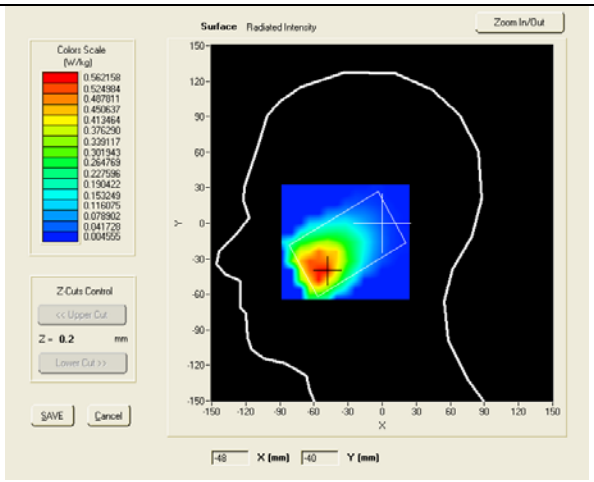
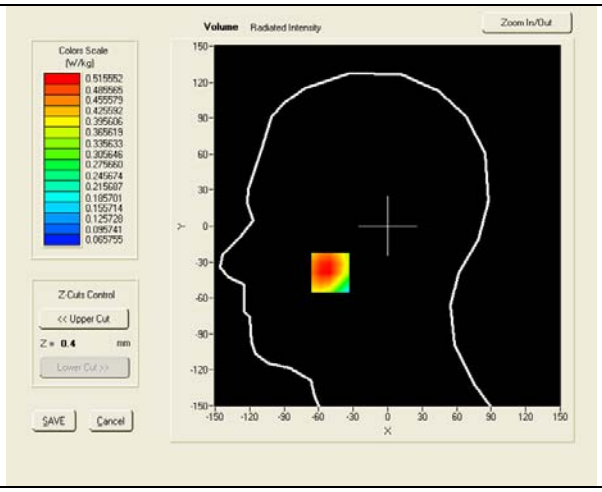
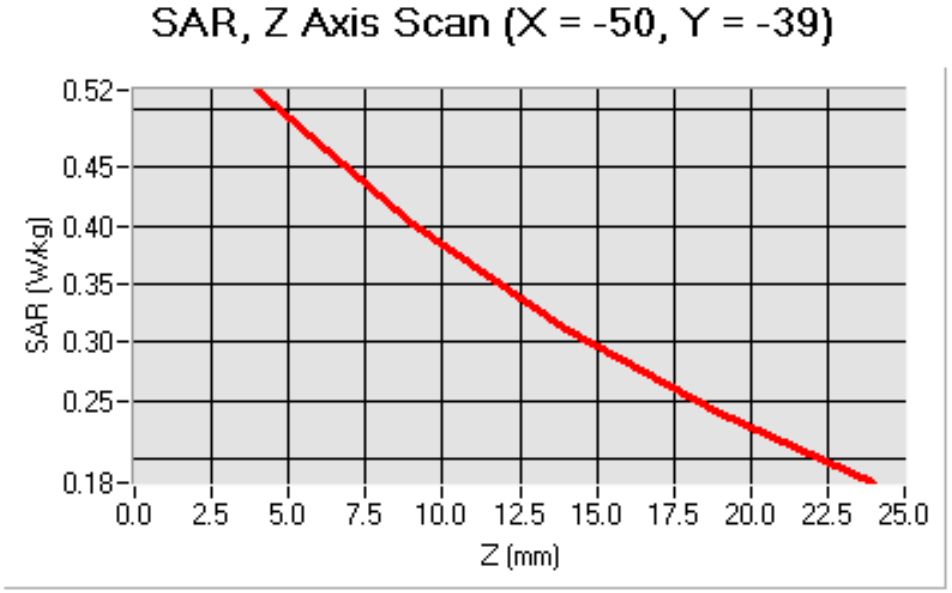
SAR measurement Plots

Test mode: GSM850, low channel (Right Head Cheek)
Product Description: GSM+WCDMA SMART PHONE
Model: AX540
Test Date: April 26th, 2013

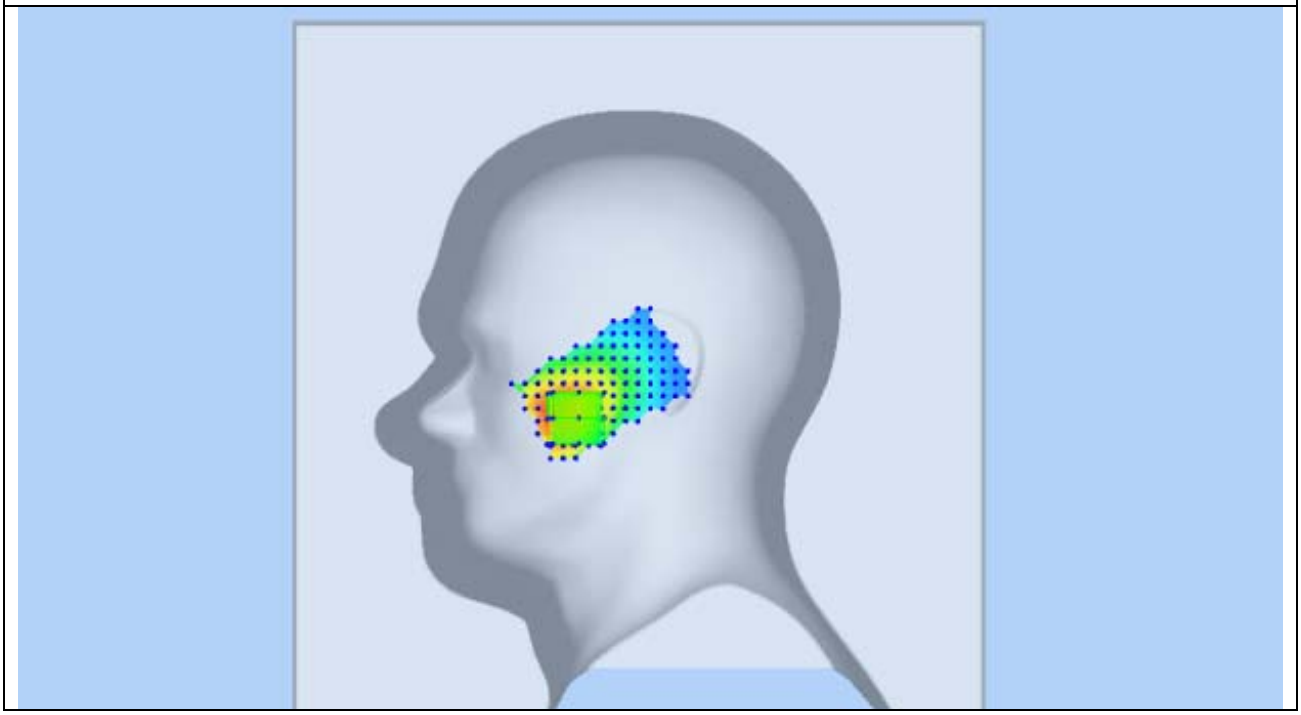
Medium(liquid type)	HSL_850
Frequency (MHz)	824.2000
Relative permittivity (real part)	42.90
Conductivity (S/m)	0.88
E-Field Probe	SN 18/11 EPG123
Crest factor	8.0
Conversion Factor	7.53
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	2.88
SAR 10g (W/Kg)	0.367229
SAR 1g (W/Kg)	0.505979
SURFACE SAR	VOLUME SAR





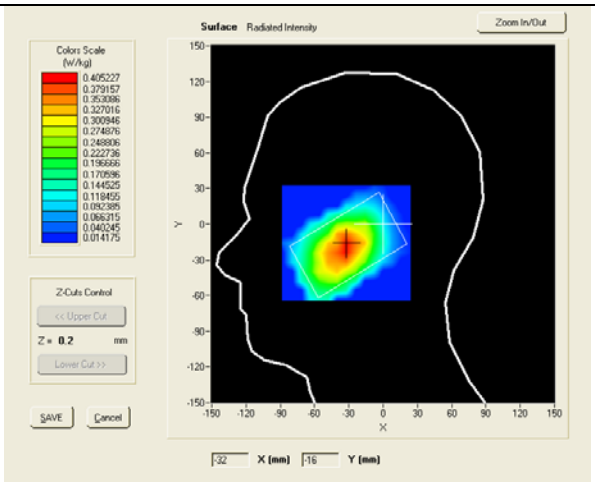


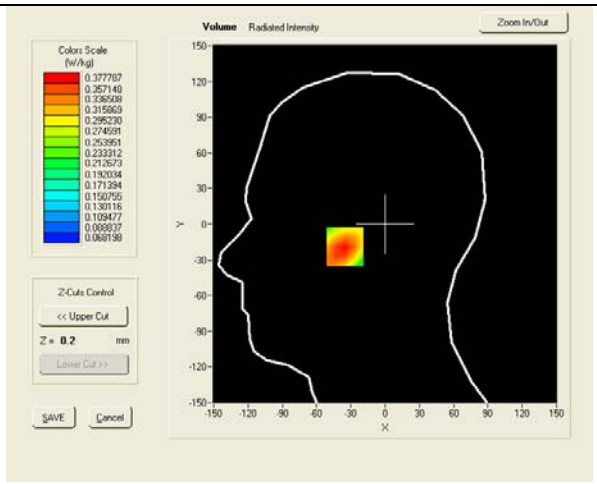
3D screen shot

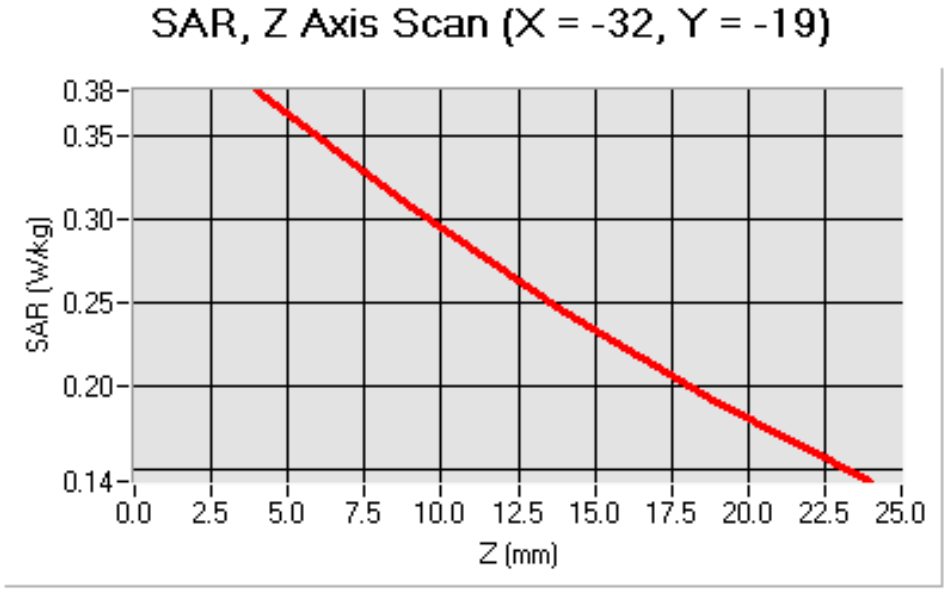


Test mode: GSM850, low channel (Right Head Tilt)
Product Description: GSM+WCDMA SMART PHONE
Model: AX540
Test Date: April 26th, 2013

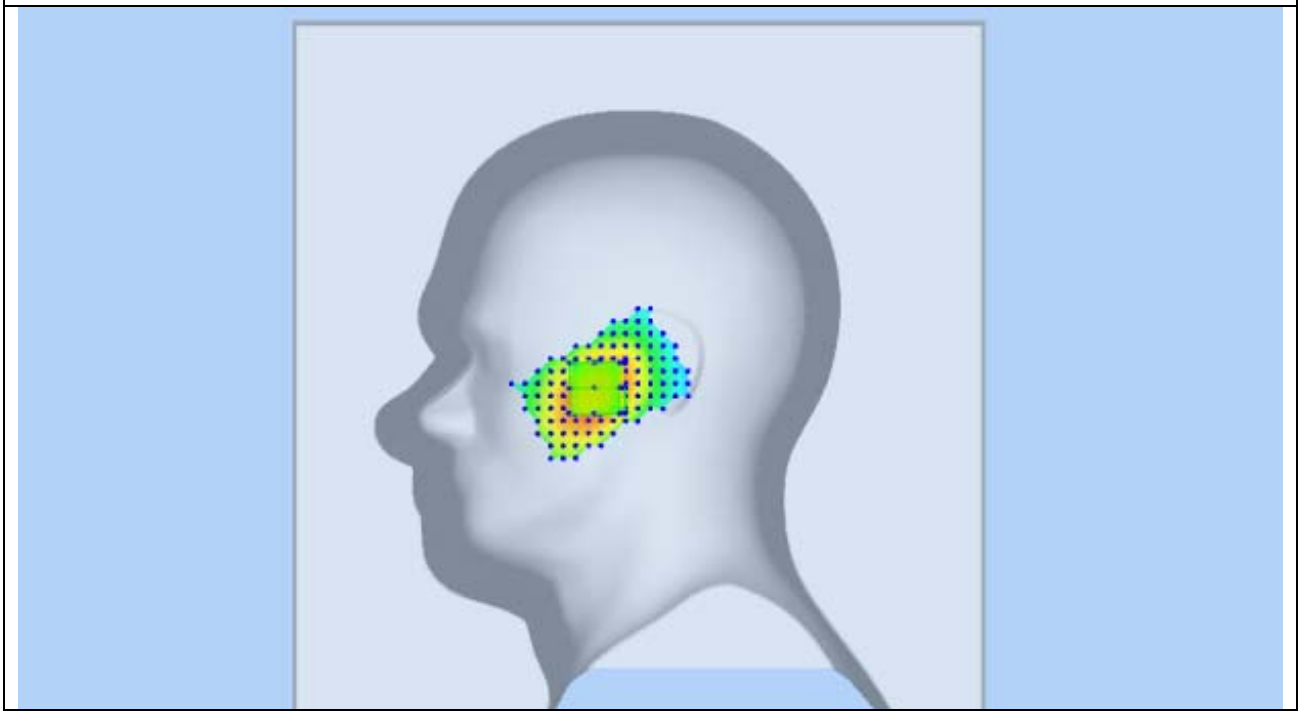
Medium(liquid type)	HSL_850
Frequency (MHz)	824.2000
Relative permittivity (real part)	42.90
Conductivity (S/m)	0.88
E-Field Probe	SN 18/11 EPG123
Crest factor	8.0
Conversion Factor	7.53
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	1.35
SAR 10g (W/Kg)	0.271910
SAR 1g (W/Kg)	0.364636
SURFACE SAR	VOLUME SAR





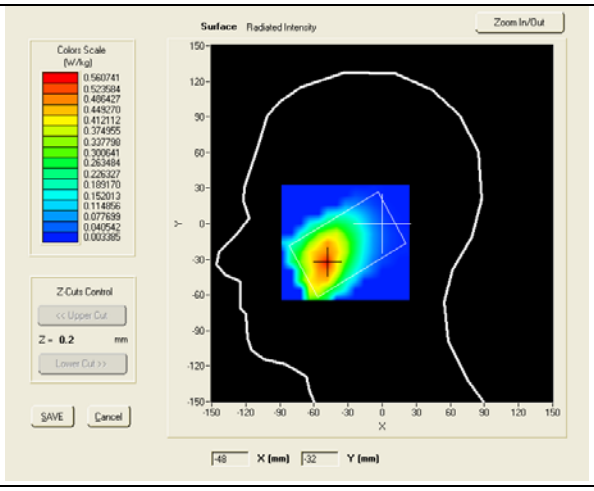


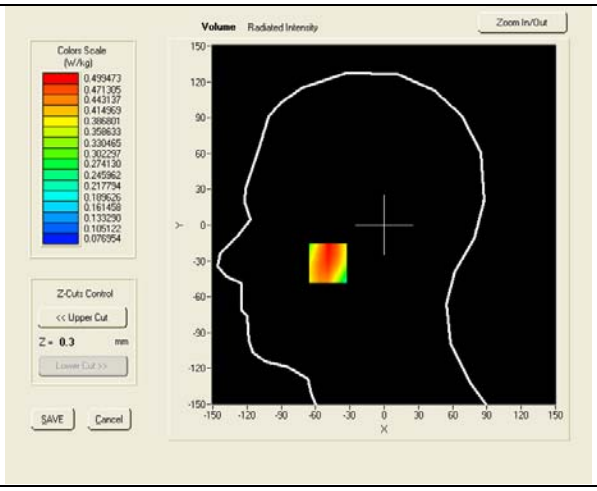
3D screen shot

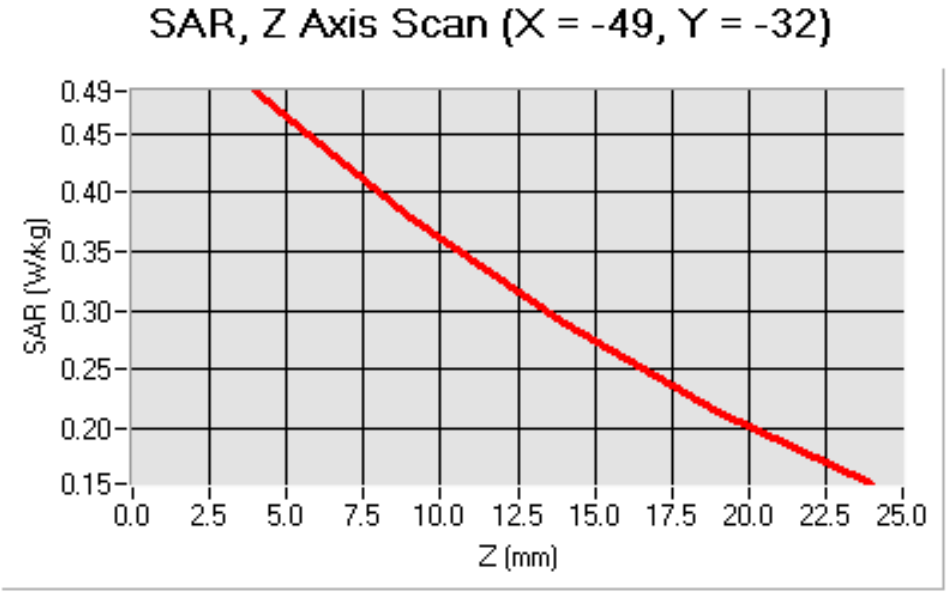


Test mode: GSM850, low channel (Left Head Cheek)
Product Description: GSM+WCDMA SMART PHONE
Model: AX540
Test Date: April 26th, 2013

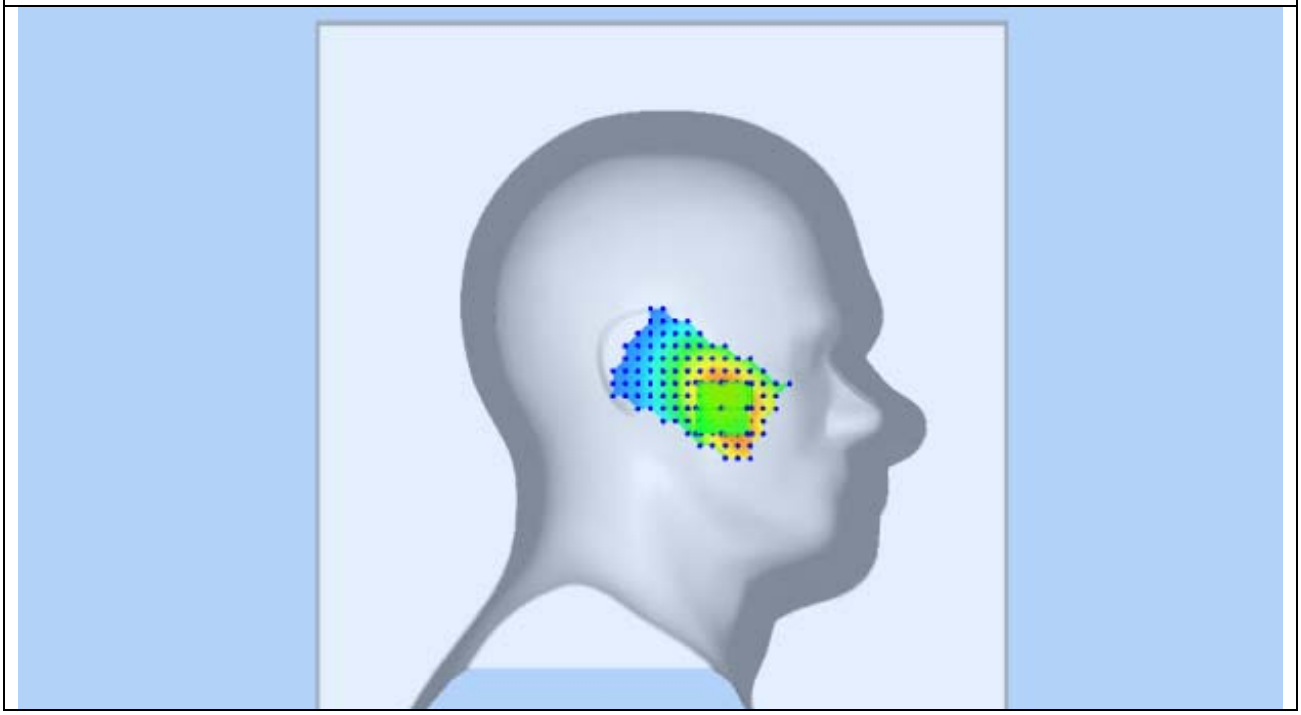
Medium(liquid type)	HSL_850
Frequency (MHz)	824.2000
Relative permittivity (real part)	42.90
Conductivity (S/m)	0.9
E-Field Probe	SN 18/11 EPG123
Crest factor	8.0
Conversion Factor	7.53
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	1.84000
SAR 10g (W/Kg)	0.346602
SAR 1g (W/Kg)	0.480827
SURFACE SAR	VOLUME SAR





