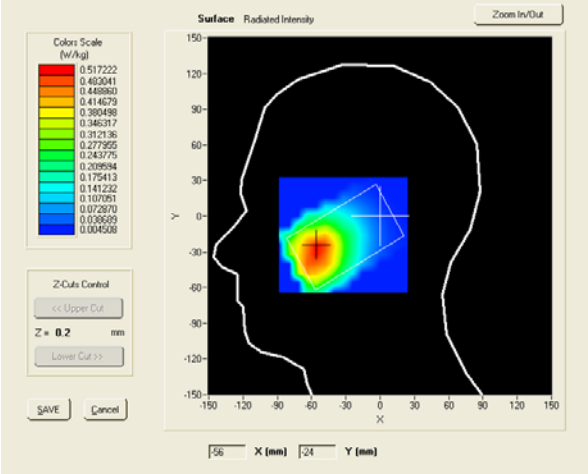
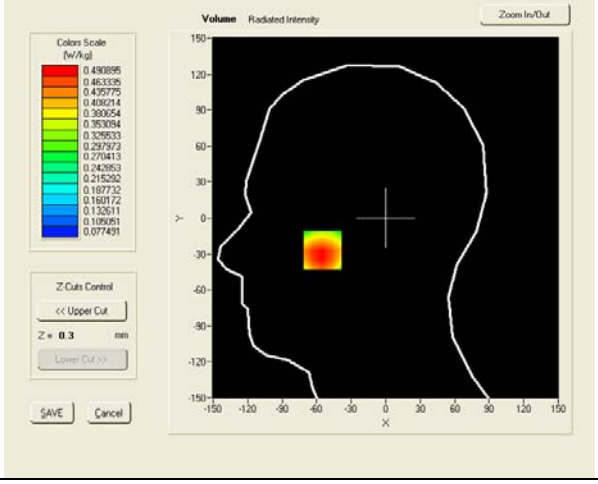
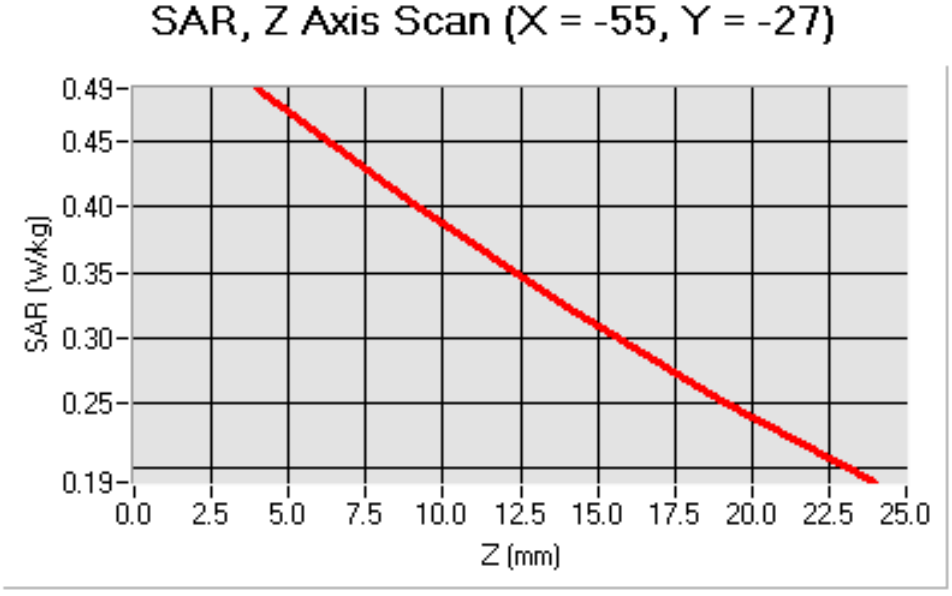
SAR measurement Plots

Test mode: GSM850, low channel (Right Head Cheek)
Product Description: GSM+WCDMA SMART PHONE
Model: AX530
Test Date: April 26th, 2013

