Prepared (also subject responsible if other)	No.	
SEM/CV/PF/P Gerard Hayes and Rodney Dixon	REP 2007 003 Z750i 02	
Approved / Checked		
SEM/CV/PF/P Gerard Hayes	D	

Appendix 3

SAR distribution plots for Body Worn Configuration

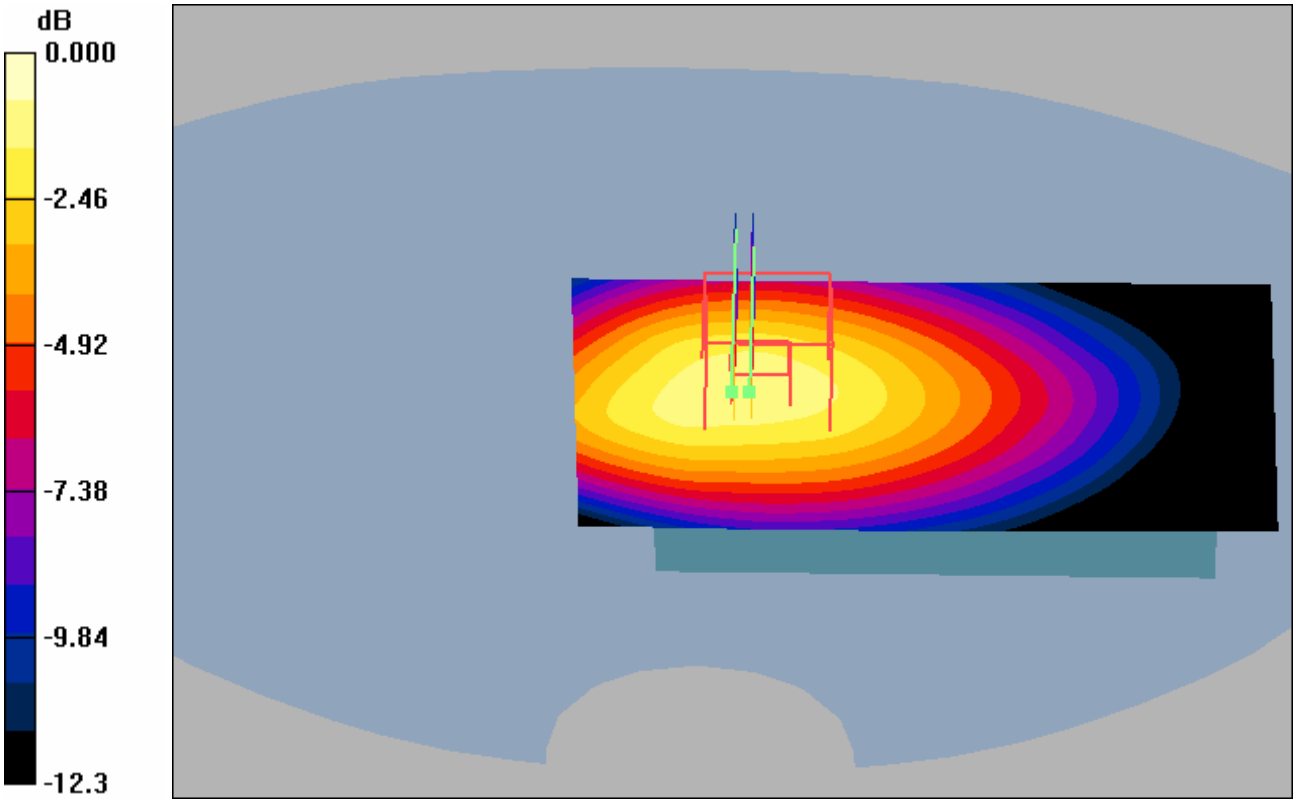
Prepared (also subject responsible if other)	No.	
SEM/CV/PF/P Gerard Hayes and Rodney Dixon	REP 2007 003 Z750i 02	
Approved / Checked		
SEM/CV/PF/P Gerard Hayes	D	

Distribution of maximum SAR in 800 GSM band. Measured with back of device facing the body using a 15mm spacer. (Standard Battery, BST-33)

Date/Time: 8/3/2007 10:33:49 AM
File Name: 03Aug07_Z750_GSM835_9CLJ_15mm_BB01.da4
DUT: Z750 body
Phantom: SAM with CRP (Low Band Body)Phantom section: Flat Section
Probe: ET3DV6 - SN1587ConvF(6.55, 6.55, 6.55)
Medium parameters used (interpolated): f = 849 MHz; σ = 1.03 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Measurement Standard: DASY4 (High Precision Assessment)
Program Notes: Battery - BST33 Humidity - 43 % Ambient Temp - 21.6 C Simulant Temp - 21.3 C
DASY4 Configuration:
- Probe: ET3DV6 - SN1587; ConvF(6.55, 6.55, 6.55); Calibrated: 5/23/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn392; Calibrated: 5/29/2007
- Phantom: SAM with CRP (Low Band Body); Type: SAM; Serial: TP: 1031
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Unnamed procedure 3/Area Scan (51x81x1):
Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.01 mW/g
Unnamed procedure 3/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 30.7 V/m; Power Drift = -0.046 dB
Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.933 mW/g; SAR(10 g) = 0.656 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.994 mW/g
Unnamed procedure 3/Zoom Scan (31x31x36)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 30.7 V/m; Power Drift = -0.046 dB
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.29 mW/g

Prepared (also subject responsible if other)	No.	
SEM/CV/PF/P Gerard Hayes and Rodney Dixon	REP 2007 003 Z750i 02	
Approved / Checked		
SEM/CV/PF/P Gerard Hayes	D	



0 dB = 1.29mW/g

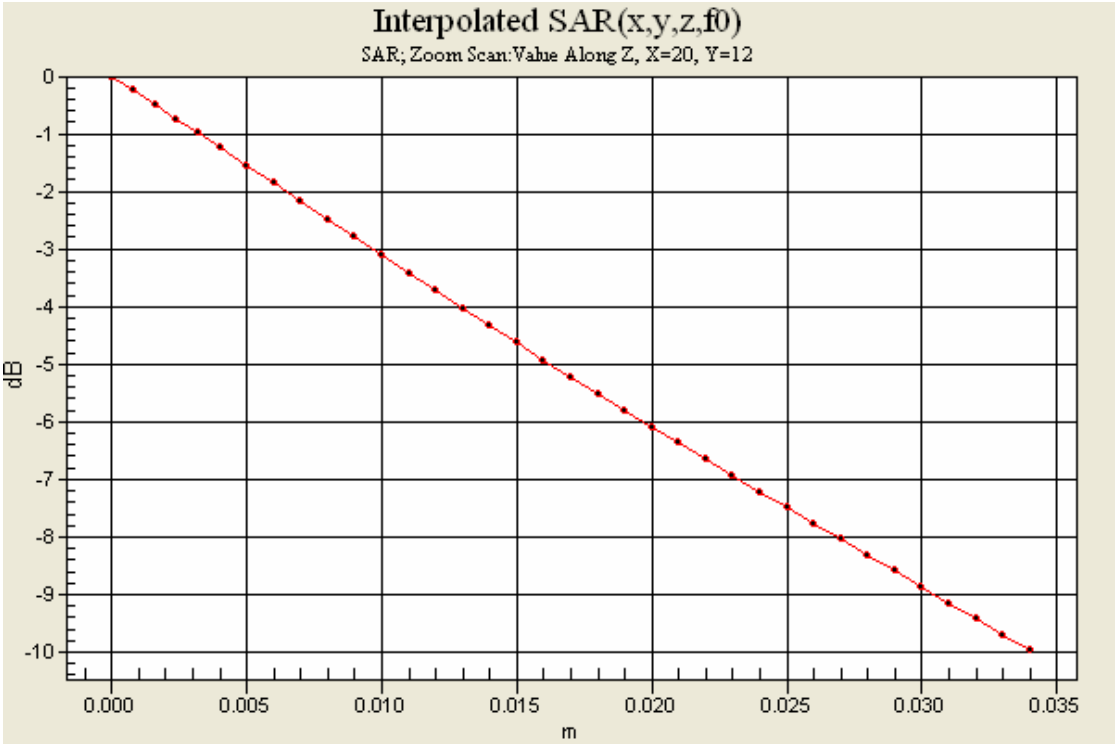


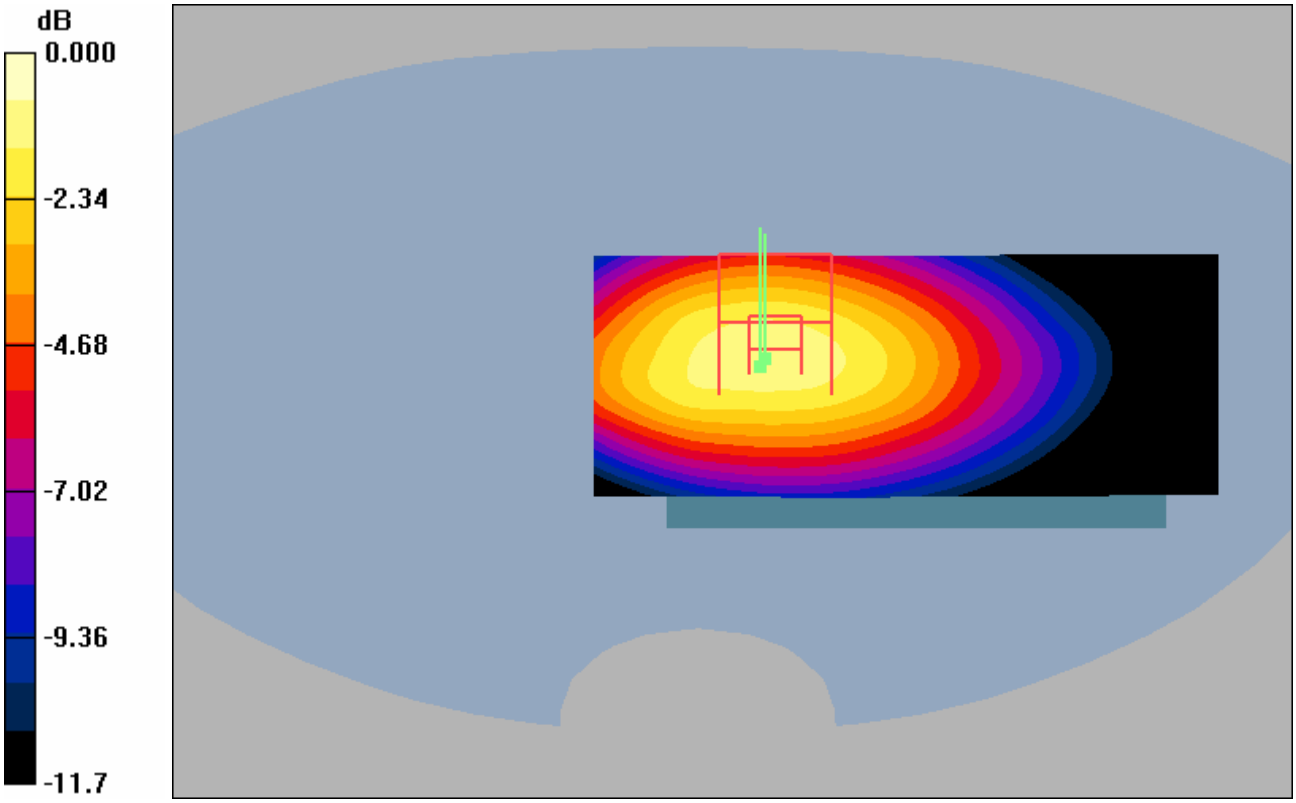
Exhibit 11

Distribution of maximum SAR in 800 GSM band. Measured with back of device facing the body using an ICE26 carry case. (Standard Battery, BST-33)

Date/Time: 8/3/2007 9:48:58 AM
File Name: 03Aug07_Z750_GSM835_9CLJ_ICE26_BB01.da4
DUT: Z750 body
Phantom: SAM with CRP (Low Band Body)Phantom section: Flat Section
Probe: ET3DV6 - SN1587ConvF(6.55, 6.55, 6.55)
Medium parameters used (interpolated): f = 836 MHz; σ = 1.02 mho/m; ε_r = 53.6; ρ = 1000 kg/m^3
Measurement Standard: DASY4 (High Precision Assessment)
Program Notes: Battery - BST33 Humidity - 43 % Ambient Temp - 21.6 C Simulant Temp - 21.3 C
DASY4 Configuration:
- Probe: ET3DV6 - SN1587; ConvF(6.55, 6.55, 6.55); Calibrated: 5/23/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn392; Calibrated: 5/29/2007
- Phantom: SAM with CRP (Low Band Body); Type: SAM; Serial: TP: 1031
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Unnamed procedure 2/Area Scan (51x81x1):
Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.943 mW/g
Unnamed procedure 2/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 29.8 V/m; Power Drift = -0.039 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.899 mW/g; SAR(10 g) = 0.635 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.954 mW/g
Unnamed procedure 2/Zoom Scan (31x31x36)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 29.8 V/m; Power Drift = -0.039 dB
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.21 mW/g

Prepared (also subject responsible if other)	No.	
SEM/CV/PF/P Gerard Hayes and Rodney Dixon	REP 2007 003 Z750i 02	
Approved / Checked		
SEM/CV/PF/P Gerard Hayes	D	



0 dB = 1.21mW/g

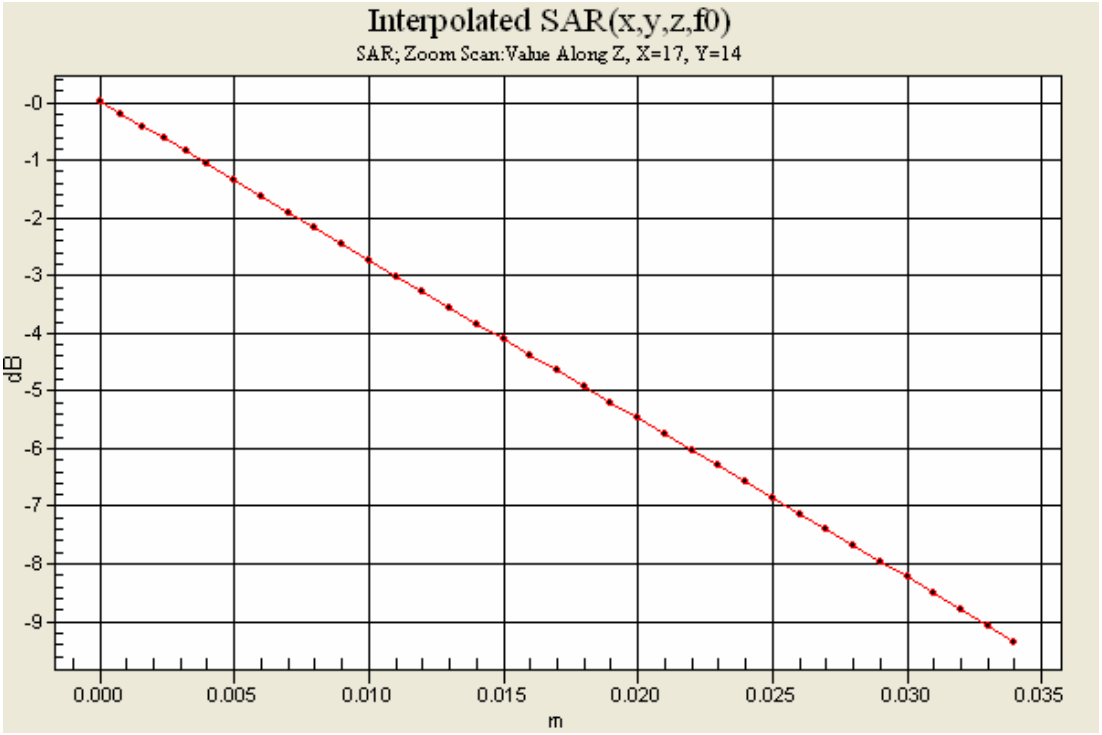


Exhibit 11

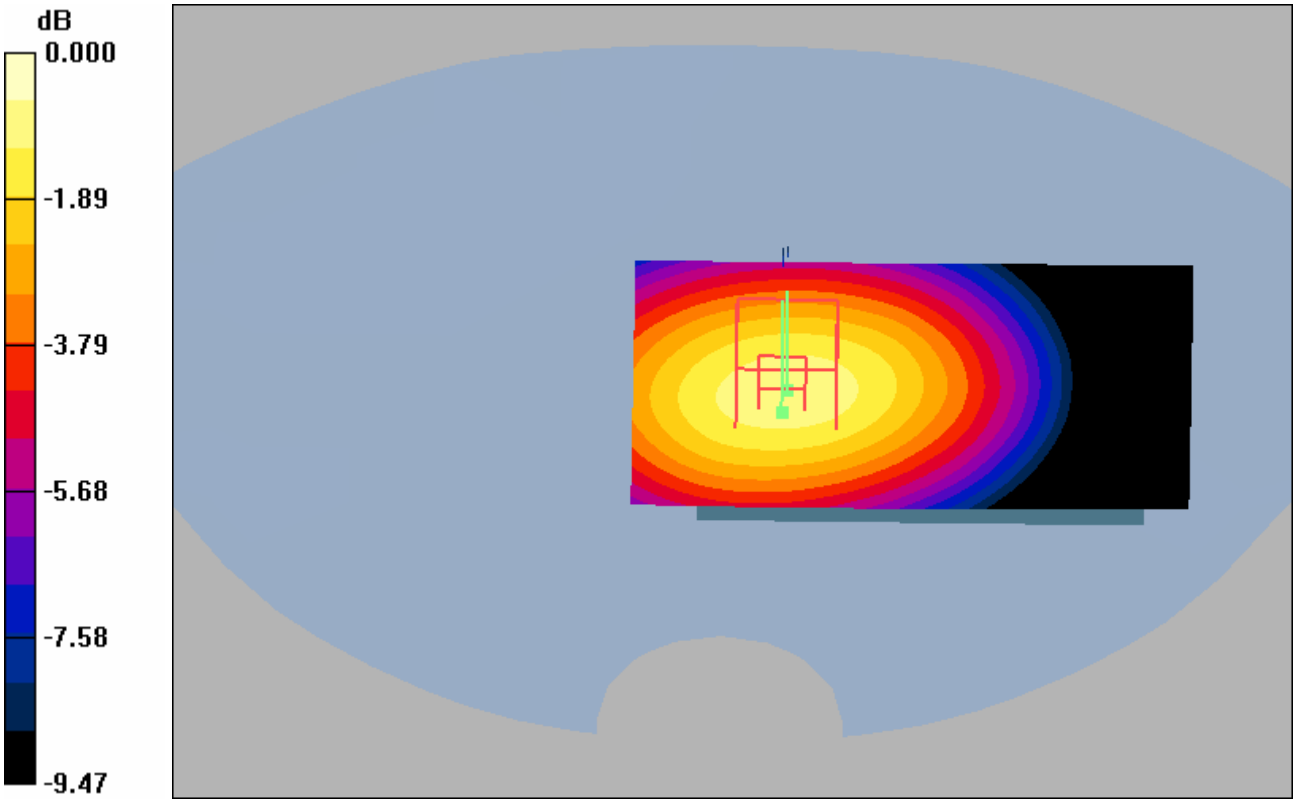
Prepared (also subject responsible if other)	No.	
SEM/CV/PF/P Gerard Hayes and Rodney Dixon	REP 2007 003 Z750i 02	
Approved / Checked		
SEM/CV/PF/P Gerard Hayes	D	

Distribution of maximum SAR in 800 GSM band. Measured with front of device facing the body using a 15mm spacer. (Standard Battery, BST-33)

Date/Time: 8/3/2007 12:34:45 PM
File Name: 03Aug07_Z750_GSM835_9CLJ_15mm_BF01.da4
DUT: Z750 body
Phantom: SAM with CRP (Low Band Body)Phantom section: Flat Section
Probe: ET3DV6 - SN1587ConvF(6.55, 6.55, 6.55)
Medium parameters used (interpolated): f = 836 MHz; σ = 1.02 mho/m; ε_r = 53.6; ρ = 1000 kg/m^3
Measurement Standard: DASY4 (High Precision Assessment)
Program Notes: Battery - BST33 Humidity - 43.5 % Ambient Temp - 21.8 C Simulant Temp - 21.3 C
DASY4 Configuration:
- Probe: ET3DV6 - SN1587; ConvF(6.55, 6.55, 6.55); Calibrated: 5/23/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn392; Calibrated: 5/29/2007
- Phantom: SAM with CRP (Low Band Body); Type: SAM; Serial: TP: 1031
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Unnamed procedure 2/Area Scan (51x81x1):
Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.392 mW/g
Unnamed procedure 2/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.3 V/m; Power Drift = -0.092 dB
Peak SAR (extrapolated) = 0.474 W/kg
SAR(1 g) = 0.365 mW/g; SAR(10 g) = 0.266 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.386 mW/g
Unnamed procedure 2/Zoom Scan (31x31x36)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.3 V/m; Power Drift = -0.092 dB
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.474 mW/g

Prepared (also subject responsible if other)	No.	
SEM/CV/PF/P Gerard Hayes and Rodney Dixon	REP 2007 003 Z750i 02	
Approved / Checked		
SEM/CV/PF/P Gerard Hayes	D	



0 dB = 0.474mW/g

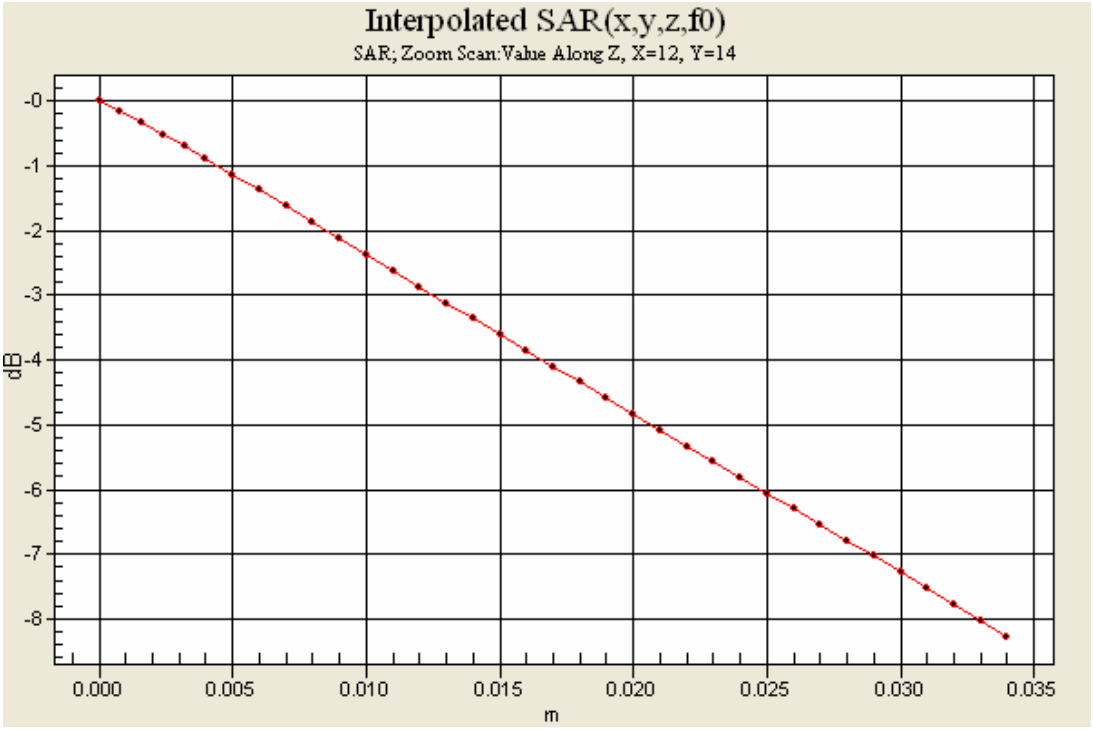


Exhibit 11

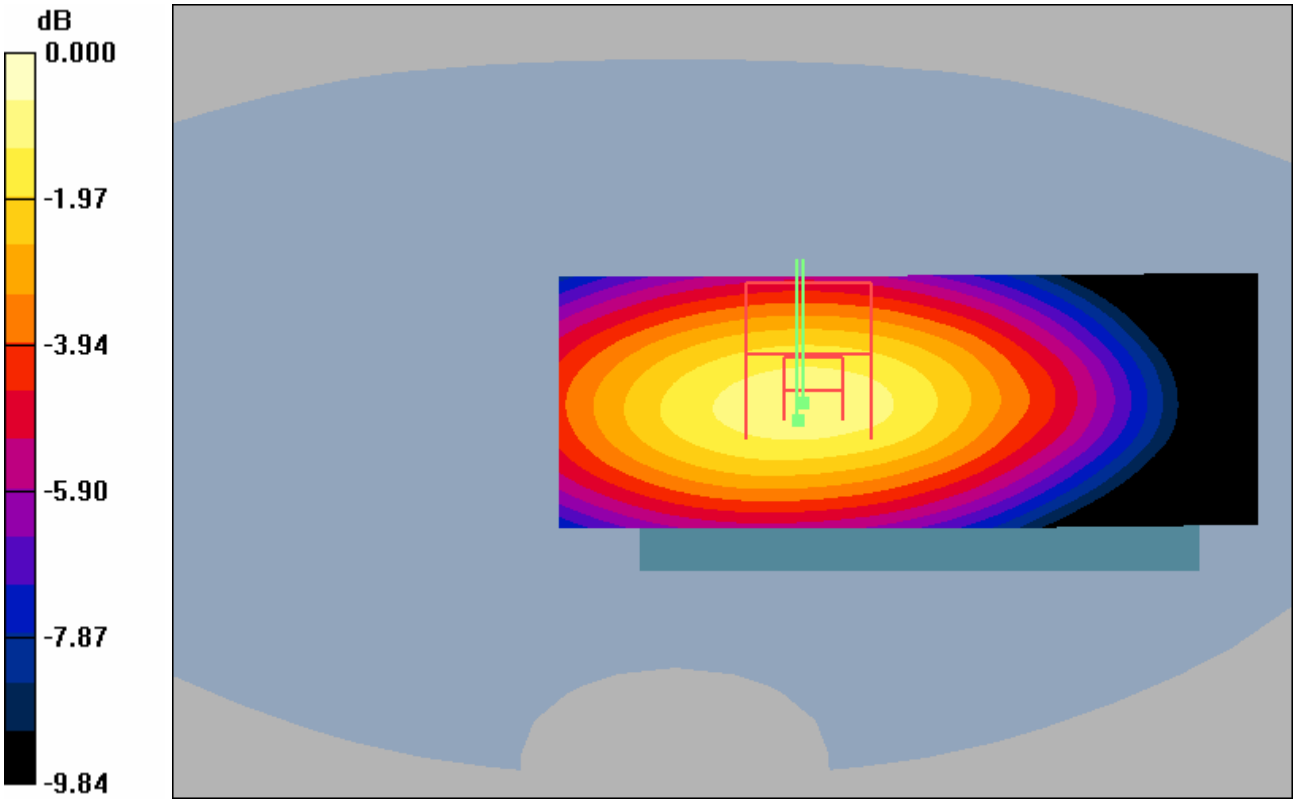
Prepared (also subject responsible if other)	No.	
SEM/CV/PF/P Gerard Hayes and Rodney Dixon	REP 2007 003 Z750i 02	
Approved / Checked		
SEM/CV/PF/P Gerard Hayes	D	

