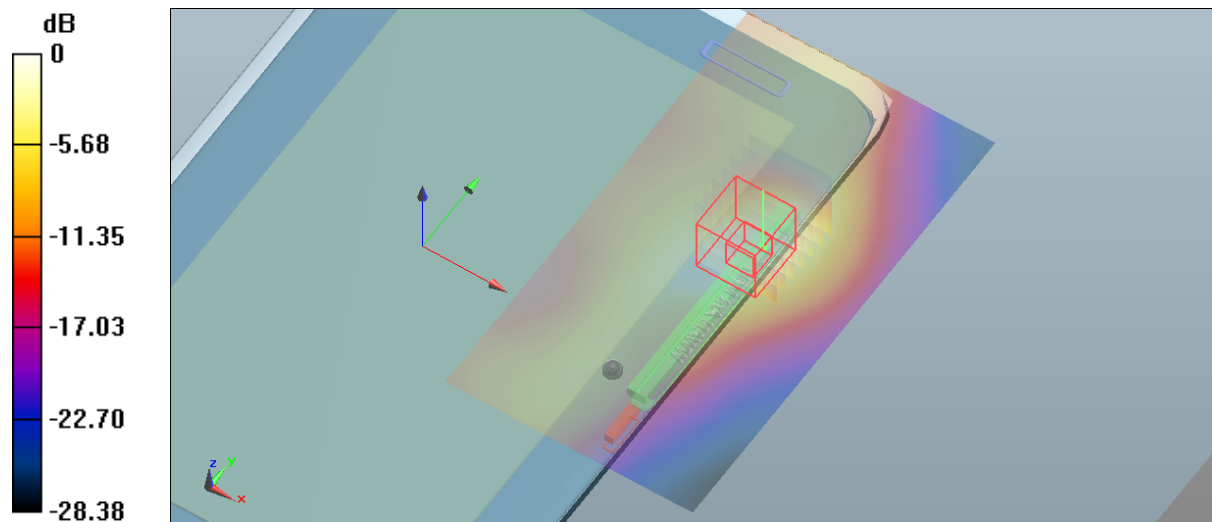
dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.923 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.238 mW/g

SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.658 mW/g

Maximum value of SAR (measured) = 1.34 W/kg



0 dB = 1.39 W/kg = 2.86 dB W/kg

SAR MEASUREMENT PLOT 13

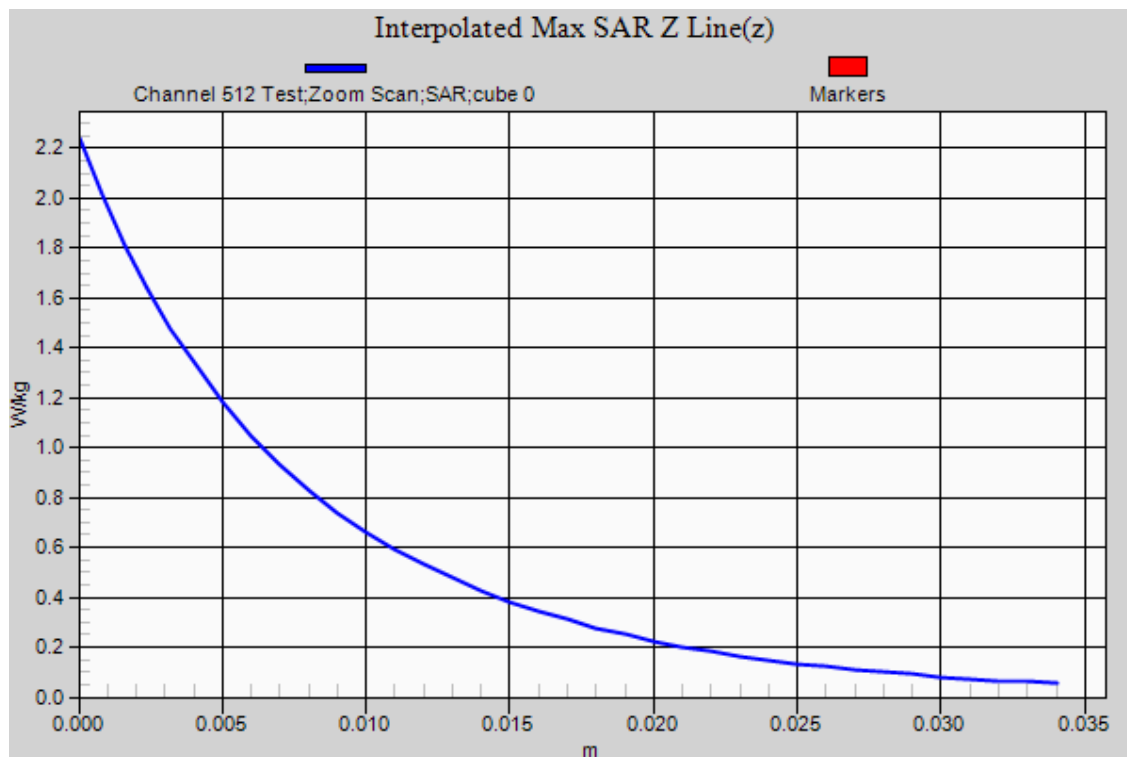
Ambient Temperature
Liquid Temperature
Humidity

21.4 Degrees Celsius
21.0 Degrees Celsius
51.0 %



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Test Date: 4 December 2012

File Name: M121125 Lap Held 5mm Spacing NO-DPC -0dB (0) 1850 MHz GPRS Class 04-12-12.da52:0

DUT: Fujitsu Tablet Quaver with Gobi 3000; Type: MC8355; Serial: IMEI: 357485040145726

- * Communication System: GPRS Class 10; Frequency: 1880 MHz; Duty Cycle: 1:4.15911
- * Medium parameters used: $f = 1879.2$ MHz; $\sigma = 1.574$ mho/m; $\epsilon_r = 51.262$; $\rho = 1000$ kg/m³
- Electronics: DAE3 Sn359; Probe: EX3DV4 - SN3563; ConvF(7.14, 7.14, 7.14); Calibrated: 21/06/2012
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Configuration/Channel 661 Test/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.66 W/kg

Configuration/Channel 661 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

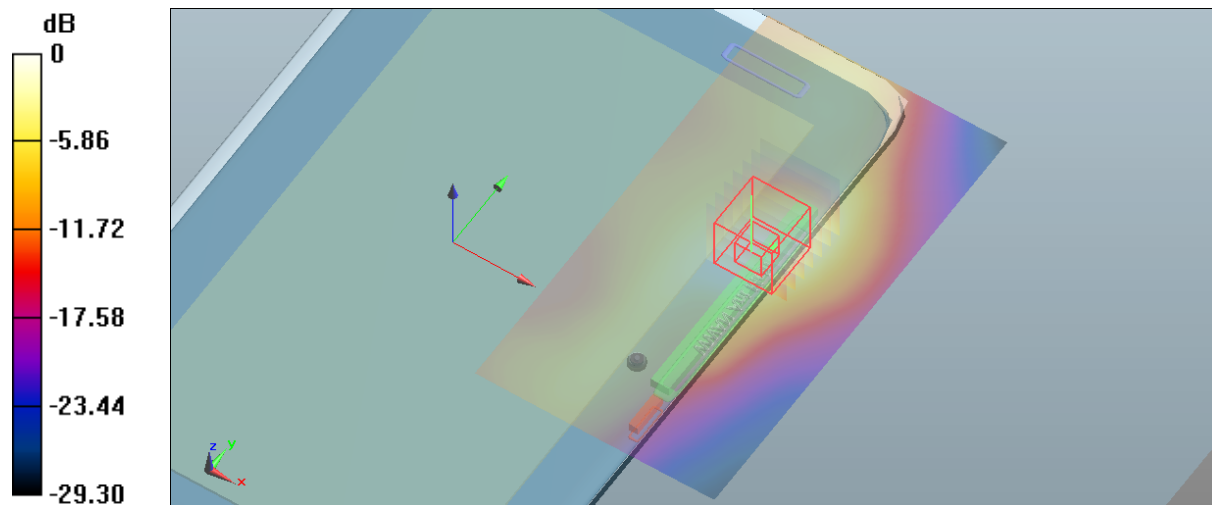
dx=5mm, dy=5mm, dz=5mm

Reference Value = 30.401 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.746 mW/g