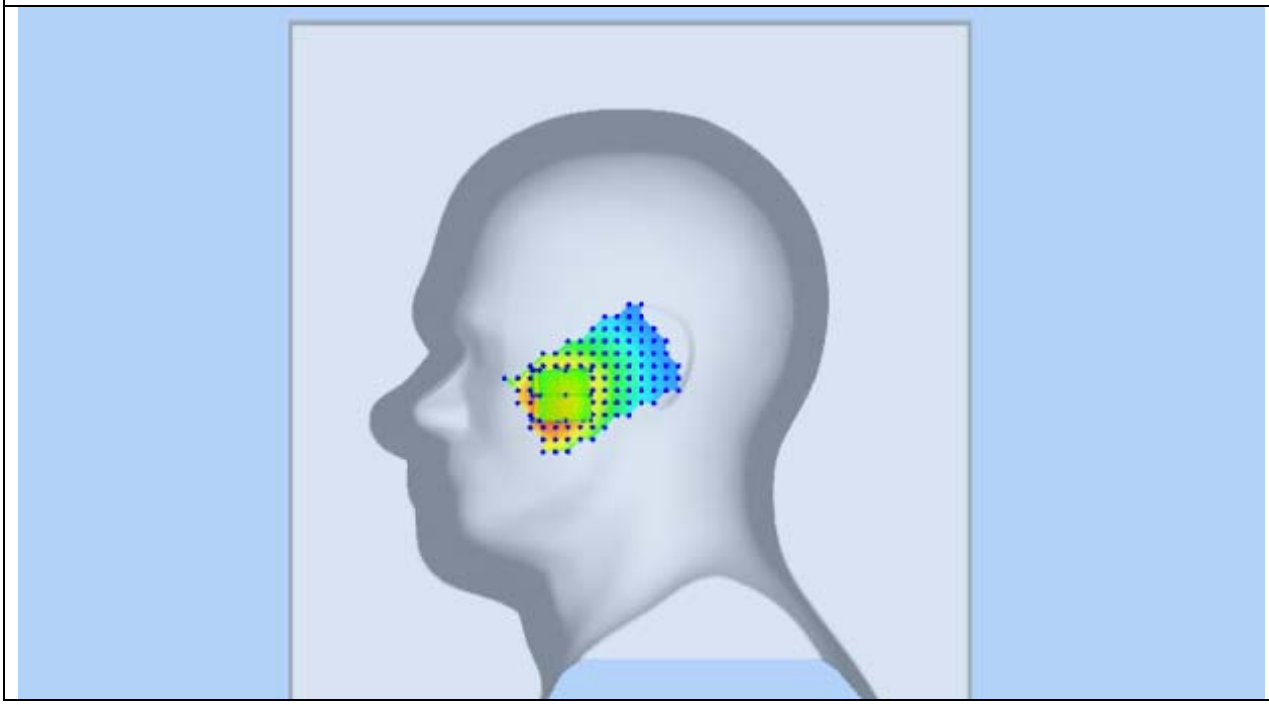
Medium(liquid type)	HSL_850
Frequency (MHz)	824.2000
Relative permittivity (real part)	42.90
Conductivity (S/m)	0.88
E-Field Probe	SN 18/11 EPG123
Crest factor	8.0
Conversion Factor	7.53
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	1.52000
SAR 10g (W/Kg)	0.362374
SAR 1g (W/Kg)	0.482581
SURFACE SAR	VOLUME SAR