Distribution of maximum SAR in 800 GSM band. Measured with front of device facing the body using an ICE26 carry case. (Standard Battery, BST-33)

Date/Time: 8/3/2007 2:17:00 PM
File Name: 03Aug07_Z750_GSM835_9CLJ_ICE26_BF01.da4
DUT: Z750 body
Phantom: SAM with CRP (Low Band Body)Phantom section: Flat Section
Probe: ET3DV6 - SN1587ConvF(6.55, 6.55, 6.55)
Medium parameters used (interpolated): f = 849 MHz; σ = 1.03 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Measurement Standard: DASY4 (High Precision Assessment)
Program Notes: Battery - BST33 Humidity - 43.5 % Ambient Temp - 21.8 C Simulant Temp - 21.3 C
DASY4 Configuration:
- Probe: ET3DV6 - SN1587; ConvF(6.55, 6.55, 6.55); Calibrated: 5/23/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn392; Calibrated: 5/29/2007
- Phantom: SAM with CRP (Low Band Body); Type: SAM; Serial: TP: 1031
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Unnamed procedure 3/Area Scan (51x81x1):
Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.381 mW/g
Unnamed procedure 3/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.9 V/m; Power Drift = 0.053 dB
Peak SAR (extrapolated) = 0.464 W/kg
SAR(1 g) = 0.360 mW/g; SAR(10 g) = 0.262 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.380 mW/g
Unnamed procedure 3/Zoom Scan (31x31x36)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.9 V/m; Power Drift = 0.053 dB
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.464 mW/g

Prepared (also subject responsible if other)	No.	
SEM/CV/PF/P Gerard Hayes and Rodney Dixon	REP 2007 003 Z750i 02	
Approved / Checked		
SEM/CV/PF/P Gerard Hayes	D	



0 dB = 0.464mW/g

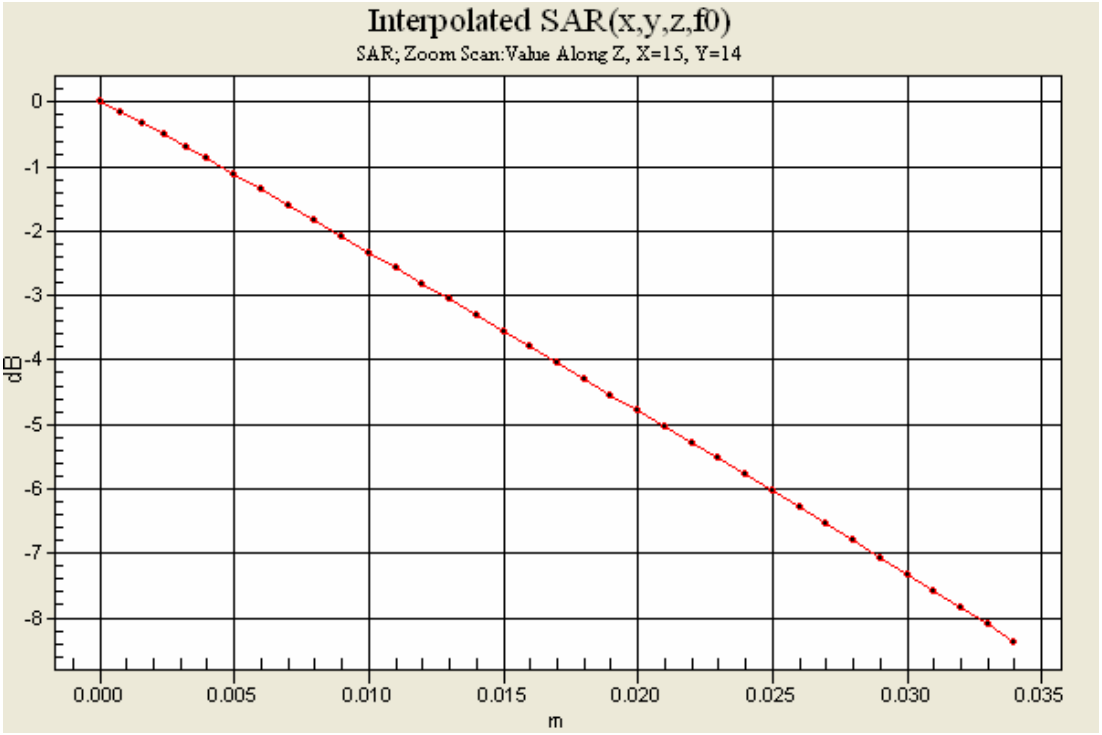


Exhibit 11

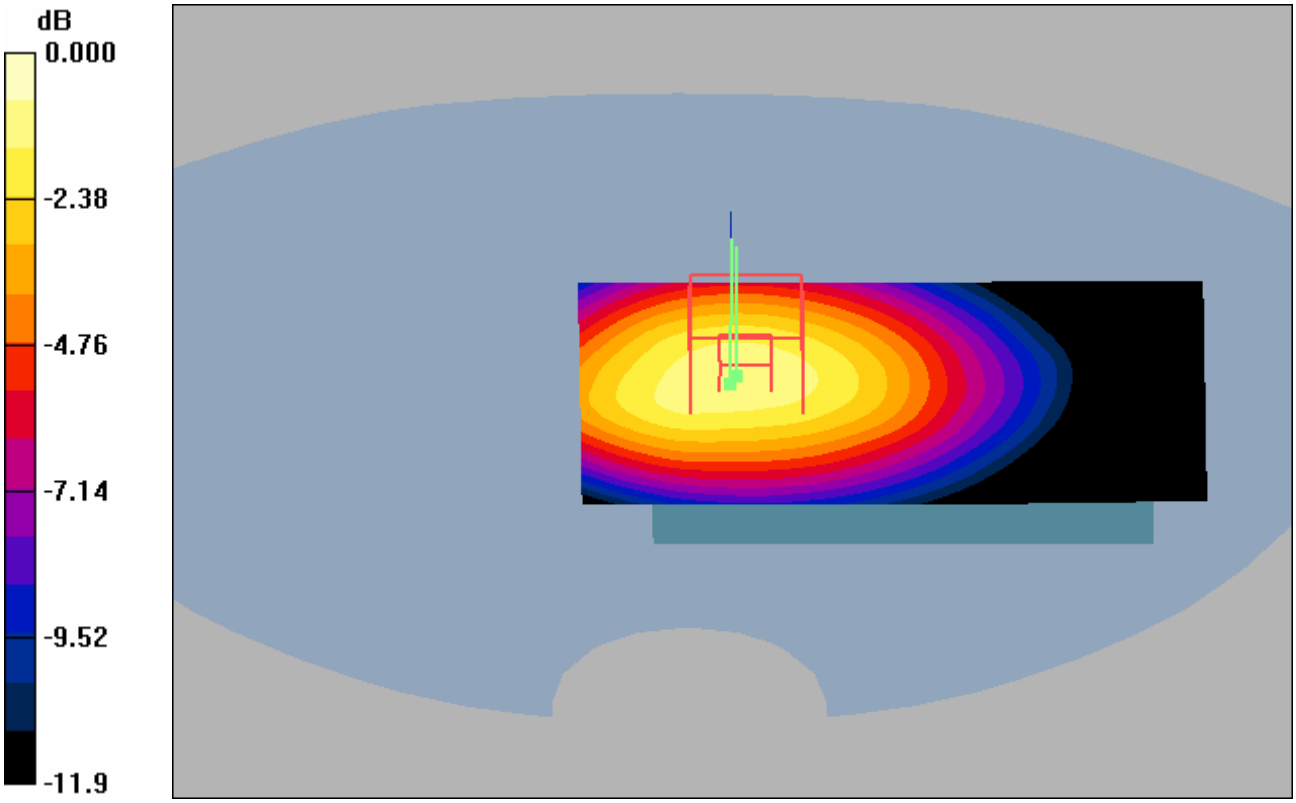
Prepared (also subject responsible if other)	No.	
SEM/CV/PF/P Gerard Hayes and Rodney Dixon	REP 2007 003 Z750i 02	
Approved / Checked		
SEM/CV/PF/P Gerard Hayes	D	

Distribution of maximum SAR in 800 GSM band. Measured with back of device facing the body using an ICE26 carry case with Blue Tooth. (Standard Battery BST-33)

Date/Time: 8/4/2007 7:13:48 AM
File Name: 03Aug07_Z750_GSM835_9CLJ_ICE26_BT_BB01.da4
DUT: Z750 body
Phantom: SAM with CRP (Low Band Body)Phantom section: Flat Section
Probe: ET3DV6 - SN1587ConvF(6.55, 6.55, 6.55)
Medium parameters used (interpolated): f = 836 MHz; σ = 1.02 mho/m; ε_r = 53.6; ρ = 1000 kg/m^3
Measurement Standard: DASY4 (High Precision Assessment)
Program Notes: Battery - BST33 Humidity - 42.3 % Ambient Temp - 22 C Simulant Temp - 21.5 C
DASY4 Configuration:
- Probe: ET3DV6 - SN1587; ConvF(6.55, 6.55, 6.55); Calibrated: 5/23/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn392; Calibrated: 5/29/2007
- Phantom: SAM with CRP (Low Band Body); Type: SAM; Serial: TP: 1031
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Unnamed procedure 2/Area Scan (51x81x1):
Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.981 mW/g
Unnamed procedure 2/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 31.0 V/m; Power Drift = -0.040 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.922 mW/g; SAR(10 g) = 0.653 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.981 mW/g
Unnamed procedure 2/Zoom Scan (31x31x36)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 31.0 V/m; Power Drift = -0.040 dB
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.25 mW/g

Prepared (also subject responsible if other)	No.	
SEM/CV/PF/P Gerard Hayes and Rodney Dixon	REP 2007 003 Z750i 02	
Approved / Checked		
SEM/CV/PF/P Gerard Hayes	D	



0 dB = 1.25mW/g

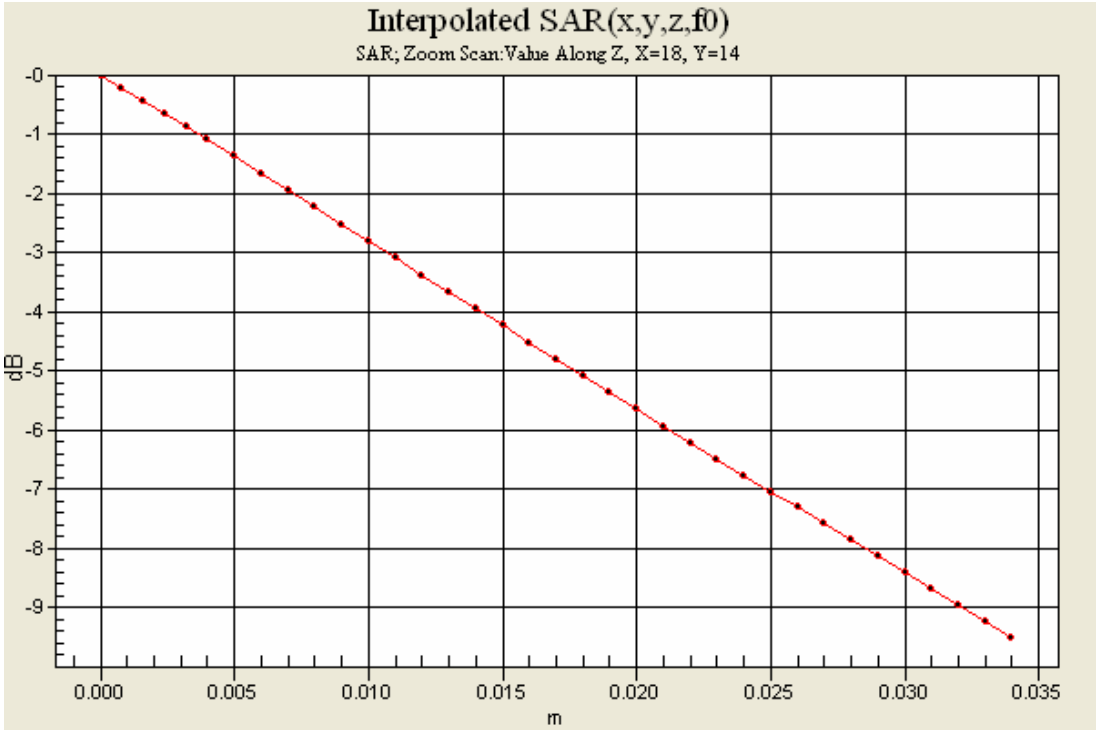


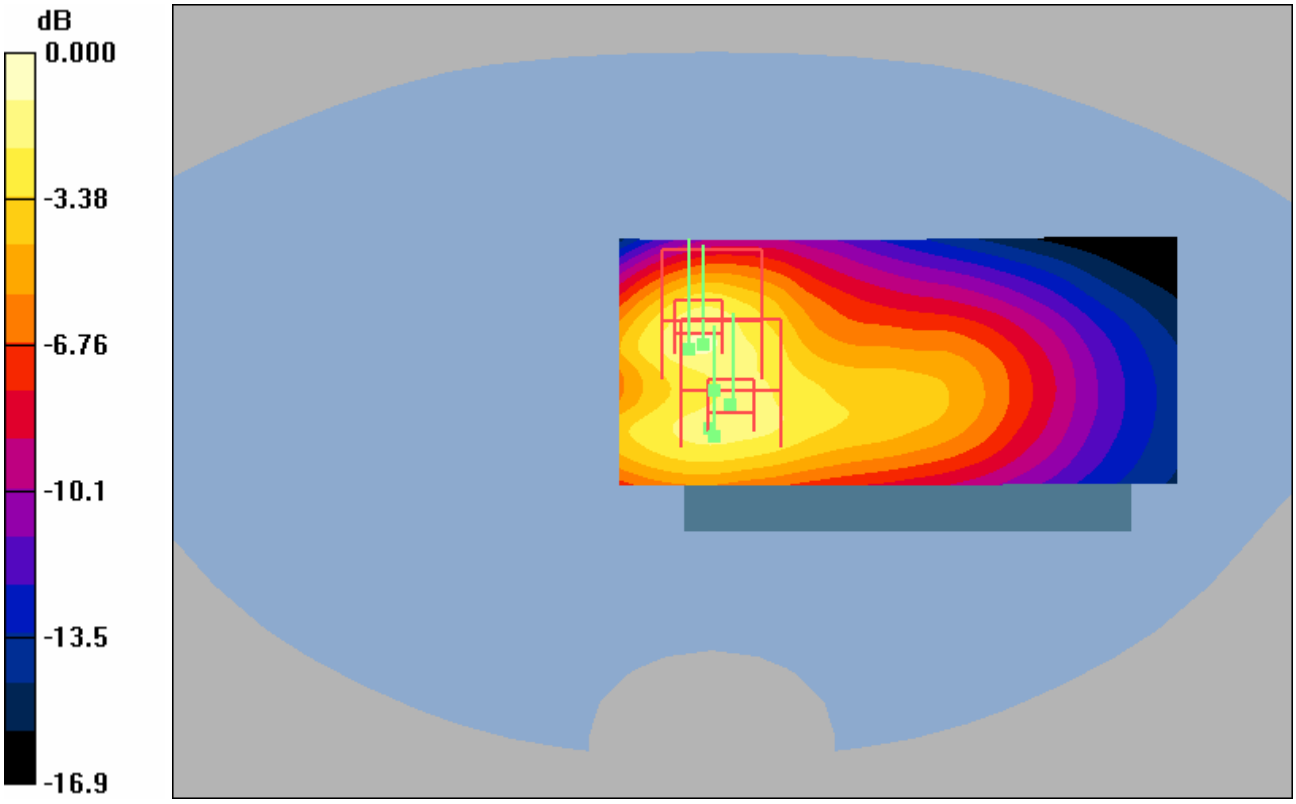
Exhibit 11

Distribution of maximum SAR in 1900 GSM band. Measured with back of device facing the body using a 15mm spacer. (Standard Battery, BST-33)

Date/Time: 8/6/2007 9:05:13 AM
File Name: 06Aug07_Z750_GSM1900_9CLS_15mm_BB01.da4
DUT: Z750 body
Phantom: SAM with CRP (High Band Body)Phantom section: Flat Section
Probe: ET3DV6 - SN1587ConvF(4.76, 4.76, 4.76)
Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 51.4; ρ = 1000 kg/m^3
Measurement Standard: DASY4 (High Precision Assessment)
Program Notes: Battery - BST33 Humidity - 44 % Ambient Temp - 21.7 C Simulant Temp - 21.4 C
DASY4 Configuration:
- Probe: ET3DV6 - SN1587; ConvF(4.76, 4.76, 4.76); Calibrated: 5/23/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn392; Calibrated: 5/29/2007
- Phantom: SAM with CRP (High Band Body); Type: SAM; Serial: TP: 1020
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Unnamed procedure 2/Area Scan (51x81x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.934 mW/g
Unnamed procedure 2/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.0 V/m; Power Drift = -0.003 dB
Peak SAR (extrapolated) = 1.37 W/kg
SAR(1 g) = 0.803 mW/g; SAR(10 g) = 0.462 mW/g
Maximum value of SAR (measured) = 0.865 mW/g
Unnamed procedure 2/Zoom Scan (7x7x7)/Cube 1:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.0 V/m; Power Drift = -0.003 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.741 mW/g; SAR(10 g) = 0.454 mW/g
Maximum value of SAR (measured) = 0.813 mW/g
Unnamed procedure 2/Zoom Scan (31x31x36)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.0 V/m; Power Drift = -0.003 dB
Maximum value of SAR (interpolated) = 1.37 mW/g
Unnamed procedure 2/Zoom Scan (31x31x36)/Cube 1:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.0 V/m; Power Drift = -0.003 dB
Maximum value of SAR (interpolated) = 1.14 mW/g

Prepared (also subject responsible if other)	No.	
SEM/CV/PF/P Gerard Hayes and Rodney Dixon	REP 2007 003 Z750i 02	
Approved / Checked		
SEM/CV/PF/P Gerard Hayes	D	



0 dB = 1.14mW/g

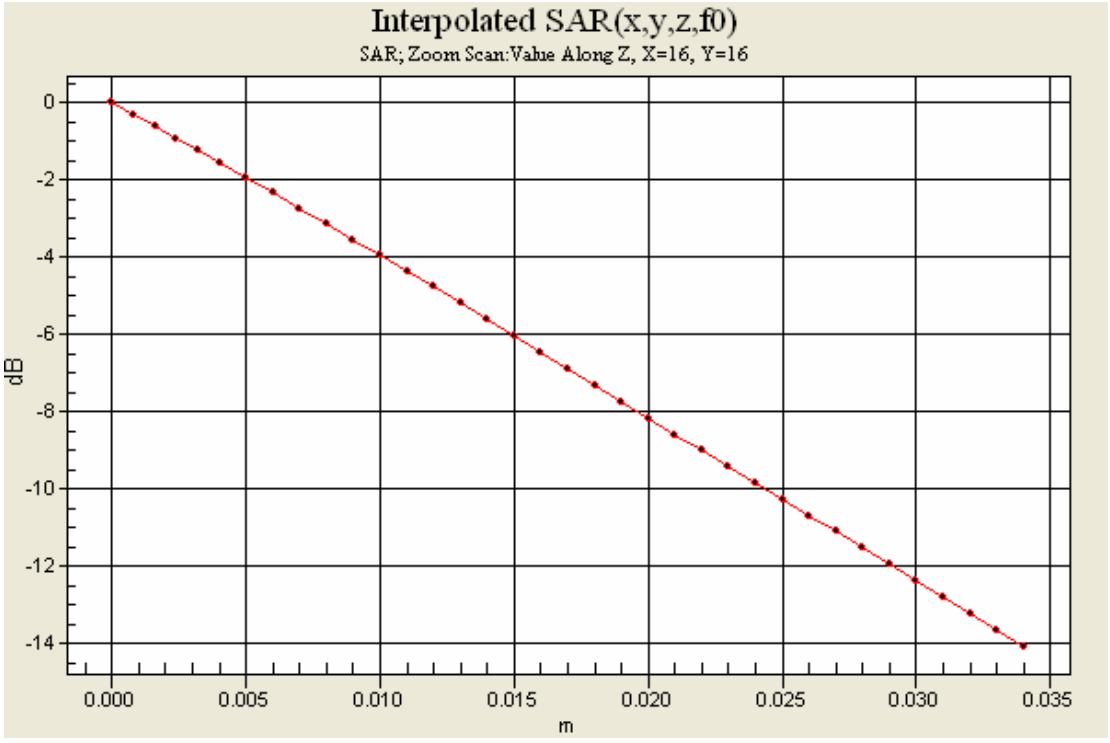


Exhibit 11

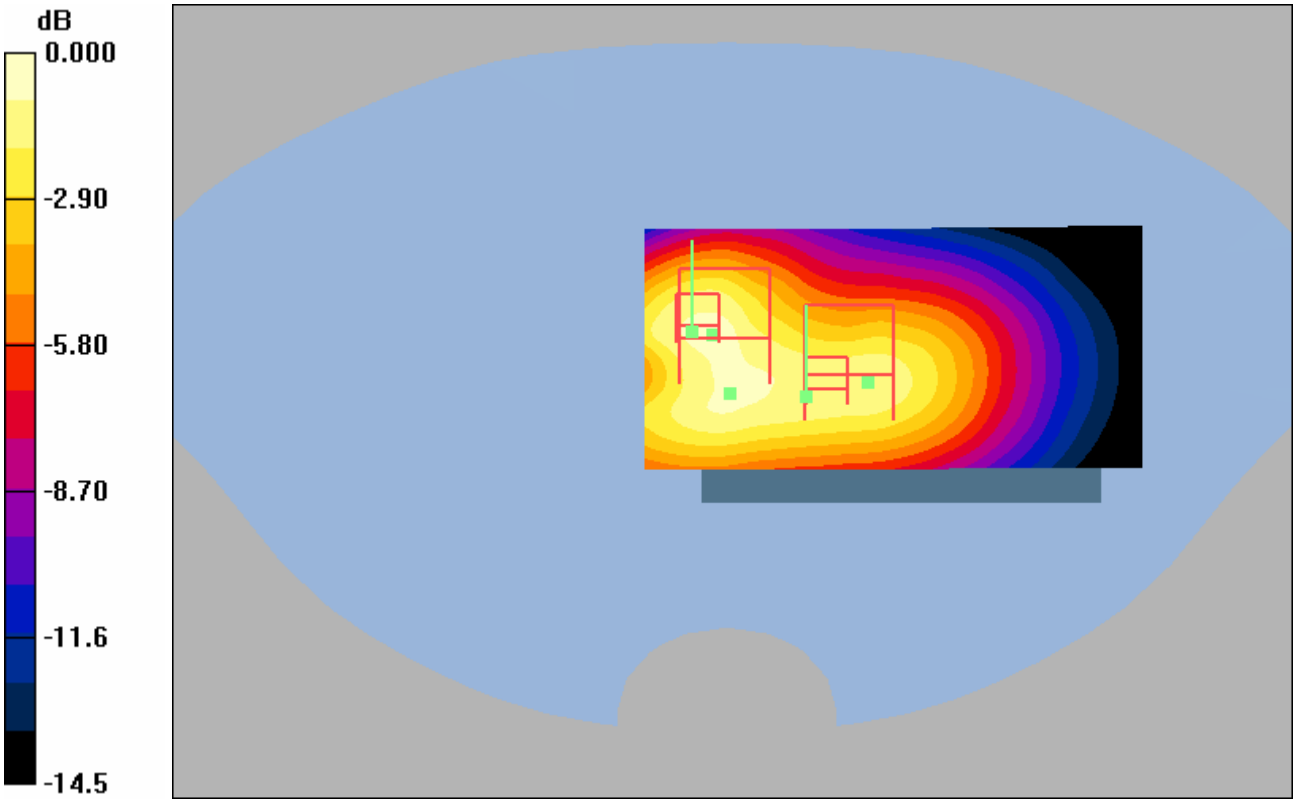
Prepared (also subject responsible if other)	No.	
SEM/CV/PF/P Gerard Hayes and Rodney Dixon	REP 2007 003 Z750i 02	
Approved / Checked		
SEM/CV/PF/P Gerard Hayes	D	