SAR(1 g) = 1.5 mW/g; SAR(10 g) = 0.805 mW/g

Maximum value of SAR (measured) = 1.68 W/kg



0 dB = 1.66 W/kg = 4.40 dB W/kg

SAR MEASUREMENT PLOT 14

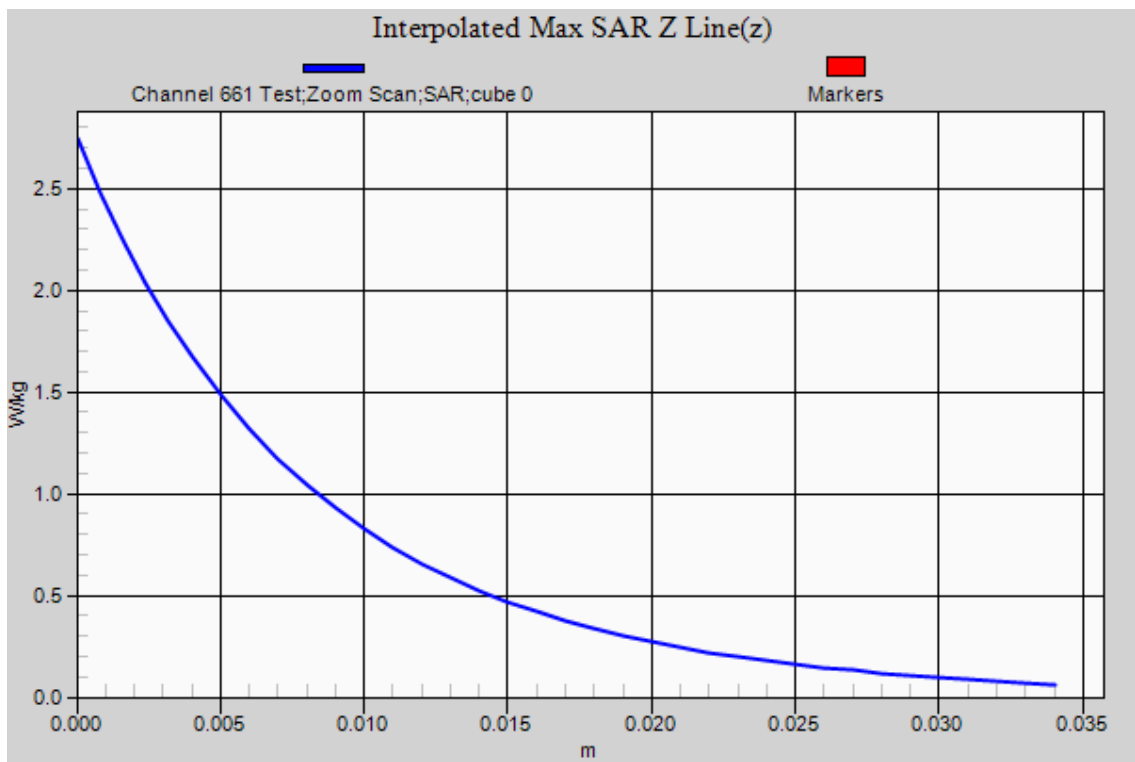
Ambient Temperature
Liquid Temperature
Humidity

21.4 Degrees Celsius
21.0 Degrees Celsius
51.0 %



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Test Date: 4 December 2012

File Name: M121125 Lap Held 5mm Spacing NO-DPC -0dB (0) 1850 MHz GPRS Class 04-12-12.da52:0

DUT: Fujitsu Tablet Quaver with Gobi 3000; Type: MC8355; Serial: IMEI: 357485040145726

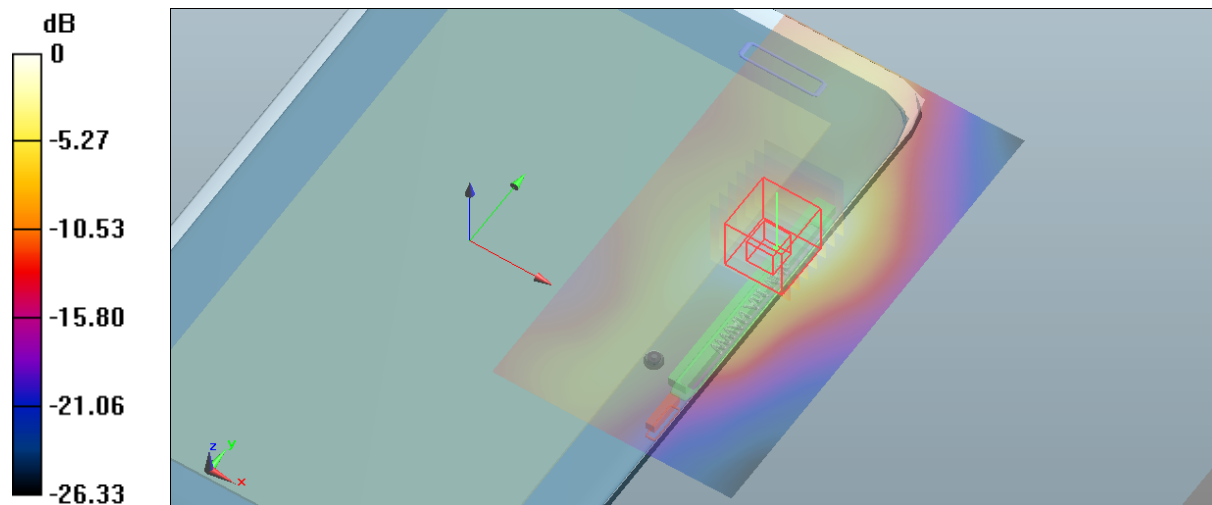
- * Communication System: GPRS Class 10; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15911
- * Medium parameters used: $f = 1910$ MHz; $\sigma = 1.586$ mho/m; $\epsilon_r = 51.102$; $\rho = 1000$ kg/m³
- Electronics: DAE3 Sn359; Probe: EX3DV4 - SN3563; ConvF(7.14, 7.14, 7.14); Calibrated: 21/06/2012
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Configuration/Channel 810 Test/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.66 W/kg

Configuration/Channel 810 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

- dx=5mm, dy=5mm, dz=5mm
- Reference Value = 31.087 V/m; Power Drift = 0.05 dB
- Peak SAR (extrapolated) = 2.923 mW/g
- SAR(1 g) = 1.54 mW/g; SAR(10 g) = 0.813 mW/g
- Maximum value of SAR (measured) = 1.71 W/kg