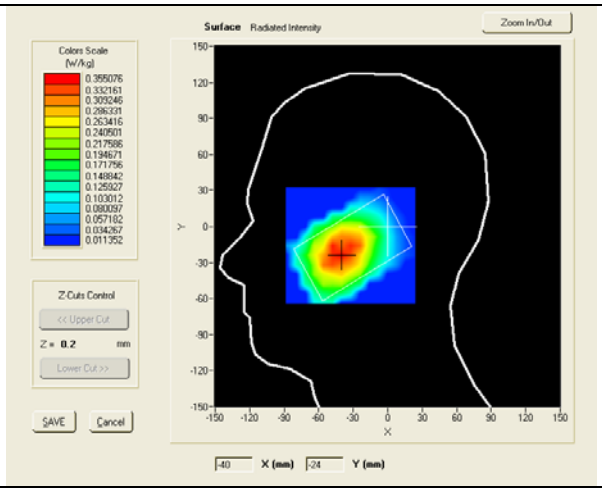


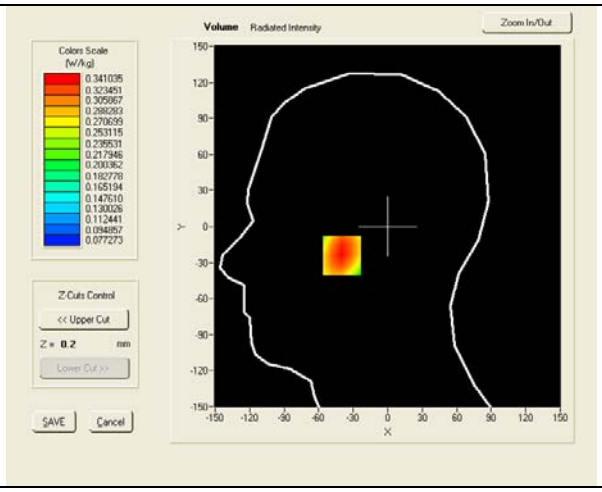
3D screen shot

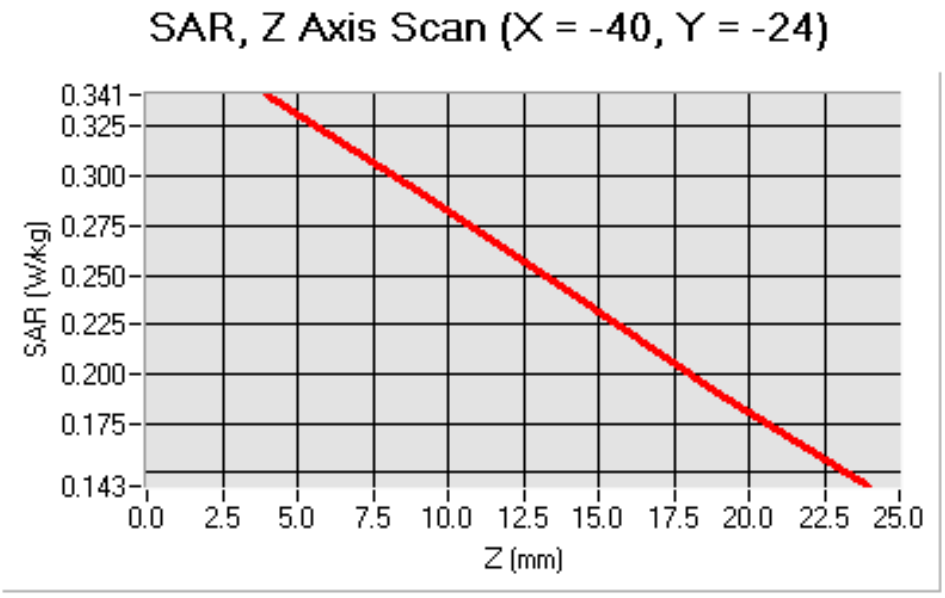


Test mode: GSM850, low channel (Right Head Tilt)
Product Description: GSM+WCDMA SMART PHONE
Model: AX530
Test Date: April 26th, 2013