Distribution of maximum SAR in 1900 GSM band. Measured with back of device facing the body using an ICE26 carry case. (Standard Battery, BST-33)

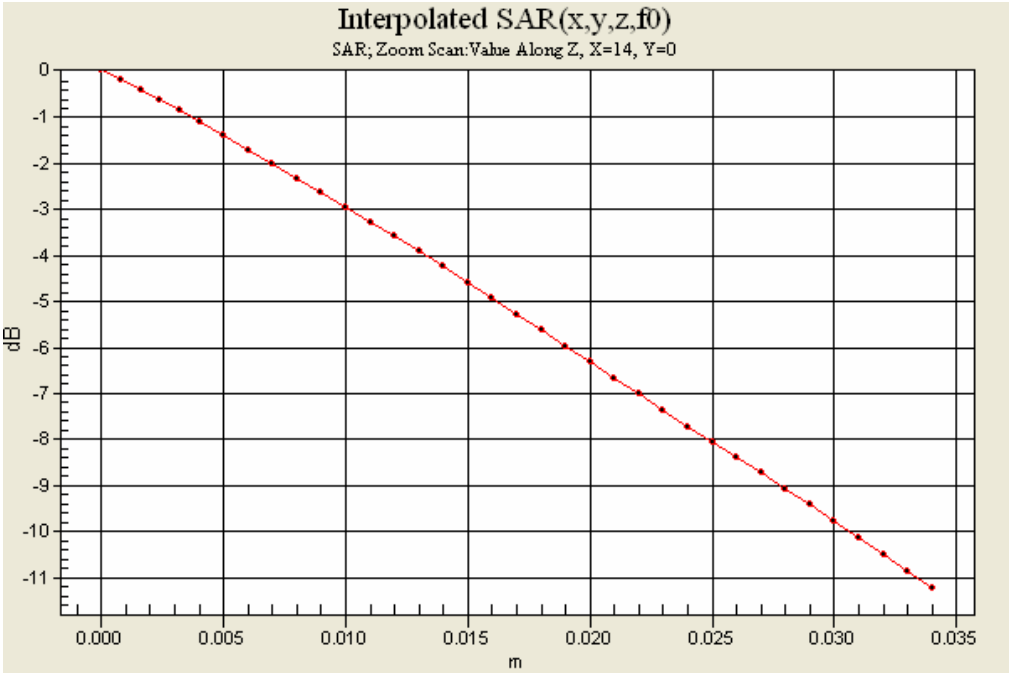
Date/Time: 8/5/2007 10:37:57 AM
File Name: 05Aug07_Z750_GSM1900_9CLS_ICE26_BB01.da4
DUT: Z750 body
Phantom: SAM with CRP (High Band Body)Phantom section: Flat Section
Probe: ET3DV6 - SN1587ConvF(4.76, 4.76, 4.76)
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.5 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Measurement Standard: DASY4 (High Precision Assessment)
Program Notes: Battery - BST33 Humidity - 44.3 % Ambient Temp - 21.6 C Simulant Temp - 21.4 C
DASY4 Configuration:
- Probe: ET3DV6 - SN1587; ConvF(4.76, 4.76, 4.76); Calibrated: 5/23/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn392; Calibrated: 5/29/2007
- Phantom: SAM with CRP (High Band Body); Type: SAM; Serial: TP: 1020
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Unnamed procedure/Area Scan (51x81x1):
Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.751 mW/g
Unnamed procedure/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.9 V/m; Power Drift = -0.096 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.667 mW/g; SAR(10 g) = 0.410 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.729 mW/g
Unnamed procedure/Zoom Scan (7x7x7)/Cube 1:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.9 V/m; Power Drift = -0.096 dB
Peak SAR (extrapolated) = 0.827 W/kg
SAR(1 g) = 0.587 mW/g; SAR(10 g) = 0.387 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.633 mW/g
Unnamed procedure/Zoom Scan (31x31x36)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.9 V/m; Power Drift = -0.096 dB
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.07 mW/g
Unnamed procedure/Zoom Scan (31x31x36)/Cube 1:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.9 V/m; Power Drift = -0.096 dB
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.827 mW/g

Prepared (also subject responsible if other)	No.	
SEM/CV/PF/P Gerard Hayes and Rodney Dixon	REP 2007 003 Z750i 02	
Approved / Checked		
SEM/CV/PF/P Gerard Hayes	D	



0 dB = 0.827mW/g



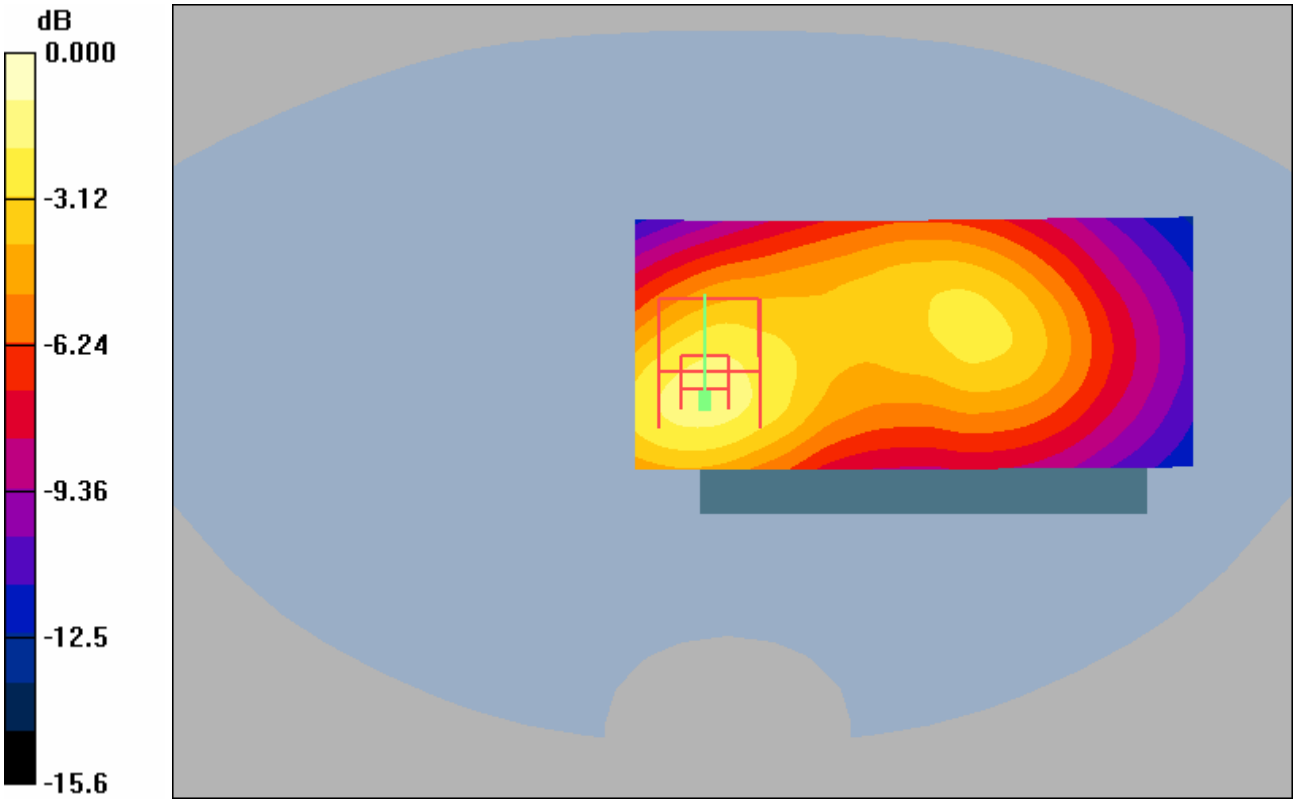
Prepared (also subject responsible if other)	No.	
SEM/CV/PF/P Gerard Hayes and Rodney Dixon	REP 2007 003 Z750i 02	
Approved / Checked		
SEM/CV/PF/P Gerard Hayes	D	

Distribution of maximum SAR in 1900 GSM band. Measured with front of device facing the body using a 15mm spacer. (Standard Battery, BST-33)

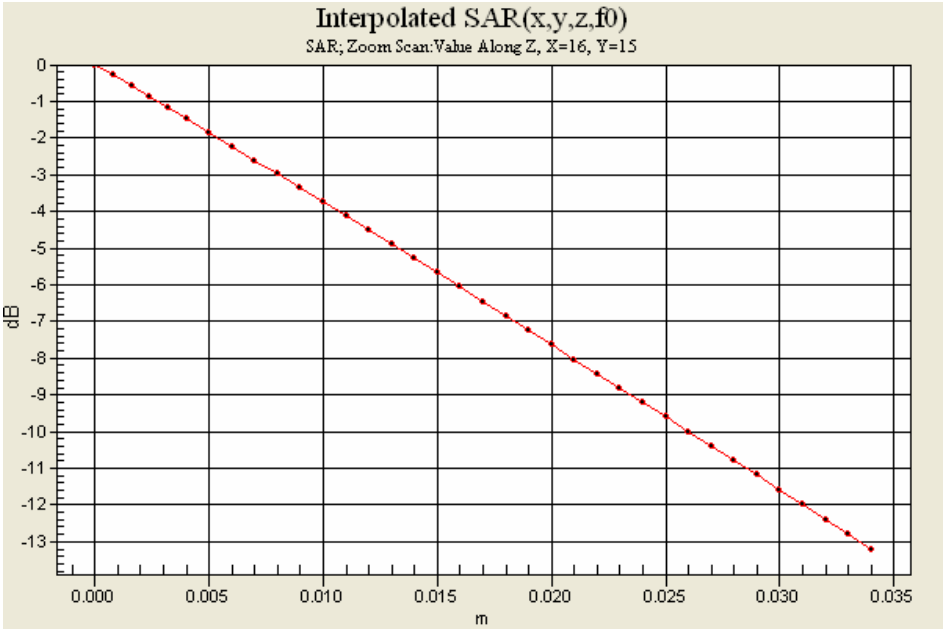
Date/Time: 8/6/2007 9:37:11 AM
File Name: 06Aug07_Z750_GSM1900_9CLS_15mm_BF01.da4
DUT: Z750 body
Phantom: SAM with CRP (High Band Body)Phantom section: Flat Section
Probe: ET3DV6 - SN1587ConvF(4.76, 4.76, 4.76)
Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 51.4; ρ = 1000 kg/m^3
Measurement Standard: DASY4 (High Precision Assessment)
Program Notes: Battery - BST33 Humidity - 43.8 % Ambient Temp - 21.8 C Simulant Temp - 21.5 C
DASY4 Configuration:
- Probe: ET3DV6 - SN1587; ConvF(4.76, 4.76, 4.76); Calibrated: 5/23/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn392; Calibrated: 5/29/2007
- Phantom: SAM with CRP (High Band Body); Type: SAM; Serial: TP: 1020
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Unnamed procedure 2/Area Scan (51x81x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.295 mW/g
Unnamed procedure 2/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.2 V/m; Power Drift = 0.009 dB
Peak SAR (extrapolated) = 0.415 W/kg
SAR(1 g) = 0.272 mW/g; SAR(10 g) = 0.171 mW/g
Maximum value of SAR (measured) = 0.295 mW/g
Unnamed procedure 2/Zoom Scan (31x31x36)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.2 V/m; Power Drift = 0.009 dB
Maximum value of SAR (interpolated) = 0.415 mW/g

Prepared (also subject responsible if other)	No.	
SEM/CV/PF/P Gerard Hayes and Rodney Dixon	REP 2007 003 Z750i 02	
Approved / Checked		
SEM/CV/PF/P Gerard Hayes	D	



0 dB = 0.415mW/g



Prepared (also subject responsible if other)	No.	
SEM/CV/PF/P Gerard Hayes and Rodney Dixon	REP 2007 003 Z750i 02	
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Distribution of maximum SAR in 1900 GSM band. Measured with front of device facing the body using an ICE26 carry case. (Standard Battery, BST-33)

Date/Time: 8/5/2007 11:19:19 AM
File Name: 05Aug07_Z750_GSM1900_9CLS_ICE26_BF01.da4
DUT: Z750 body
Phantom: SAM with CRP (High Band Body)Phantom section: Flat Section
Probe: ET3DV6 - SN1587ConvF(4.76, 4.76, 4.76)
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.5 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Measurement Standard: DASY4 (High Precision Assessment)
Program Notes: Battery - BST33 Humidity - 44.3 % Ambient Temp - 21.6 C Simulant Temp - 21.4 C
DASY4 Configuration:
- Probe: ET3DV6 - SN1587; ConvF(4.76, 4.76, 4.76); Calibrated: 5/23/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn392; Calibrated: 5/29/2007
- Phantom: SAM with CRP (High Band Body); Type: SAM; Serial: TP: 1020
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Unnamed procedure/Area Scan (51x81x1):
Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.279 mW/g
Unnamed procedure/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.2 V/m; Power Drift = -0.062 dB
Peak SAR (extrapolated) = 0.395 W/kg
SAR(1 g) = 0.262 mW/g; SAR(10 g) = 0.168 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.283 mW/g
Unnamed procedure/Zoom Scan (31x31x36)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.2 V/m; Power Drift = -0.062 dB
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.395 mW/g

Prepared (also subject responsible if other)	No.	
SEM/CV/PF/P Gerard Hayes and Rodney Dixon	REP 2007 003 Z750i 02	
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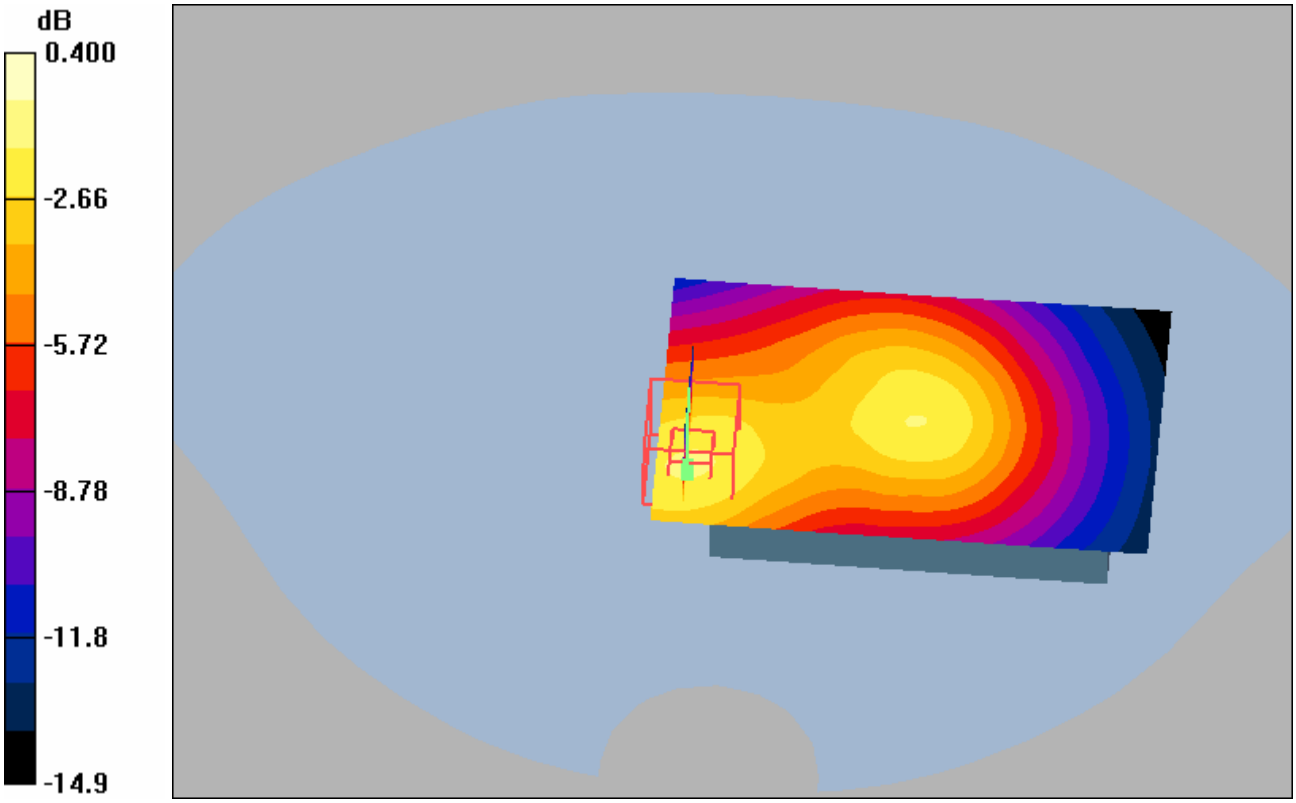
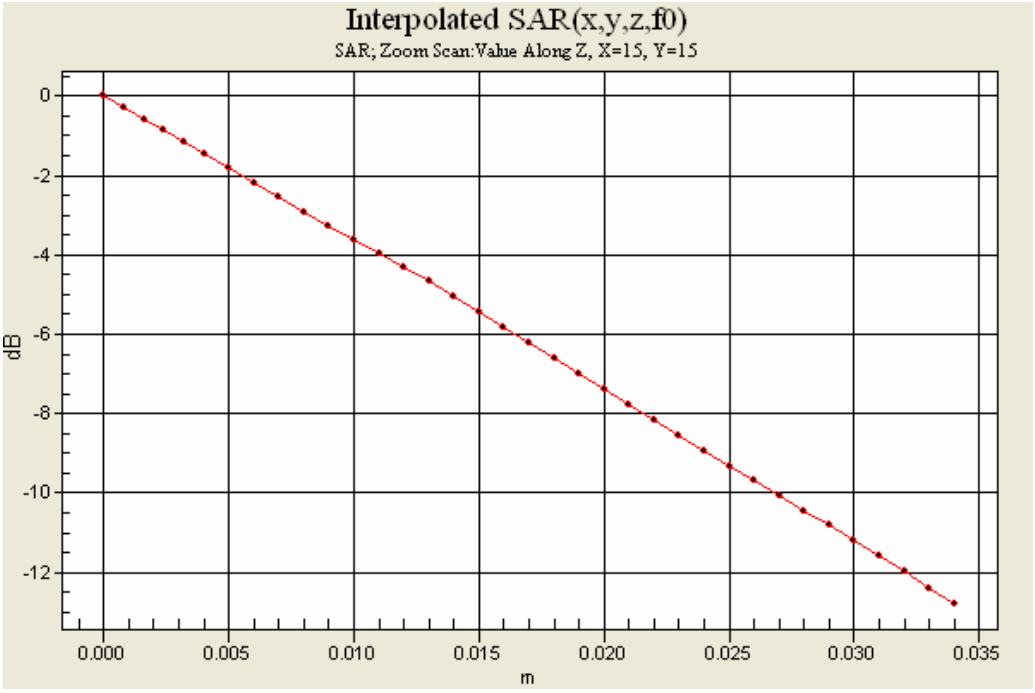
SEM/CV/PF/P Gerard Hayes	D	



0 dB = 0.395mW/g



Prepared (also subject responsible if other)	No.	
SEM/CV/PF/P Gerard Hayes and Rodney Dixon	REP 2007 003 Z750i 02	
Approved / Checked		
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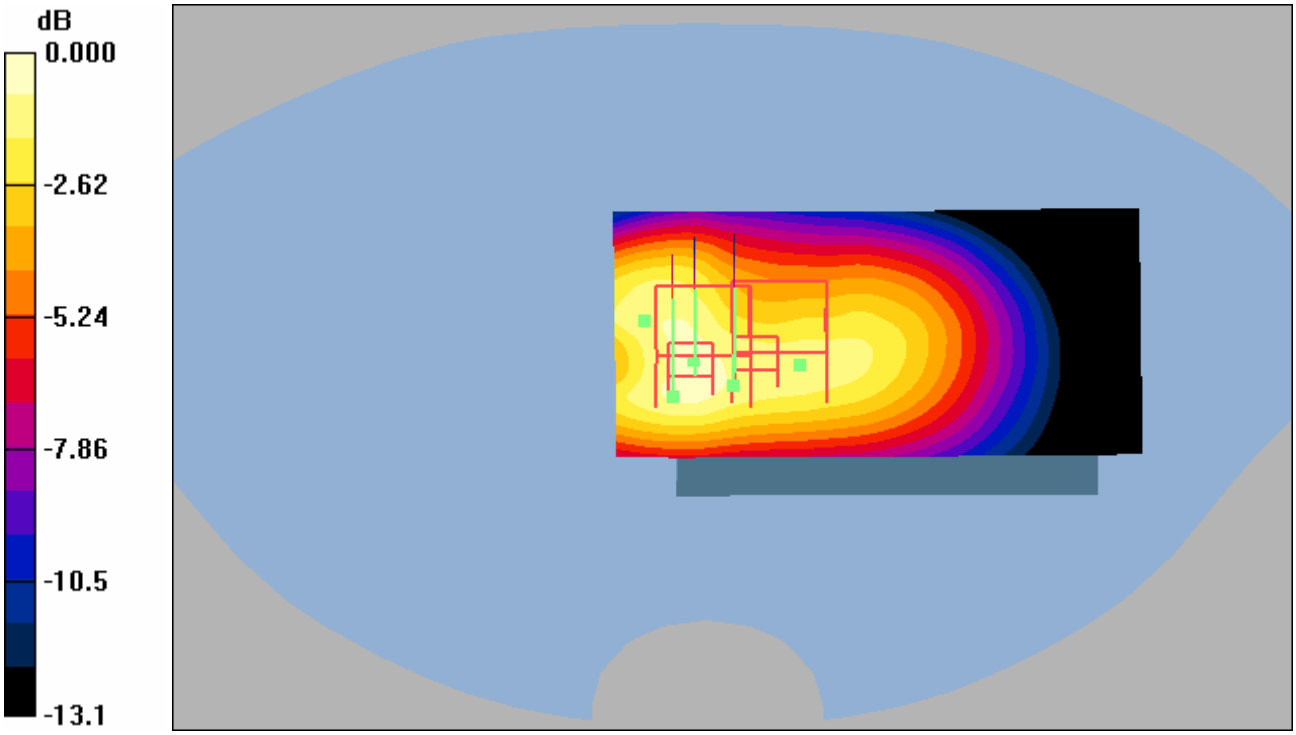
Distribution of maximum SAR in 1900 GSM band. Measured with back of device facing the body using a ICE26 carry case with Blue Tooth. (Standard Battery BST-33)

Date/Time: 8/7/2007 7:53:17 AM
File Name: 06Aug07_Z750_GSM1900_9CLS_15mm_BT_BB01.da4
DUT: Z750 body
Phantom: SAM with CRP (High Band Body)Phantom section: Flat Section
Probe: ET3DV6 - SN1587ConvF(4.76, 4.76, 4.76)
Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 51.4; ρ = 1000 kg/m^3
Measurement Standard: DASY4 (High Precision Assessment)
Program Notes: Battery - BST33 Humidity - 44.6 % Ambient Temp - 22.1 C Simulant Temp - 21.7 C
DASY4 Configuration:
- Probe: ET3DV6 - SN1587; ConvF(4.76, 4.76, 4.76); Calibrated: 5/23/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn392; Calibrated: 5/29/2007
- Phantom: SAM with CRP (High Band Body); Type: SAM; Serial: TP: 1020
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Unnamed procedure 2/Area Scan (51x81x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.642 mW/g
Unnamed procedure 2/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.5 V/m; Power Drift = -0.179 dB
Peak SAR (extrapolated) = 0.854 W/kg
SAR(1 g) = 0.598 mW/g; SAR(10 g) = 0.386 mW/g
Maximum value of SAR (measured) = 0.651 mW/g
Unnamed procedure 2/Zoom Scan (7x7x7)/Cube 1:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.5 V/m; Power Drift = -0.179 dB
Peak SAR (extrapolated) = 0.715 W/kg
SAR(1 g) = 0.511 mW/g; SAR(10 g) = 0.344 mW/g
Maximum value of SAR (measured) = 0.568 mW/g
Unnamed procedure 2/Zoom Scan (31x31x36)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.5 V/m; Power Drift = -0.179 dB
Maximum value of SAR (interpolated) = 0.854 mW/g
Unnamed procedure 2/Zoom Scan (31x31x36)/Cube 1:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.5 V/m; Power Drift = -0.179 dB
Maximum value of SAR (interpolated) = 0.715 mW/g

Prepared (also subject responsible if other)	No.	
SEM/CV/PF/P Gerard Hayes and Rodney Dixon	REP 2007 003 Z750i 02	
Approved / Checked		
SEM/CV/PF/P Gerard Hayes	D	