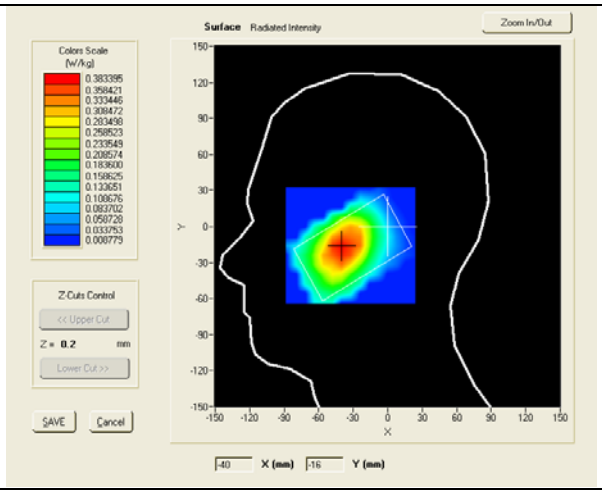


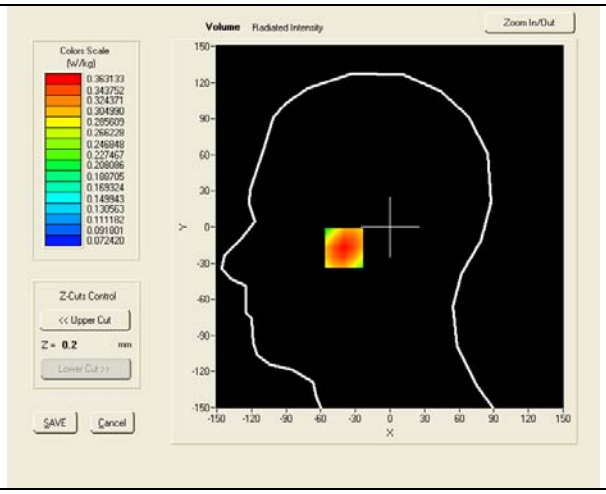
3D screen shot

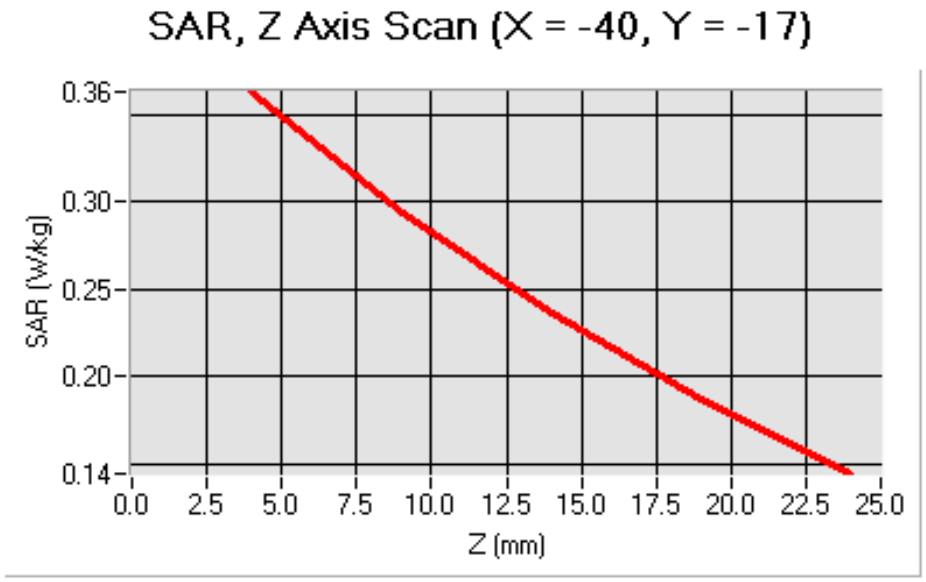


Test mode: GSM850, low channel (Left Head Tilt)
Product Description: GSM+WCDMA SMART PHONE
Model: AX540
Test Date: April 26th, 2013

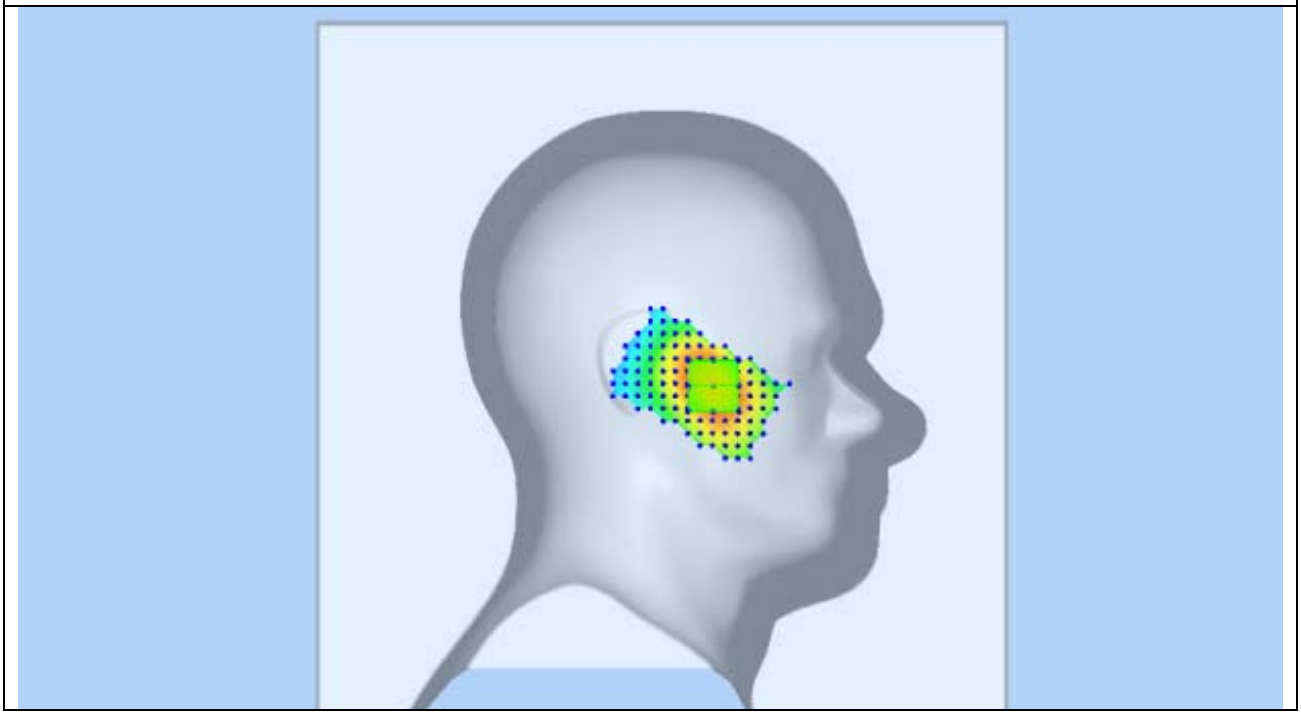
Medium(liquid type)	HSL_850
Frequency (MHz)	824.2000
Relative permittivity (real part)	42.90
Conductivity (S/m)	0.88
E-Field Probe	SN 18/11 EPG123
Crest factor	8.0
Conversion Factor	7.53
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	0.05
SAR 10g (W/Kg)	0.261944
SAR 1g (W/Kg)	0.350320
SURFACE SAR	VOLUME SAR





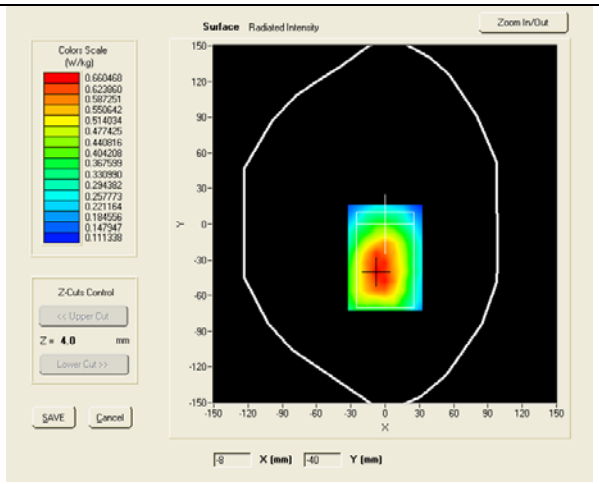


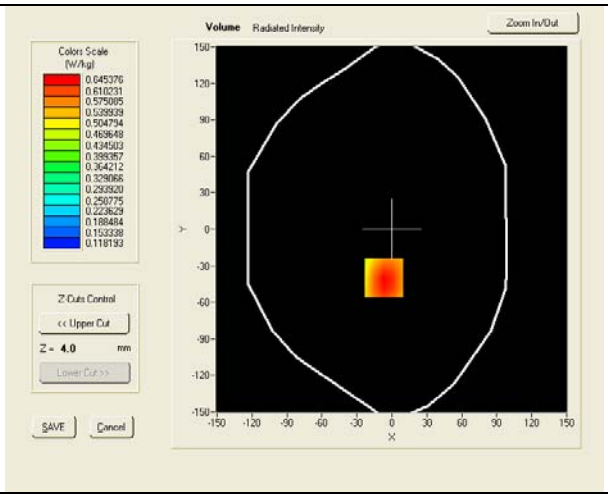
3D screen shot

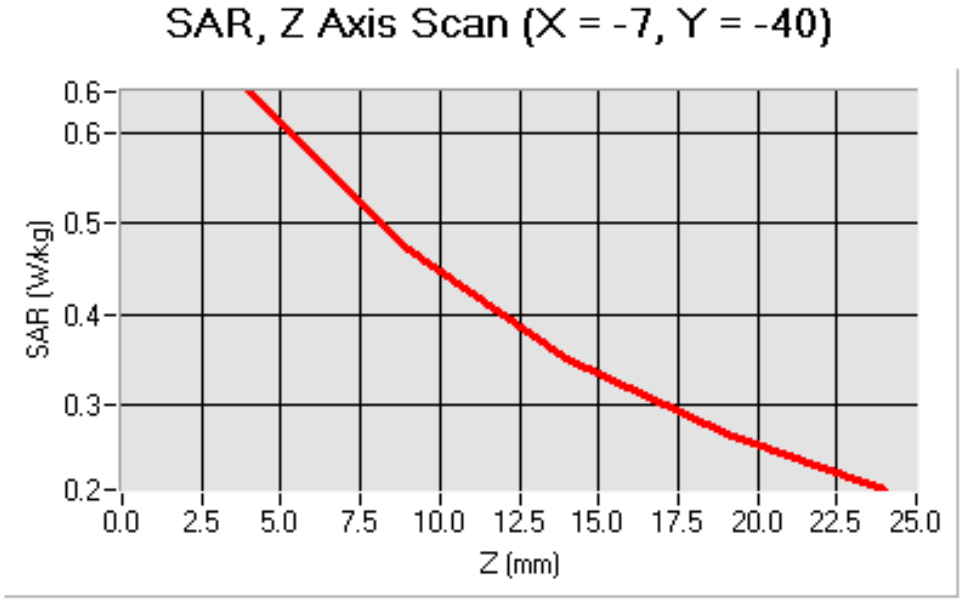


Test mode: GPRS850, low channel (Body-LCD UP)
Product Description: GSM+WCDMA SMART PHONE
Model: AX540
Test Date: April 26th, 2013

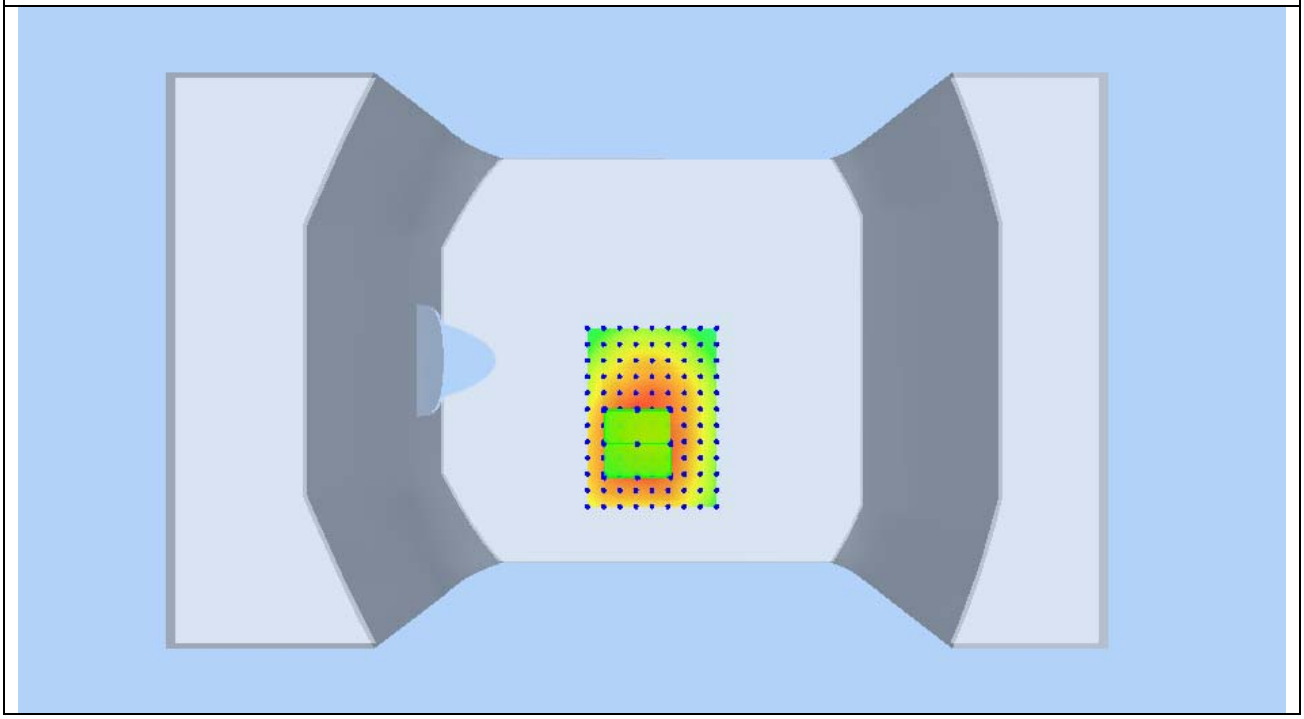
Medium(liquid type)	MSL_850
Frequency (MHz)	824.2000
Relative permittivity (real part)	53.39
Conductivity (S/m)	0.95
E-Field Probe	SN 18/11 EPG123
Crest factor	4.0
Conversion Factor	7.75
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	-0.07
SAR 10g (W/Kg)	0.493350
SAR 1g (W/Kg)	0.705312
SURFACE SAR	VOLUME SAR





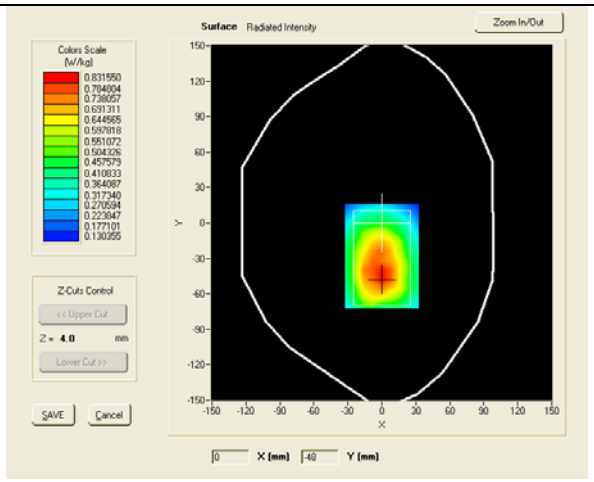


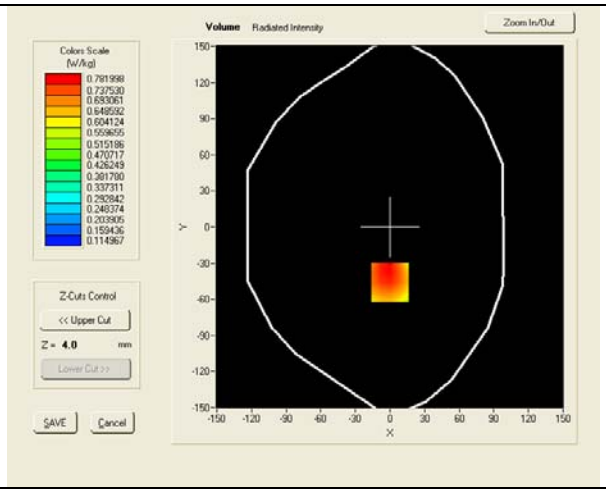
3D screen shot

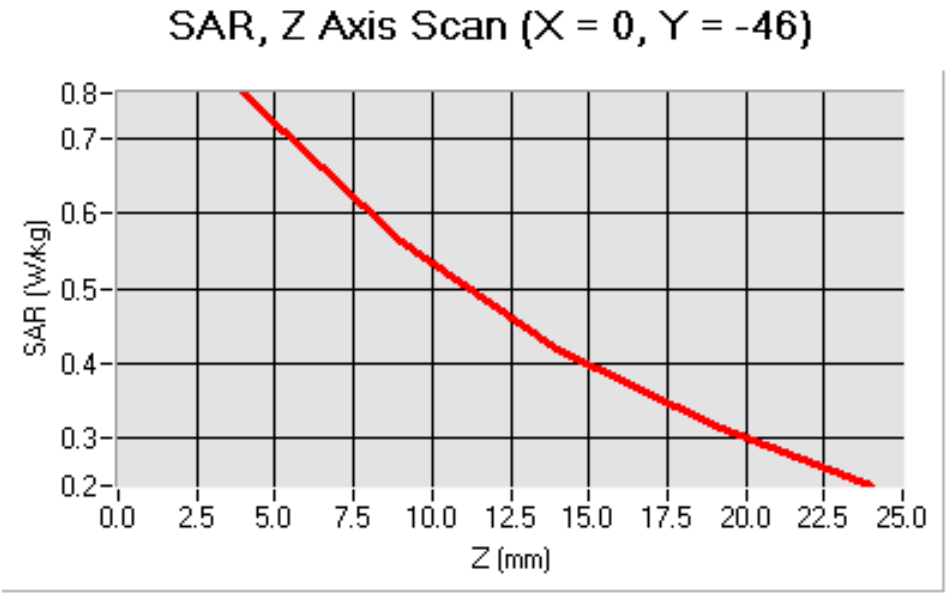


Test mode: GPRS850, low channel (Body-LCD DOWN)
Product Description: GSM+WCDMA SMART PHONE
Model: AX540
Test Date: April 26th, 2013

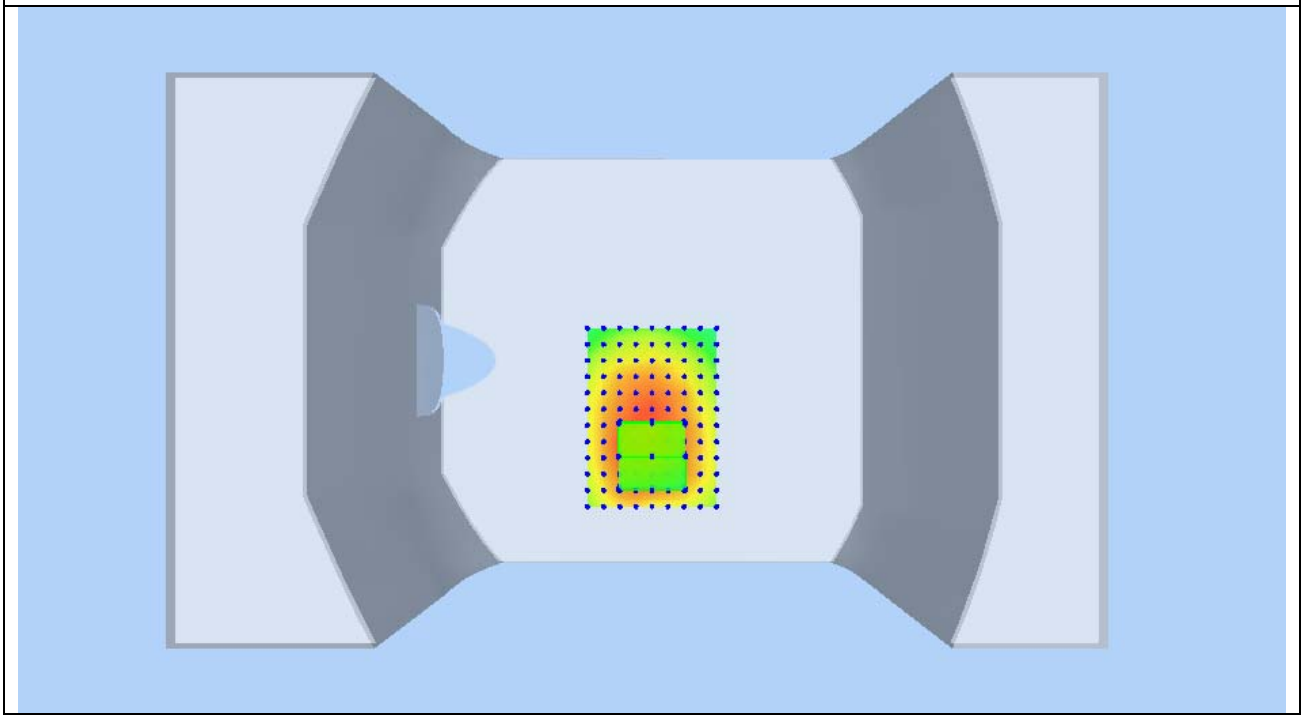
Medium(liquid type)	MSL_850
Frequency (MHz)	824.2000
Relative permittivity (real part)	53.39
Conductivity (S/m)	0.95
E-Field Probe	SN 18/11 EPG123
Crest factor	2.0
Conversion Factor	7.75
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	2.3
SAR 10g (W/Kg)	0.545414
SAR 1g (W/Kg)	0.757618
SURFACE SAR	VOLUME SAR