0 dB = 1.66 W/kg = 4.40 dB W/kg

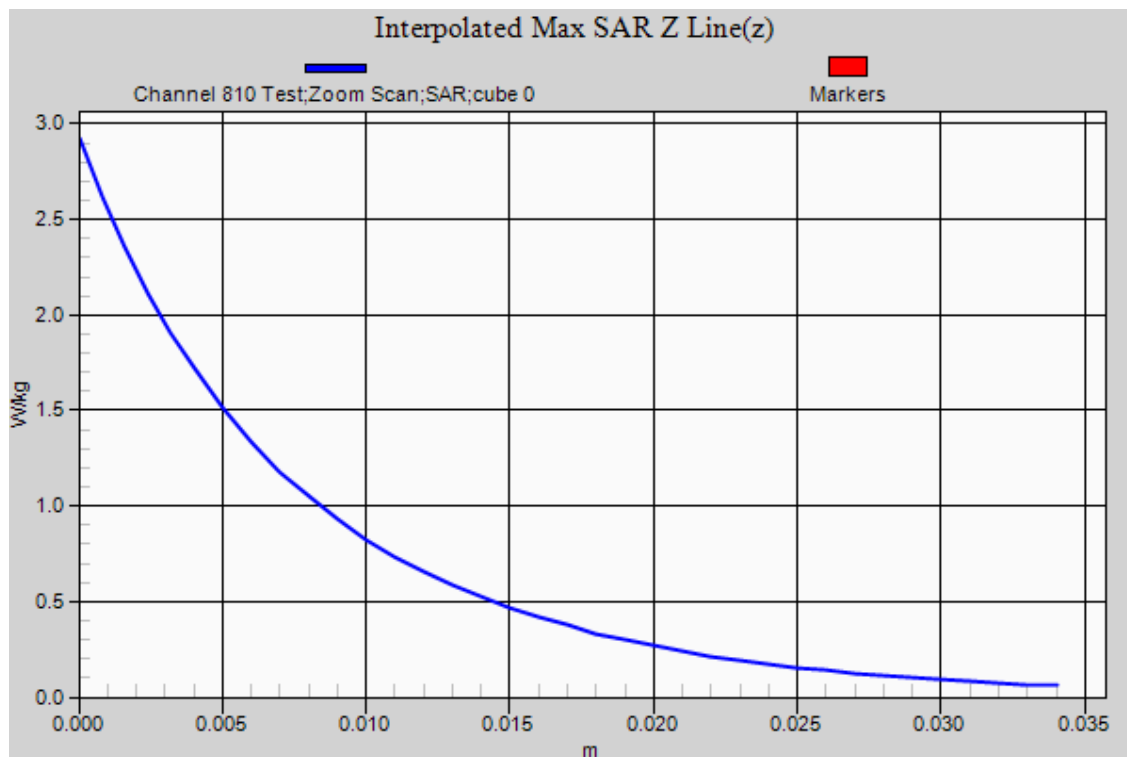
SAR MEASUREMENT PLOT 15

Ambient Temperature	21.4 Degrees Celsius
Liquid Temperature	21.0 Degrees Celsius
Humidity	51.0 %



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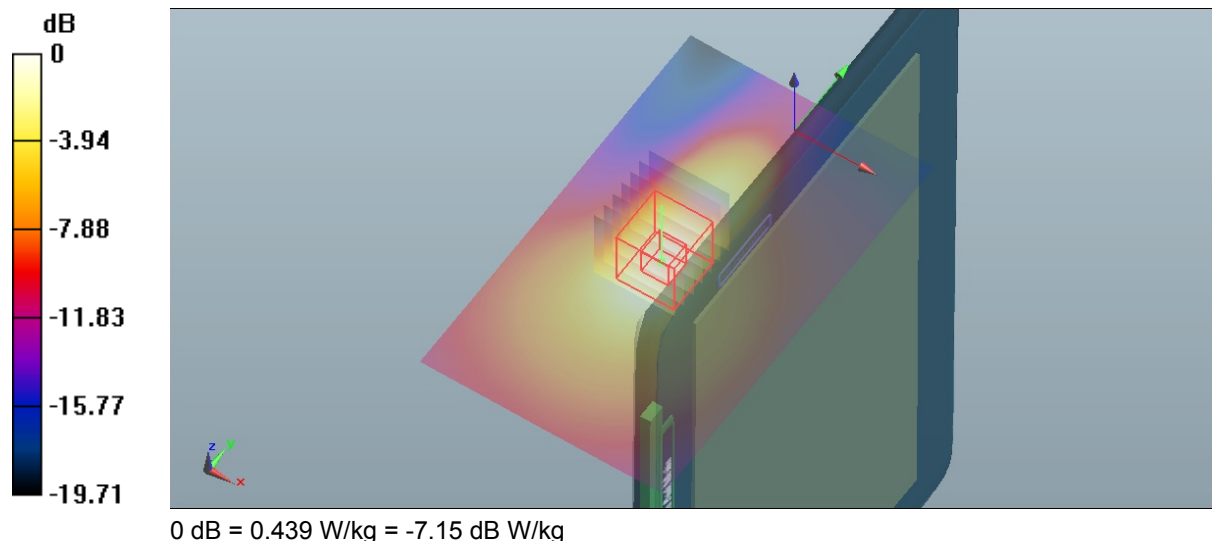
Test Date: 4 December 2012

File Name: M121125 Primary Portrait NO-DPC -0dB (0) 1850 MHz GPRS Class 10 04-12-12.da52:0
 DUT: Fujitsu Tablet Quaver with Gobi 3000; Type: MC8355; Serial: IMEI: 357485040145726

- * Communication System: GPRS Class 10; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15911
- * Medium parameters used: $f = 1851.2$ MHz; $\sigma = 1.564$ mho/m; $\epsilon_r = 51.355$; $\rho = 1000$ kg/m³
- Electronics: DAE3 Sn359; Probe: EX3DV4 - SN3563; ConvF(7.14, 7.14, 7.14); Calibrated: 21/06/2012
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Configuration/Channel 512 Test/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.439 W/kg

Configuration/Channel 512 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 14.065 V/m; Power Drift = 0.07 dB
 Peak SAR (extrapolated) = 0.704 mW/g
 SAR(1 g) = 0.359 mW/g; SAR(10 g) = 0.193 mW/g
 Maximum value of SAR (measured) = 0.400 W/kg



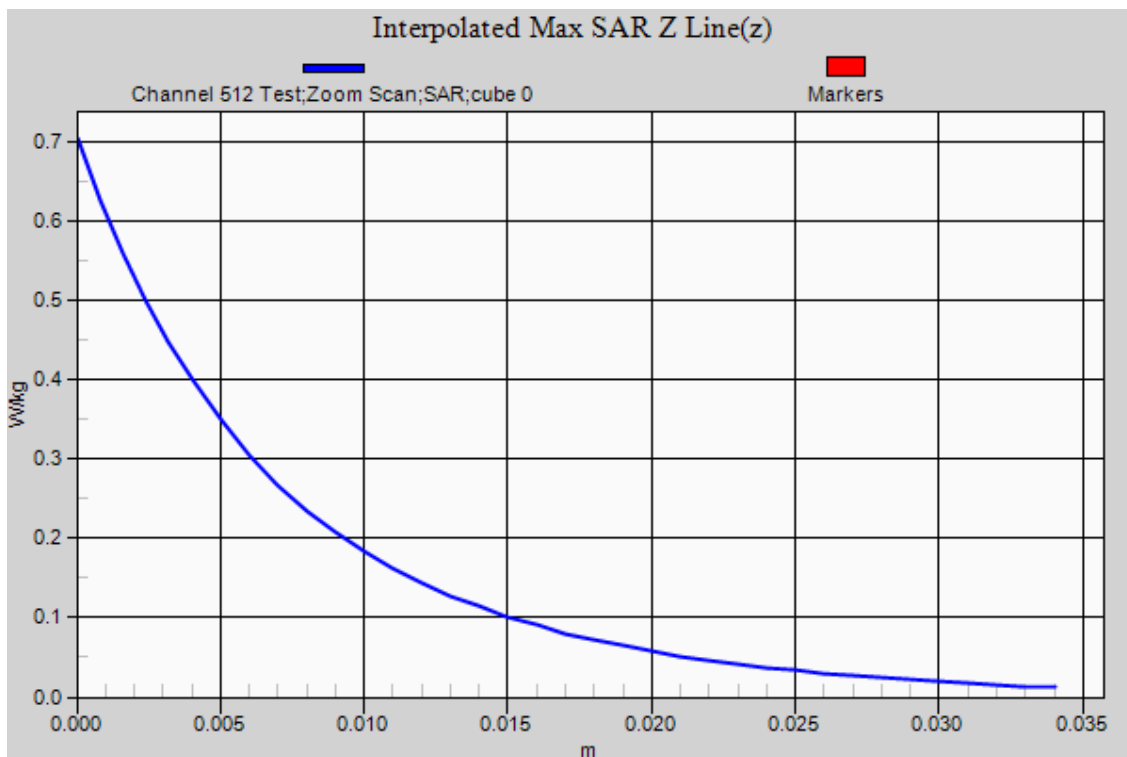
SAR MEASUREMENT PLOT 16

Ambient Temperature	21.4 Degrees Celsius
Liquid Temperature	21.0 Degrees Celsius
Humidity	51.0 %