0 dB = 0.715mW/g

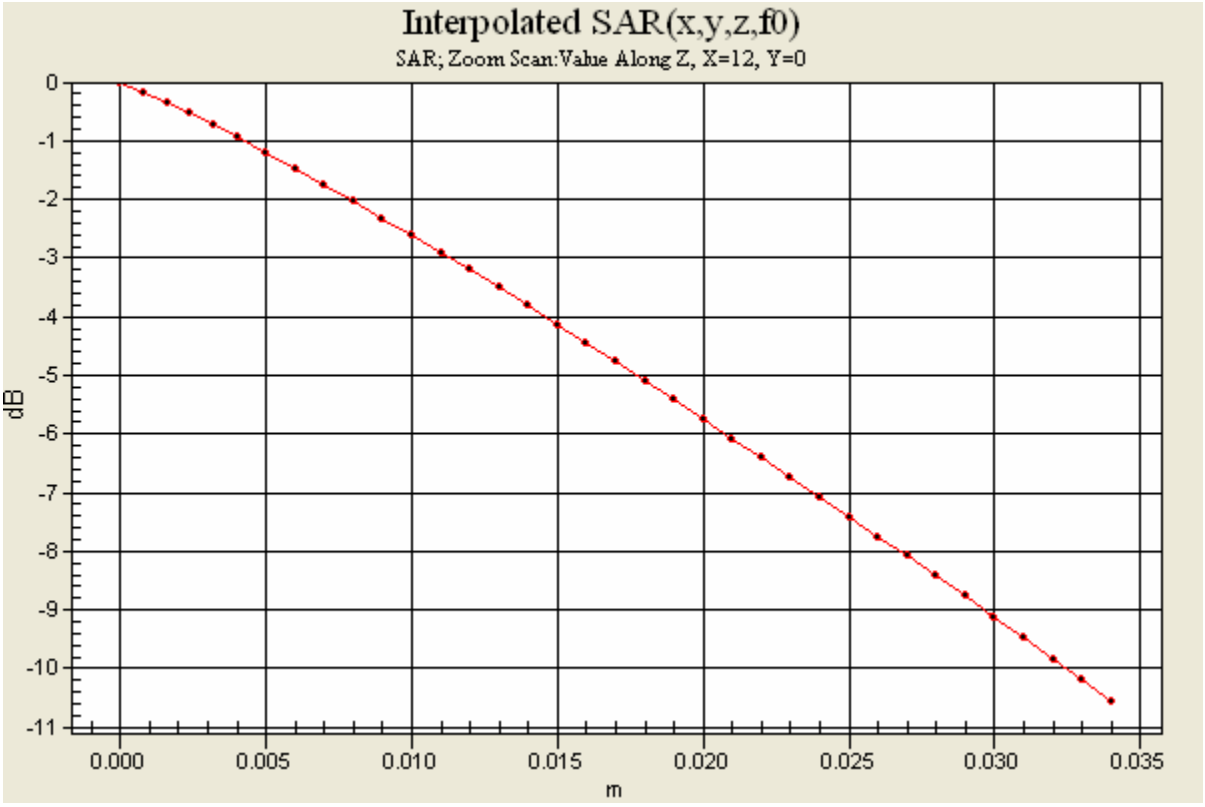


Exhibit 11

Distribution of maximum SAR in UMTS Band V (850MHz). Measured with back of device facing the body using a 15mm spacer. (Standard Battery, BST-33)

Date/Time: 8/9/2007 9:15:00 AM
File Name: 09Aug07_Z750_B5WCDMA_9CLJ_15mm_BB01.da4
DUT: Z750 body
Phantom: SAM with CRP (Low Band Body)Phantom section: Flat Section
Probe: ET3DV6 - SN1587ConvF(6.55, 6.55, 6.55)
Medium parameters used (interpolated): f = 846.4 MHz; σ = 1.03 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Measurement Standard: DASY4 (High Precision Assessment)
Program Notes: Battery - BST33 Humidity - 44.9 % Ambient Temp - 21.5 C Simulant Temp - 21.6 C
DASY4 Configuration:
- Probe: ET3DV6 - SN1587; ConvF(6.55, 6.55, 6.55); Calibrated: 5/23/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn392; Calibrated: 5/29/2007
- Phantom: SAM with CRP (Low Band Body); Type: SAM; Serial: TP: 1031
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Unnamed procedure 3/Area Scan (51x81x1):
Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.11 mW/g
Unnamed procedure 3/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 32.9 V/m; Power Drift = -0.009 dB
Peak SAR (extrapolated) = 1.44 W/kg
SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.727 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.11 mW/g
Unnamed procedure 3/Zoom Scan (31x31x36)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 32.9 V/m; Power Drift = -0.009 dB
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.44 mW/g

Prepared (also subject responsible if other)	No.	
SEM/CV/PF/P Gerard Hayes and Rodney Dixon	REP 2007 003 Z750i 02	
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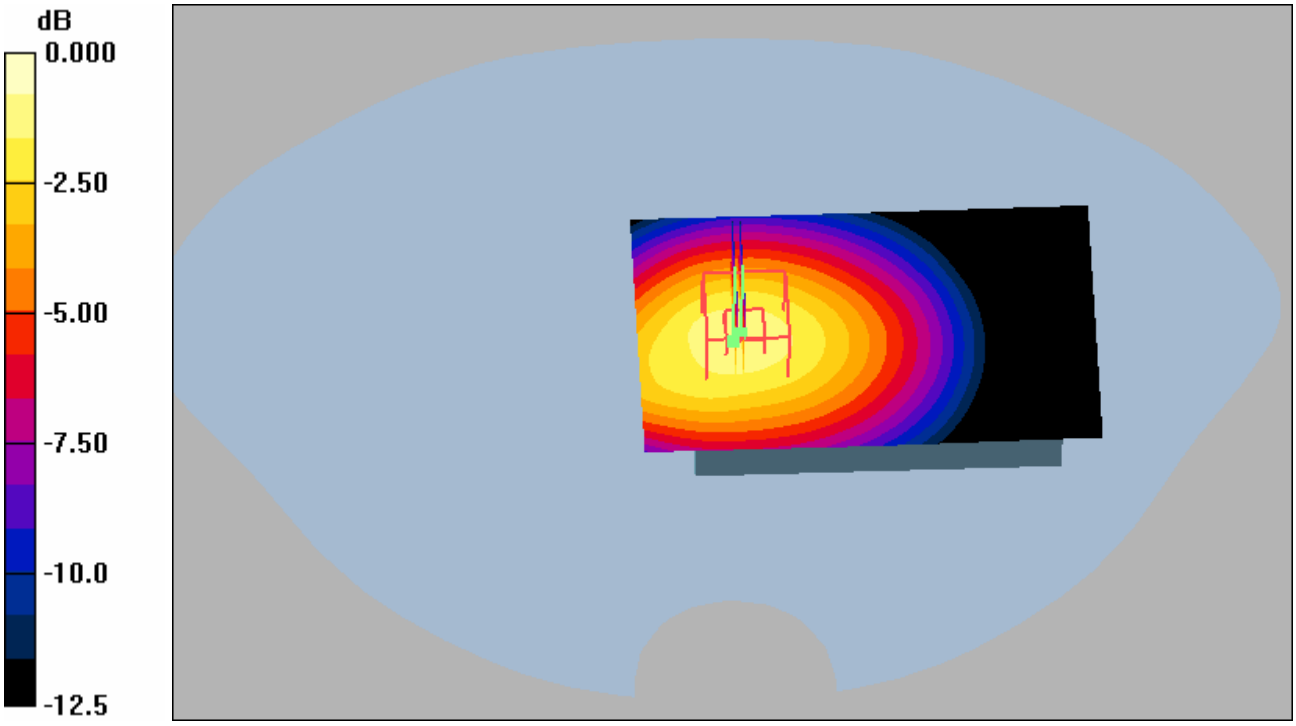


0 dB = 1.44mW/g

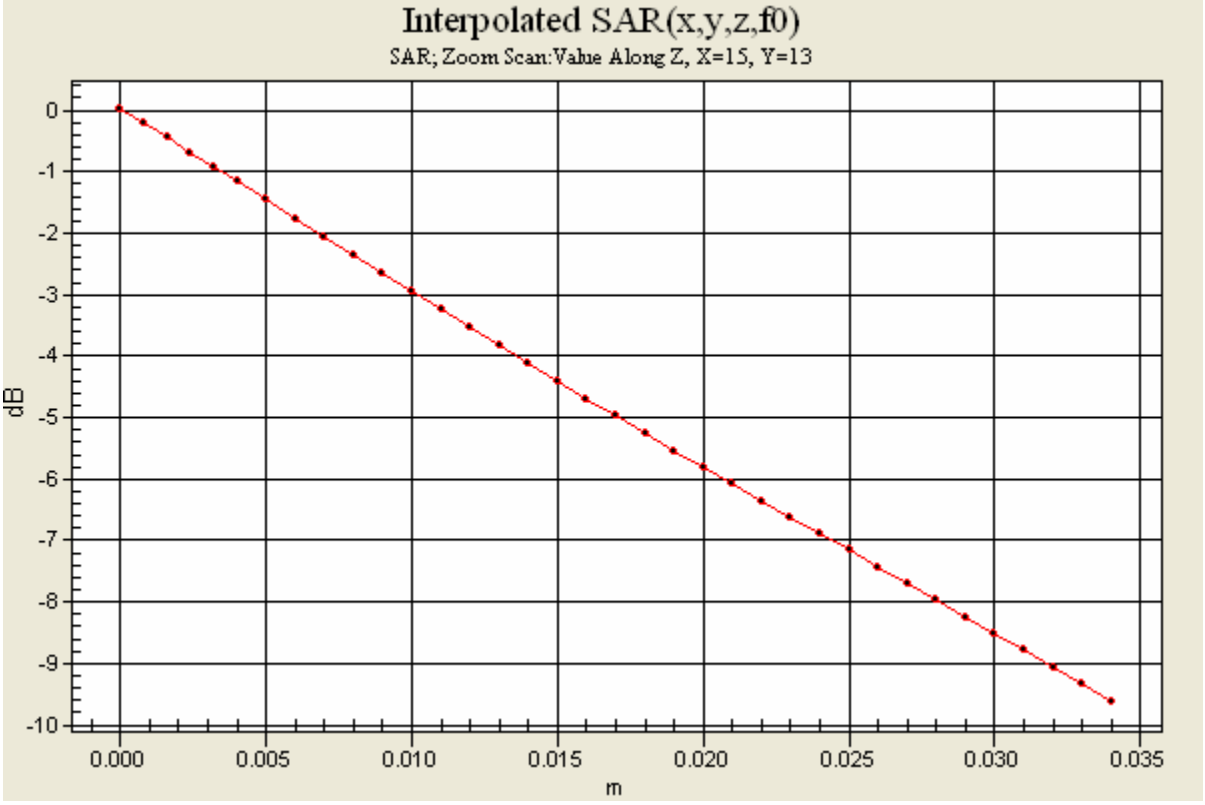


Exhibit 11

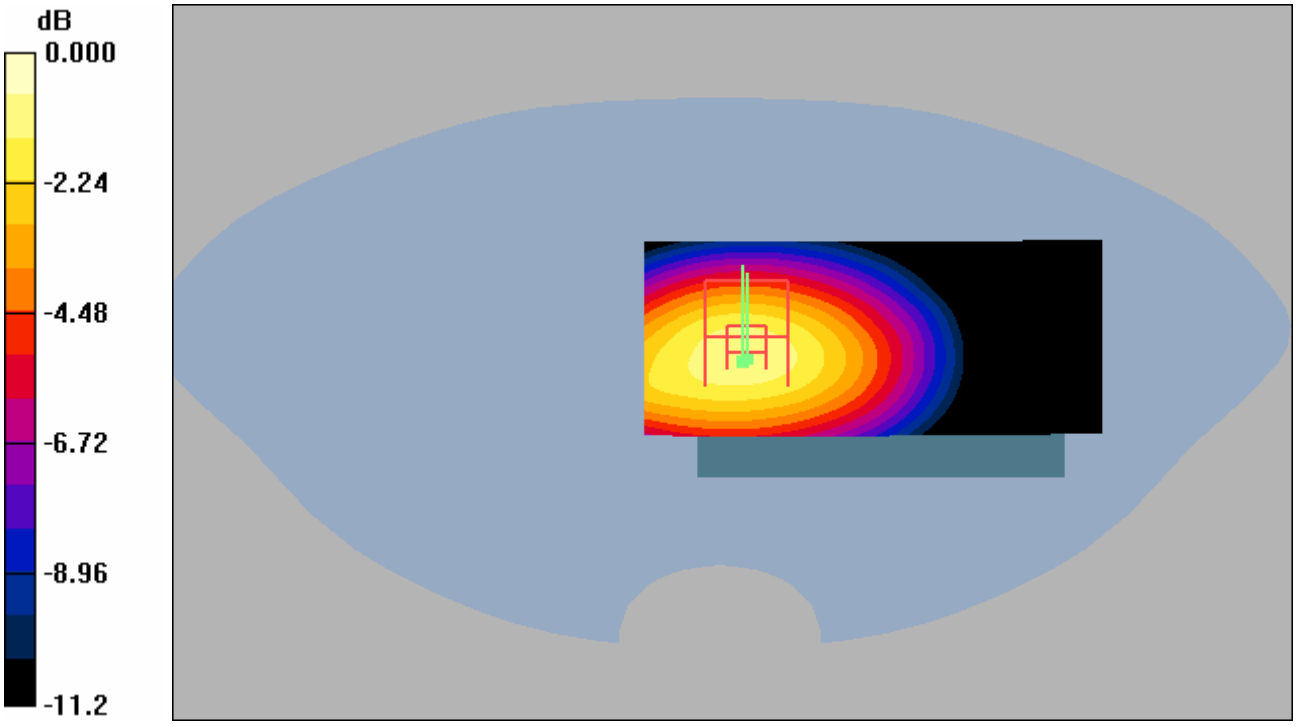
Prepared (also subject responsible if other)	No.	
SEM/CV/PF/P Gerard Hayes and Rodney Dixon	REP 2007 003 Z750i 02	
Approved / Checked		
SEM/CV/PF/P Gerard Hayes	D	

Distribution of maximum SAR in UMTS Band V (850MHz). Measured with back of device facing the body using an ICE26 carry case. (Standard Battery, BST-33)

Date/Time: 8/9/2007 11:05:03 AM
File Name: 09Aug07_Z750_B5WCDMA_9CLJ_ICE26_BB01.da4
DUT: Z750 body
Phantom: SAM with CRP (Low Band Body)Phantom section: Flat Section
Probe: ET3DV6 - SN1587ConvF(6.55, 6.55, 6.55)
Medium parameters used: f = 835 MHz; σ = 1.02 mho/m; ε_r = 53.6; ρ = 1000 kg/m^3
Measurement Standard: DASY4 (High Precision Assessment)
Program Notes: Battery - BST33 Humidity - 44.9 % Ambient Temp - 21.5 C Simulant Temp - 21.6 C
DASY4 Configuration:
- Probe: ET3DV6 - SN1587; ConvF(6.55, 6.55, 6.55); Calibrated: 5/23/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn392; Calibrated: 5/29/2007
- Phantom: SAM with CRP (Low Band Body); Type: SAM; Serial: TP: 1031
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Unnamed procedure 2/Area Scan (51x81x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.17 mW/g
Unnamed procedure 2/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 34.5 V/m; Power Drift = -0.020 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.774 mW/g
Maximum value of SAR (measured) = 1.16 mW/g
Unnamed procedure 2/Zoom Scan (31x31x36)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 34.5 V/m; Power Drift = -0.020 dB
Maximum value of SAR (interpolated) = 1.45 mW/g

Prepared (also subject responsible if other)	No.	
SEM/CV/PF/P Gerard Hayes and Rodney Dixon	REP 2007 003 Z750i 02	
Approved / Checked		
SEM/CV/PF/P Gerard Hayes	D	



0 dB = 1.45mW/g

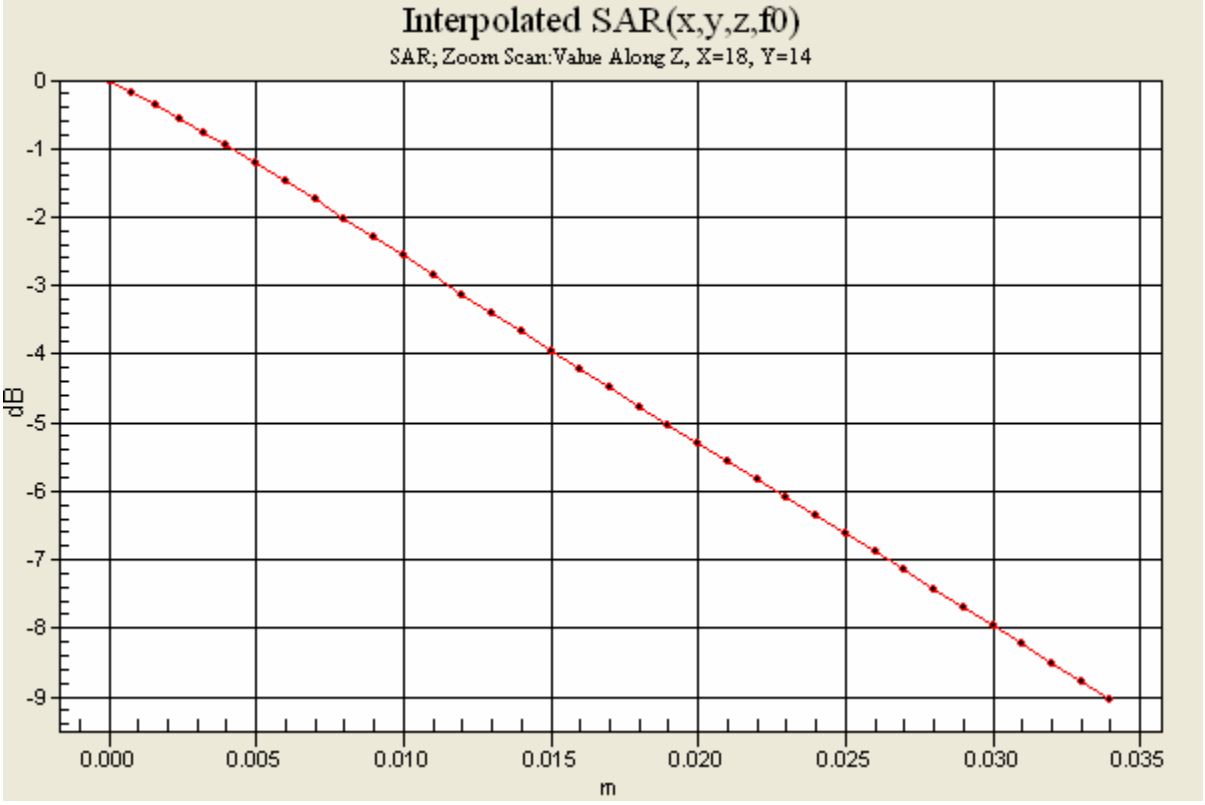


Exhibit 11

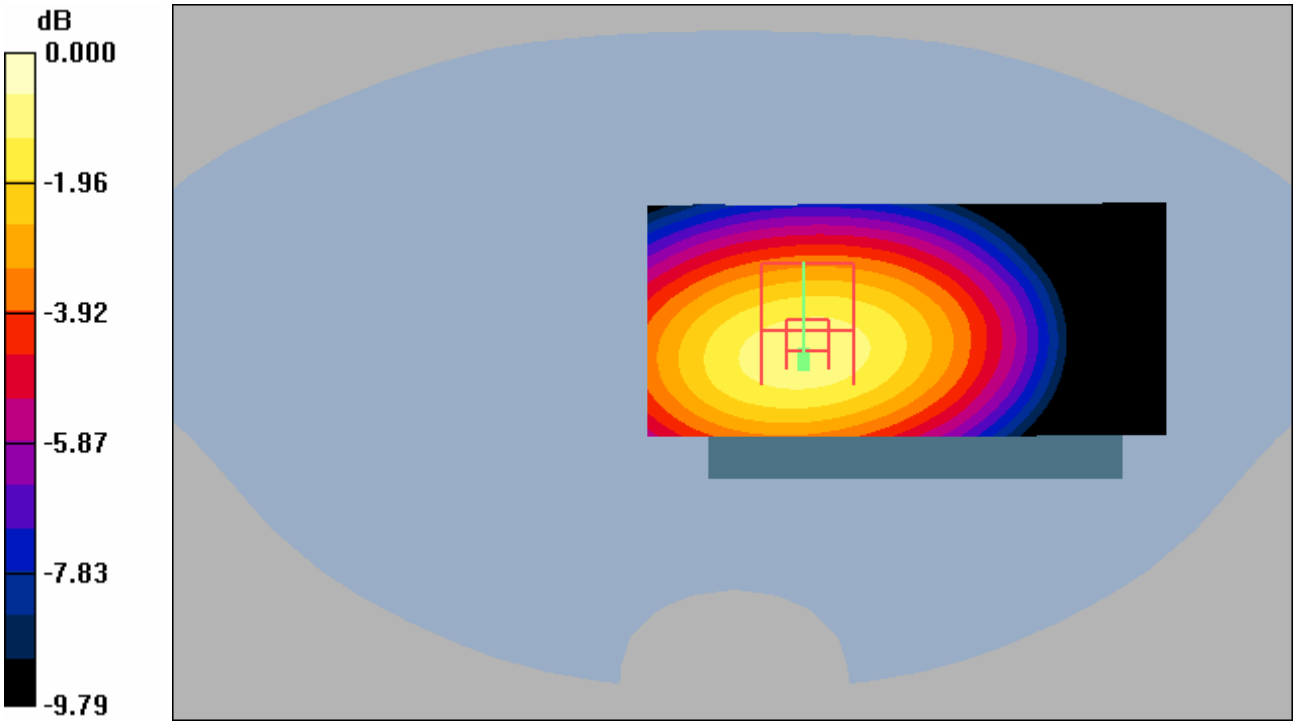
Prepared (also subject responsible if other)	No.	
SEM/CV/PF/P Gerard Hayes and Rodney Dixon	REP 2007 003 Z750i 02	
Approved / Checked		
SEM/CV/PF/P Gerard Hayes	D	

Distribution of maximum SAR in UMTS Band V (850MHz). Measured with front of device facing the body using a 15mm spacer. (Standard Battery, BST-33)

Date/Time: 8/9/2007 9:33:51 AM
File Name: 09Aug07_Z750_B5WCDMA_9CLJ_15mm_BF01.da4
DUT: Z750 body
Phantom: SAM with CRP (Low Band Body)Phantom section: Flat Section
Probe: ET3DV6 - SN1587ConvF(6.55, 6.55, 6.55)
Medium parameters used (interpolated): f = 846.4 MHz; σ = 1.03 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Measurement Standard: DASY4 (High Precision Assessment)
Program Notes: Battery - BST33 Humidity - 44.9 % Ambient Temp - 21.5 C Simulant Temp - 21.6 C
DASY4 Configuration:
- Probe: ET3DV6 - SN1587; ConvF(6.55, 6.55, 6.55); Calibrated: 5/23/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn392; Calibrated: 5/29/2007
- Phantom: SAM with CRP (Low Band Body); Type: SAM; Serial: TP: 1031
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Unnamed procedure 3/Area Scan (51x81x1):
Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.324 mW/g
Unnamed procedure 3/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.1 V/m; Power Drift = -0.014 dB
Peak SAR (extrapolated) = 0.394 W/kg
SAR(1 g) = 0.304 mW/g; SAR(10 g) = 0.222 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.323 mW/g
Unnamed procedure 3/Zoom Scan (31x31x36)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.1 V/m; Power Drift = -0.014 dB
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.394 mW/g

Prepared (also subject responsible if other)	No.	
SEM/CV/PF/P Gerard Hayes and Rodney Dixon	REP 2007 003 Z750i 02	
Approved / Checked		
SEM/CV/PF/P Gerard Hayes	D	