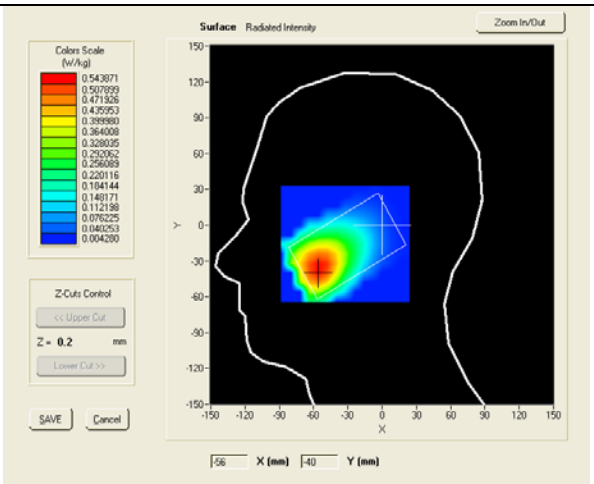


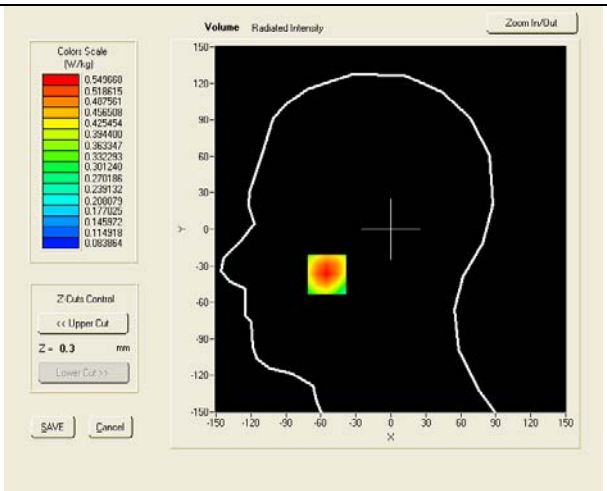
3D screen shot

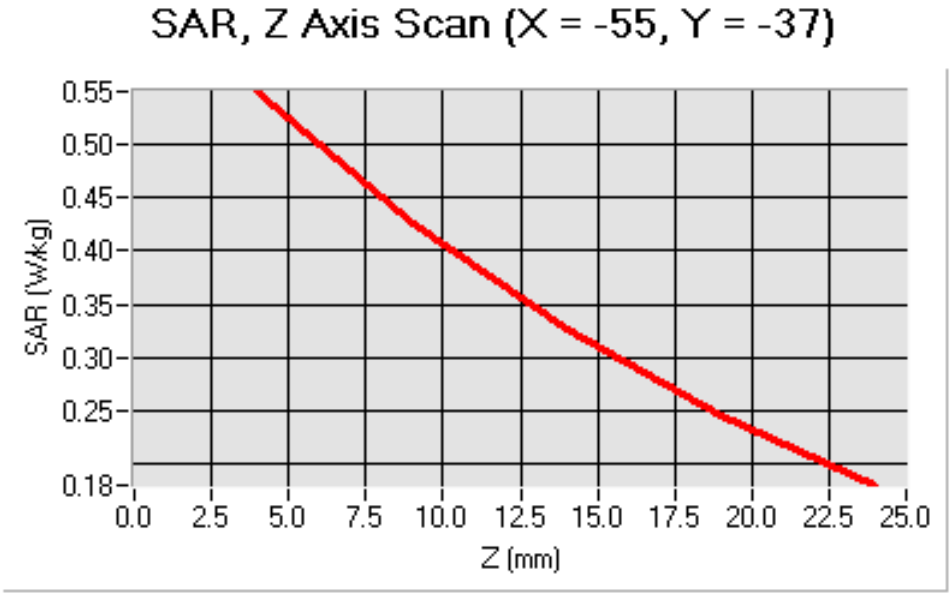


Test mode: WCDMA BAND Ⅴ, low channel (Right Head Cheek)
Product Description: GSM+WCDMA SMART PHONE
Model: AX540
Test Date: April 27th 2012

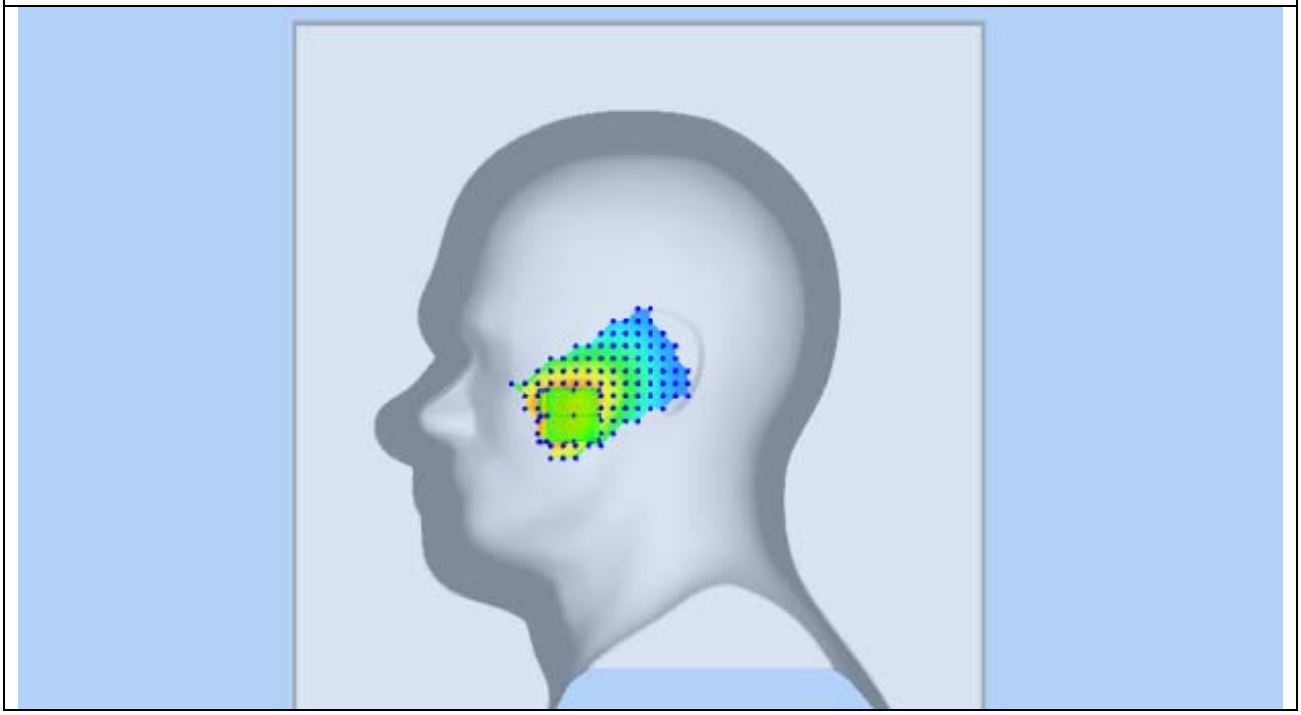
Medium(liquid type)	HSL_850
Frequency (MHz)	826.4000
Relative permitivity (real part)	42.90
Conductivity (S/m)	0.90
E-Field Probe	SN 18/11 EPG123
Crest factor	1.0
Conversion Factor	8.78
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	--1.35
SAR 10g (W/Kg)	0.370777
SAR 1g (W/Kg)	0.525881
SURFACE SAR	VOLUME SAR





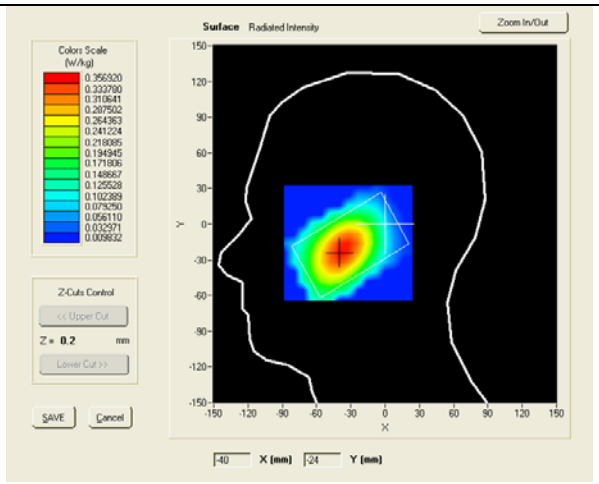


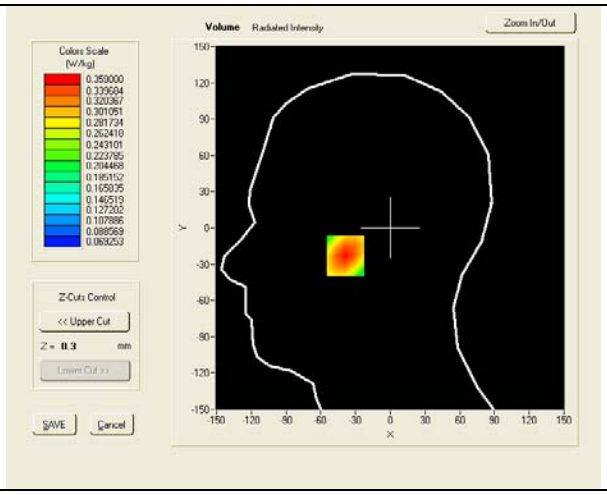
3D screen shot

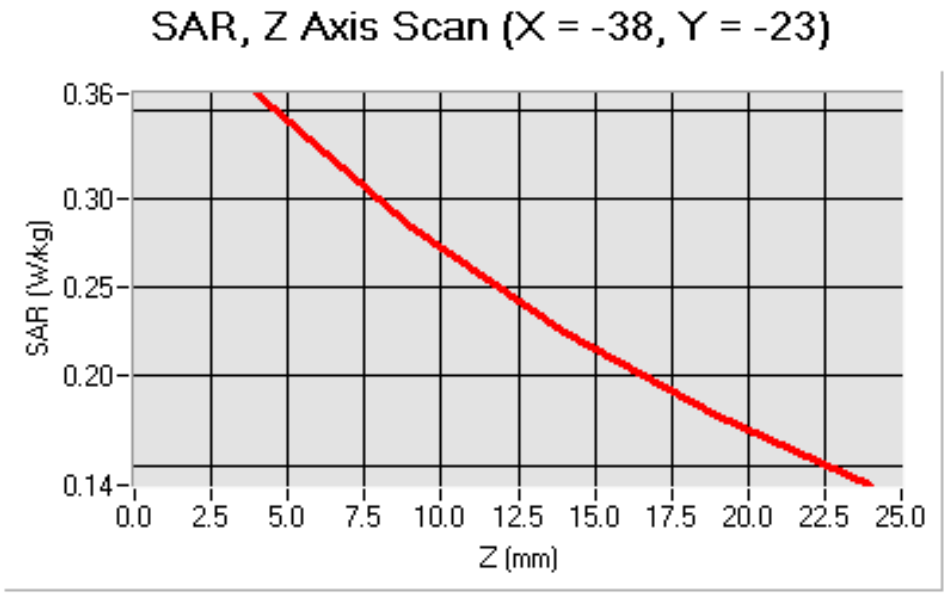


Test mode: WCDMA BAND Ⅴ, low channel (Right Head Tilt)
Product Description: GSM+WCDMA SMART PHONE
Model: AX540
Test Date: April 27th 2012

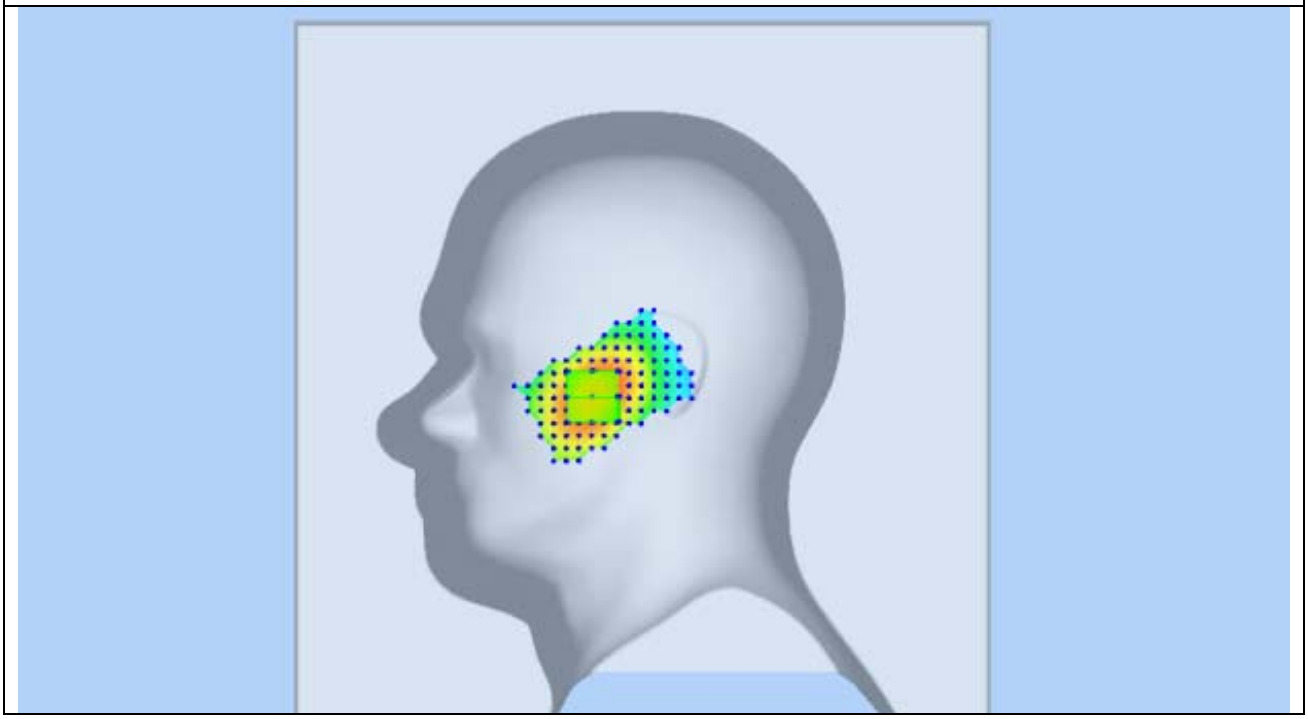
Medium(liquid type)	HSL_850
Frequency (MHz)	826.4000
Relative permitivity (real part)	42.90
Conductivity (S/m)	0.90
E-Field Probe	SN 18/11 EPG123
Crest factor	1.0
Conversion Factor	8.78
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	-0.01
SAR 10g (W/Kg)	0.252765
SAR 1g (W/Kg)	0.344621
SURFACE SAR	VOLUME SAR





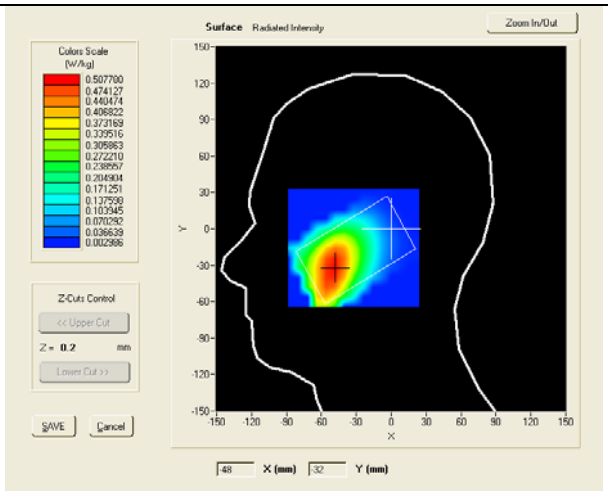


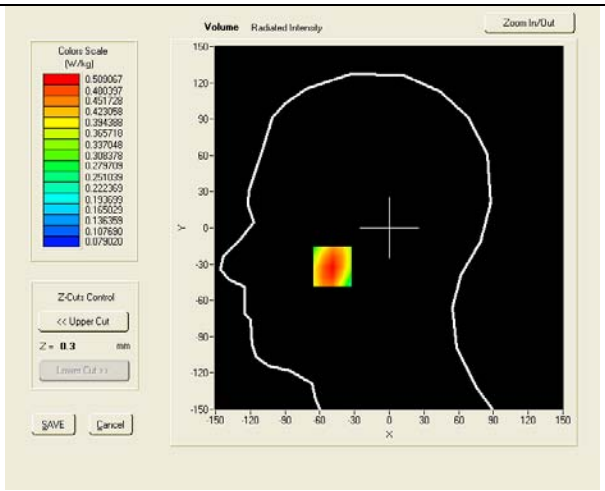
3D screen shot

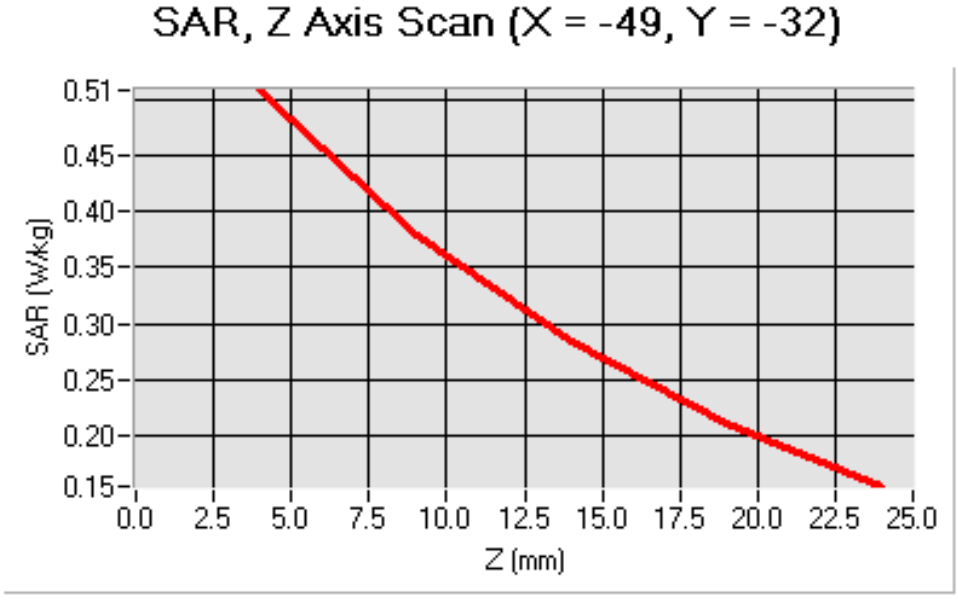


Test mode: WCDMA BAND Ⅴ, low channel (Left Head Cheek)
Product Description: GSM+WCDMA SMART PHONE
Model: AX540
Test Date: April 27th 2012

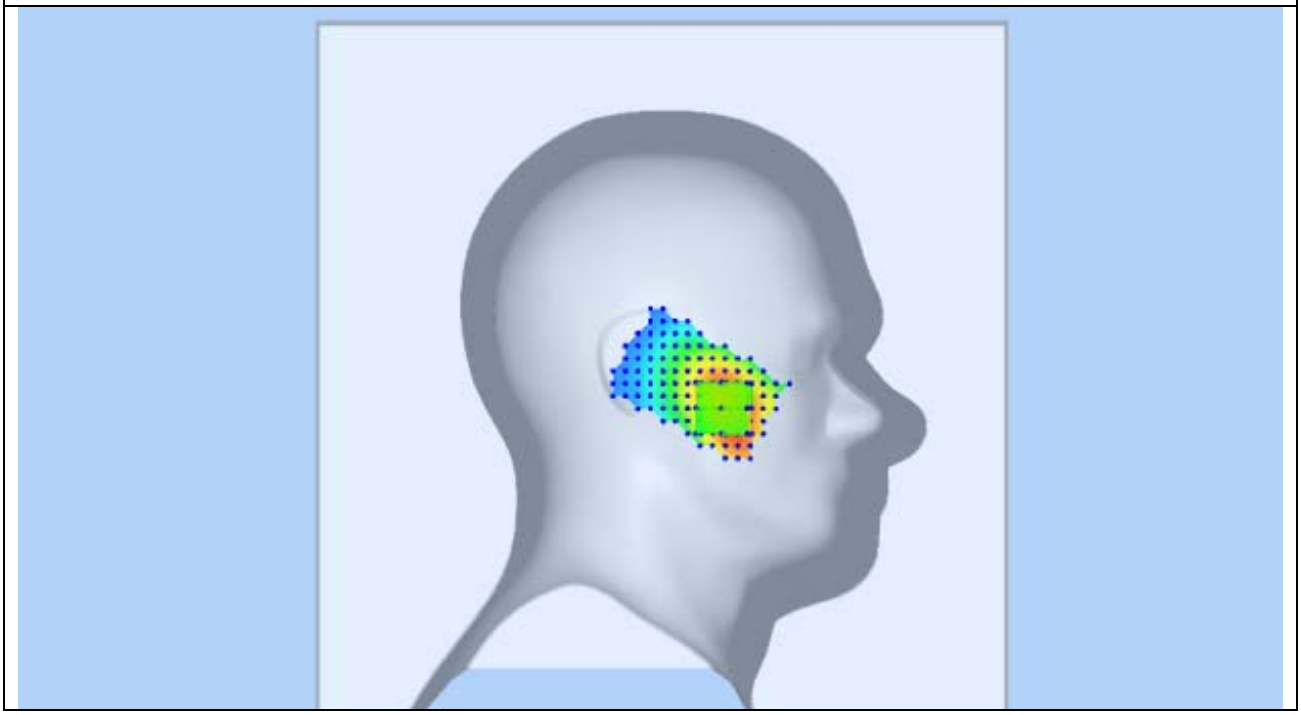
Medium(liquid type)	HSL_850
Frequency (MHz)	826.4000
Relative permitivity (real part)	42.90
Conductivity (S/m)	0.90
E-Field Probe	SN 18/11 EPG123
Crest factor	1.0
Conversion Factor	8.78
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	1.06
SAR 10g (W/Kg)	0.342145
SAR 1g (W/Kg)	0.488686
SURFACE SAR	VOLUME SAR