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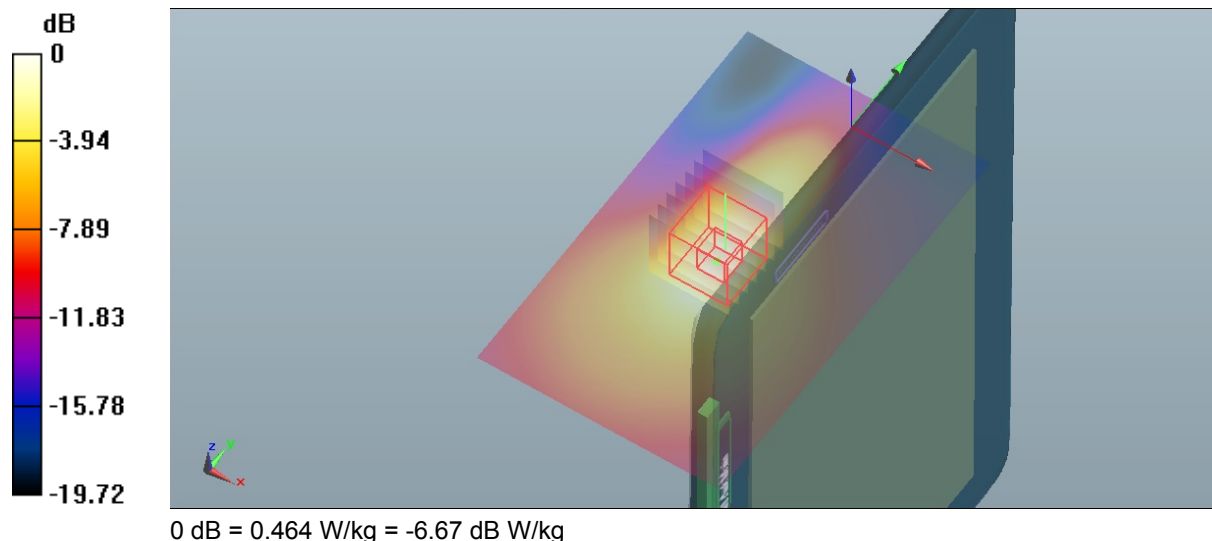
Test Date: 4 December 2012

File Name: M121125 Primary Portrait NO-DPC -0dB (0) 1850 MHz GPRS Class 10 04-12-12.da52:0
 DUT: Fujitsu Tablet Quaver with Gobi 3000; Type: MC8355; Serial: IMEI: 357485040145726

- * Communication System: GPRS Class 10; Frequency: 1880 MHz; Duty Cycle: 1:4.15911
- * Medium parameters used: $f = 1879.2$ MHz; $\sigma = 1.574$ mho/m; $\epsilon_r = 51.262$; $\rho = 1000$ kg/m³
- Electronics: DAE3 Sn359; Probe: EX3DV4 - SN3563; ConvF(7.14, 7.14, 7.14); Calibrated: 21/06/2012
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Configuration/Channel 661 Test/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.464 W/kg

Configuration/Channel 661 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 15.302 V/m; Power Drift = -0.01 dB
 Peak SAR (extrapolated) = 0.852 mW/g
 SAR(1 g) = 0.421 mW/g; SAR(10 g) = 0.221 mW/g
 Maximum value of SAR (measured) = 0.471 W/kg



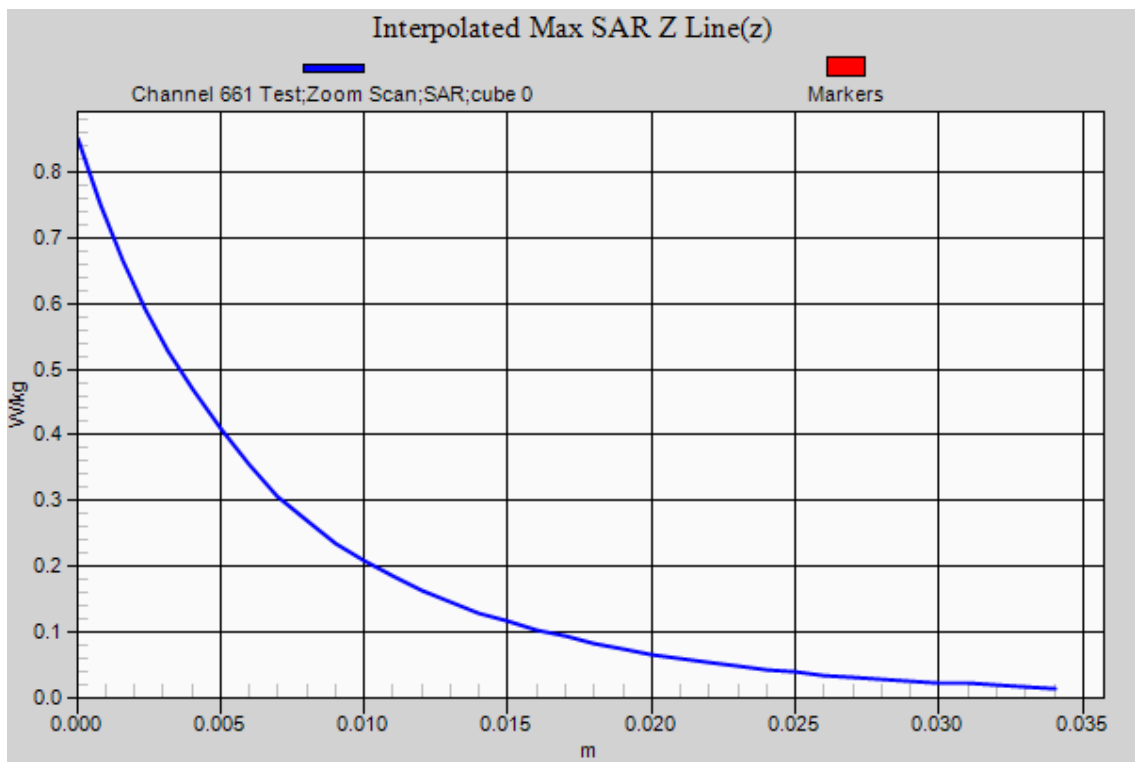
SAR MEASUREMENT PLOT 17

Ambient Temperature	21.4 Degrees Celsius
Liquid Temperature	21.0 Degrees Celsius
Humidity	51.0 %