0 dB = 0.394mW/g

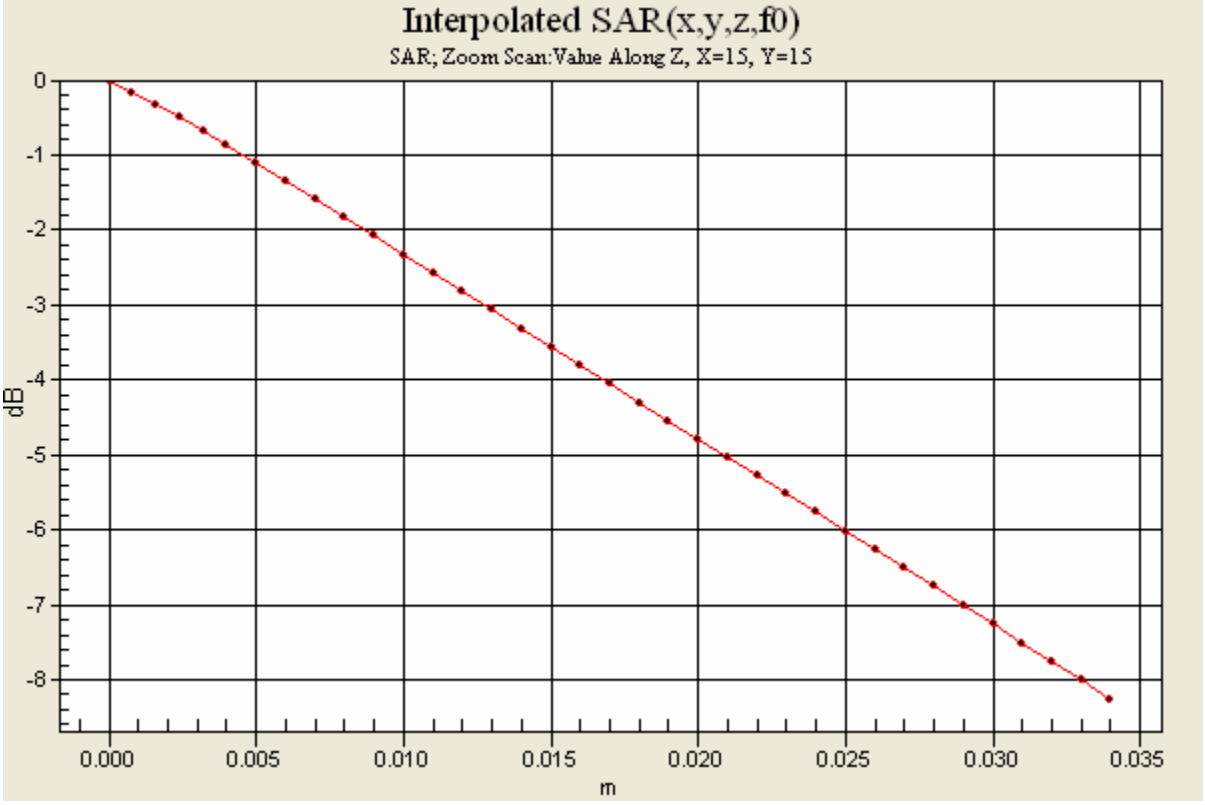


Exhibit 11

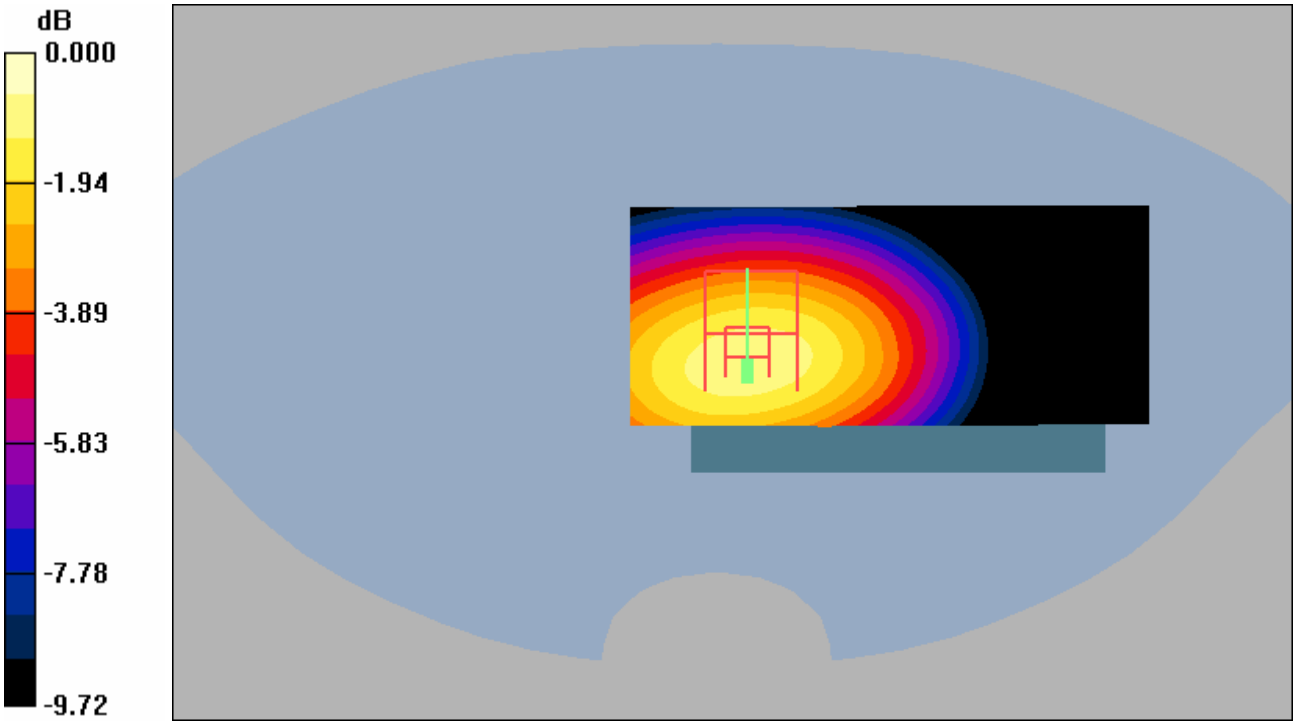
Prepared (also subject responsible if other)	No.	
SEM/CV/PF/P Gerard Hayes and Rodney Dixon	REP 2007 003 Z750i 02	
Approved / Checked		
SEM/CV/PF/P Gerard Hayes	D	

Distribution of maximum SAR in UMTS Band V (850MHz). Measured with front of device facing the body using an ICE26 carry case. (Standard Battery, BST-33)

Date/Time: 8/9/2007 11:46:04 AM
File Name: 09Aug07_Z750_B5WCDMA_9CLJ_ICE26_BF01.da4
DUT: Z750 body
Phantom: SAM with CRP (Low Band Body)Phantom section: Flat Section
Probe: ET3DV6 - SN1587ConvF(6.55, 6.55, 6.55)
Medium parameters used (interpolated): f = 846.4 MHz; σ = 1.03 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Measurement Standard: DASY4 (High Precision Assessment)
Program Notes: Battery - BST33 Humidity - 44.9 % Ambient Temp - 21.5 C Simulant Temp - 21.6 C
DASY4 Configuration:
- Probe: ET3DV6 - SN1587; ConvF(6.55, 6.55, 6.55); Calibrated: 5/23/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn392; Calibrated: 5/29/2007
- Phantom: SAM with CRP (Low Band Body); Type: SAM; Serial: TP: 1031
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Unnamed procedure 3/Area Scan (51x81x1):
Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.397 mW/g
Unnamed procedure 3/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.4 V/m; Power Drift = -0.017 dB
Peak SAR (extrapolated) = 0.479 W/kg
SAR(1 g) = 0.373 mW/g; SAR(10 g) = 0.271 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.395 mW/g
Unnamed procedure 3/Zoom Scan (31x31x36)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.4 V/m; Power Drift = -0.017 dB
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.479 mW/g

Prepared (also subject responsible if other)	No.	
SEM/CV/PF/P Gerard Hayes and Rodney Dixon	REP 2007 003 Z750i 02	
Approved / Checked		
SEM/CV/PF/P Gerard Hayes	D	



0 dB = 0.479mW/g

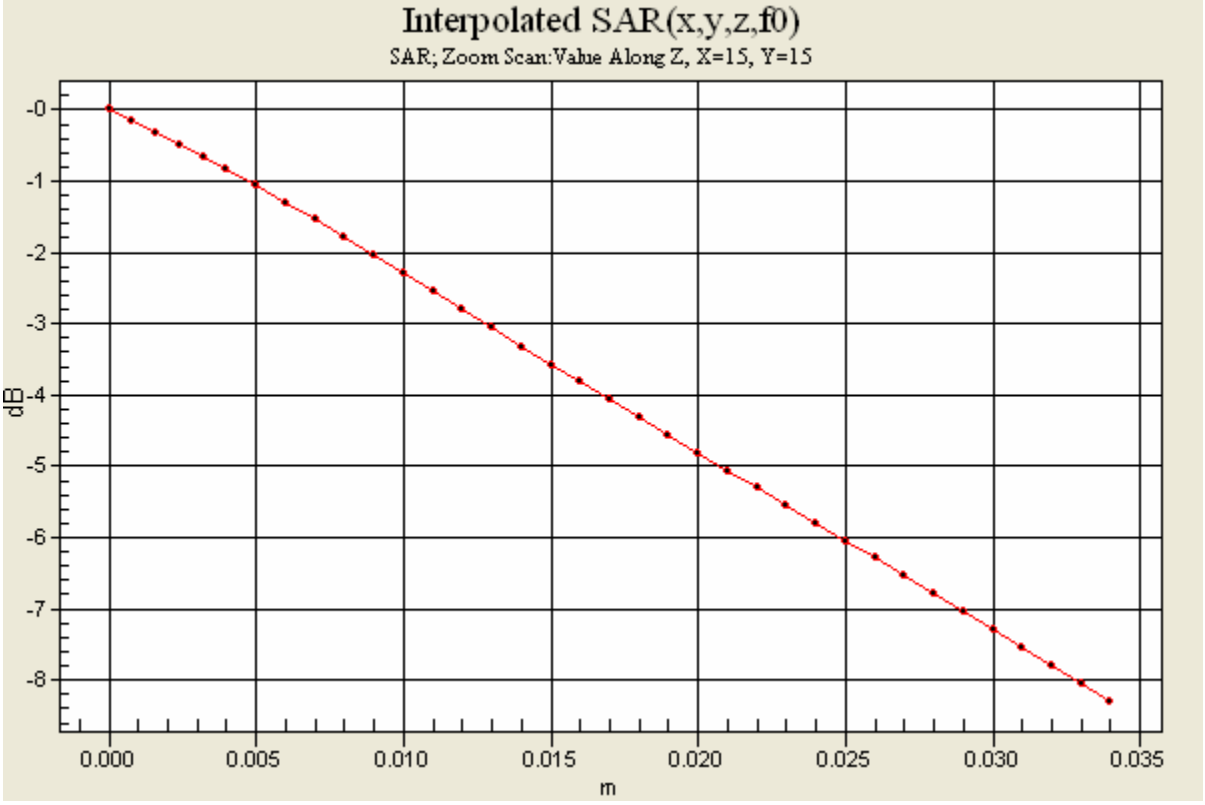


Exhibit 11

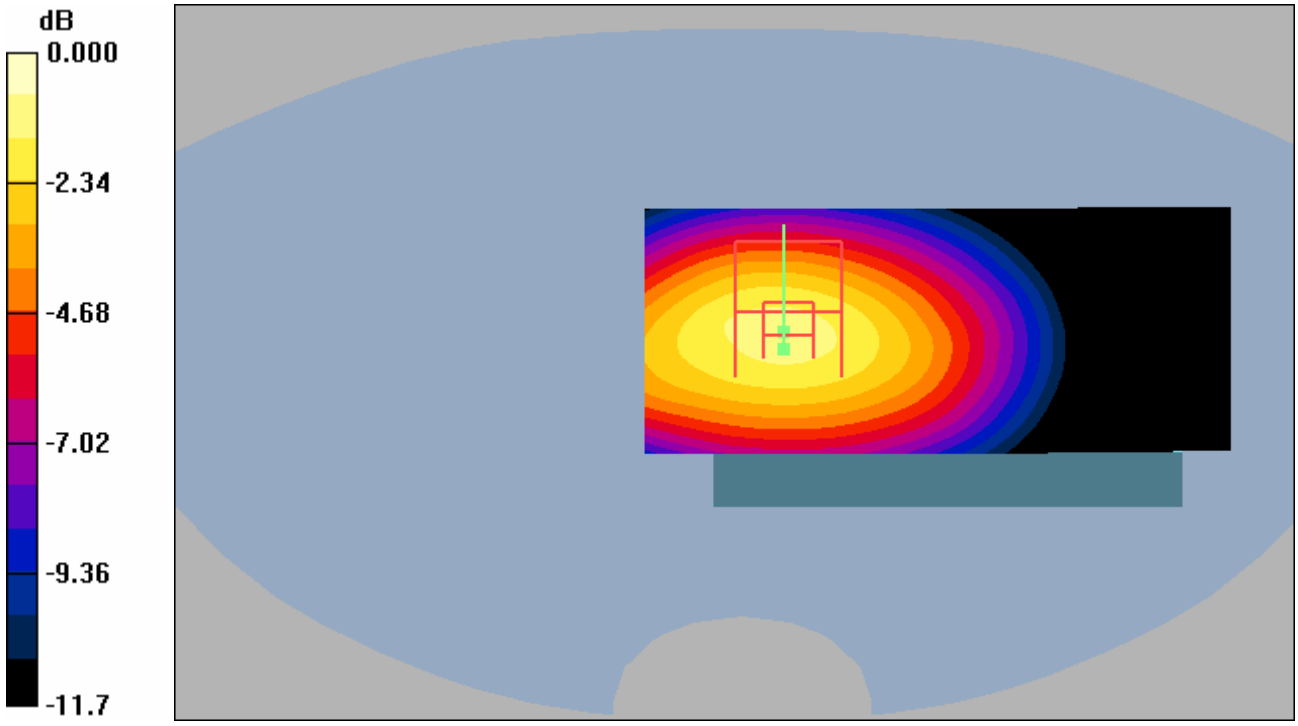
Prepared (also subject responsible if other)	No.	
SEM/CV/PF/P Gerard Hayes and Rodney Dixon	REP 2007 003 Z750i 02	
Approved / Checked		
SEM/CV/PF/P Gerard Hayes	D	

Distribution of maximum SAR in UMTS Band V (850MHz). Measured with back of device facing the body using an ICE26 carry case with Blue Tooth. (Standard Battery BST-33)

Date/Time: 8/13/2007 6:46:29 AM
File Name: 09Aug07_Z750_B5WCDMA_9CLJ_ICE26_BT_BB01.da4
DUT: Z750 body
Phantom: SAM with CRP (Low Band Body)Phantom section: Flat Section
Probe: ET3DV6 - SN1587ConvF(6.55, 6.55, 6.55)
Medium parameters used: f = 835 MHz; σ = 1.02 mho/m; ε_r = 53.6; ρ = 1000 kg/m^3
Measurement Standard: DASY4 (High Precision Assessment)
Program Notes: Battery - BST33 Humidity - 44.9 % Ambient Temp - 21.5 C Simulant Temp - 21.6 C
DASY4 Configuration:
- Probe: ET3DV6 - SN1587; ConvF(6.55, 6.55, 6.55); Calibrated: 5/23/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn392; Calibrated: 5/29/2007
- Phantom: SAM with CRP (Low Band Body); Type: SAM; Serial: TP: 1031
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Unnamed procedure 2/Area Scan (51x81x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.09 mW/g
Unnamed procedure 2/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 33.2 V/m; Power Drift = 0.041 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.758 mW/g
Maximum value of SAR (measured) = 1.14 mW/g
Unnamed procedure 2/Zoom Scan (31x31x36)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 33.2 V/m; Power Drift = 0.041 dB
Maximum value of SAR (interpolated) = 1.43 mW/g

Prepared (also subject responsible if other)	No.	
SEM/CV/PF/P Gerard Hayes and Rodney Dixon	REP 2007 003 Z750i 02	
Approved / Checked		
SEM/CV/PF/P Gerard Hayes	D	



0 dB = 1.43mW/g

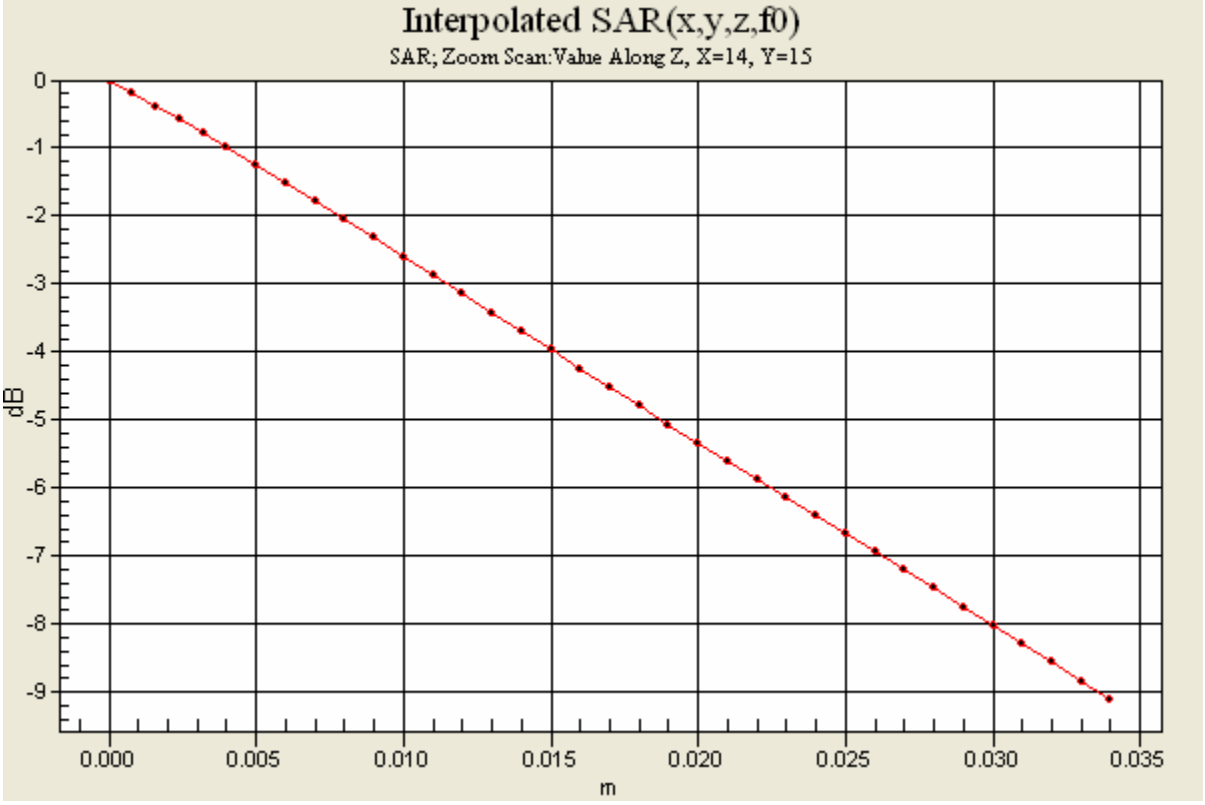


Exhibit 11

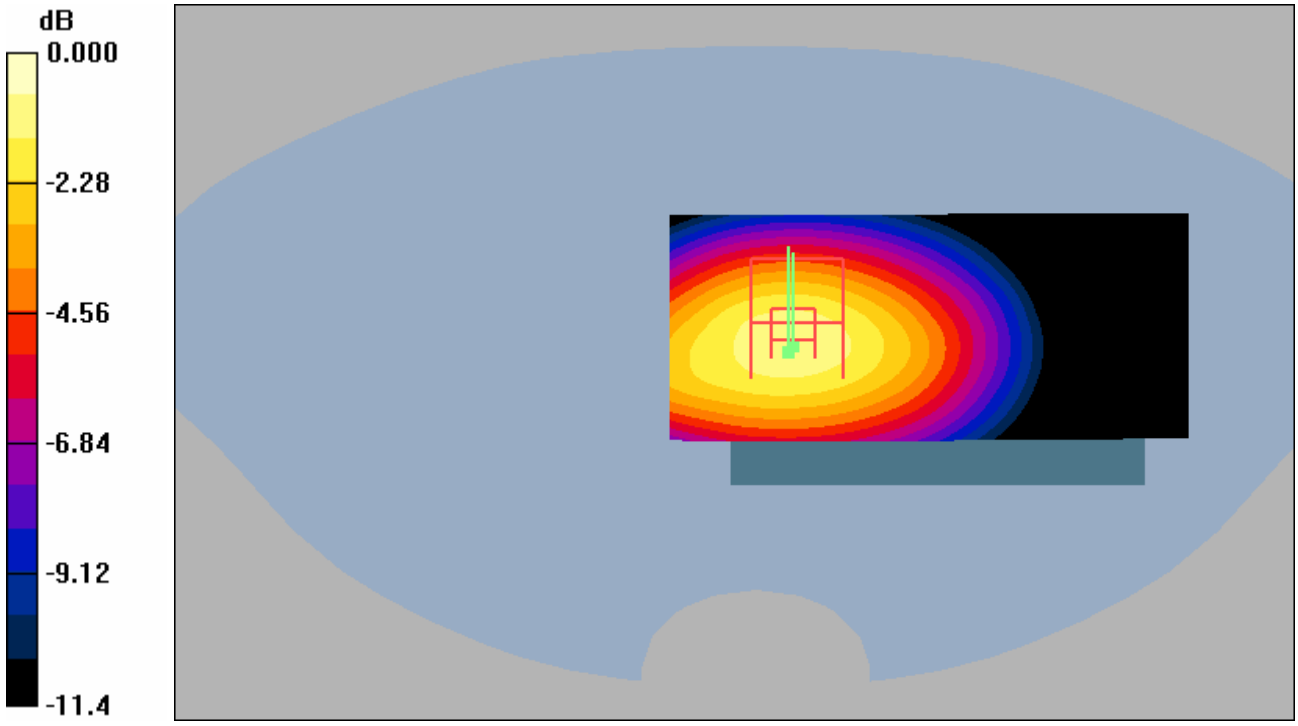
Prepared (also subject responsible if other)	No.	
SEM/CV/PF/P Gerard Hayes and Rodney Dixon	REP 2007 003 Z750i 02	
Approved / Checked		
SEM/CV/PF/P Gerard Hayes	D	

Distribution of maximum SAR in UMTS – HSDPA Mode Band V (850MHz). Measured with back of device facing the body using an ICE26 carry case. (Standard Battery, BST-33)

Date/Time: 8/13/2007 7:29:16 AM
File Name: 09Aug07_Z750_B5WCDMA_9CLJ_ICE26_PS_FCC_BB01.da4
DUT: Z750 body
Phantom: SAM with CRP (Low Band Body)Phantom section: Flat Section
Probe: ET3DV6 - SN1587ConvF(6.55, 6.55, 6.55)
Medium parameters used: f = 835 MHz; σ = 1.02 mho/m; ε_r = 53.6; ρ = 1000 kg/m^3
Measurement Standard: DASY4 (High Precision Assessment)
Program Notes: Battery - BST33 Humidity - 44.9 % Ambient Temp - 21.5 C Simulant Temp - 21.6 C
DASY4 Configuration:
- Probe: ET3DV6 - SN1587; ConvF(6.55, 6.55, 6.55); Calibrated: 5/23/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn392; Calibrated: 5/29/2007
- Phantom: SAM with CRP (Low Band Body); Type: SAM; Serial: TP: 1031
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Unnamed procedure 2/Area Scan (51x81x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.01 mW/g
Unnamed procedure 2/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 31.8 V/m; Power Drift = -0.021 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.949 mW/g; SAR(10 g) = 0.670 mW/g
Maximum value of SAR (measured) = 1.01 mW/g
Unnamed procedure 2/Zoom Scan (31x31x36)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 31.8 V/m; Power Drift = -0.021 dB
Maximum value of SAR (interpolated) = 1.26 mW/g

Prepared (also subject responsible if other)	No.	
SEM/CV/PF/P Gerard Hayes and Rodney Dixon	REP 2007 003 Z750i 02	
Approved / Checked		
SEM/CV/PF/P Gerard Hayes	D	