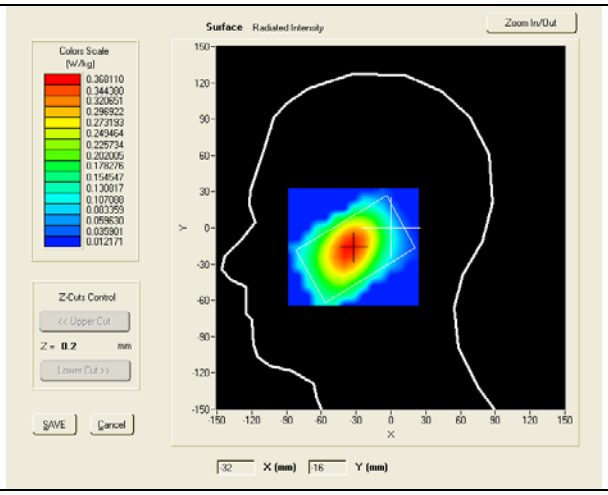


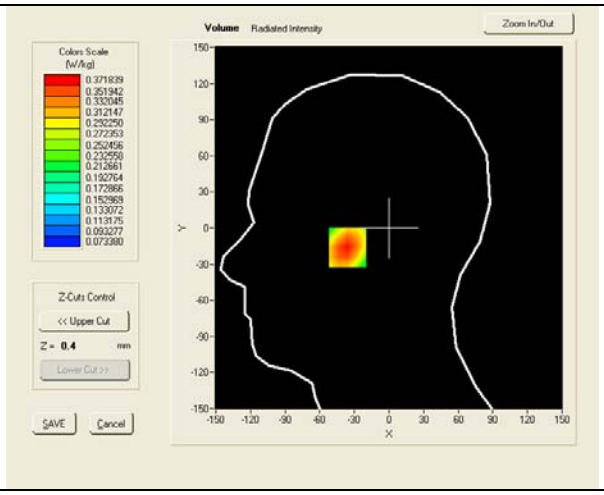
3D screen shot

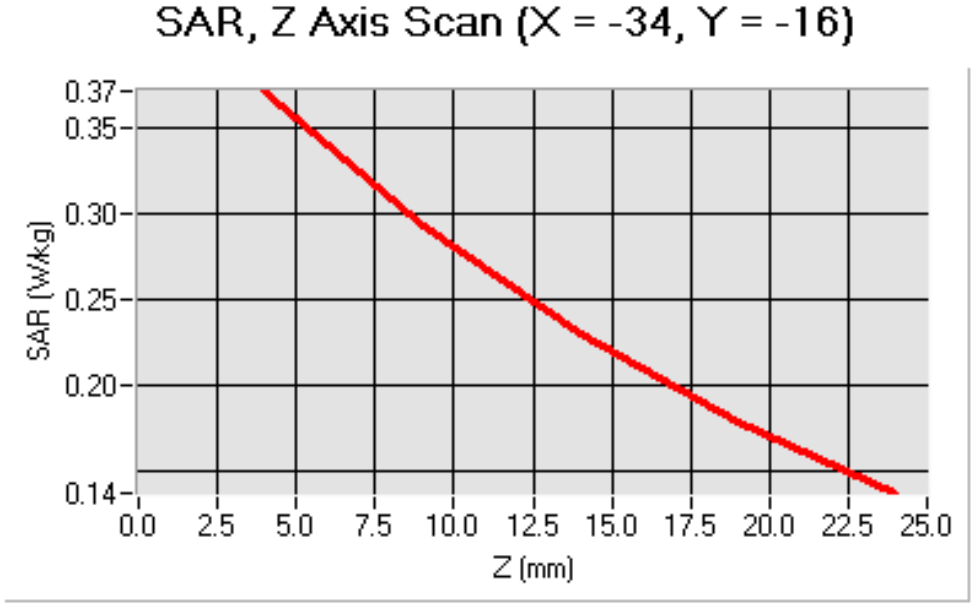


Test mode: WCDMA BAND Ⅴ , low channel (Left Head Tilt)
Product Description: GSM+WCDMA SMART PHONE
Model: AX540
Test Date: April 27th 2012

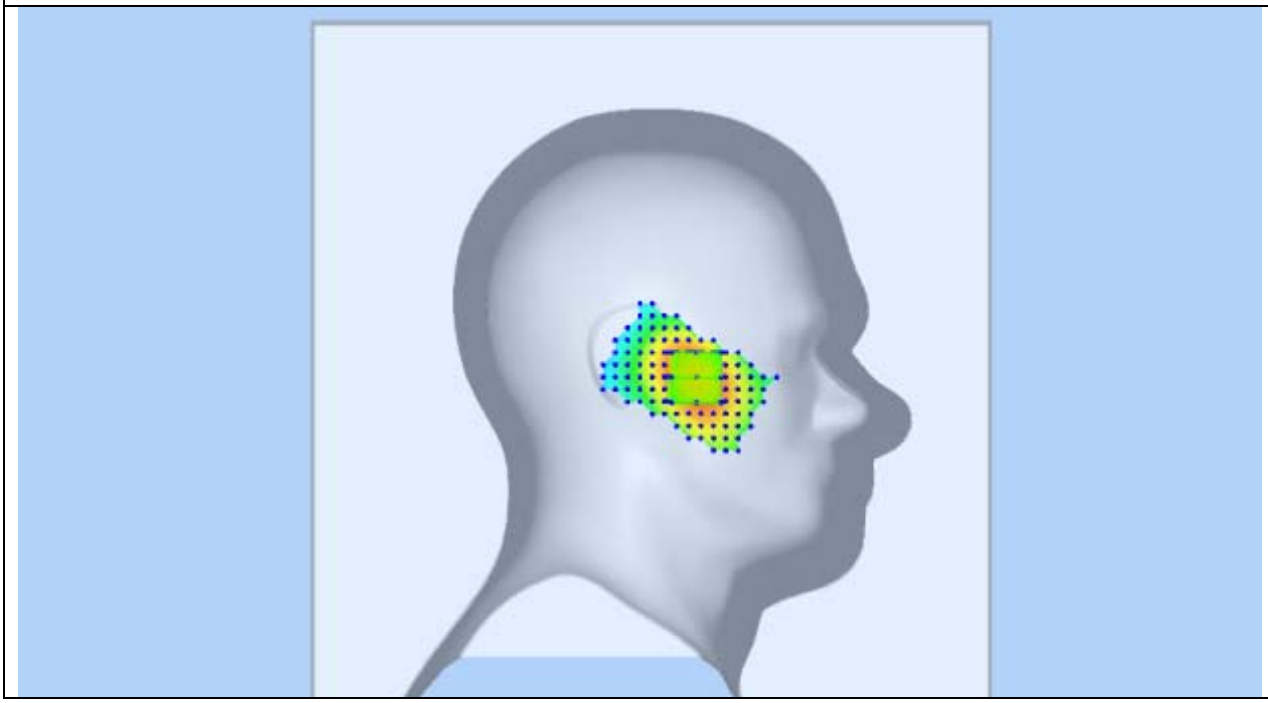
Medium(liquid type)	HSL_850
Frequency (MHz)	826.4000
Relative permitivity (real part)	42.90
Conductivity (S/m)	0.90
E-Field Probe	SN 18/11 EPG123
Crest factor	1.0
Conversion Factor	8.78
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	-0.88000
SAR 10g (W/Kg)	0.259904
SAR 1g (W/Kg)	0.357081
SURFACE SAR	VOLUME SAR





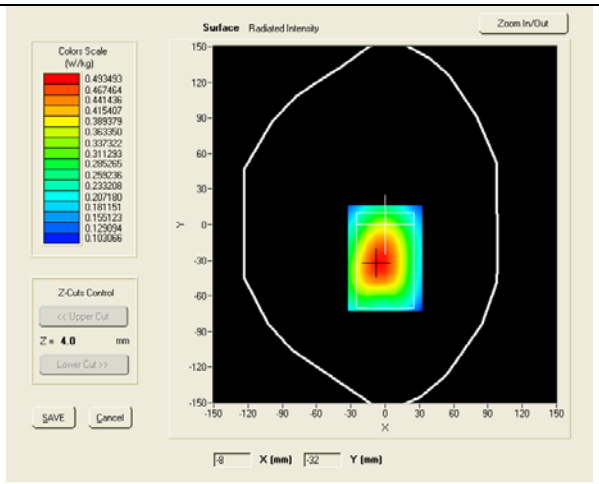


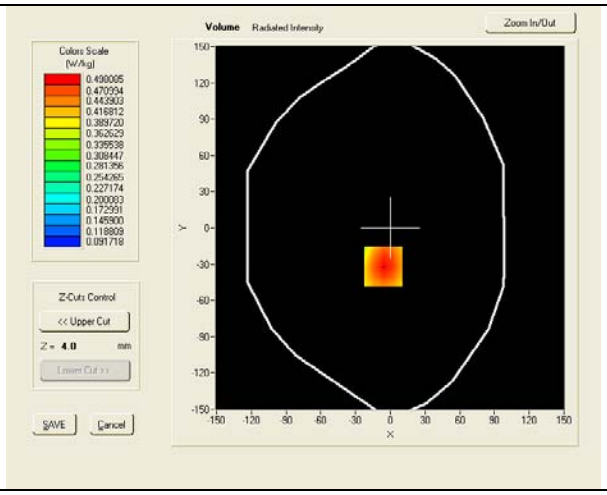
3D screen shot

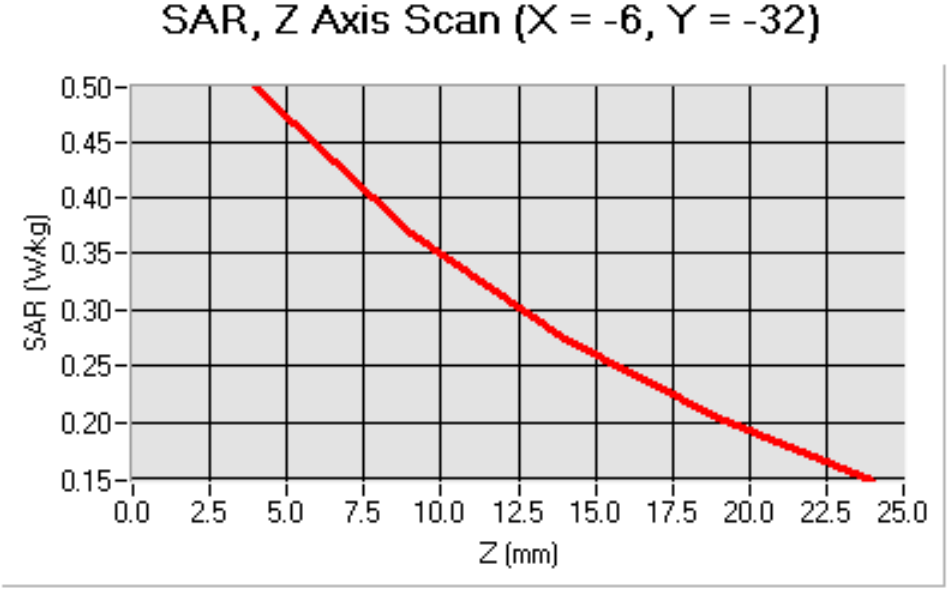


Test mode: WCDMA BAND Ⅴ, low channel (Body-LCD UP)
Product Description: GSM+WCDMA SMART PHONE
Model: AX540
Test Date: April 27th 2012

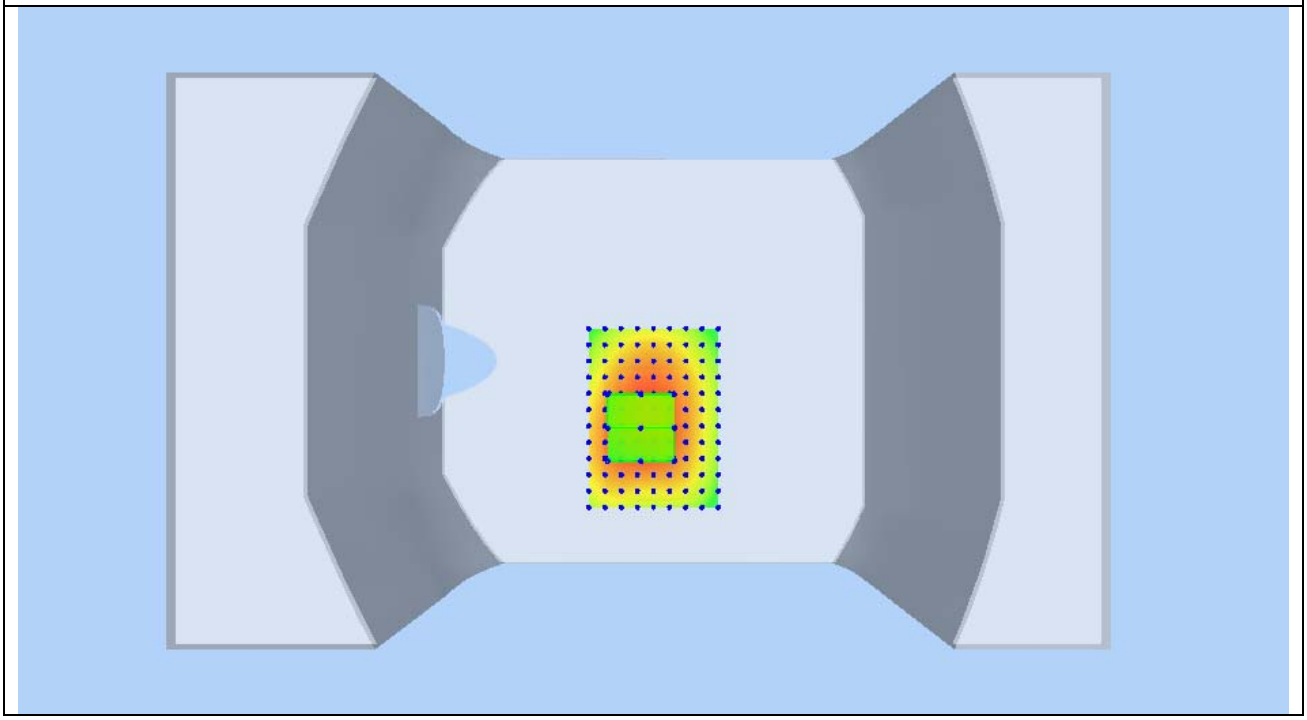
Medium(liquid type)	MSL_850
Frequency (MHz)	826.4000
Relative permitivity (real part)	53.39
Conductivity (S/m)	0.95
E-Field Probe	SN 18/11 EPG123
Crest factor	1.0
Conversion Factor	9.07
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	0.25
SAR 10g (W/Kg)	0.370033
SAR 1g (W/Kg)	0.516687
SURFACE SAR	VOLUME SAR





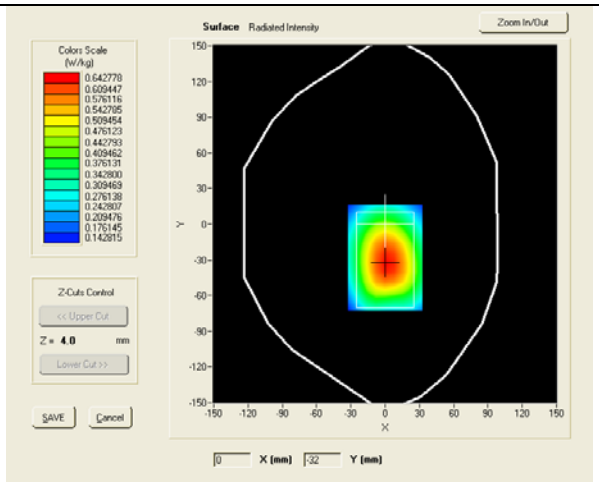


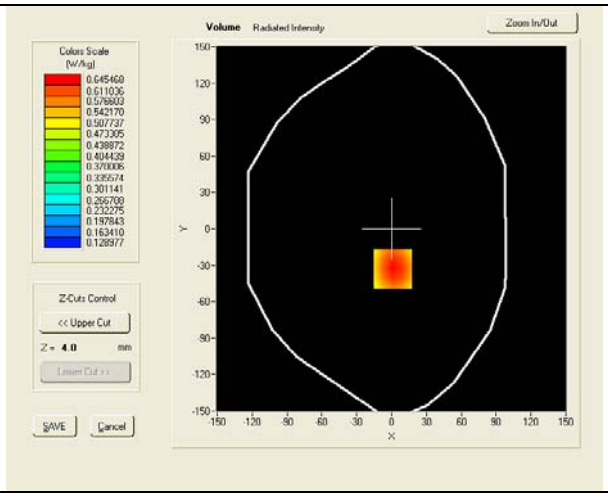
3D screen shot

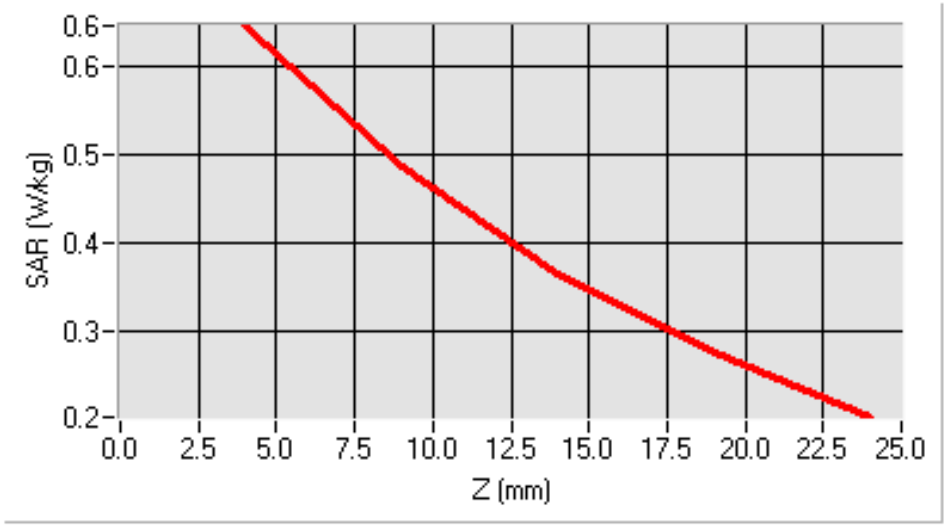


Test mode: WCDMA BAND Ⅴ, low channel (Body-LCD DOWN)
Product Description: GSM+WCDMA SMART PHONE
Model: AX540
Test Date: April 27th 2012

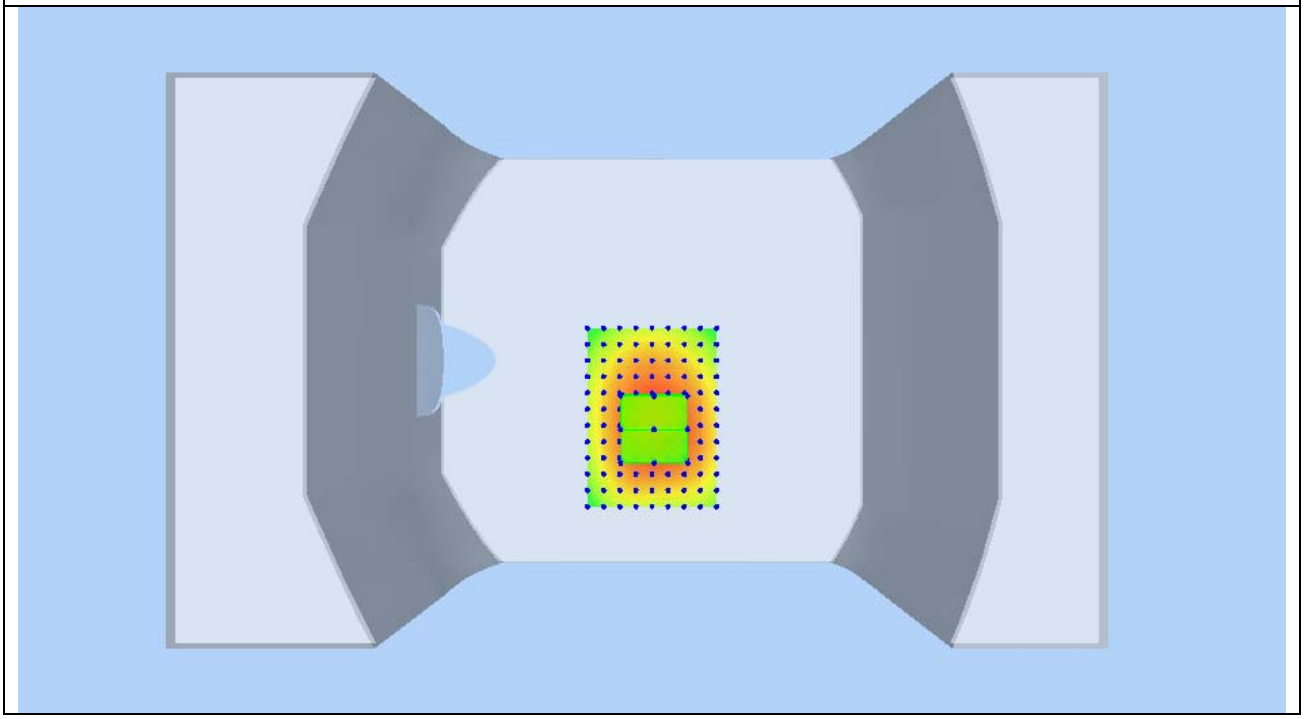
Medium(liquid type)	MSL_850
Frequency (MHz)	826.4000
Relative permitivity (real part)	53.39
Conductivity (S/m)	0.95
E-Field Probe	SN 18/11 EPG123
Crest factor	1.0
Conversion Factor	9.07
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	0.08
SAR 10g (W/Kg)	0.483382
SAR 1g (W/Kg)	0.669886
SURFACE SAR	VOLUME SAR