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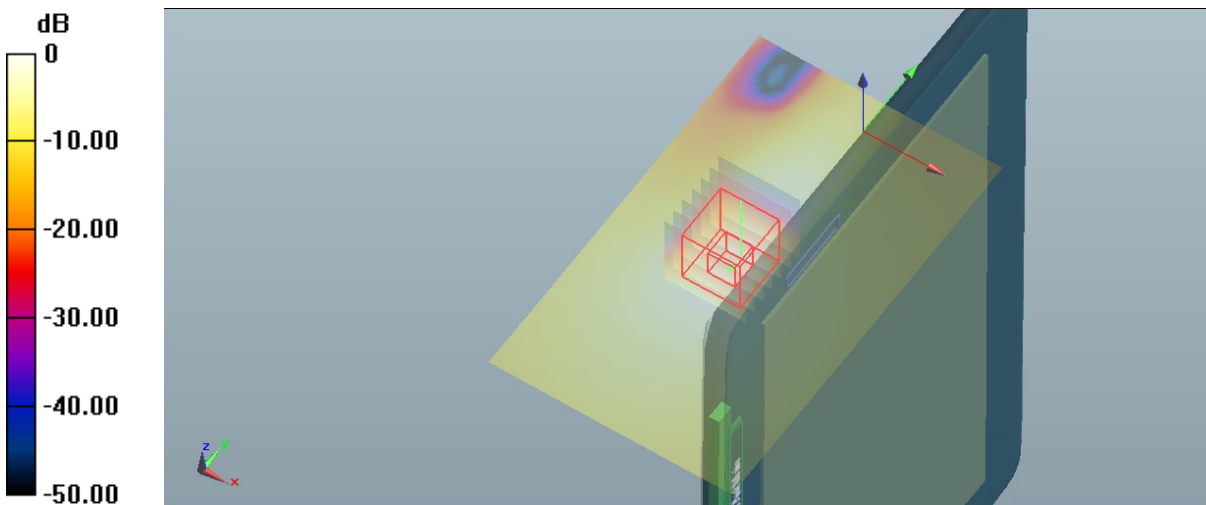
Test Date: 4 December 2012

File Name: M121125 Primary Portrait NO-DPC -0dB (0) 1850 MHz GPRS Class 10 04-12-12.da52:0
 DUT: Fujitsu Tablet Quaver with Gobi 3000; Type: MC8355; Serial: IMEI: 357485040145726

- * Communication System: GPRS Class 10; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15911
- * Medium parameters used: $f = 1910$ MHz; $\sigma = 1.586$ mho/m; $\epsilon_r = 51.102$; $\rho = 1000$ kg/m³
- Electronics: DAE3 Sn359; Probe: EX3DV4 - SN3563; ConvF(7.14, 7.14, 7.14); Calibrated: 21/06/2012
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Configuration/Channel 810 Test/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.467 W/kg

Configuration/Channel 810 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 15.220 V/m; Power Drift = 0.09 dB
 Peak SAR (extrapolated) = 0.860 mW/g
 SAR(1 g) = 0.431 mW/g; SAR(10 g) = 0.225 mW/g
 Maximum value of SAR (measured) = 0.480 W/kg



0 dB = 0.467 W/kg = -6.61 dB W/kg

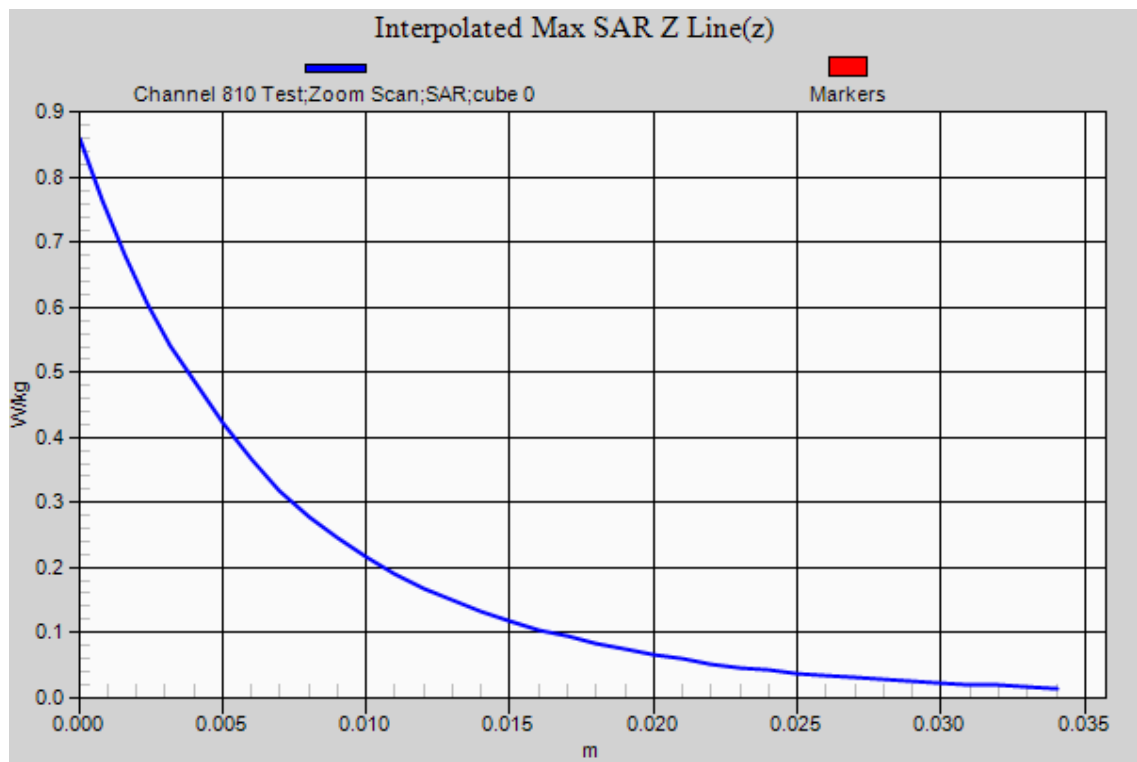
SAR MEASUREMENT PLOT 18

Ambient Temperature	21.4 Degrees Celsius
Liquid Temperature	21.0 Degrees Celsius
Humidity	51.0 %



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Test Date: 7 December 2012

File Name: M121125 Lap Held DPC -5dB (8) 850 MHz UMTS 07-12-12.da52:0

DUT: Fujitsu Tablet Quaver with Gobi 3000; Type: MC8355; Serial: IMEI: 357485040145726

- * Communication System: WCDMA - UMTS; Frequency: 826.4 MHz; Duty Cycle: 1:1
- * Medium parameters used: $f = 826 \text{ MHz}$; $\sigma = 0.961 \text{ mho/m}$; $\epsilon_r = 53.214$; $\rho = 1000 \text{ kg/m}^3$
- Electronics: DAE3 Sn359; Probe: EX3DV4 - SN3563; ConvF(8.61, 8.61, 8.61); Calibrated: 21/06/2012
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Configuration/Channel 4132 Test/Area Scan (61x111x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.358 W/kg

Configuration/Channel 4132 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

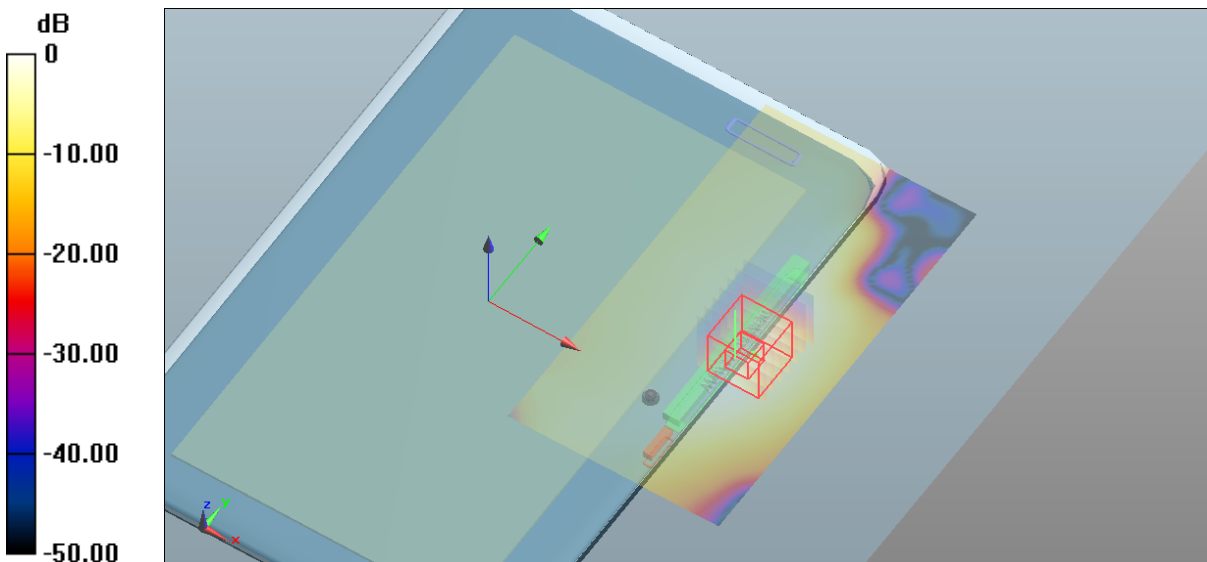
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.625 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.654 mW/g