0 dB = 1.26mW/g

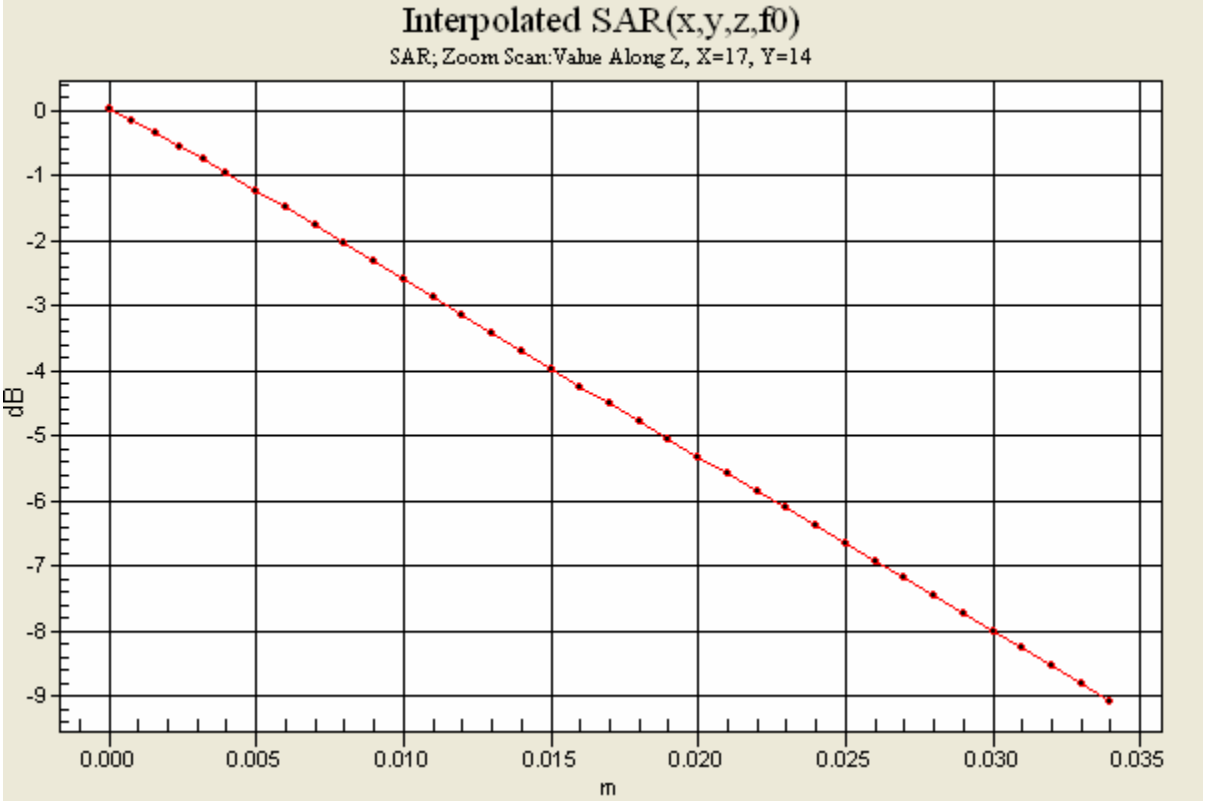


Exhibit 11

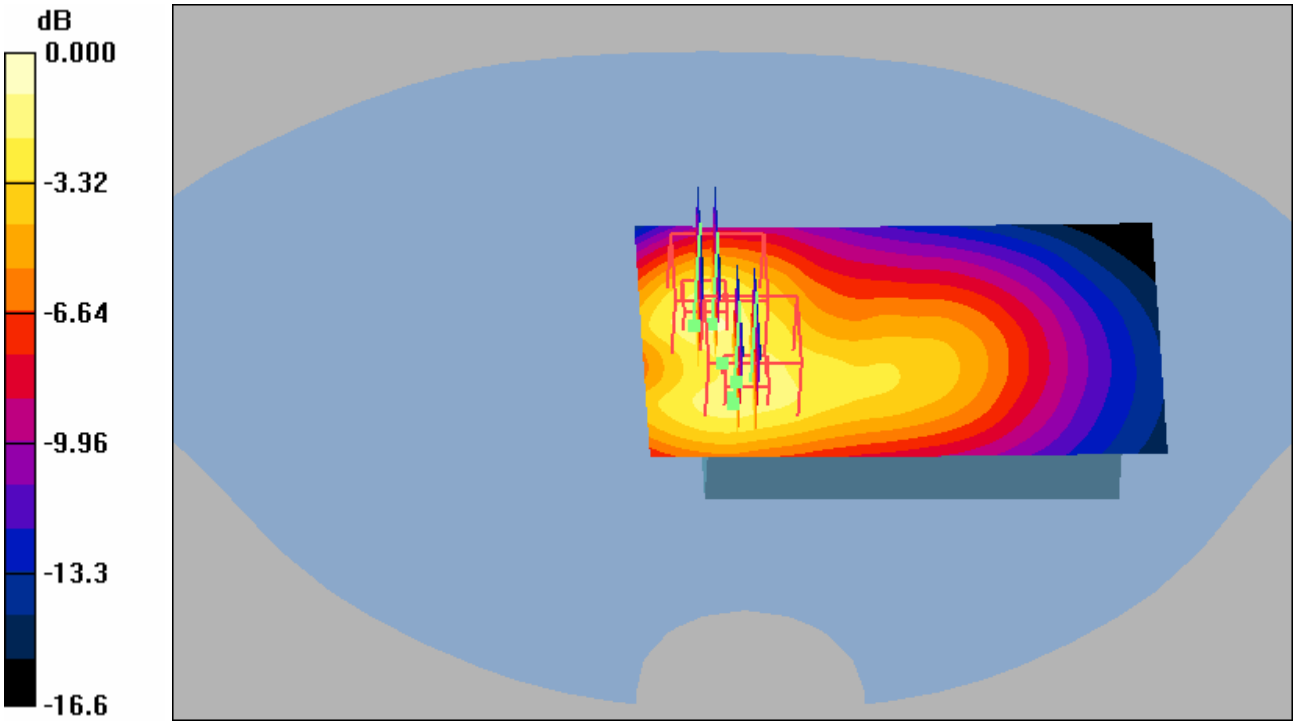
Prepared (also subject responsible if other)	No.	
SEM/CV/PF/P Gerard Hayes and Rodney Dixon	REP 2007 003 Z750i 02	
Approved / Checked		
SEM/CV/PF/P Gerard Hayes	D	

Distribution of maximum SAR in UMTS Band II (1900 MHz). Measured with back of device facing the body using a 15mm spacer. (Standard Battery, BST-33)

Date/Time: 8/7/2007 8:34:40 AM
File Name: 07Aug07_Z750_B2WCDMA_9CLG_15mm_BB01.da4
DUT: Z750 body
Phantom: SAM with CRP (High Band Body)Phantom section: Flat Section
Probe: ET3DV6 - SN1587ConvF(4.76, 4.76, 4.76)
Medium parameters used (interpolated): f = 1852.6 MHz; σ = 1.5 mho/m; ε_r = 51.4; ρ = 1000 kg/m^3
Measurement Standard: DASY4 (High Precision Assessment)
Program Notes: Battery - BST33 Humidity - 44.9 % Ambient Temp - 21.5 C Simulant Temp - 21.6 C
DASY4 Configuration:
- Probe: ET3DV6 - SN1587; ConvF(4.76, 4.76, 4.76); Calibrated: 5/23/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn392; Calibrated: 5/29/2007
- Phantom: SAM with CRP (High Band Body); Type: SAM; Serial: TP: 1020
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Unnamed procedure/Area Scan (51x81x1):
Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.823 mW/g
Unnamed procedure/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.7 V/m; Power Drift = -0.026 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.723 mW/g; SAR(10 g) = 0.420 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.777 mW/g
Unnamed procedure/Zoom Scan (7x7x7)/Cube 1:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.7 V/m; Power Drift = -0.026 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.677 mW/g; SAR(10 g) = 0.420 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.733 mW/g
Unnamed procedure/Zoom Scan (31x31x36)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.7 V/m; Power Drift = -0.026 dB
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.19 mW/g
Unnamed procedure/Zoom Scan (31x31x36)/Cube 1:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.7 V/m; Power Drift = -0.026 dB
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.02 mW/g

Prepared (also subject responsible if other)	No.	
SEM/CV/PF/P Gerard Hayes and Rodney Dixon	REP 2007 003 Z750i 02	
Approved / Checked		
SEM/CV/PF/P Gerard Hayes	D	



0 dB = 1.02mW/g

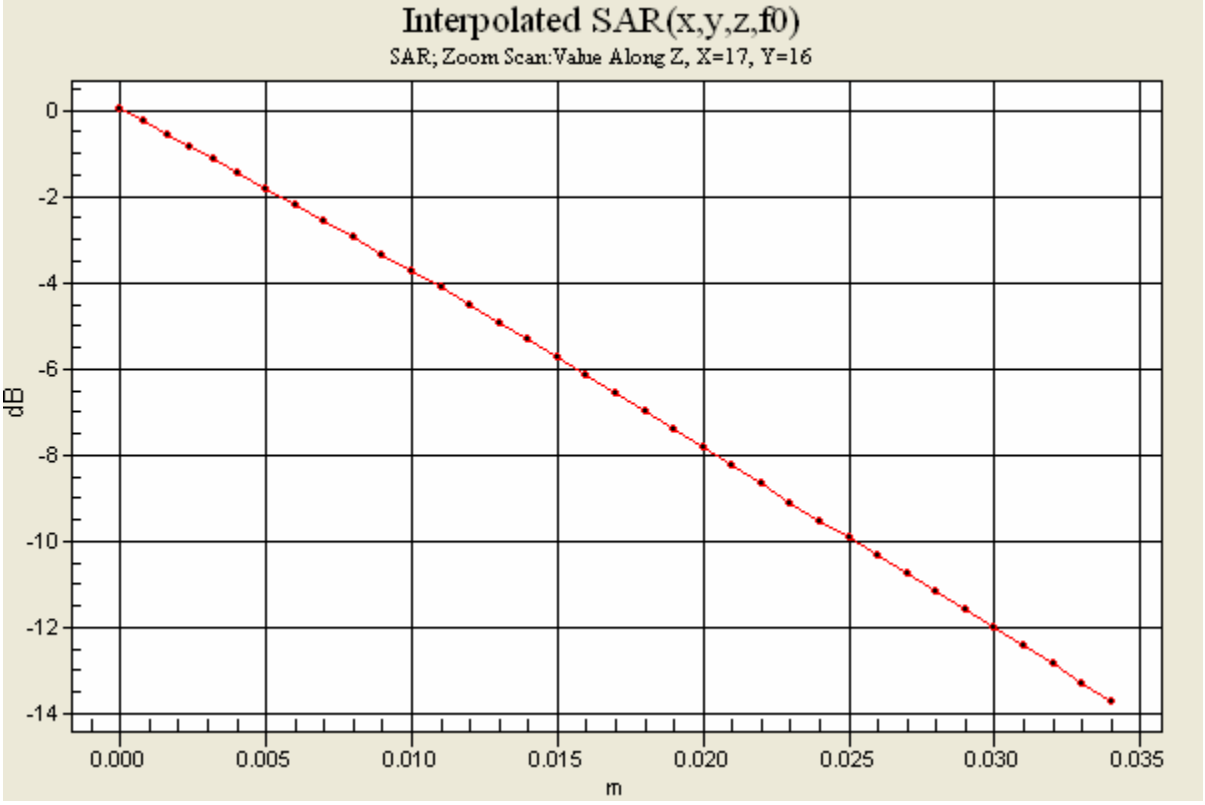


Exhibit 11

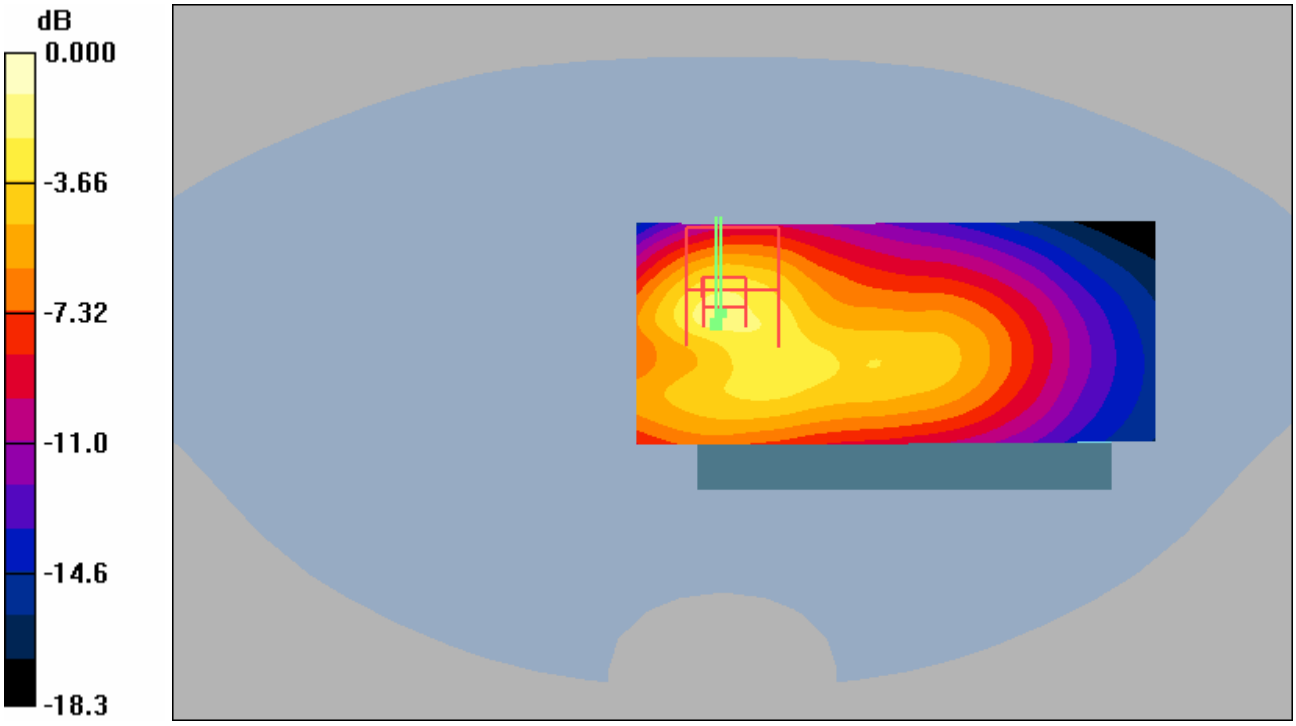
Prepared (also subject responsible if other)	No.	
SEM/CV/PF/P Gerard Hayes and Rodney Dixon	REP 2007 003 Z750i 02	
Approved / Checked		
SEM/CV/PF/P Gerard Hayes	D	

Distribution of maximum SAR in UMTS Band II (1900 MHz). Measured with back of device facing the body using an ICE26 carry case. (Standard Battery, BST-33)

Date/Time: 8/8/2007 9:20:46 AM
File Name: 08Aug07_Z750_B2WCDMA_9CLG_ICE26_BB01.da4
DUT: Z750 body
Phantom: SAM with CRP (High Band Body)Phantom section: Flat Section
Probe: ET3DV6 - SN1587ConvF(4.76, 4.76, 4.76)
Medium parameters used (interpolated): f = 1907.4 MHz; σ = 1.56 mho/m; ε_r = 51.4; ρ = 1000 kg/m^3
Measurement Standard: DASY4 (High Precision Assessment)
Program Notes: Battery - BST33 Humidity - 45.1 % Ambient Temp - 21.7 C Simulant Temp - 21.8 C
DASY4 Configuration:
- Probe: ET3DV6 - SN1587; ConvF(4.76, 4.76, 4.76); Calibrated: 5/23/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn392; Calibrated: 5/29/2007
- Phantom: SAM with CRP (High Band Body); Type: SAM; Serial: TP: 1020
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Unnamed procedure 3/Area Scan (51x81x1):
Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.689 mW/g
Unnamed procedure 3/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.1 V/m; Power Drift = 0.003 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.610 mW/g; SAR(10 g) = 0.355 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.666 mW/g
Unnamed procedure 3/Zoom Scan (31x31x36)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.1 V/m; Power Drift = 0.003 dB
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.02 mW/g

Prepared (also subject responsible if other)	No.	
SEM/CV/PF/P Gerard Hayes and Rodney Dixon	REP 2007 003 Z750i 02	
Approved / Checked		
SEM/CV/PF/P Gerard Hayes	D	



0 dB = 1.02mW/g

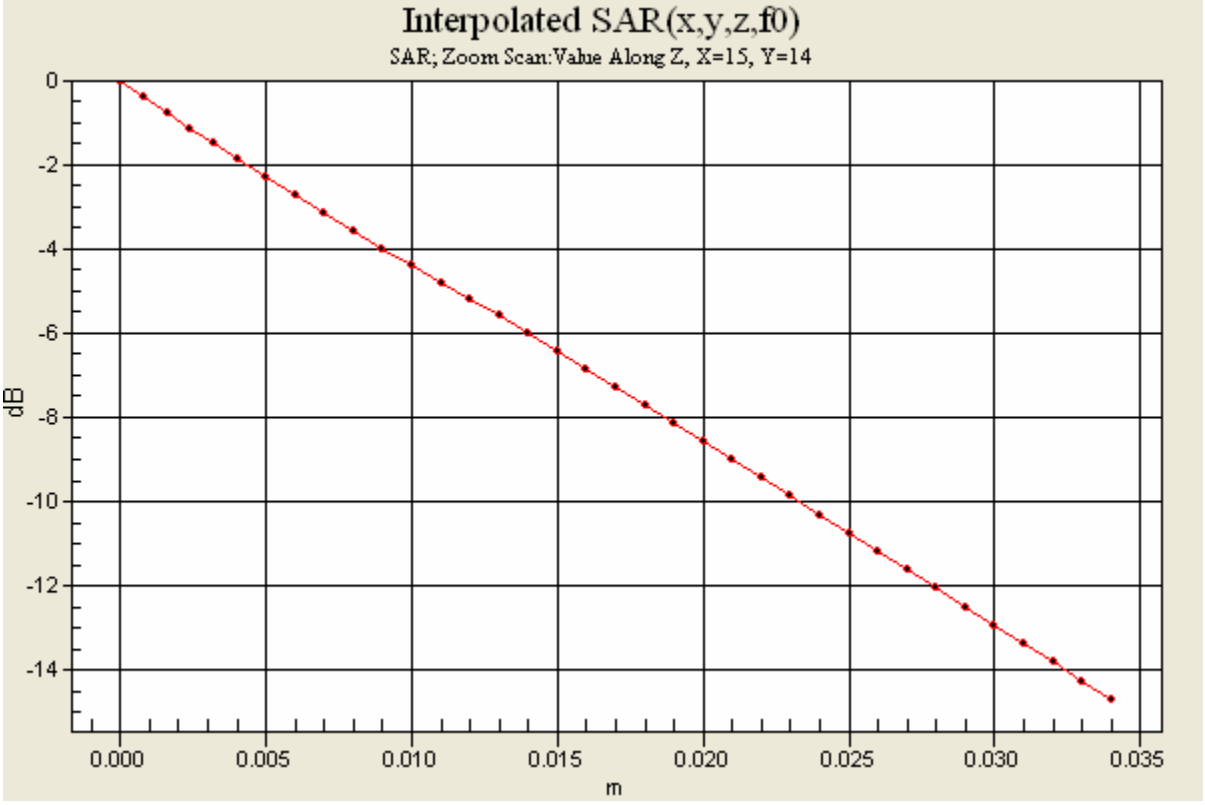


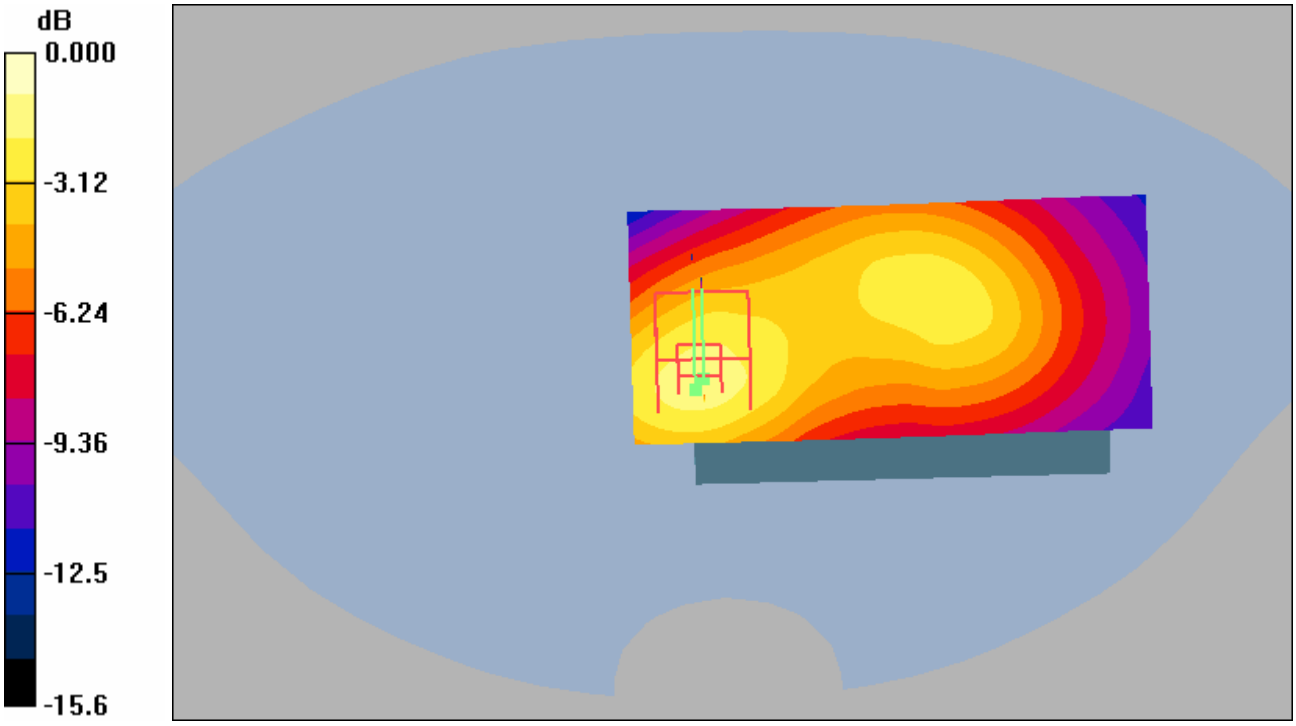
Exhibit 11

Prepared (also subject responsible if other)	No.	
SEM/CV/PF/P Gerard Hayes and Rodney Dixon	REP 2007 003 Z750i 02	
Approved / Checked		
SEM/CV/PF/P Gerard Hayes	D	

Distribution of maximum SAR in UMTS Band II (1900 MHz). Measured with front of device facing the body using a 15mm spacer. (Standard Battery, BST-33)

Date/Time: 8/7/2007 11:39:45 AM
File Name: 07Aug07_Z750_B2WCDMA_9CLG_15mm_BF01.da4
DUT: Z750 body
Phantom: SAM with CRP (High Band Body)Phantom section: Flat Section
Probe: ET3DV6 - SN1587ConvF(4.76, 4.76, 4.76)
Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 51.3; ρ = 1000 kg/m^3
Measurement Standard: DASY4 (High Precision Assessment)
Program Notes: Battery - BST33 Humidity - 45.9 % Ambient Temp - 22.1 C Simulant Temp - 21.7 C
DASY4 Configuration:
- Probe: ET3DV6 - SN1587; ConvF(4.76, 4.76, 4.76); Calibrated: 5/23/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn392; Calibrated: 5/29/2007
- Phantom: SAM with CRP (High Band Body); Type: SAM; Serial: TP: 1020
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Unnamed procedure 2/Area Scan (51x81x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.230 mW/g
Unnamed procedure 2/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.5 V/m; Power Drift = -0.009 dB
Peak SAR (extrapolated) = 0.321 W/kg
SAR(1 g) = 0.212 mW/g; SAR(10 g) = 0.133 mW/g
Maximum value of SAR (measured) = 0.229 mW/g
Unnamed procedure 2/Zoom Scan (31x31x36)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.5 V/m; Power Drift = -0.009 dB
Maximum value of SAR (interpolated) = 0.321 mW/g



0 dB = 0.321mW/g

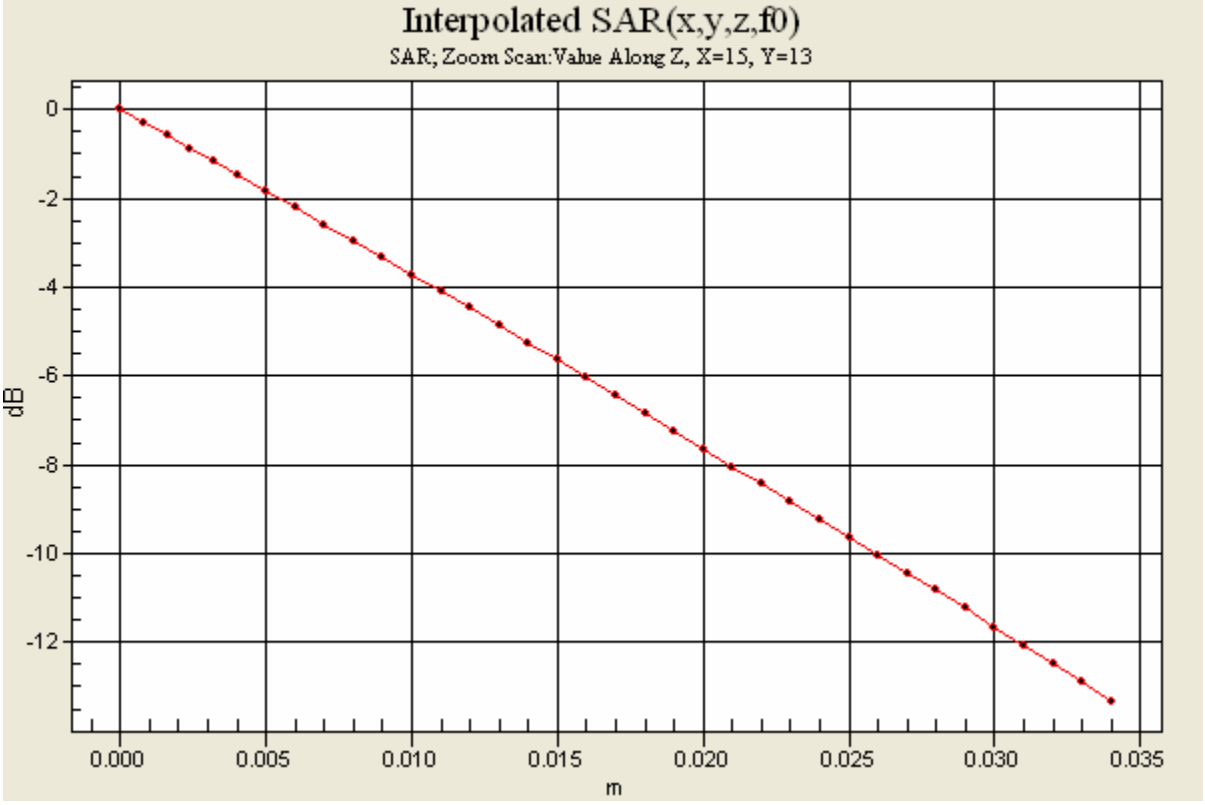


Exhibit 11

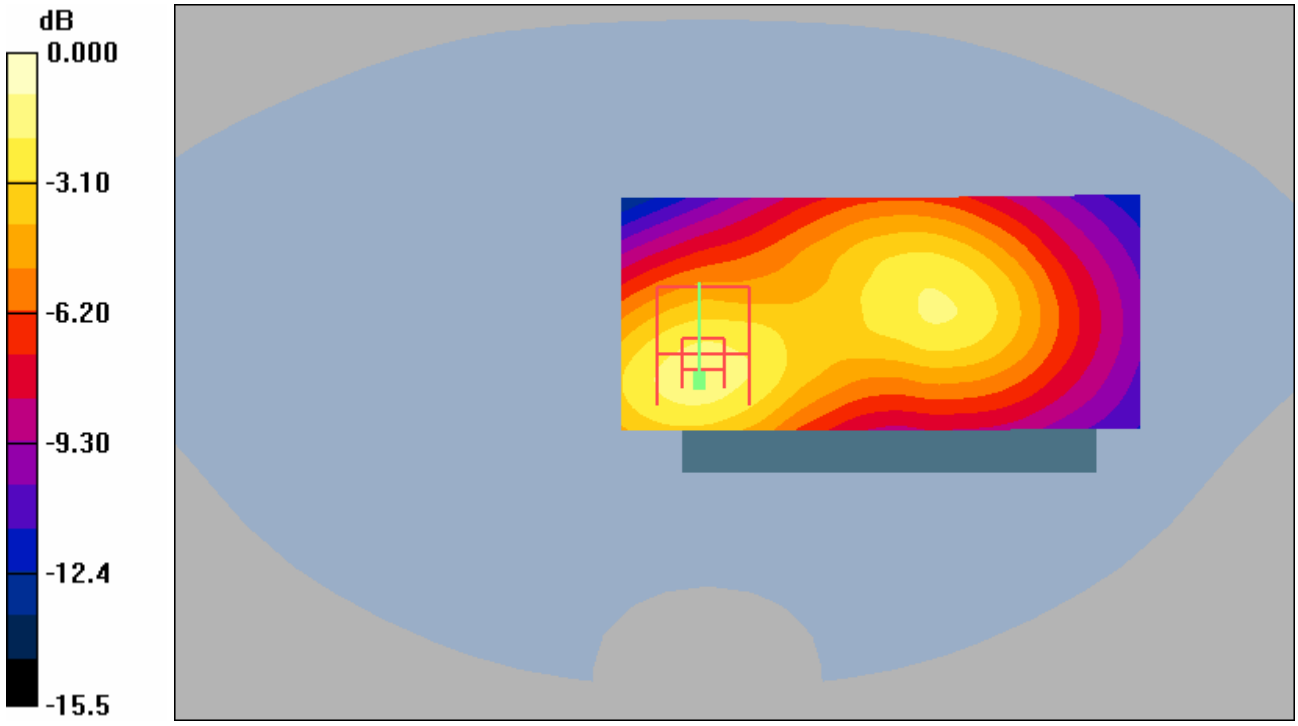
Prepared (also subject responsible if other)	No.	
SEM/CV/PF/P Gerard Hayes and Rodney Dixon	REP 2007 003 Z750i 02	
Approved / Checked		
SEM/CV/PF/P Gerard Hayes	D	