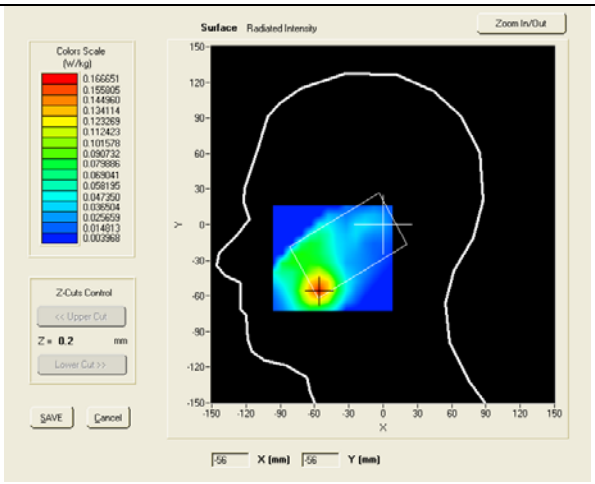


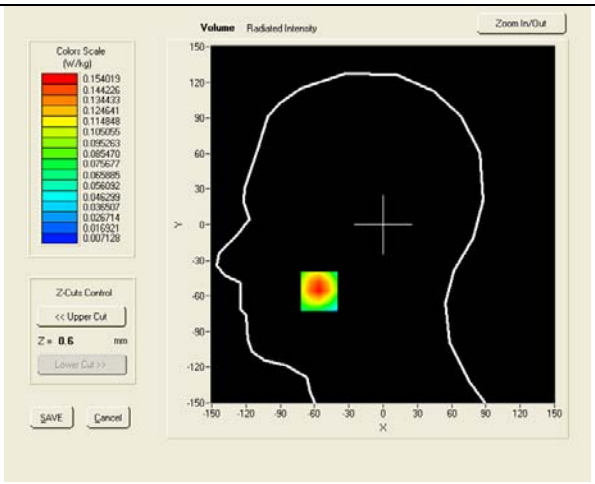
3D screen shot

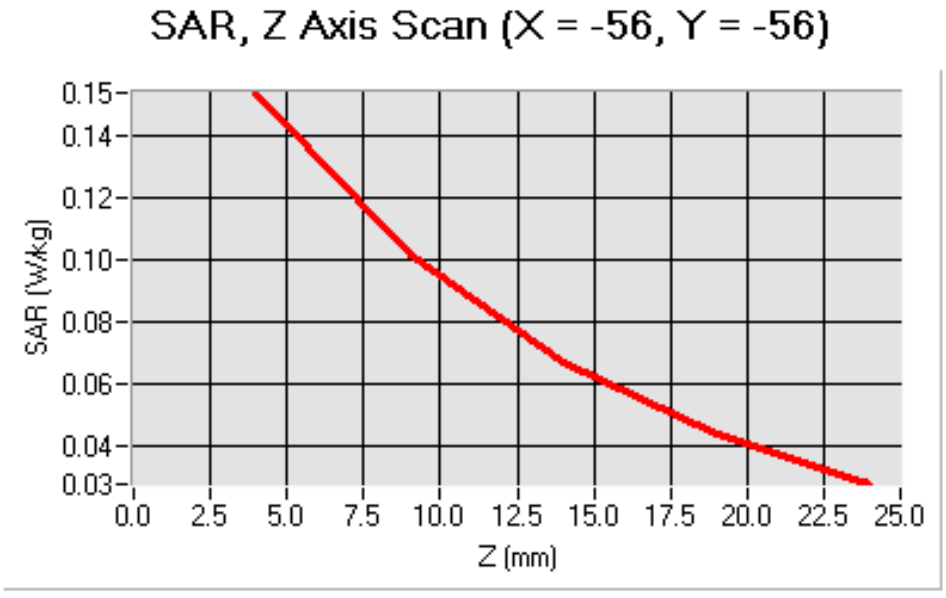


Test mode: GSM1900, Low channel (Right Head Cheek)
Product Description: GSM+WCDMA SMART PHONE
Model: AX540
Test Date: April 27th, 2013

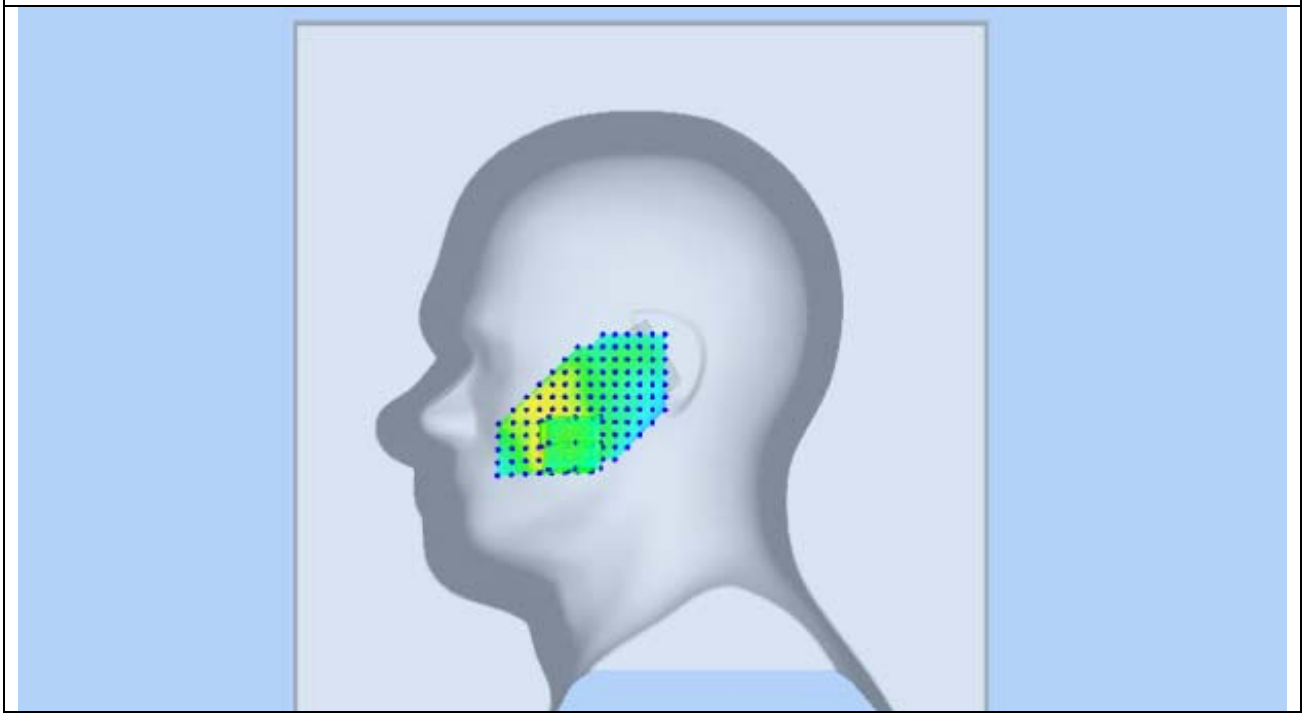
Medium(liquid type)	HSL_1900
Frequency (MHz)	1850.2000
Relative permittivity (real part)	39.81
Conductivity (S/m)	1.38
E-Field Probe	SN 18/11 EPG123
Crest factor	8.0
Conversion Factor	7.92
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	3.41
SAR 10g (W/Kg)	0.087499
SAR 1g (W/Kg)	0.145994
SURFACE SAR	VOLUME SAR





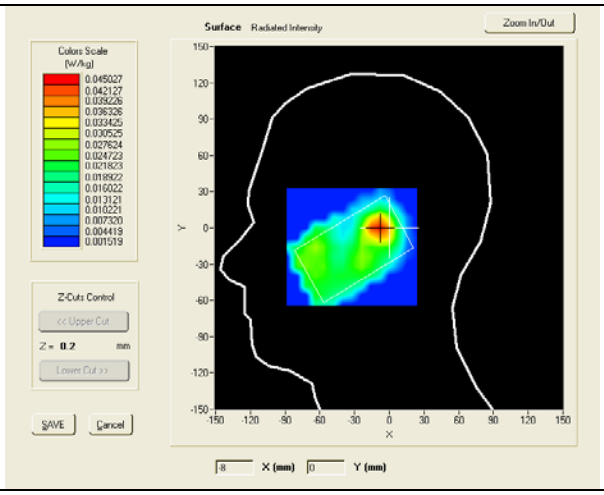


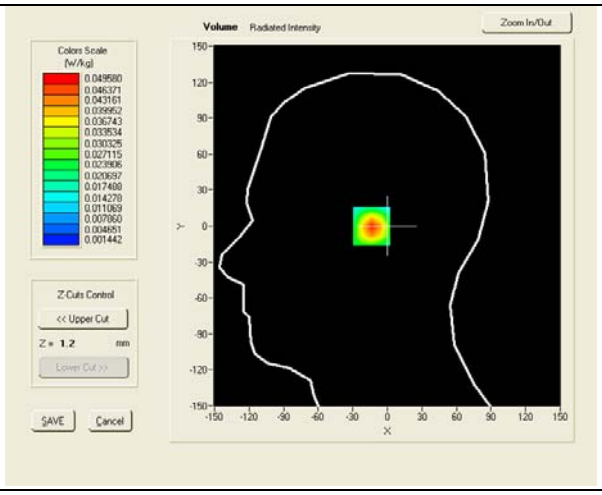
3D screen shot

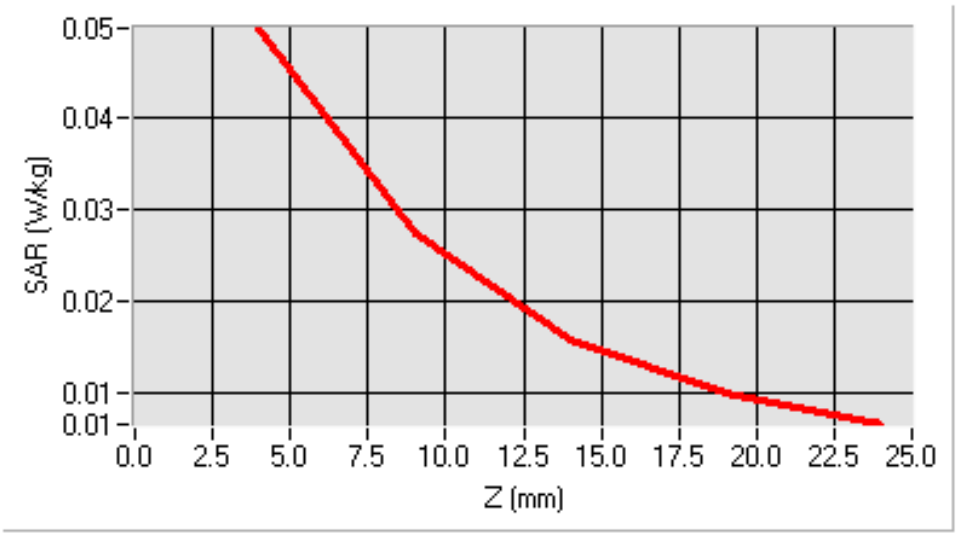


Test mode: GSM1900, Low channel (Right Head Tilt)
Product Description: GSM+WCDMA SMART PHONE
Model: AX540
Test Date: April 27th, 2013

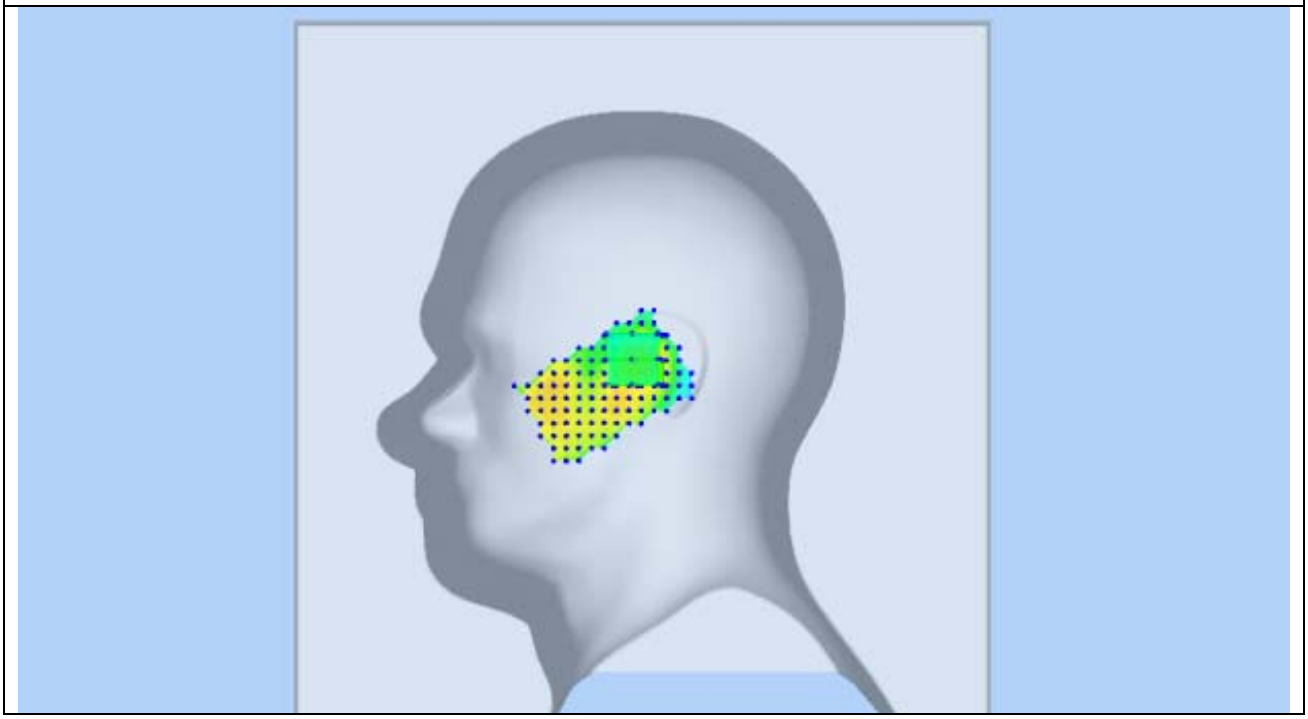
Medium(liquid type)	HSL_1900
Frequency (MHz)	1850.2000
Relative permittivity (real part)	39.81
Conductivity (S/m)	1.38
E-Field Probe	SN 18/11 EPG123
Crest factor	8.0
Conversion Factor	7.92
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	-0.24
SAR 10g (W/Kg)	0.024705
SAR 1g (W/Kg)	0.046022
SURFACE SAR	VOLUME SAR





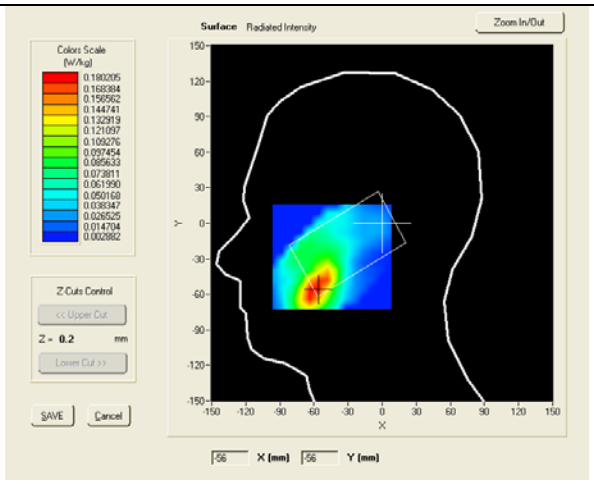


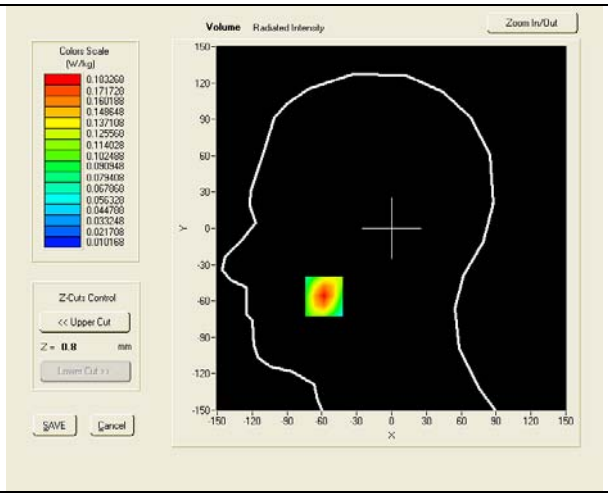
3D screen shot

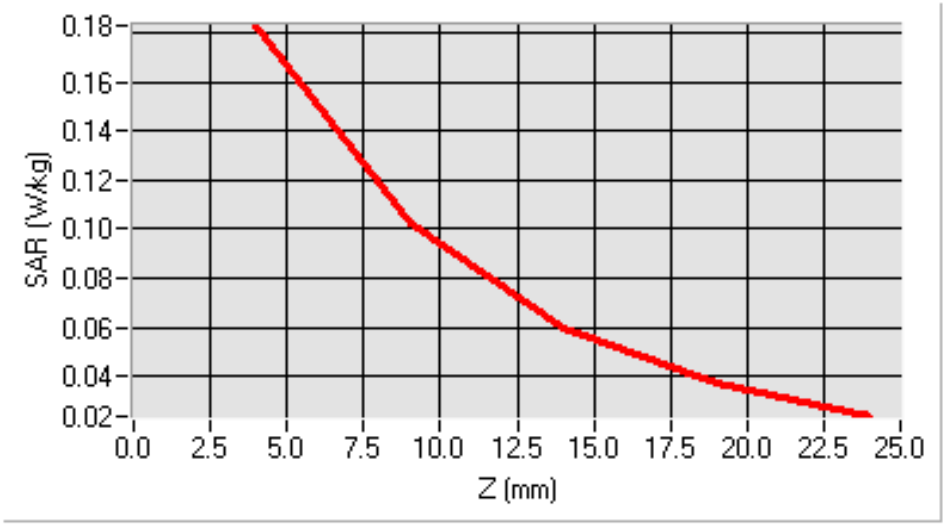


Test mode: GSM1900, Low channel (Left Head Cheek)
Product Description: GSM+WCDMA SMART PHONE
Model: AX540
Test Date: April 27th, 2013

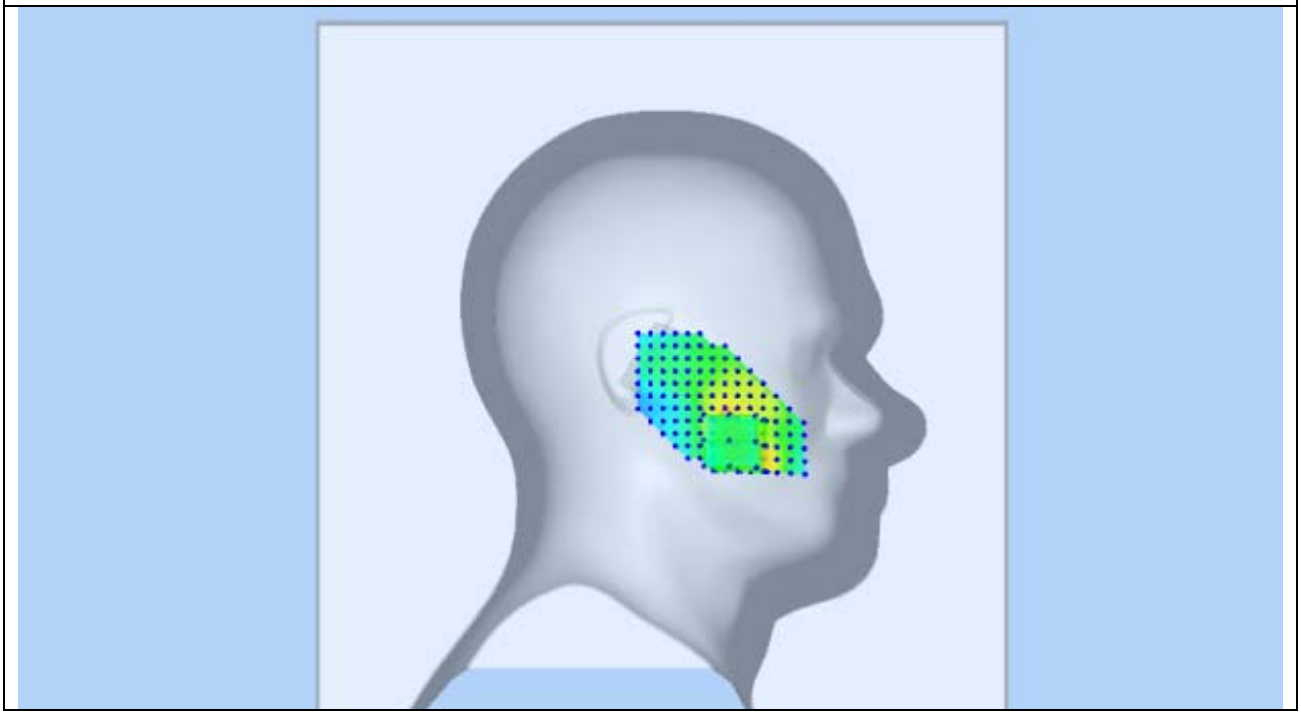
Medium(liquid type)	HSL_1900
Frequency (MHz)	1850.2000
Relative permittivity (real part)	39.81
Conductivity (S/m)	1.38
E-Field Probe	SN 18/11 EPG123
Crest factor	8.0
Conversion Factor	7.92
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	-3.99
SAR 10g (W/Kg)	0.095239
SAR 1g (W/Kg)	0.171587
SURFACE SAR	VOLUME SAR