SAR(1 g) = 0.373 mW/g; SAR(10 g) = 0.208 mW/g (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.385 W/kg



0 dB = 0.358 W/kg = -8.92 dB W/kg

SAR MEASUREMENT PLOT 19

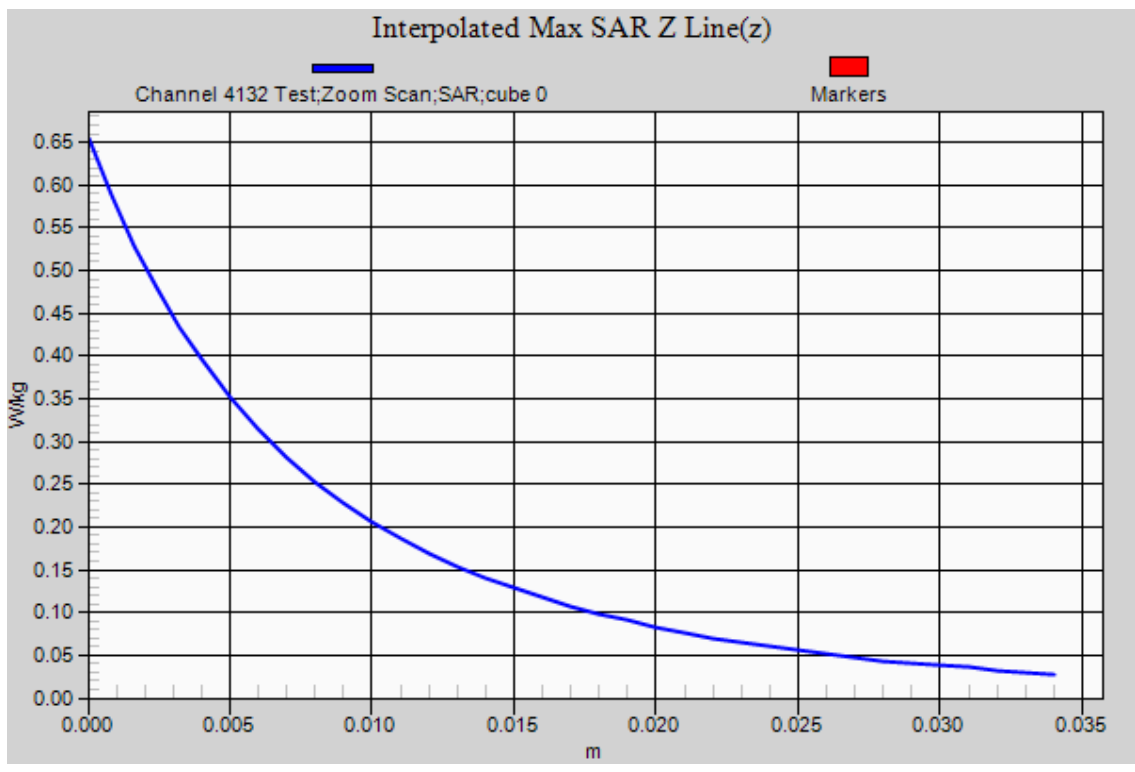
Ambient Temperature
Liquid Temperature
Humidity

21.4 Degrees Celsius
21.1 Degrees Celsius
45.0 %



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Test Date: 7 December 2012

File Name: M121125 Lap Held DPC -5dB (8) 850 MHz UMTS 07-12-12.da52:0

DUT: Fujitsu Tablet Quaver with Gobi 3000; Type: MC8355; Serial: IMEI: 357485040145726

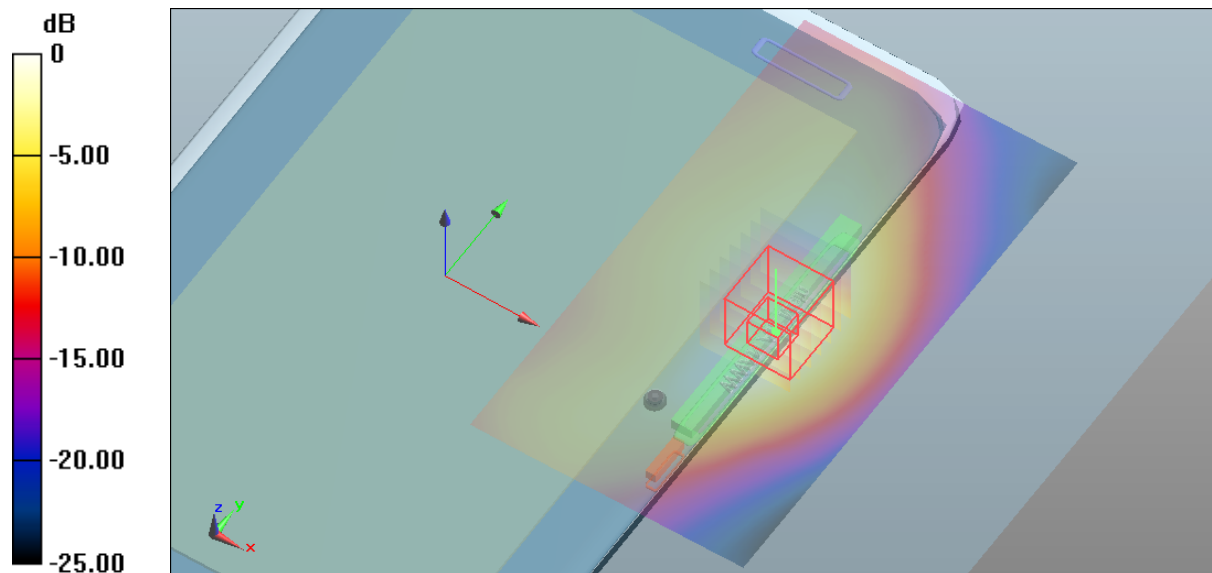
- * Communication System: WCDMA - UMTS; Frequency: 836.6 MHz; Duty Cycle: 1:1
- * Medium parameters used: $f = 836 \text{ MHz}$; $\sigma = 0.973 \text{ mho/m}$; $\epsilon_r = 53.163$; $\rho = 1000 \text{ kg/m}^3$
- Electronics: DAE3 Sn359; Probe: EX3DV4 - SN3563; ConvF(8.61, 8.61, 8.61); Calibrated: 21/06/2012
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Configuration/Channel 4183 Test/Area Scan (61x111x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.426 W/kg

Configuration/Channel 4183 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

- $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
- Reference Value = 19.759 V/m; Power Drift = -0.07 dB
- Peak SAR (extrapolated) = 0.811 mW/g
- SAR(1 g) = 0.436 mW/g; SAR(10 g) = 0.243 mW/g
- Maximum value of SAR (measured) = 0.481 W/kg