Distribution of maximum SAR in UMTS Band II (1900 MHz). Measured with front of device facing the body using an ICE26 carry case. (Standard Battery, BST-33)

Date/Time: 8/8/2007 9:47:59 AM
File Name: 08Aug07_Z750_B2WCDMA_9CLG_ICE26_BF01.da4
DUT: Z750 body
Phantom: SAM with CRP (High Band Body)Phantom section: Flat Section
Probe: ET3DV6 - SN1587ConvF(4.76, 4.76, 4.76)
Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Measurement Standard: DASY4 (High Precision Assessment)
Program Notes: Battery - BST33 Humidity - 45.1 % Ambient Temp - 21.7 C Simulant Temp - 21.8 C
DASY4 Configuration:
- Probe: ET3DV6 - SN1587; ConvF(4.76, 4.76, 4.76); Calibrated: 5/23/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn392; Calibrated: 5/29/2007
- Phantom: SAM with CRP (High Band Body); Type: SAM; Serial: TP: 1020
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Unnamed procedure 2/Area Scan (51x81x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.229 mW/g
Unnamed procedure 2/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.9 V/m; Power Drift = -0.029 dB
Peak SAR (extrapolated) = 0.319 W/kg
SAR(1 g) = 0.211 mW/g; SAR(10 g) = 0.133 mW/g
Maximum value of SAR (measured) = 0.229 mW/g
Unnamed procedure 2/Zoom Scan (31x31x36)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.9 V/m; Power Drift = -0.029 dB
Maximum value of SAR (interpolated) = 0.319 mW/g

Prepared (also subject responsible if other)	No.	
SEM/CV/PF/P Gerard Hayes and Rodney Dixon	REP 2007 003 Z750i 02	
Approved / Checked		
SEM/CV/PF/P Gerard Hayes	D	



0 dB = 0.319mW/g

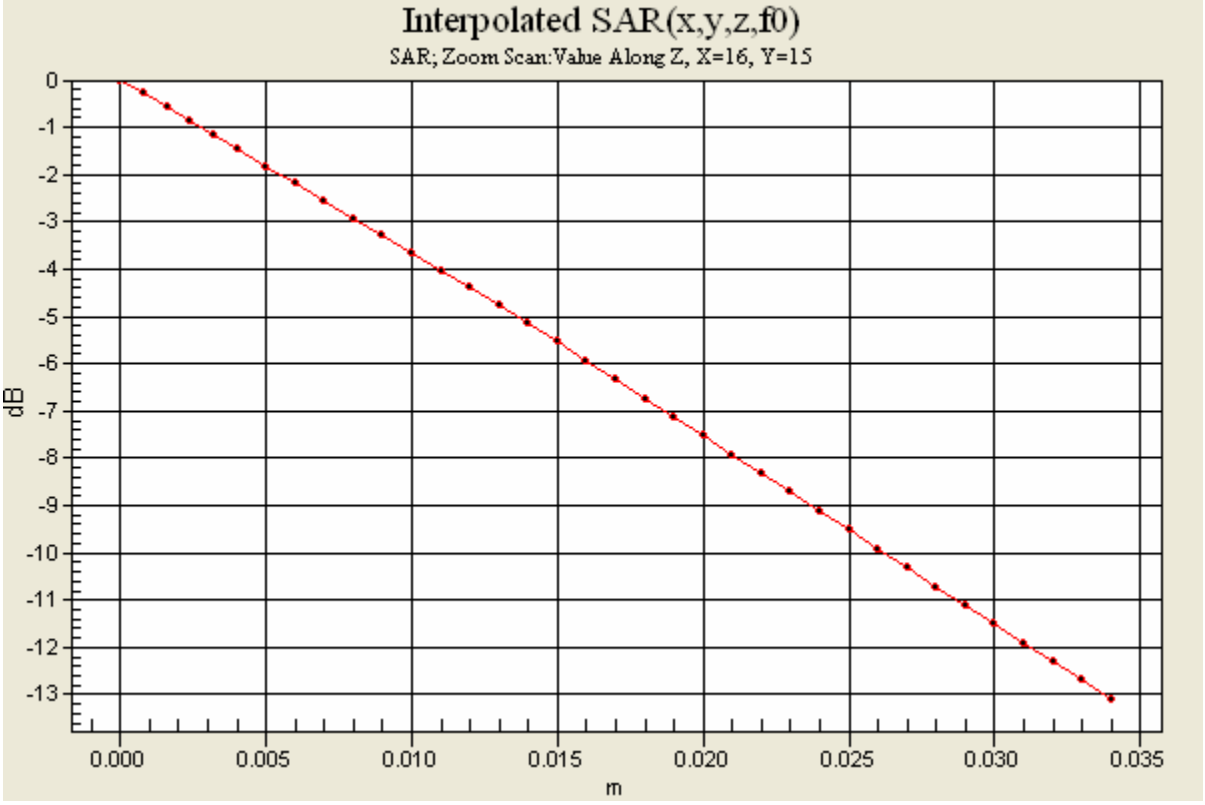


Exhibit 11

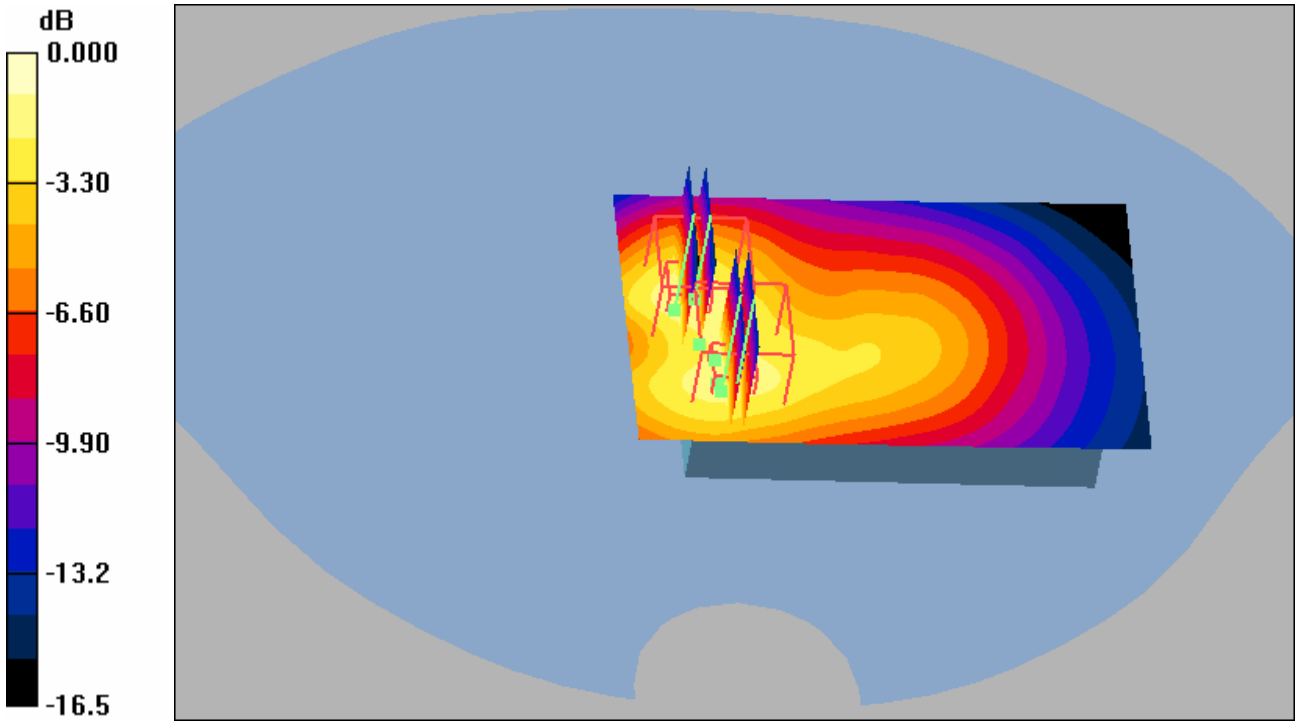
Prepared (also subject responsible if other)	No.	
SEM/CV/PF/P Gerard Hayes and Rodney Dixon	REP 2007 003 Z750i 02	
Approved / Checked		
SEM/CV/PF/P Gerard Hayes	D	

Distribution of maximum SAR in UMTS Band II (1900 MHz). Measured with back of device facing the body using a 15mm spacer with Blue Tooth. (Standard Battery BST-33)

Date/Time: 8/8/2007 1:55:35 PM
File Name: 08Aug07_Z750_B2WCDMA_9CLG_15mm_BT_BB01.da4
DUT: Z750 body
Phantom: SAM with CRP (High Band Body)Phantom section: Flat Section
Probe: ET3DV6 - SN1587ConvF(4.76, 4.76, 4.76)
Medium parameters used (interpolated): f = 1852.6 MHz; σ = 1.5 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Measurement Standard: DASY4 (High Precision Assessment)
Program Notes: Battery - BST33 Humidity - 45.1 % Ambient Temp - 21.7 C Simulant Temp - 21.8 C
DASY4 Configuration:
- Probe: ET3DV6 - SN1587; ConvF(4.76, 4.76, 4.76); Calibrated: 5/23/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn392; Calibrated: 5/29/2007
- Phantom: SAM with CRP (High Band Body); Type: SAM; Serial: TP: 1020
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Unnamed procedure/Area Scan (51x81x1):
Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.721 mW/g
Unnamed procedure/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.8 V/m; Power Drift = 0.052 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.638 mW/g; SAR(10 g) = 0.370 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.697 mW/g
Unnamed procedure/Zoom Scan (7x7x7)/Cube 1:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.8 V/m; Power Drift = 0.052 dB
Peak SAR (extrapolated) = 0.901 W/kg
SAR(1 g) = 0.595 mW/g; SAR(10 g) = 0.370 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.643 mW/g
Unnamed procedure/Zoom Scan (31x31x36)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.8 V/m; Power Drift = 0.052 dB
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.05 mW/g
Unnamed procedure/Zoom Scan (31x31x36)/Cube 1:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.8 V/m; Power Drift = 0.052 dB
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.901 mW/g

Prepared (also subject responsible if other)	No.	
SEM/CV/PF/P Gerard Hayes and Rodney Dixon	REP 2007 003 Z750i 02	
Approved / Checked		
SEM/CV/PF/P Gerard Hayes	D	



0 dB = 0.901mW/g

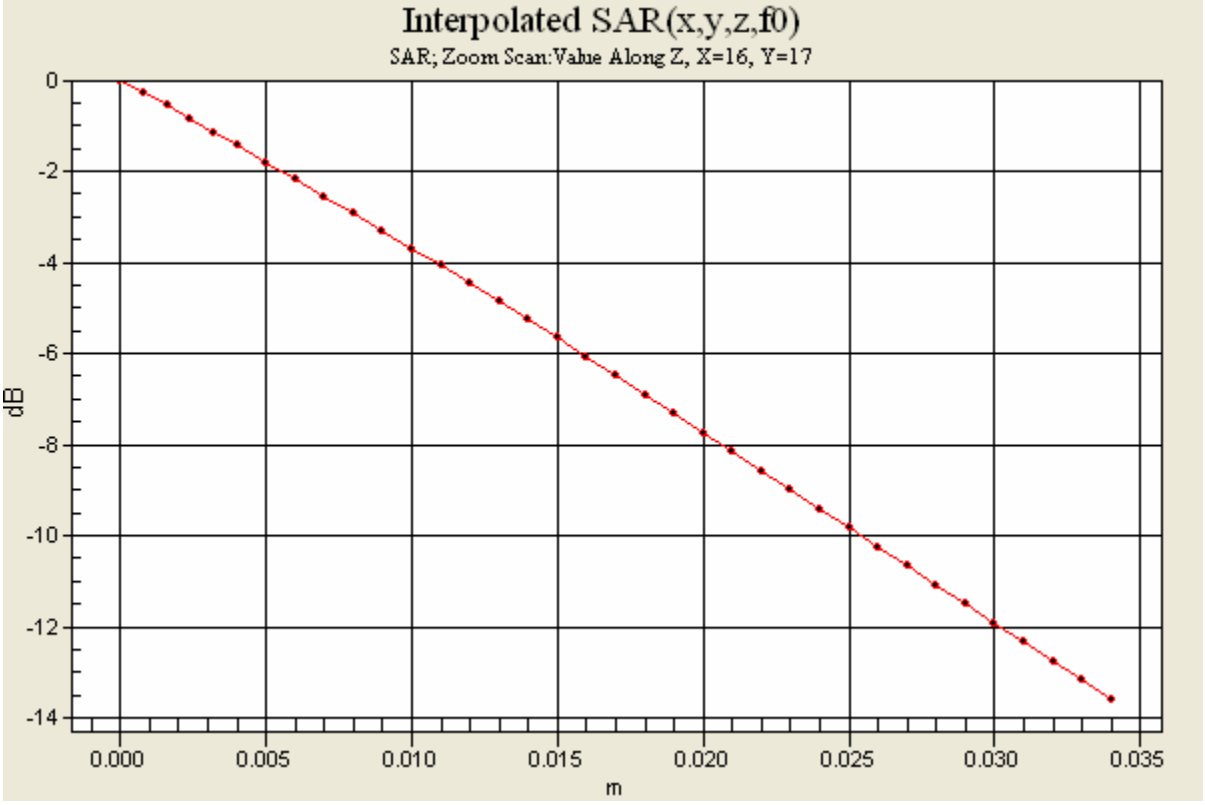


Exhibit 11

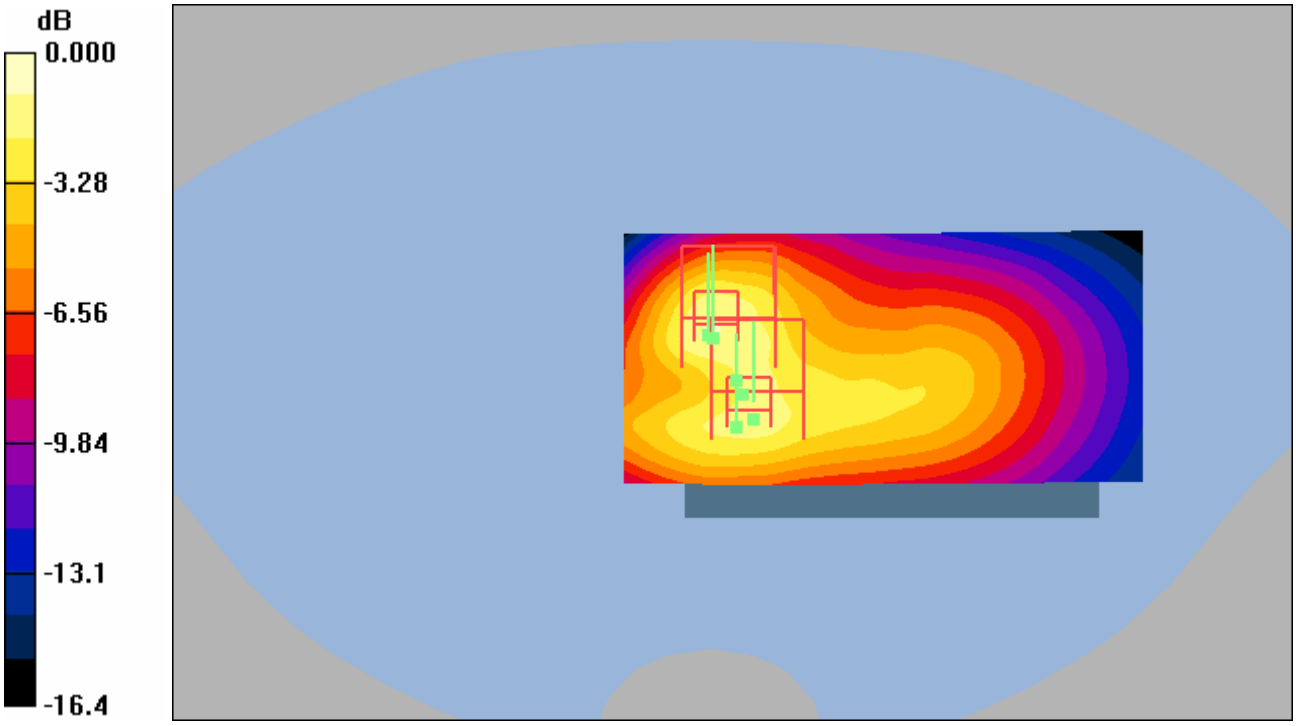
Prepared (also subject responsible if other)	No.	
SEM/CV/PF/P Gerard Hayes and Rodney Dixon	REP 2007 003 Z750i 02	
Approved / Checked		
SEM/CV/PF/P Gerard Hayes	D	

Distribution of maximum SAR in UMTS – HSDPA Mode Band II (1900 MHz). Measured with back of device facing the body using a 15mm spacer with Blue Tooth. (Standard Battery BST-33)

Date/Time: 8/8/2007 3:31:21 PM
File Name: 08Aug07_Z750_B2WCDMA_9CLG_15mm_FCC_PS_BB01.da4
DUT: Z750 body
Phantom: SAM with CRP (High Band Body)Phantom section: Flat Section
Probe: ET3DV6 - SN1587ConvF(4.76, 4.76, 4.76)
Medium parameters used (interpolated): f = 1852.6 MHz; σ = 1.5 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Measurement Standard: DASY4 (High Precision Assessment)
Program Notes: Battery - BST33 Humidity - 45.1 % Ambient Temp - 21.7 C Simulant Temp - 21.8 C
DASY4 Configuration:
- Probe: ET3DV6 - SN1587; ConvF(4.76, 4.76, 4.76); Calibrated: 5/23/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn392; Calibrated: 5/29/2007
- Phantom: SAM with CRP (High Band Body); Type: SAM; Serial: TP: 1020
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Unnamed procedure/Area Scan (51x81x1):
Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.610 mW/g
Unnamed procedure/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.2 V/m; Power Drift = 0.030 dB
Peak SAR (extrapolated) = 0.919 W/kg
SAR(1 g) = 0.552 mW/g; SAR(10 g) = 0.316 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.595 mW/g
Unnamed procedure/Zoom Scan (7x7x7)/Cube 1:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.2 V/m; Power Drift = 0.030 dB
Peak SAR (extrapolated) = 0.761 W/kg
SAR(1 g) = 0.500 mW/g; SAR(10 g) = 0.310 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.539 mW/g
Unnamed procedure/Zoom Scan (31x31x36)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.2 V/m; Power Drift = 0.030 dB
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.919 mW/g
Unnamed procedure/Zoom Scan (31x31x36)/Cube 1:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.2 V/m; Power Drift = 0.030 dB
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.761 mW/g

Prepared (also subject responsible if other)	No.	
SEM/CV/PF/P Gerard Hayes and Rodney Dixon	REP 2007 003 Z750i 02	
Approved / Checked		
SEM/CV/PF/P Gerard Hayes	D	



0 dB = 0.761mW/g

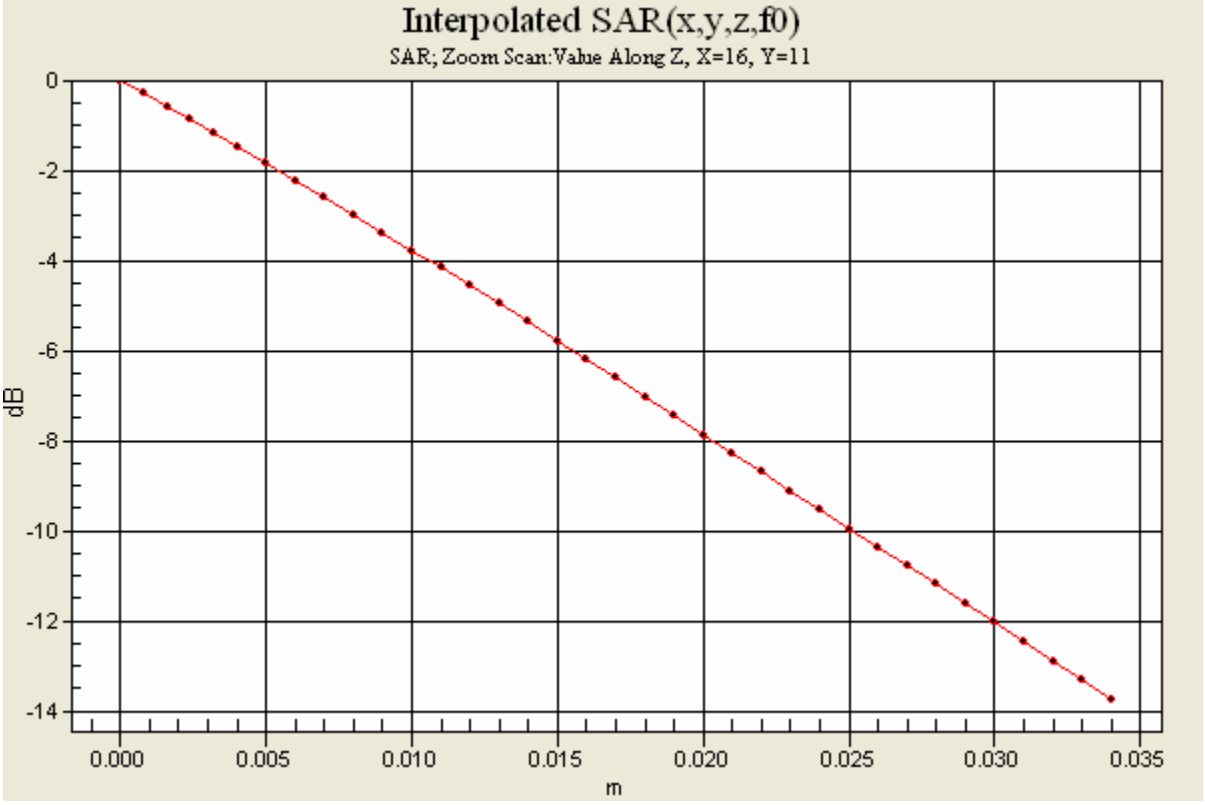


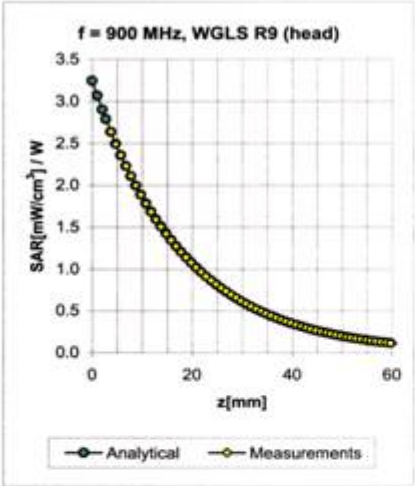
Exhibit 11

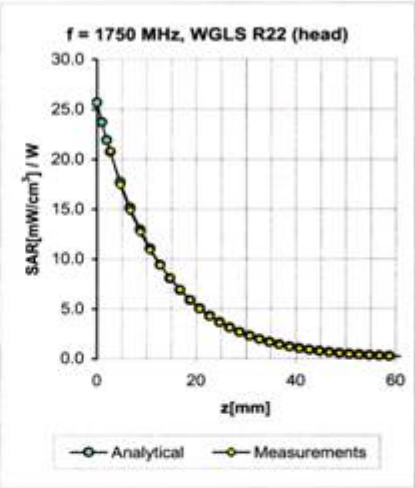
Appendix 4

Probe Calibration Certificates

ET3DV6 SN:1538 **May 23, 2007**

Conversion Factor Assessment





f [MHz]	Validity [MHz][C]	TSL	Permittivity	Conductivity	Alpha	Depth	ConvF Uncertainty
835	± 50 / ± 100	Head	41.5 ± 5%	0.90 ± 5%	0.75	1.70	6.36 ± 11.0% (k=2)
900	± 50 / ± 100	Head	41.5 ± 5%	0.97 ± 5%	0.67	1.78	6.12 ± 11.0% (k=2)
1750	± 50 / ± 100	Head	40.1 ± 5%	1.37 ± 5%	0.61	2.42	5.04 ± 11.0% (k=2)
1900	± 50 / ± 100	Head	40.0 ± 5%	1.40 ± 5%	0.59	2.54	4.89 ± 11.0% (k=2)
2450	± 50 / ± 100	Head	39.2 ± 5%	1.80 ± 5%	0.89	1.79	4.41 ± 11.8% (k=2)
835	± 50 / ± 100	Body	55.2 ± 5%	0.97 ± 5%	0.70	1.83	6.20 ± 11.0% (k=2)
900	± 50 / ± 100	Body	55.0 ± 5%	1.05 ± 5%	0.64	1.94	5.83 ± 11.0% (k=2)
1750	± 50 / ± 100	Body	53.4 ± 5%	1.49 ± 5%	0.70	2.38	4.90 ± 11.0% (k=2)
1900	± 50 / ± 100	Body	53.3 ± 5%	1.52 ± 5%	0.84	2.14	4.67 ± 11.0% (k=2)
2450	± 50 / ± 100	Body	52.7 ± 5%	1.95 ± 5%	0.85	1.86	4.18 ± 11.8% (k=2)

[C] The validity of ± 100 MHz only applies for DASY v4.4 and higher (see Page 2). The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band.