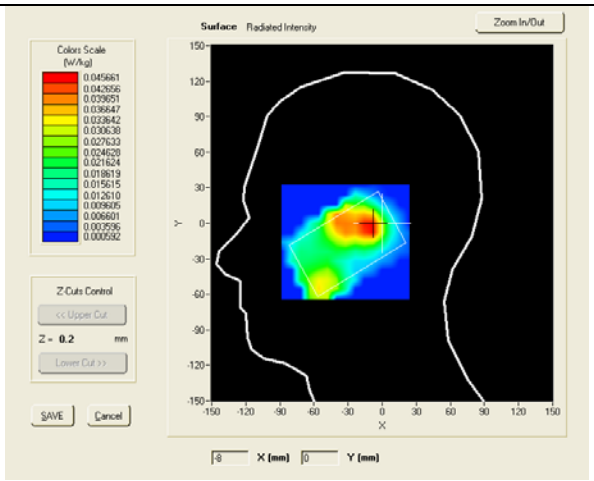


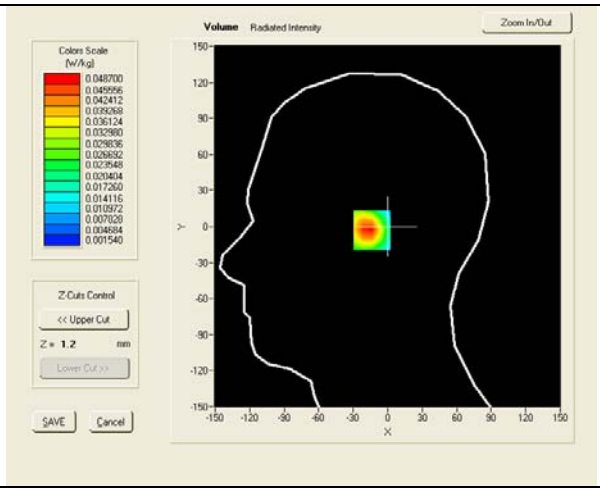
3D screen shot

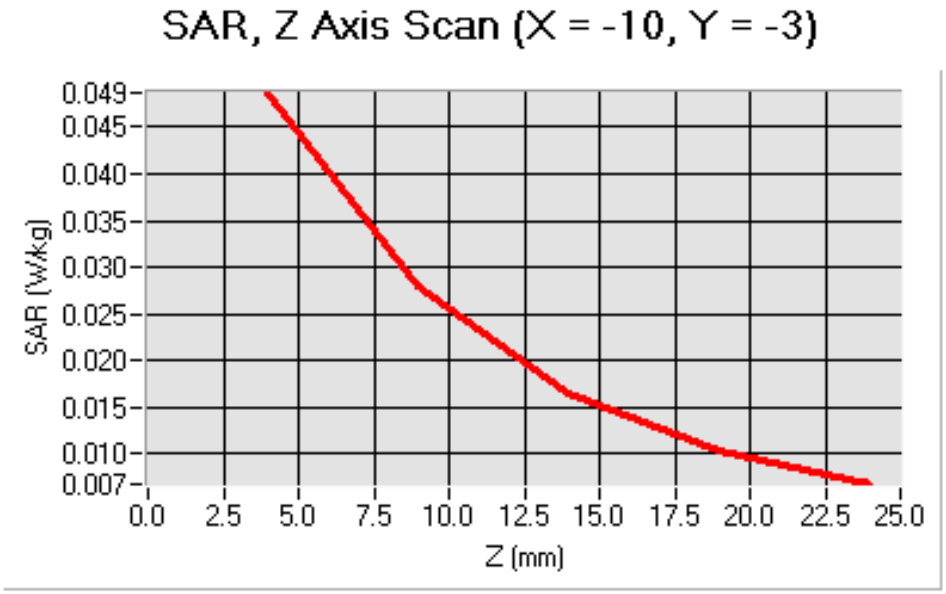


Test mode: GSM1900, Low channel (Left Head Tilt)
Product Description: GSM+WCDMA SMART PHONE
Model: AX540
Test Date: April 27th, 2013

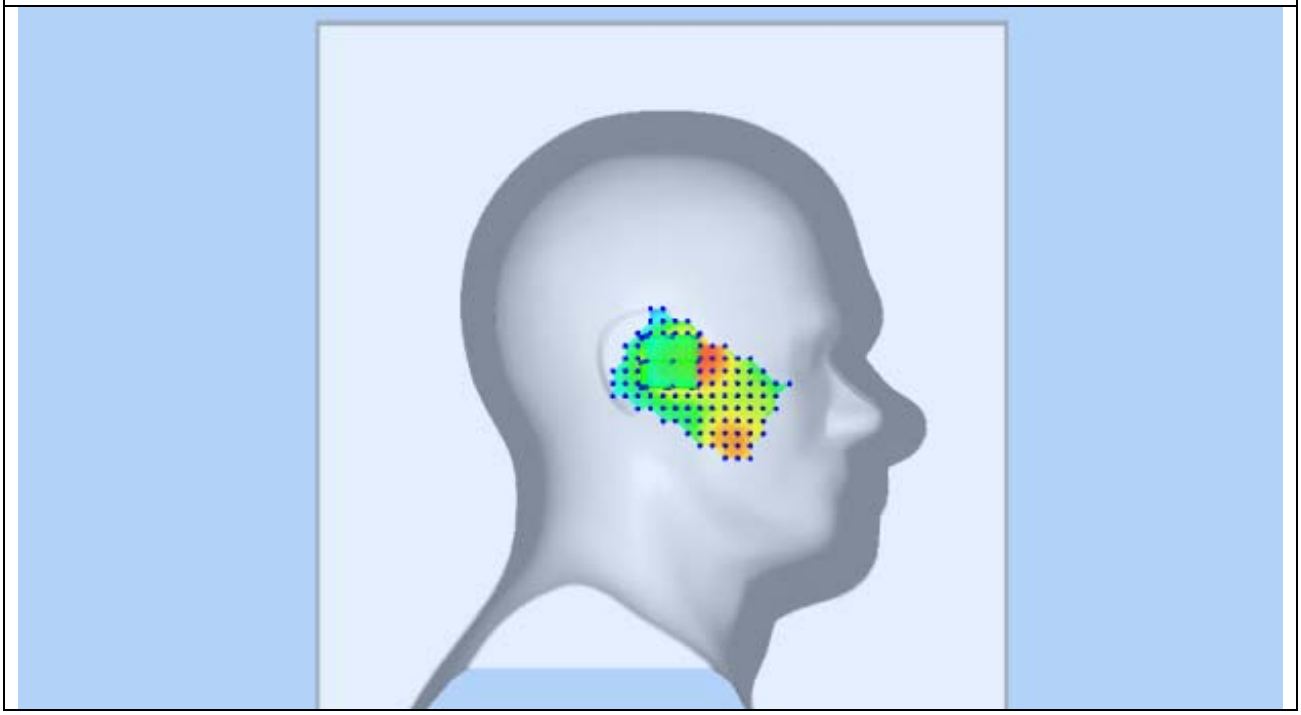
Medium(liquid type)	HSL_1900
Frequency (MHz)	1850.2000
Relative permittivity (real part)	39.81
Conductivity (S/m)	1.38
E-Field Probe	SN 18/11 EPG123
Crest factor	8.0
Conversion Factor	7.92
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	0.66
SAR 10g (W/Kg)	0.026518
SAR 1g (W/Kg)	0.046641
SURFACE SAR	VOLUME SAR





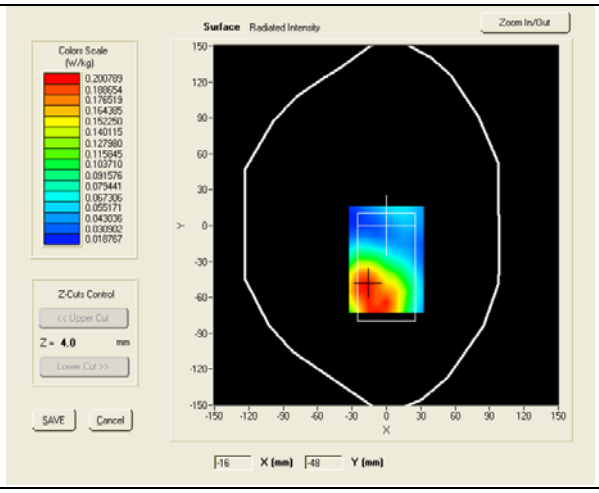


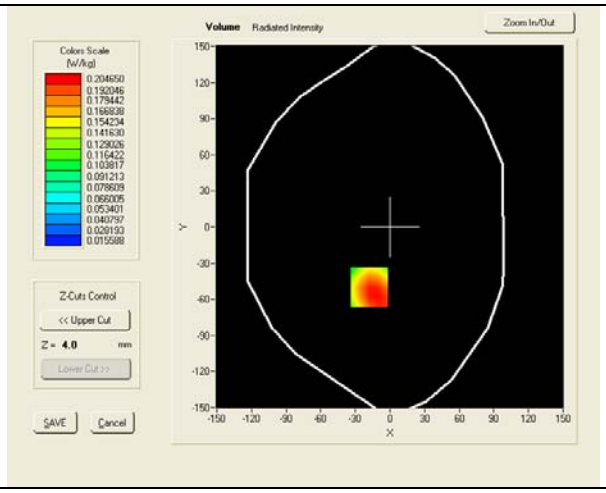
3D screen shot

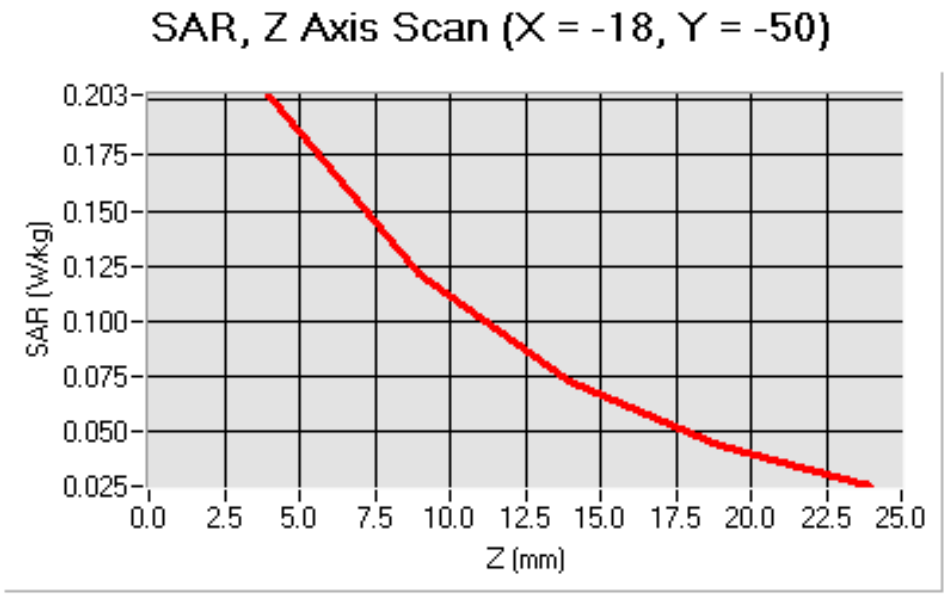


Test mode: GPRS1900, Low channel (Body LCD-UP)
Product Description: GSM+WCDMA SMART PHONE
Model: AX540
Test Date: April 27th, 2013

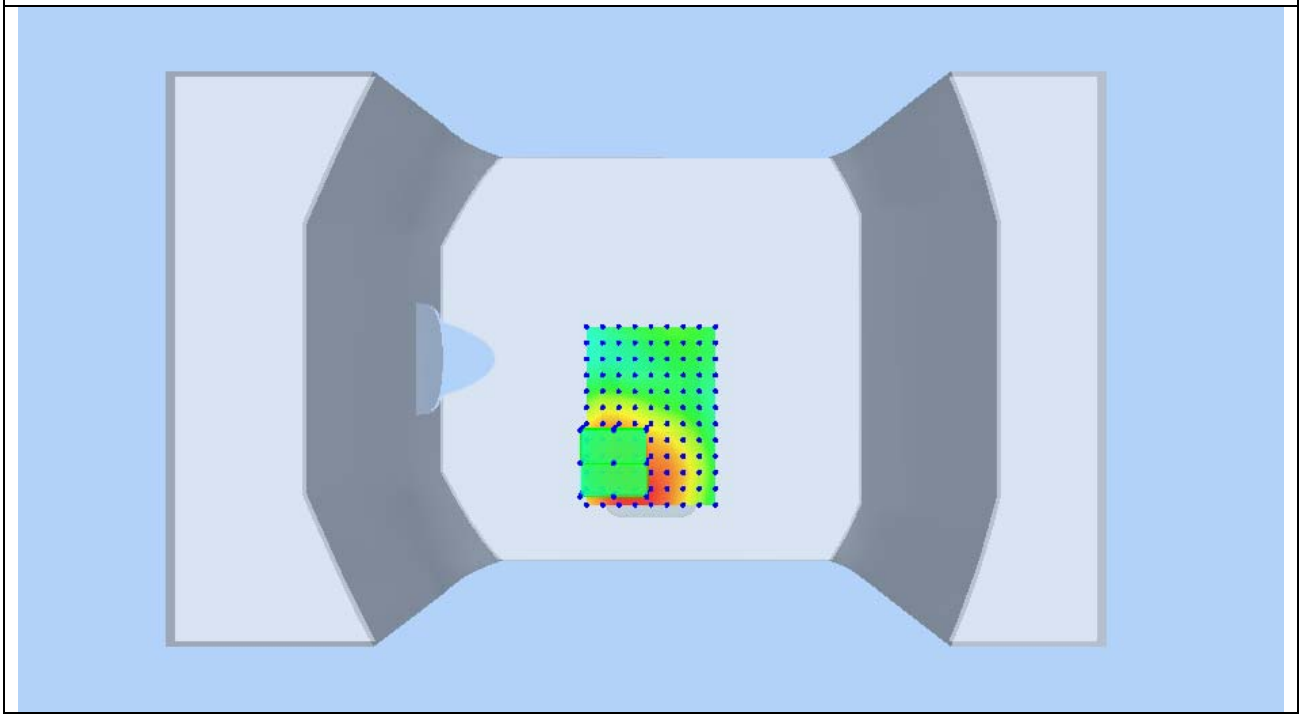
Medium(liquid type)	HSL_1900
Frequency (MHz)	1850.2000
Relative permittivity (real part)	53.29
Conductivity (S/m)	1.47
E-Field Probe	SN 18/11 EPG123
Crest factor	2.0
Conversion Factor	8.18
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	-1.19
SAR 10g (W/Kg)	0.119375
SAR 1g (W/Kg)	0.197658
SURFACE SAR	VOLUME SAR





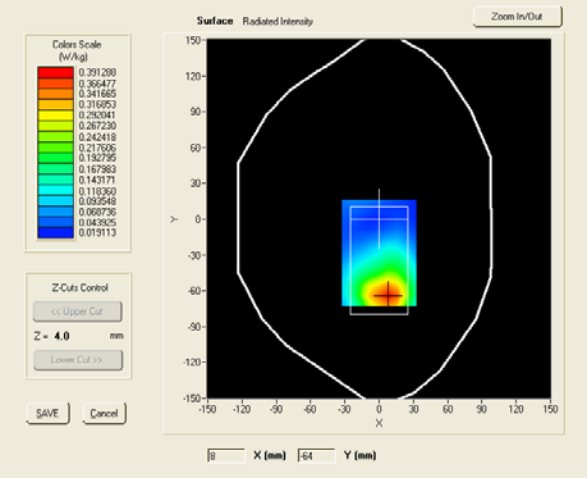


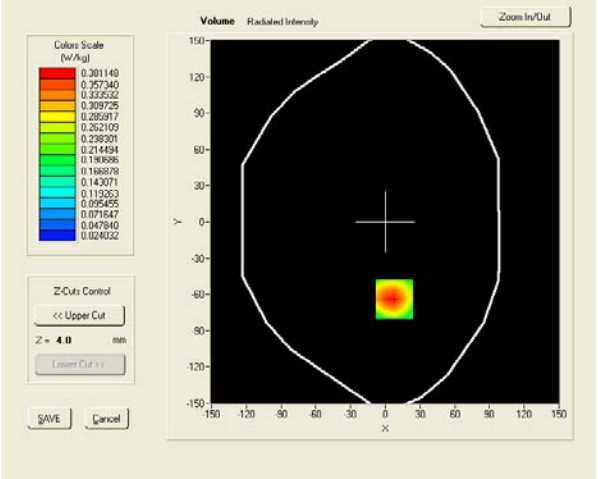
3D screen shot

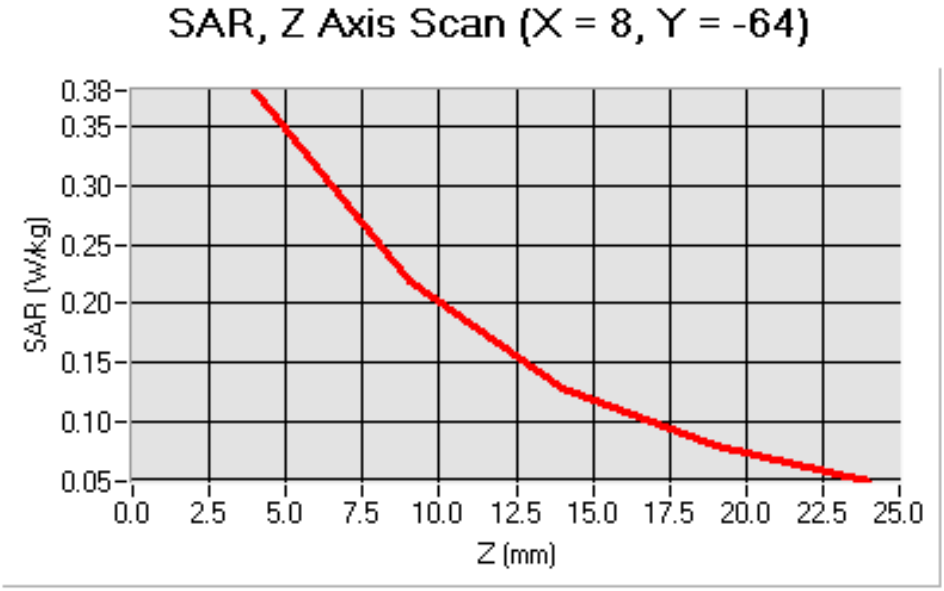


Test mode: GPRS1900, Low channel (Body LCD-DOWN)
Product Description: GSM+WCDMA SMART PHONE
Model: AX540
Test Date: April 27th, 2013