0 dB = 0.426 W/kg = -7.41 dB W/kg

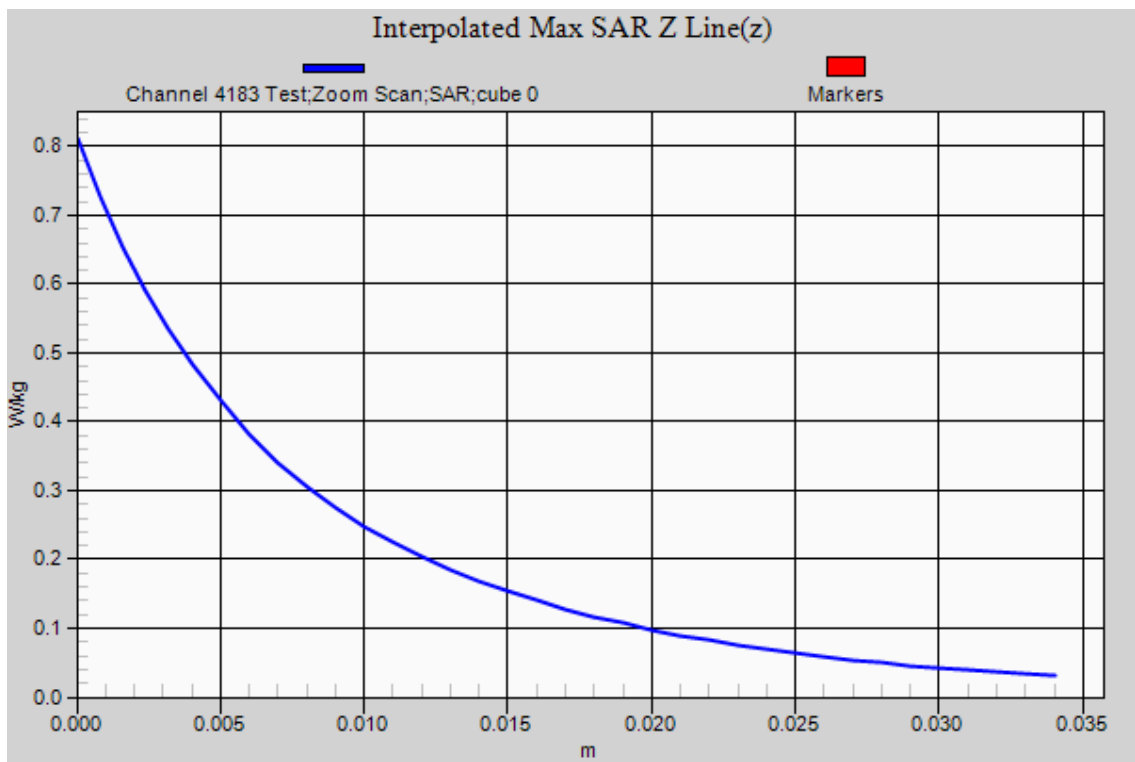
SAR MEASUREMENT PLOT 20

Ambient Temperature	21.4 Degrees Celsius
Liquid Temperature	21.1 Degrees Celsius
Humidity	45.0 %



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Test Date: 7 December 2012

File Name: M121125 Lap Held DPC -5dB (8) 850 MHz UMTS 07-12-12.da52:0

DUT: Fujitsu Tablet Quaver with Gobi 3000; Type: MC8355; Serial: IMEI: 357485040145726

- * Communication System: WCDMA - UMTS; Frequency: 846.6 MHz; Duty Cycle: 1:1
- * Medium parameters used: $f = 846 \text{ MHz}$; $\sigma = 0.985 \text{ mho/m}$; $\epsilon_r = 53.047$; $\rho = 1000 \text{ kg/m}^3$
- Electronics: DAE3 Sn359; Probe: EX3DV4 - SN3563; ConvF(8.61, 8.61, 8.61); Calibrated: 21/06/2012
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Configuration/Channel 4233 Test/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.472 W/kg

Configuration/Channel 4233 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

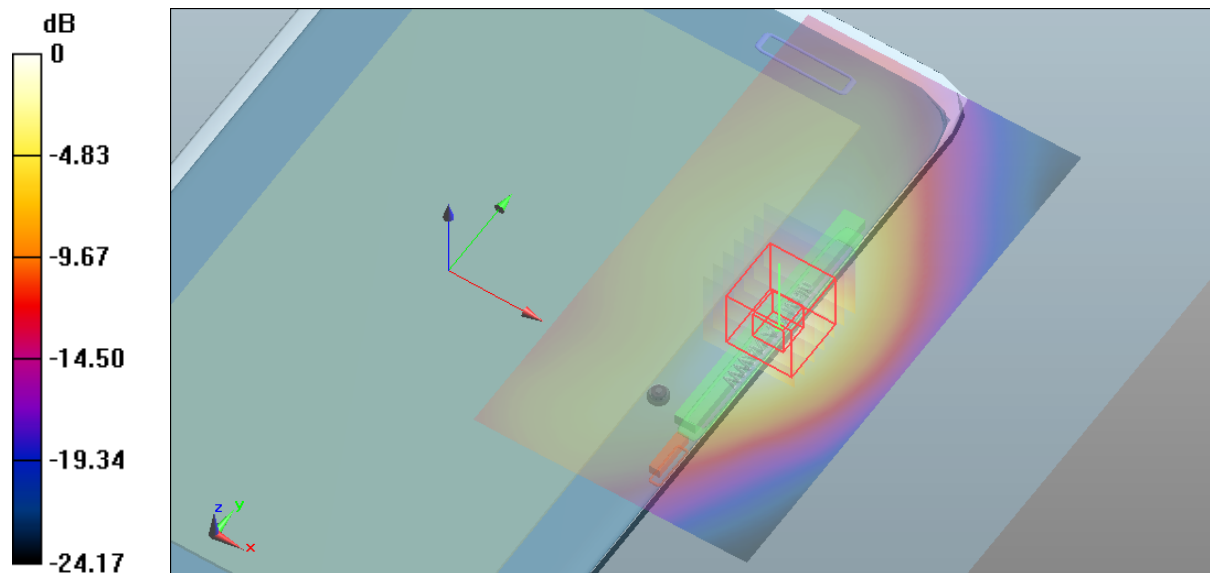
dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.750 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.879 mW/g

SAR(1 g) = 0.482 mW/g; SAR(10 g) = 0.268 mW/g

Maximum value of SAR (measured) = 0.524 W/kg



0 dB = 0.472 W/kg = -6.52 dB W/kg

SAR MEASUREMENT PLOT 21

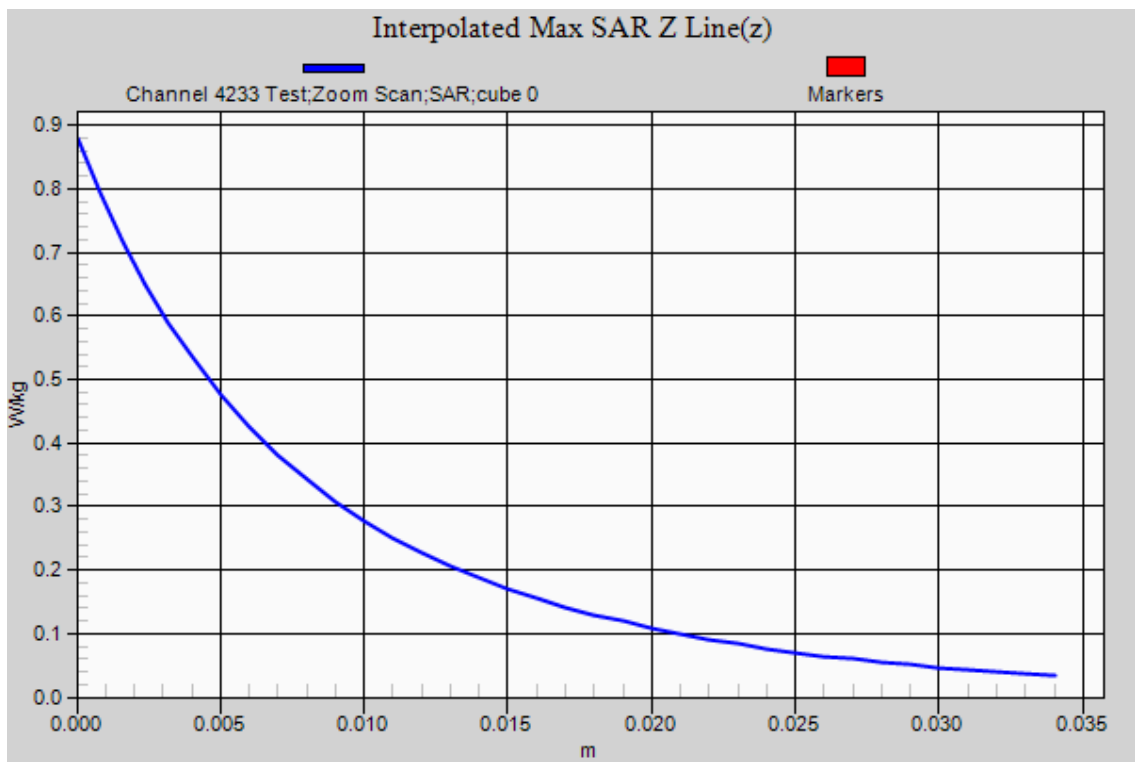
Ambient Temperature
Liquid Temperature
Humidity