ET3DV6 SN:1538 **May 23, 2007**

DASY - Parameters of Probe: ET3DV6 SN:1538

Sensitivity in Free Space[A] Diode Compression[B]

NormX	**1.30** ± 10.1%	$\mu V/(V/m)^2$	DCP X	**93** mV
NormY	**1.27** ± 10.1%	$\mu V/(V/m)^2$	DCP Y	**83** mV
NormZ	**1.36** ± 10.1%	$\mu V/(V/m)^2$	DCP Z	**95** mV

Sensitivity in Tissue Simulating Liquid (Conversion Factors)

Please see Page 8.

Boundary Effect

TSL **900 MHz** **Typical SAR gradient: 5 % per mm**

Sensor Center to Phantom Surface Distance		**3.7 mm**	**4.7 mm**
SAR_{be} [%]	Without Correction Algorithm	9.9	4.9
SAR_{be} [%]	With Correction Algorithm	0.1	0.3

TSL **1750 MHz** **Typical SAR gradient: 10 % per mm**

Sensor Center to Phantom Surface Distance		**3.7 mm**	**4.7 mm**
SAR_{be} [%]	Without Correction Algorithm	13.9	8.9
SAR_{be} [%]	With Correction Algorithm	0.8	0.0

Sensor Offset

Probe Tip to Sensor Center	**2.7** mm

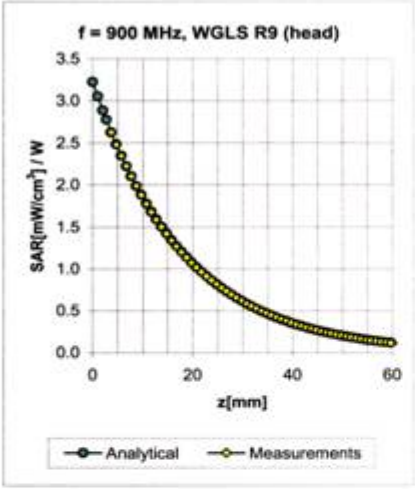
The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

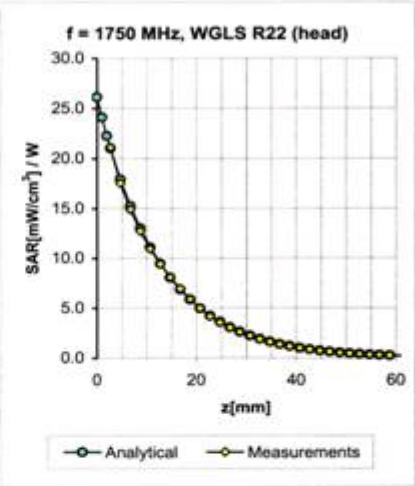
[A] The uncertainties of NormX,Y,Z do not affect the E^2-field uncertainty inside TSL (see Page 8).

[B] Numerical linearization parameter: uncertainty not required.

ET3DV6 SN:1586 **May 23, 2007**

Conversion Factor Assessment





f [MHz]	Validity [MHz][C]	TSL	Permittivity	Conductivity	Alpha	Depth	ConvF	Uncertainty
835	± 50 / ± 100	Head	41.5 ± 5%	0.90 ± 5%	0.65	1.70	6.63	± 11.0% (k=2)
900	± 50 / ± 100	Head	41.5 ± 5%	0.97 ± 5%	0.54	1.88	6.29	± 11.0% (k=2)
1750	± 50 / ± 100	Head	40.1 ± 5%	1.37 ± 5%	0.57	2.58	5.39	± 11.0% (k=2)
1900	± 50 / ± 100	Head	40.0 ± 5%	1.40 ± 5%	0.51	2.89	5.17	± 11.0% (k=2)
2450	± 50 / ± 100	Head	39.2 ± 5%	1.80 ± 5%	0.68	2.11	4.77	± 11.8% (k=2)
835	± 50 / ± 100	Body	55.2 ± 5%	0.97 ± 5%	0.51	1.98	6.43	± 11.0% (k=2)
900	± 50 / ± 100	Body	55.0 ± 5%	1.05 ± 5%	0.47	2.13	6.03	± 11.0% (k=2)
1750	± 50 / ± 100	Body	53.4 ± 5%	1.49 ± 5%	0.76	2.27	5.04	± 11.0% (k=2)
1900	± 50 / ± 100	Body	53.3 ± 5%	1.52 ± 5%	0.91	2.03	4.80	± 11.0% (k=2)
2450	± 50 / ± 100	Body	52.7 ± 5%	1.95 ± 5%	0.74	2.03	4.11	± 11.8% (k=2)

[C] The validity of ± 100 MHz only applies for DASY v4.4 and higher (see Page 2). The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band.

ET3DV6 SN:1586 **May 23, 2007**

DASY - Parameters of Probe: ET3DV6 SN:1586

Sensitivity in Free Space[A] Diode Compression[B]

NormX	**1.86** ± 10.1%	$\mu V/(V/m)^2$	DCP X	**96** mV
NormY	**1.90** ± 10.1%	$\mu V/(V/m)^2$	DCP Y	**93** mV
NormZ	**1.88** ± 10.1%	$\mu V/(V/m)^2$	DCP Z	**95** mV

Sensitivity in Tissue Simulating Liquid (Conversion Factors)

Please see Page 8.

Boundary Effect

TSL **900 MHz** **Typical SAR gradient: 5 % per mm**

Sensor Center to Phantom Surface Distance		**3.7 mm**	**4.7 mm**
SAR_{be} [%]	Without Correction Algorithm	8.2	4.4
SAR_{be} [%]	With Correction Algorithm	0.1	0.2

TSL **1750 MHz** **Typical SAR gradient: 10 % per mm**

Sensor Center to Phantom Surface Distance		**3.7 mm**	**4.7 mm**
SAR_{be} [%]	Without Correction Algorithm	12.2	8.2
SAR_{be} [%]	With Correction Algorithm	0.8	0.1

Sensor Offset

Probe Tip to Sensor Center	**2.7** mm

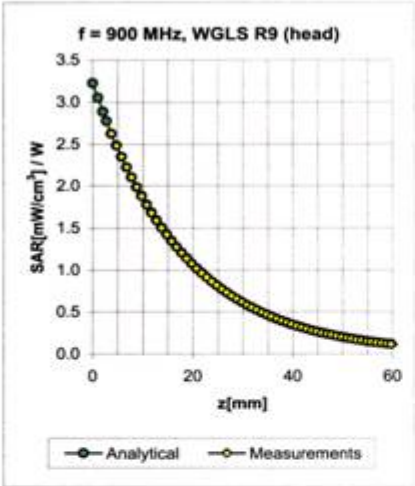
The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

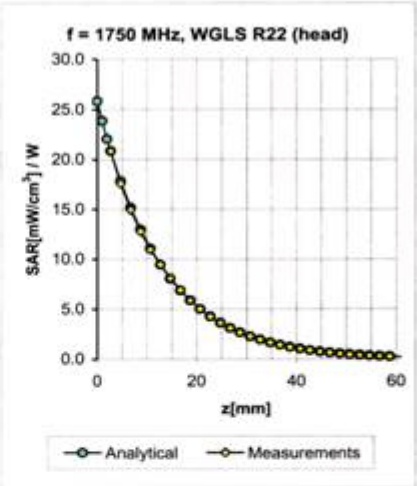
[A] The uncertainties of NormX,Y,Z do not affect the E^2-field uncertainty inside TSL (see Page 8).

[B] Numerical linearization parameter: uncertainty not required.

ET3DV6 SN:1587 **May 23, 2007**

Conversion Factor Assessment





f [MHz]	Validity [MHz][C]	TSL	Permittivity	Conductivity	Alpha	Depth	ConvF Uncertainty
835	± 50 / ± 100	Head	41.5 ± 5%	0.90 ± 5%	0.59	1.77	6.71 ± 11.0% (k=2)
900	± 50 / ± 100	Head	41.5 ± 5%	0.97 ± 5%	0.57	1.78	6.44 ± 11.0% (k=2)
1750	± 50 / ± 100	Head	40.1 ± 5%	1.37 ± 5%	0.49	2.62	5.25 ± 11.0% (k=2)
1900	± 50 / ± 100	Head	40.0 ± 5%	1.40 ± 5%	0.46	2.86	5.04 ± 11.0% (k=2)
2450	± 50 / ± 100	Head	39.2 ± 5%	1.80 ± 5%	0.61	2.03	4.59 ± 11.8% (k=2)
835	± 50 / ± 100	Body	55.2 ± 5%	0.97 ± 5%	0.49	2.00	6.55 ± 11.0% (k=2)
900	± 50 / ± 100	Body	55.0 ± 5%	1.05 ± 5%	0.47	2.09	6.16 ± 11.0% (k=2)
1750	± 50 / ± 100	Body	53.4 ± 5%	1.49 ± 5%	0.61	2.47	5.01 ± 11.0% (k=2)
1900	± 50 / ± 100	Body	53.3 ± 5%	1.52 ± 5%	0.70	2.30	4.76 ± 11.0% (k=2)
2450	± 50 / ± 100	Body	52.7 ± 5%	1.95 ± 5%	0.54	2.38	4.09 ± 11.8% (k=2)

[C] The validity of ± 100 MHz only applies for DASY v4.4 and higher (see Page 2). The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band.

ET3DV6 SN:1587 **May 23, 2007**

DASY - Parameters of Probe: ET3DV6 SN:1587

Sensitivity in Free Space[A] Diode Compression[B]

NormX	**2.09** ± 10.1%	$\mu V/(V/m)^2$	DCP X	**92** mV
NormY	**1.88** ± 10.1%	$\mu V/(V/m)^2$	DCP Y	**100** mV
NormZ	**1.79** ± 10.1%	$\mu V/(V/m)^2$	DCP Z	**95** mV

Sensitivity in Tissue Simulating Liquid (Conversion Factors)

Please see Page 8.

Boundary Effect

TSL **900 MHz** **Typical SAR gradient: 5 % per mm**

Sensor Center to Phantom Surface Distance		**3.7 mm**	**4.7 mm**
SAR_{be} [%]	Without Correction Algorithm	7.8	4.1
SAR_{be} [%]	With Correction Algorithm	0.0	0.2

TSL **1750 MHz** **Typical SAR gradient: 10 % per mm**

Sensor Center to Phantom Surface Distance		**3.7 mm**	**4.7 mm**
SAR_{be} [%]	Without Correction Algorithm	12.4	8.5
SAR_{be} [%]	With Correction Algorithm	0.5	0.1

Sensor Offset

Probe Tip to Sensor Center	**2.7** mm

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

[A] The uncertainties of NormX,Y,Z do not affect the E^2-field uncertainty inside TSL (see Page 8).

[B] Numerical linearization parameter: uncertainty not required.

Appendix 5

Measurement Uncertainty Budget

Table 1. Uncertainty Budget for System Performance Check (Dipole & flat phantom) DASY4 System

a	*b*	*c*	*d*	*e = f(d,k)*	*f*	*g*	*h = c x f / e*	*i = c x g / e*	*k*
Uncertainty Component	**Sec.**	**Tol. (± %)**	**Prob. Dist.**	**Div.**	**c_i (1-g)**	**c_i (10-g)**	**1-g u_i (±%)**	**10-g u_i (±%)**	**v_i**
Measurement System									
Probe Calibration (*k*=1)	E2.1	4.7	R	1.73	0.707	0.707	1.9	1.9	∞
Axial Isotropy	E.2.2	9.6	R	1.73	0.707	0.707	3.9	3.9	∞
Hemispherical Isotropy	E.2.2	1.0	R	1.73	1	1	0.6	0.6	∞
Boundary Effect	E.2.3	4.7	R	1.73	1	1	2.7	2.7	∞
Linearity	E.2.4	1.0	R	1.73	1	1	0.6	0.6	∞
System Detection Limits	E.2.5	1.0	N	1	1	1	1.0	1.0	∞
Readout Electronics	E.2.6	0.8	R	1.73	1	1	0.5	0.5	∞
Response Time	E.2.7	2.6	R	1.73	1	1	1.5	1.5	∞
Integration Time	E.2.8	4.7	R	1.73	0.707	0.707	1.9	1.9	∞
RF Ambient Conditions	E.6.1	3.0	R	1.73	1	1	1.7	1.7	∞
Probe Positioner Mechanical Tolerance(corresponds to the mechanical constrains of the robot)	E.6.2	0.4	R	1.73	1	1	0.2	0.2	∞
Probe Positioning with respect to Phantom Shell	E.6.3	2.9	R	1.73	1	1	1.7	1.7	∞
Extrapolation, interpolation and Integration Algorithms for Max. SAR Evaluation	E.5	1.0	R	1.73	1	1	0.6	0.6	∞
Dipole									
Dipole Axis to Liquid Distance	8, E.4.2	1.0	R	1.73	1	1	0.6	0.6	∞
Input Power and SAR Drift Measurement	8, 6.6.2	5.0	R	1.73	1	1	2.9	2.9	∞
Phantom and Tissue Parameters									
Phantom Uncertainty - shell thickness tolerance	E.3.1	4.0	R	1.73	1	1	2.3	2.3	∞
Liquid Conductivity - deviation from target values (5)	E.3.2	4.3	R	1.73	0.64	0.43	1.59	1.07	∞
Liquid Conductivity - measurement uncertainty (6)	E.3.3	6.20	R	1.73	0.64	0.43	2.29	1.54	∞

Liquid Permittivity - deviation from target values (5)	E.3.2	3.7	R	1.73	0.6	0.49	1.28	1.05	∞
Liquid Permittivity - measurement uncertainty (6)	E.3.3	6.08	R	1.73	0.6	0.49	2.11	1.72	∞
Combined Standard Uncertainty			RSS				9.37	9.03	
Expanded Uncertainty (95% C.L.)							18.74	18.05	

Table 2: Uncertainty Budget for the Device Under Test with DASY4 System

a	*b*	*c*	*d*	*e = f(d,k)*	*f*	*g*	*h = c x f / e*	*i = c x g / e*	*k*
Uncertainty Component	**Sec.**	**Tol. (± %)**	**Prob. Dist.**	**Div.**	**c_i (1-g)**	**c_i (10-g)**	**1-g u_i (±%)**	**10-g u_i (±%)**	**v_i**
Measurement System									
Probe Calibration (*k*=1)	E2.1	4.8	N	1	1	1	4.8	4.8	∞
Axial Isotropy	E.2.2	4.7	R	1.73	0.707	0.707	1.9	1.9	∞
Hemispherical Isotropy	E.2.2	9.6	R	1.73	0.707	0.707	3.9	3.9	∞
Boundary Effect	E.2.3	1.0	R	1.73	1	1	0.6	0.6	∞
Linearity	E.2.4	4.7	R	1.73	1	1	2.7	2.7	∞
System Detection Limits	E.2.5	1.0	R	1.73	1	1	0.6	0.6	∞
Readout Electronics	E.2.6	1.0	N	1	1	1	1.0	1.0	∞
Response Time	E.2.7	0.8	R	1.73	1	1	0.5	0.5	∞
Integration Time	E.2.8	2.6	R	1.73	1	1	1.5	1.5	∞
RF Ambient Conditions	E.6.1	3.0	R	1.73	1	1	1.7	1.7	∞
Probe Positioner Mechanical Tolerance(corresponds to the mechanical constrains of the robot)	E.6.2	0.4	R	1.73	1	1	0.2	0.2	∞
Probe Positioning with respect to Phantom Shell	E.6.3	2.9	R	1.73	1	1	1.7	1.7	∞
Extrapolation, interpolation and Integration Algorithms for Max. SAR Evaluation	E.5	1.0	R	1.73	1	1	0.6	0.6	∞
Test sample Related									
Test Sample Positioning	E.4.2	3.3	N	1	1	1	3.3	3.3	4
Device Holder Uncertainty	E.4.1	1.0	R	1.73	1	1	0.6	0.6	4
Output Power Variation - SAR drift measurement (4)	6.6.2	5.0	R	1.73	1	1	2.9	2.9	∞
Phantom and Tissue Parameters									
Phantom Uncertainty (shape and thickness tolerances)	E.3.1	4.0	R	1.73	1	1	2.3	2.3	∞

Liquid Conductivity - deviation from target values (5)	E.3.2	4.3	R	1.73	0.64	0.43	1.6	1.1	∞
Liquid Conductivity - measurement uncertainty (6)	E.3.3	6.20	R	1.73	0.64	0.43	2.3	1.5	∞
Liquid Permittivity - deviation from target values (5)	E.3.2	3.7	R	1.73	0.6	0.49	1.3	1.0	∞
Liquid Permittivity - measurement uncertainty (6)	E.3.3	6.08	R	1.73	0.6	0.49	2.1	1.7	∞
Combined Standard Uncertainty			RSS				**9.93**	**9.61**	
Expanded Uncertainty (95% CONFIDENCE LEVEL)			K=2				**19.87**	**19.22**	

Table 3a. Values for ε'

Uncertainty Component	Tolerance (±%)	Probability Distribution	Divisor	c_i	Standard Uncertainty (±%)	v_i or v_{eff}
Repeatability (n repeats)	0.97	N	1	1	0.97	4
Network analyzer uncertainty sources	8.38	R	1.73	1	4.83	∞
Dielectric Error Sources	5.93	R	1.73	1	3.42	∞
Combined standard uncertainty					**6.08**	

Table 3b. Values for σ

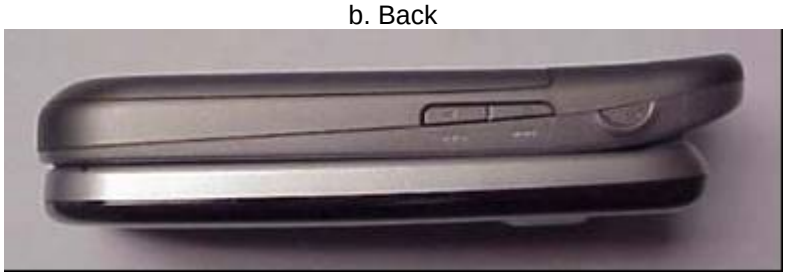
Uncertainty Component	Tolerance (±%)	Probability Distribution	Divisor	c_i	Standard Uncertainty (±%)	v_i or v_{eff}
Repeatability (n repeats)	1.85	N	1	1	1.85	4
Network analyzer uncertainty sources	8.38	R	1.73	1	4.83	∞
Dielectric Error Sources	5.93	R	1.73	1	3.42	∞
Combined standard uncertainty					**6.20**	

Appendix 6

Photographs of the Device Under Test

a. Front

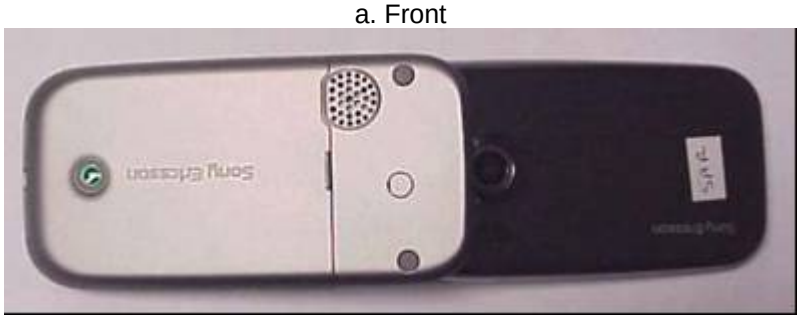
b. Back



c. Side

View of Device (Closed)

a. Front



b. Back

c. Side

View of Device (Open)

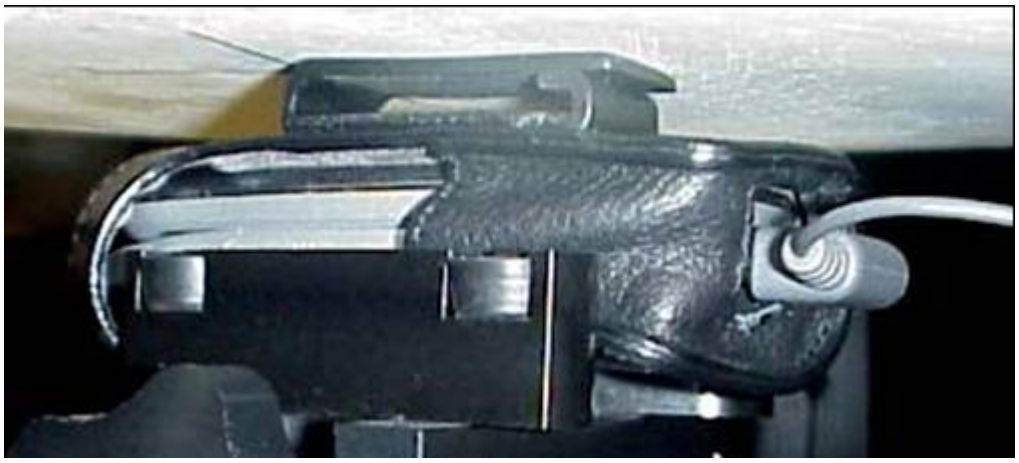
View of Hands-free Accessory

Position of device against head phantom using the “cheek” position

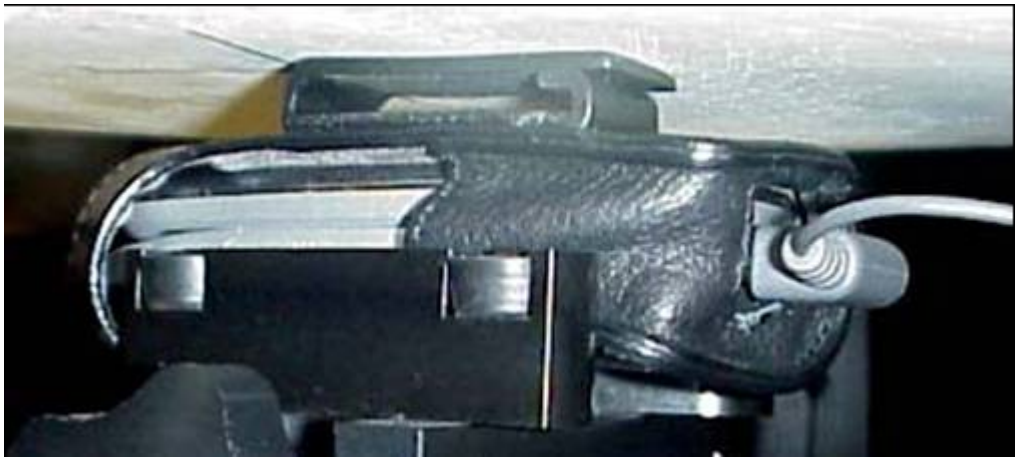
Position of device against head phantom using the “tilt” position

Position with front of device against flat phantom using a 15mm SPACER with hands free accessory.

Position with back of device against flat phantom using a 15mm SPACER with hands free accessory.



Position with front of device against flat phantom using an ICE26 carry case with hands free accessory.



Position with back of device against flat phantom using an ICE26 carry case with hands free accessory.

Accessory ICE26 front.

Accessory ICE26 back.