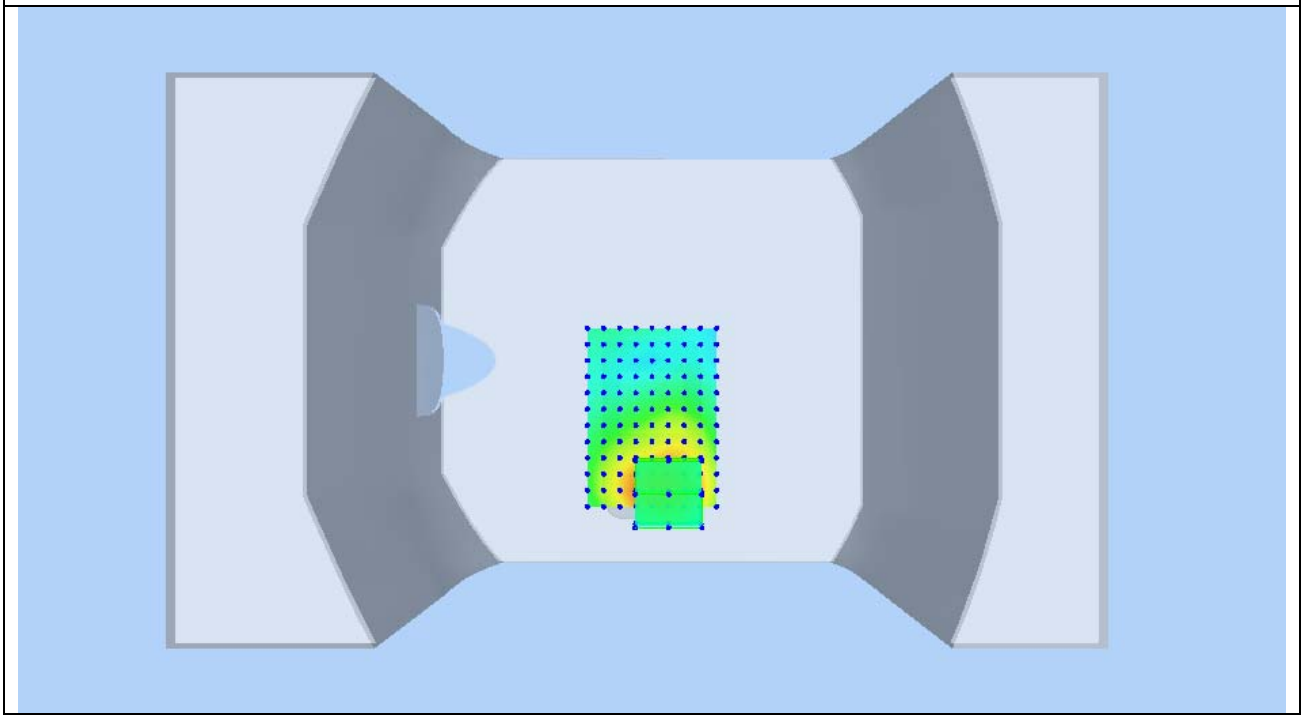
Medium(liquid type)	MSL_1900
Frequency (MHz)	1850.20000
Relative permittivity (real part)	53.29
Conductivity (S/m)	1.47
E-Field Probe	SN 18/11 EPG123
Crest factor	2.0
Conversion Factor	8.18
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	-0.97
SAR 10g (W/Kg)	0.208268
SAR 1g (W/Kg)	0.362031
SURFACE SAR	VOLUME SAR





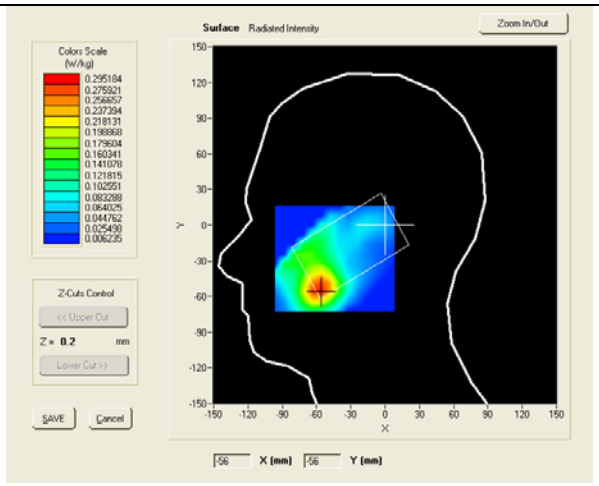


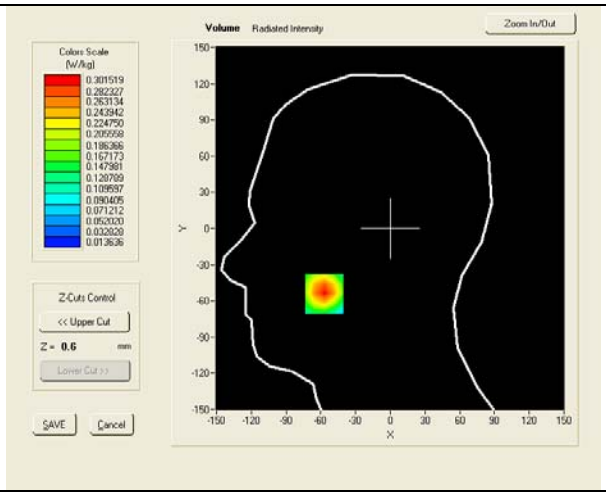
3D screen shot

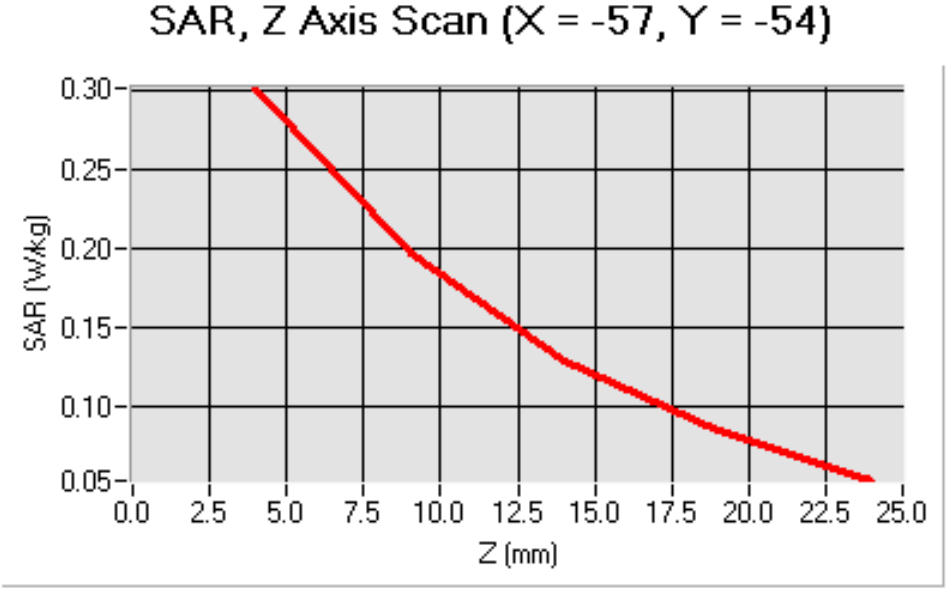


Test mode: WCDMA BAND Ⅱ , low channel (Right Head Cheek)
Product Description: GSM+WCDMA SMART PHONE
Model: AX540
Test Date: April 27th, 2013

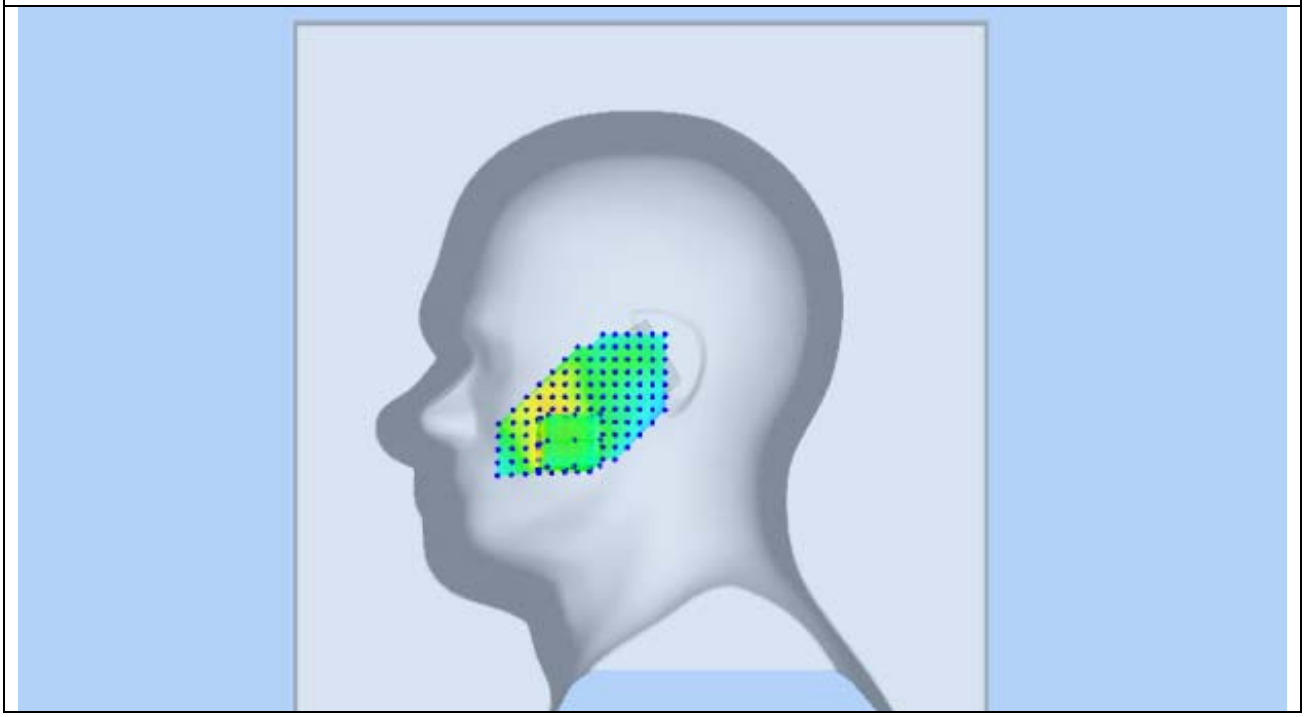
Medium(liquid type)	HSL_1900
Frequency (MHz)	1852.40000
Relative permitivity (real part)	39.81
Conductivity (S/m)	1.38
E-Field Probe	SN 18/11 EPG123
Crest factor	1.0
Conversion Factor	9.09
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	1.94
SAR 10g (W/Kg)	0.167982
SAR 1g (W/Kg)	0.283214
SURFACE SAR	VOLUME SAR





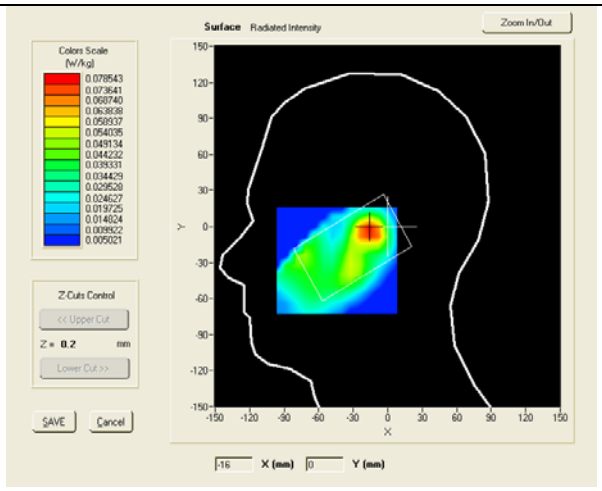


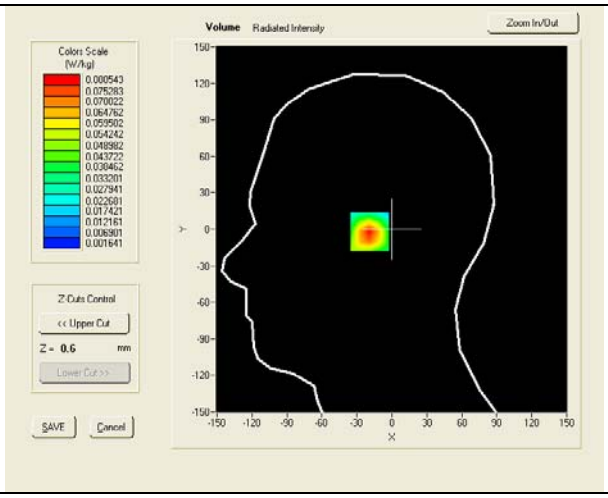
3D screen shot

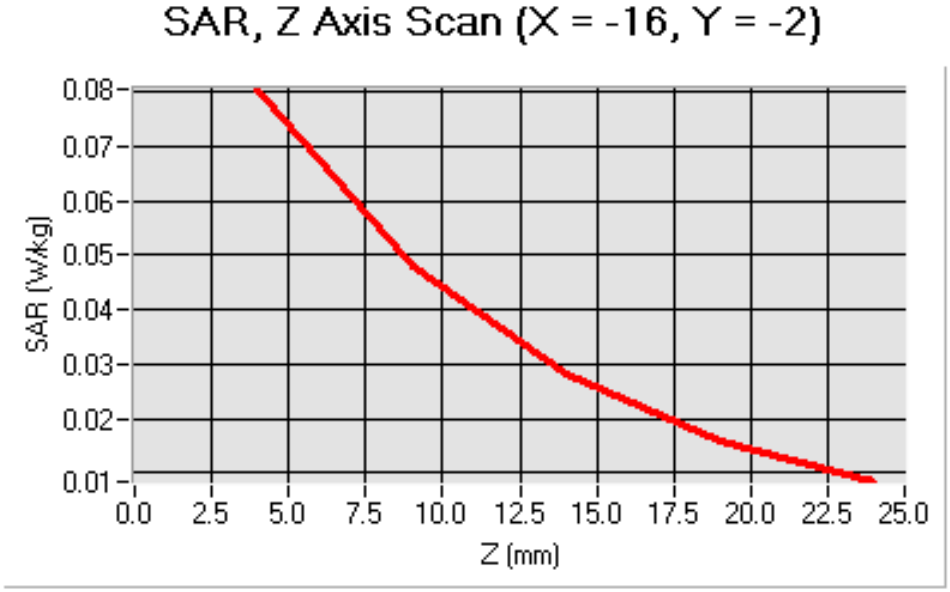


Test mode: WCDMA BAND Ⅱ , middle channel (Right Head Tilt)
Product Description: GSM+WCDMA SMART PHONE
Model: AX540
Test Date: April 27th, 2013

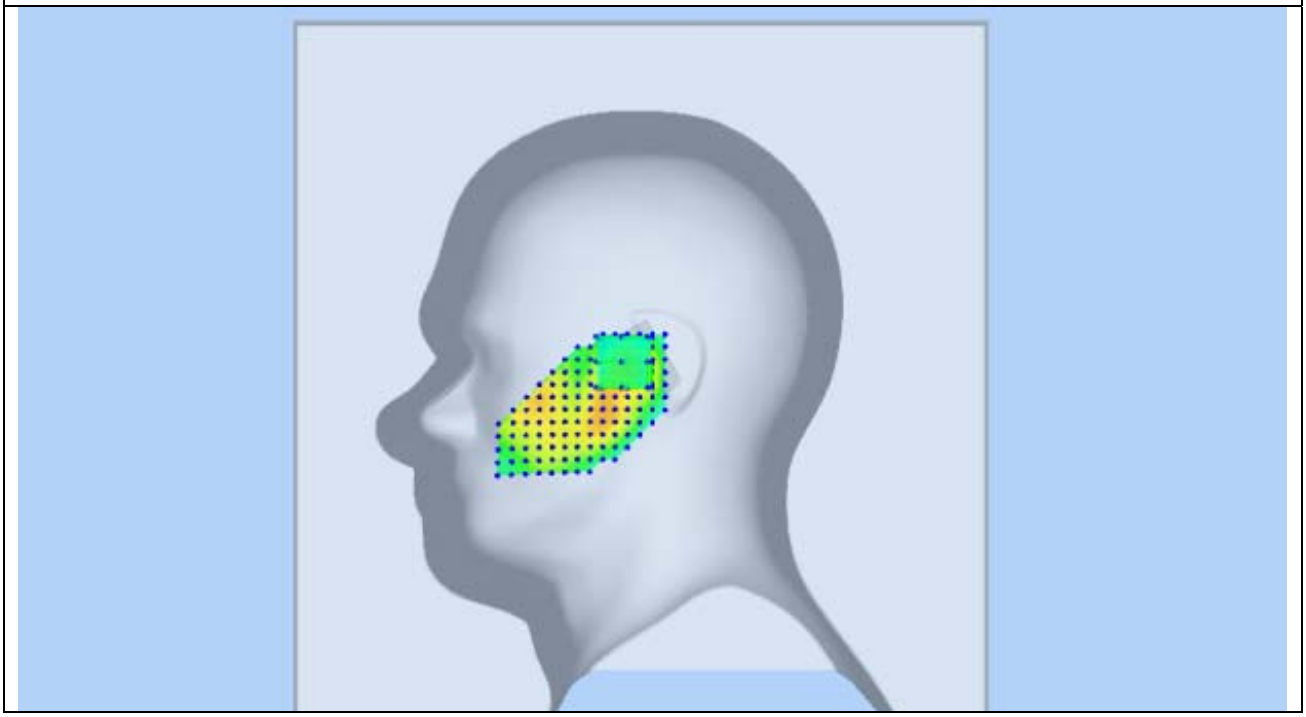
Medium(liquid type)	HSL_1900
Frequency (MHz)	1852.40000
Relative permitivity (real part)	39.81
Conductivity (S/m)	1.38
E-Field Probe	SN 18/11 EPG123
Crest factor	1.0
Conversion Factor	9.09
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	3.34
SAR 10g (W/Kg)	0.041109
SAR 1g (W/Kg)	0.075031
SURFACE SAR	VOLUME SAR





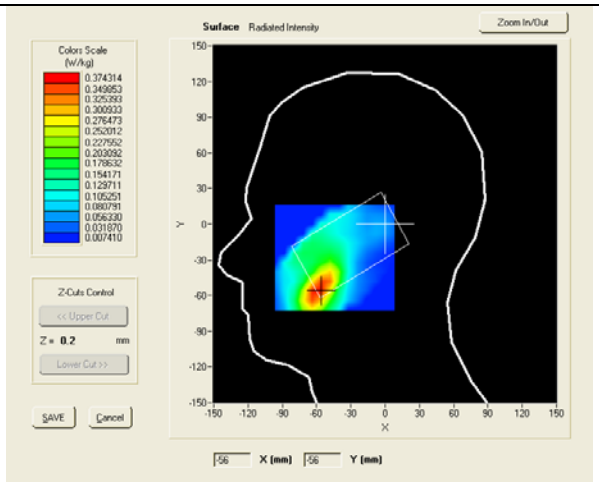


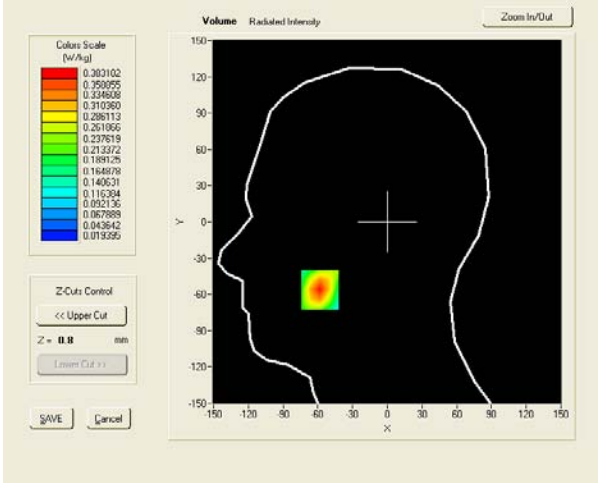
3D screen shot

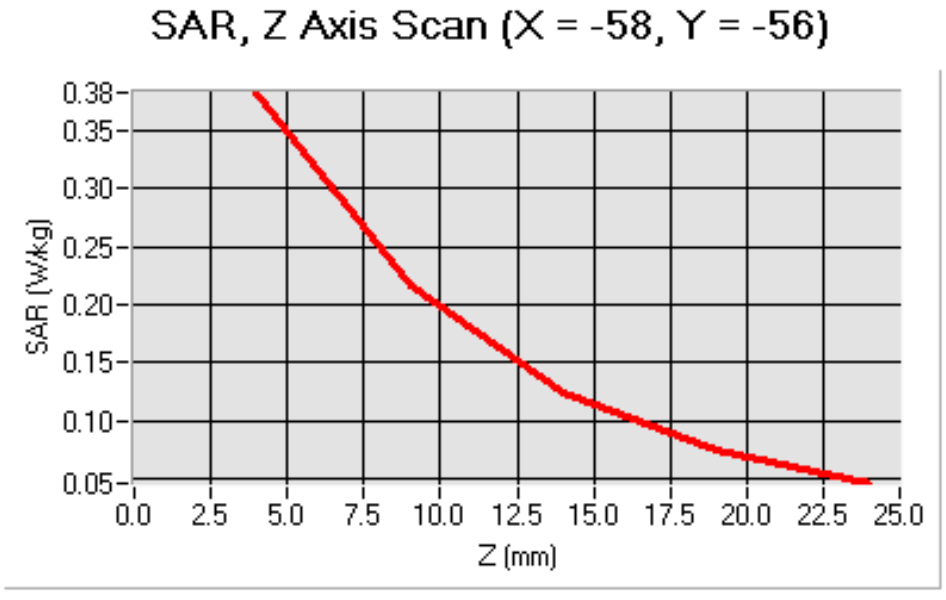


Test mode: WCDMA BAND Ⅱ , middle channel (left Head Cheek)
Product Description: GSM+WCDMA SMART PHONE
Model: AX540
Test Date: April 27th, 2013