21.4 Degrees Celsius
21.1 Degrees Celsius
45.0 %



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Test Date: 7 December 2012

File Name: M121125 Lap Held 5mm Spacing NO-DPC -0dB (0) 850 MHz UMTS 07-12-12.da52:0

DUT: Fujitsu Tablet Quaver with Gobi 3000; Type: MC8355; Serial: IMEI: 357485040145726

- * Communication System: WCDMA - UMTS; Frequency: 826.4 MHz; Duty Cycle: 1:1
- * Medium parameters used: $f = 826 \text{ MHz}$; $\sigma = 0.961 \text{ mho/m}$; $\epsilon_r = 53.214$; $\rho = 1000 \text{ kg/m}^3$
- Electronics: DAE3 Sn359; Probe: EX3DV4 - SN3563; ConvF(8.61, 8.61, 8.61); Calibrated: 21/06/2012
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Configuration/Channel 4132 Test/Area Scan (61x111x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.562 W/kg

Configuration/Channel 4132 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

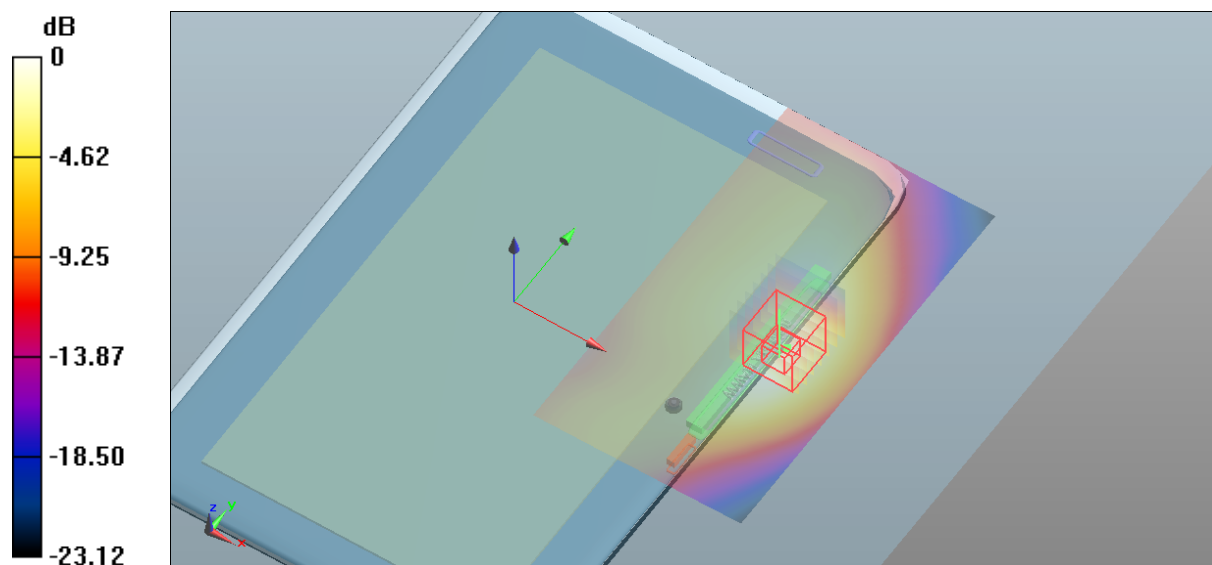
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.627 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.864 mW/g

SAR(1 g) = 0.543 mW/g; SAR(10 g) = 0.322 mW/g (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.563 W/kg



0 dB = 0.562 W/kg = -5.01 dB W/kg

SAR MEASUREMENT PLOT 22

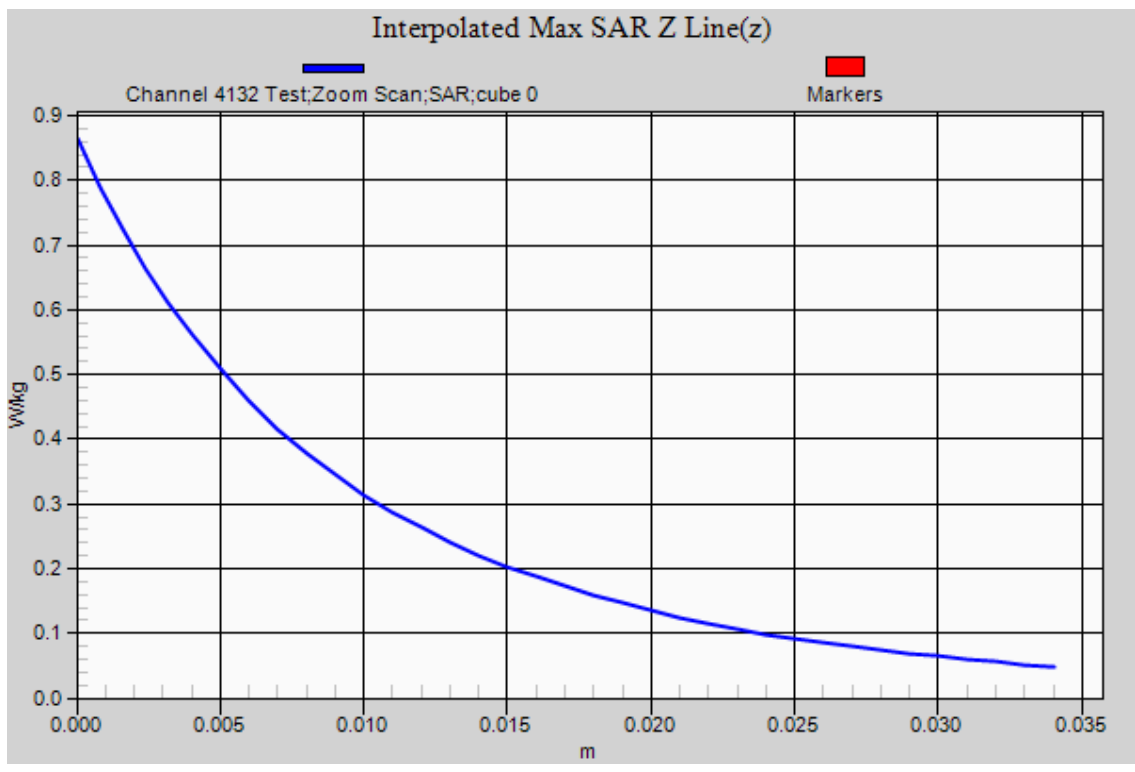
Ambient Temperature
Liquid Temperature
Humidity

21.4 Degrees Celsius
21.1 Degrees Celsius
45.0 %



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