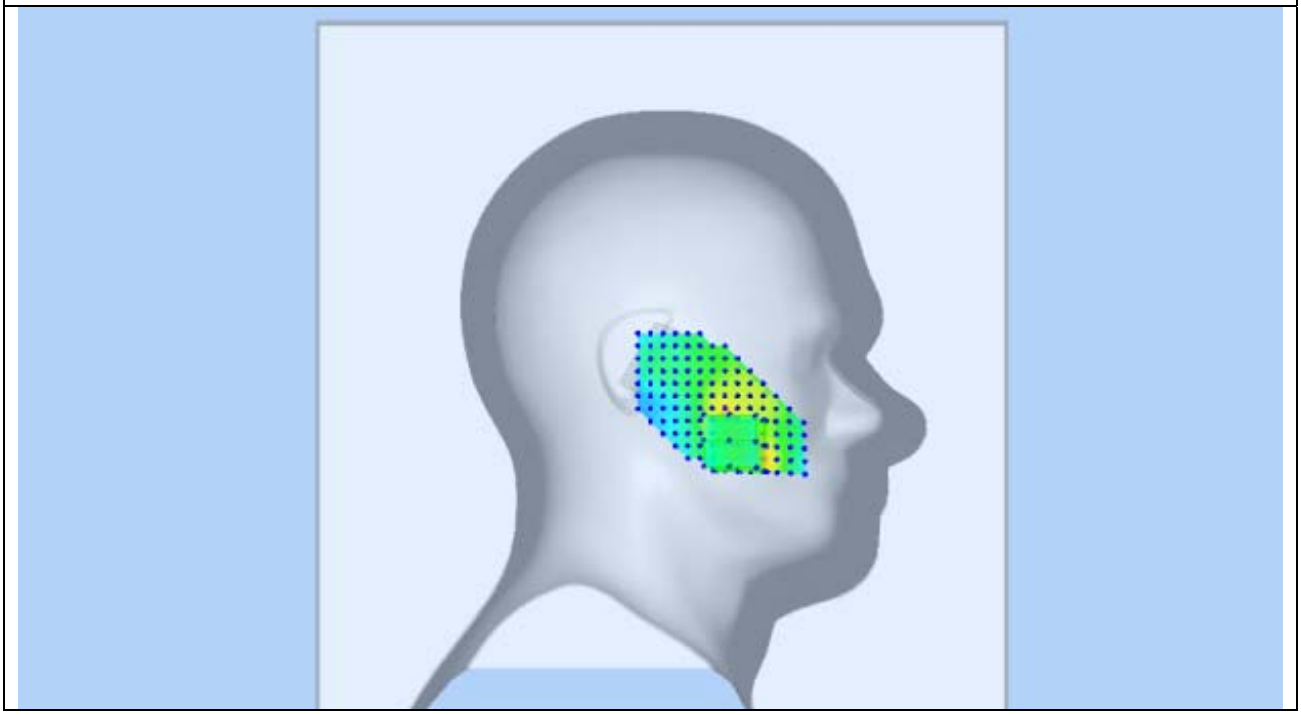
Medium(liquid type)	HSL_1900
Frequency (MHz)	1852.40000
Relative permitivity (real part)	39.81
Conductivity (S/m)	1.38
E-Field Probe	SN 18/11 EPG123
Crest factor	1.0
Conversion Factor	9.09
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	0.11
SAR 10g (W/Kg)	0.197147
SAR 1g (W/Kg)	0.357408
SURFACE SAR	VOLUME SAR





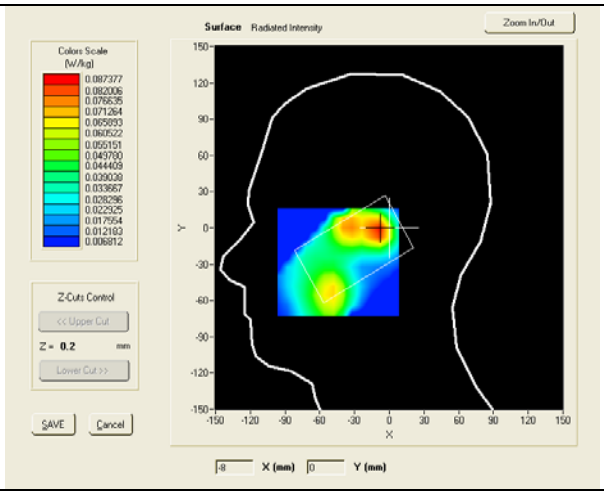


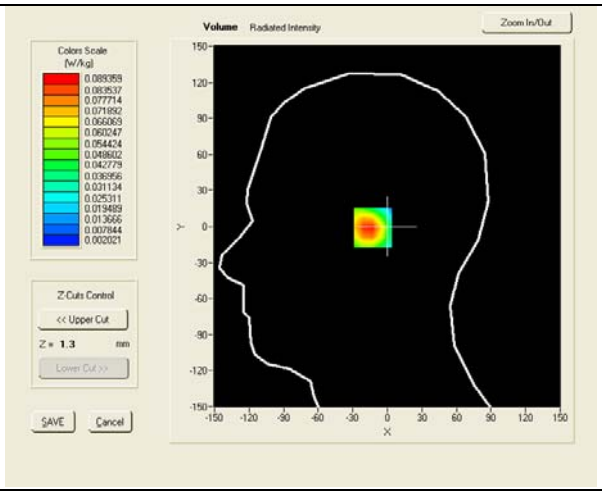
3D screen shot

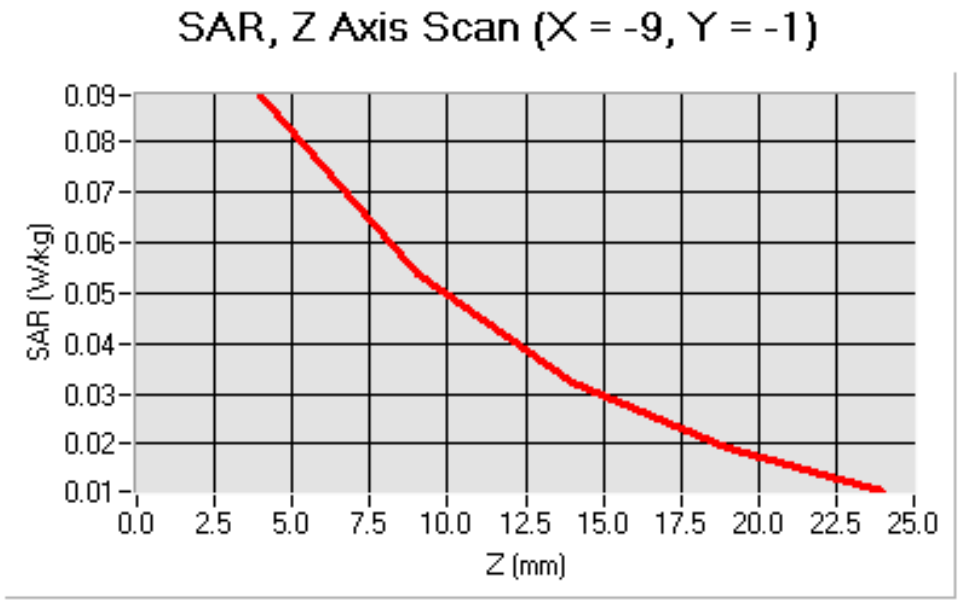


Test mode: WCDMA BAND Ⅱ , middle channel (Left Head Tilt)
Product Description: GSM+WCDMA SMART PHONE
Model: AX540
Test Date: April 27th, 2013

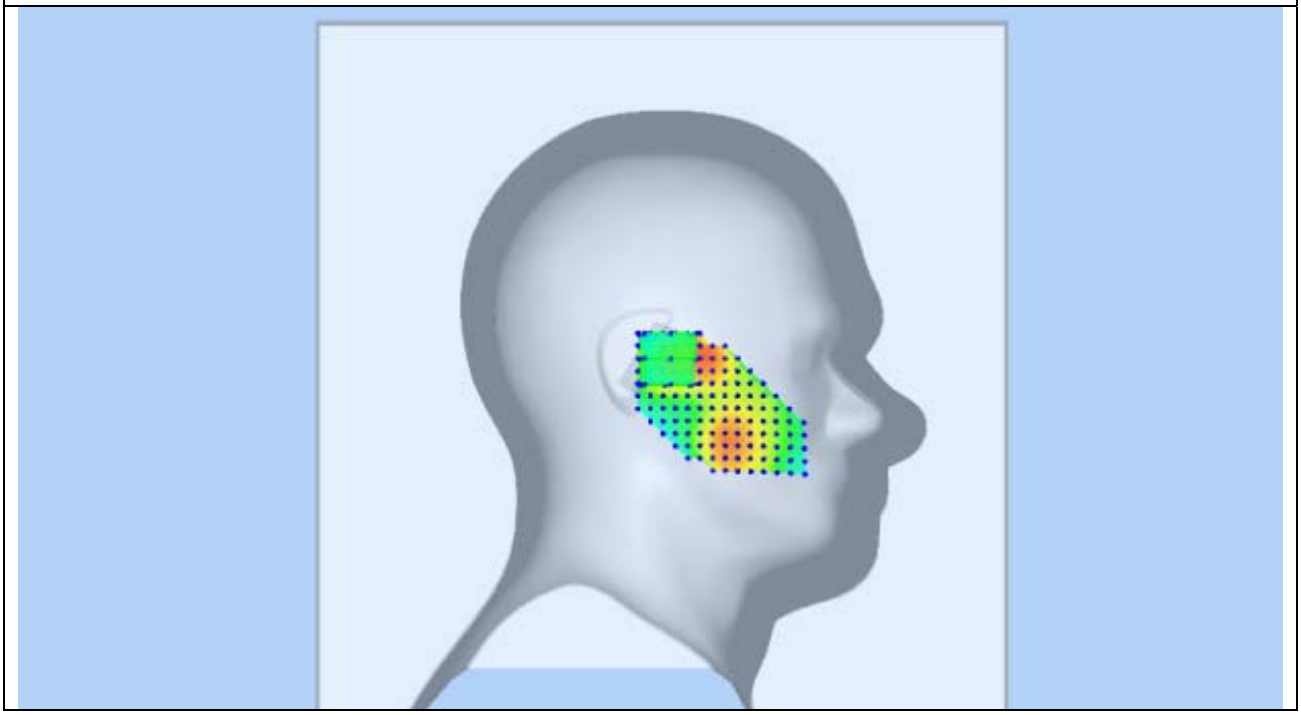
Medium(liquid type)	HSL_1900
Frequency (MHz)	1852.40000
Relative permitivity (real part)	39.81
Conductivity (S/m)	1.38
E-Field Probe	SN 18/11 EPG123
Crest factor	1.0
Conversion Factor	9.09
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	1.72
SAR 10g (W/Kg)	0.048588
SAR 1g (W/Kg)	0.085335
SURFACE SAR	VOLUME SAR





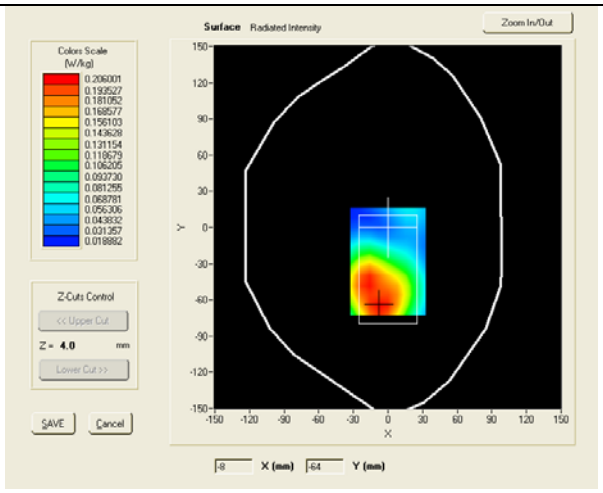


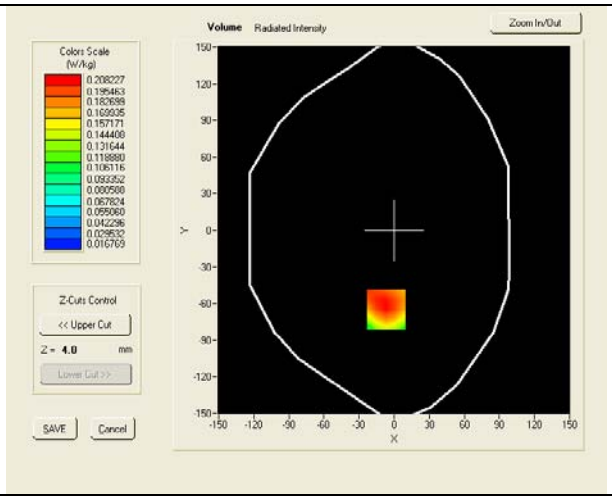
3D screen shot

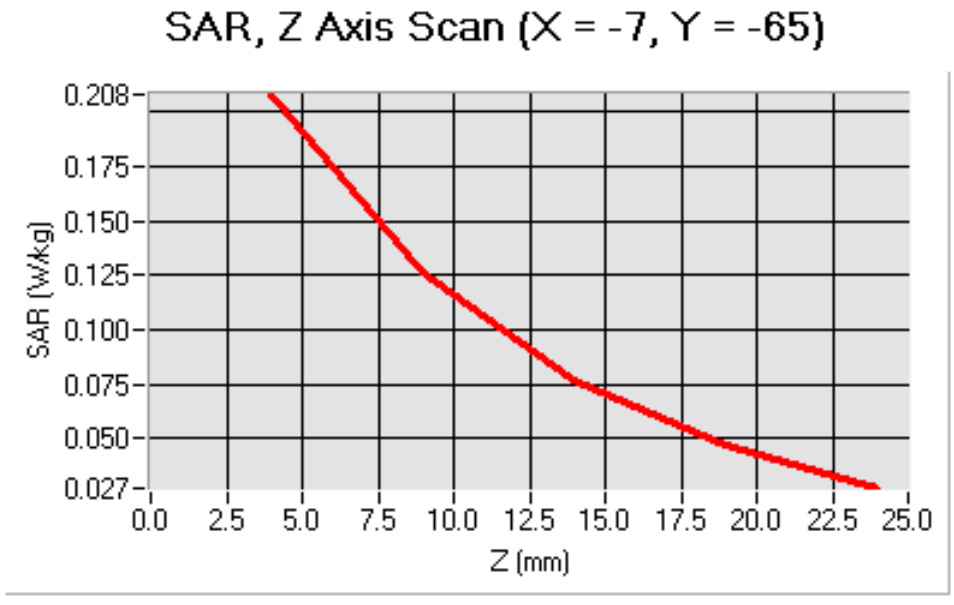


Test mode: WCDMA BAND Ⅱ , middle channel (Body LCD-UP)
Product Description: GSM+WCDMA SMART PHONE
Model: AX540
Test Date: April 27th, 2013

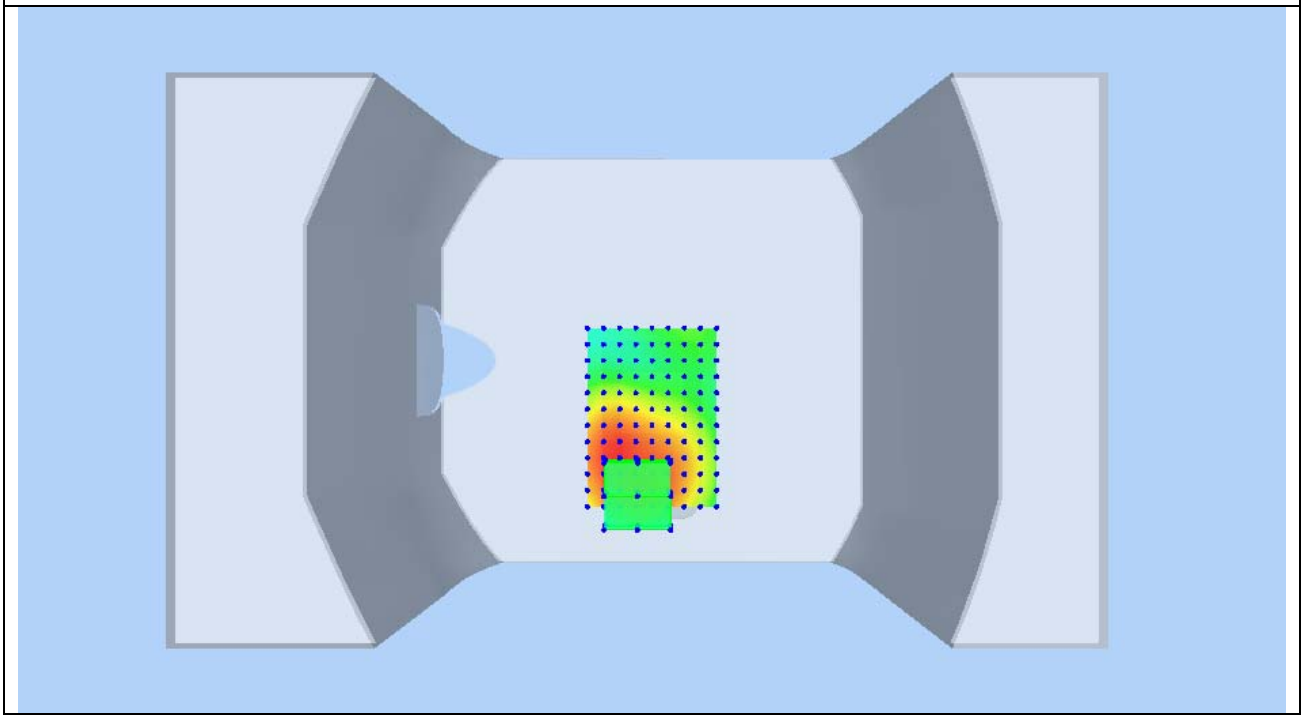
Medium(liquid type)	MSL_1900
Frequency (MHz)	1852.40000
Relative permitivity (real part)	53.29
Conductivity (S/m)	1.47
E-Field Probe	SN 18/11 EPG123
Crest factor	1.0
Conversion Factor	9.32
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	-0.92
SAR 10g (W/Kg)	0.133054
SAR 1g (W/Kg)	0.218081
SURFACE SAR	VOLUME SAR





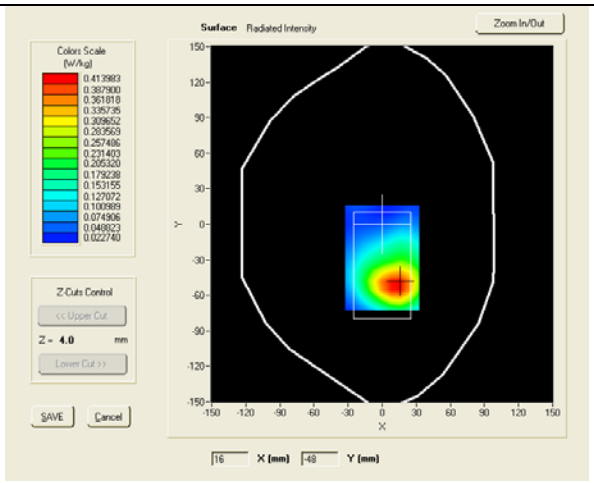


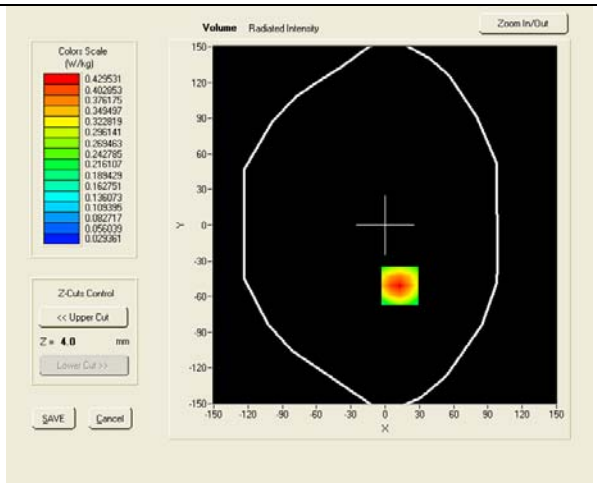
3D screen shot

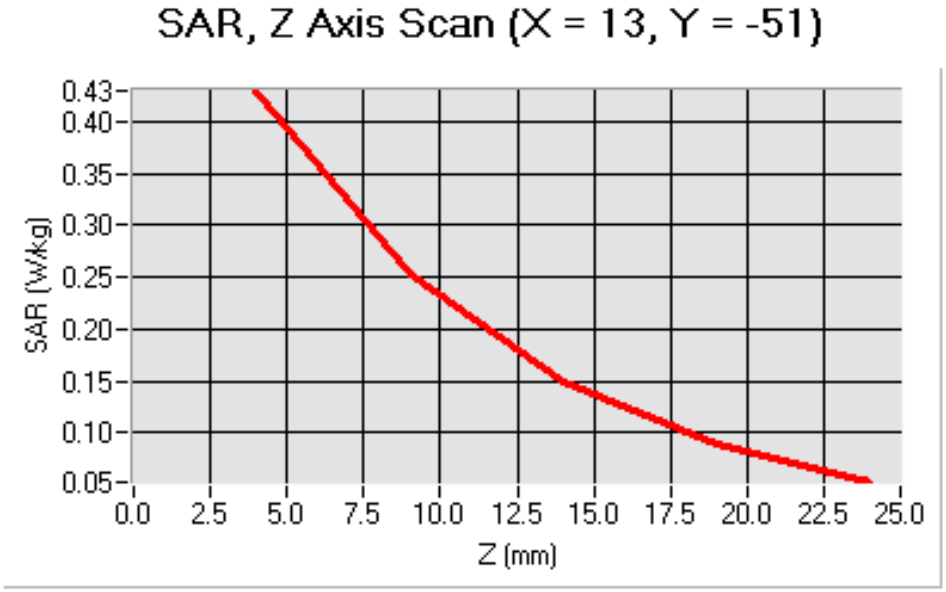


Test mode: WCDMA BAND Ⅱ , middle channel (Body LCD-DOWN)
Product Description: GSM+WCDMA SMART PHONE
Model: AX540
Test Date: April 27th, 2013

Medium(liquid type)	MSL_1900
Frequency (MHz)	1852.40000
Relative permitivity (real part)	53.29
Conductivity (S/m)	1.47
E-Field Probe	SN 18/11 EPG123
Crest factor	1.0
Conversion Factor	9.32
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	-0.62
SAR 10g (W/Kg)	0.253787
SAR 1g (W/Kg)	0.440433
SURFACE SAR	VOLUME SAR







3D screen shot