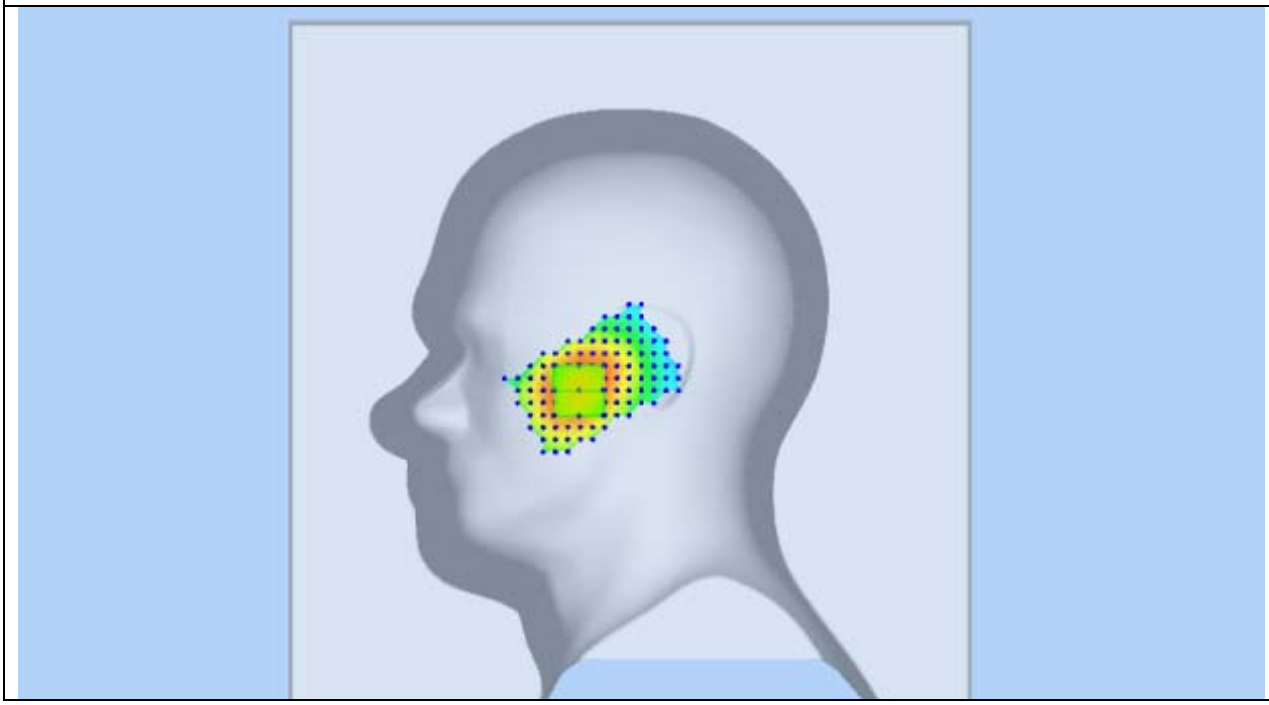
Medium(liquid type)	HSL_850
Frequency (MHz)	824.2000
Relative permittivity (real part)	42.90
Conductivity (S/m)	0.88
E-Field Probe	SN 18/11 EPG123
Crest factor	8.0
Conversion Factor	7.53
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	4.87000
SAR 10g (W/Kg)	0.254041
SAR 1g (W/Kg)	0.335108
SURFACE SAR	VOLUME SAR





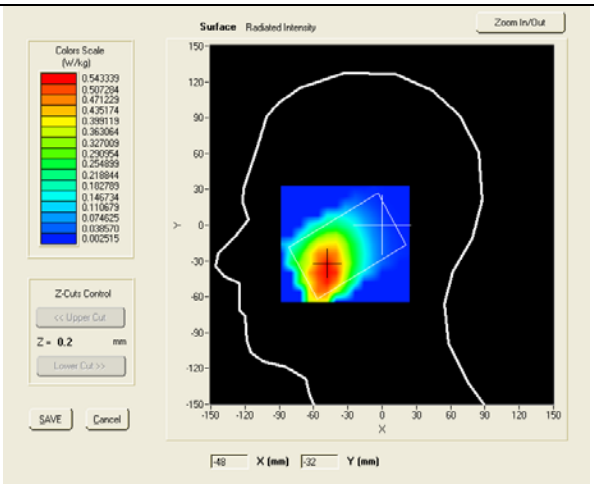


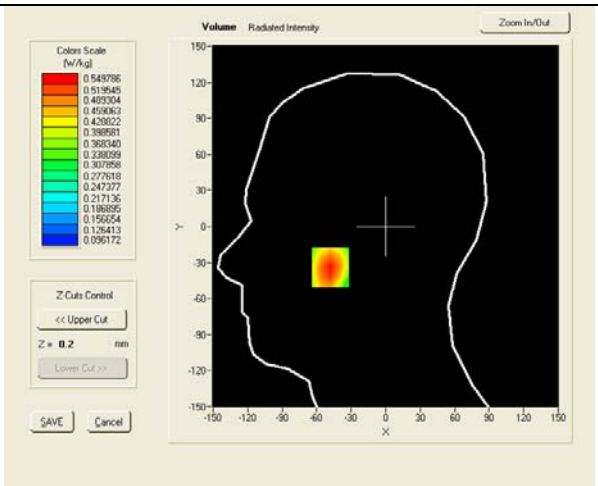
3D screen shot

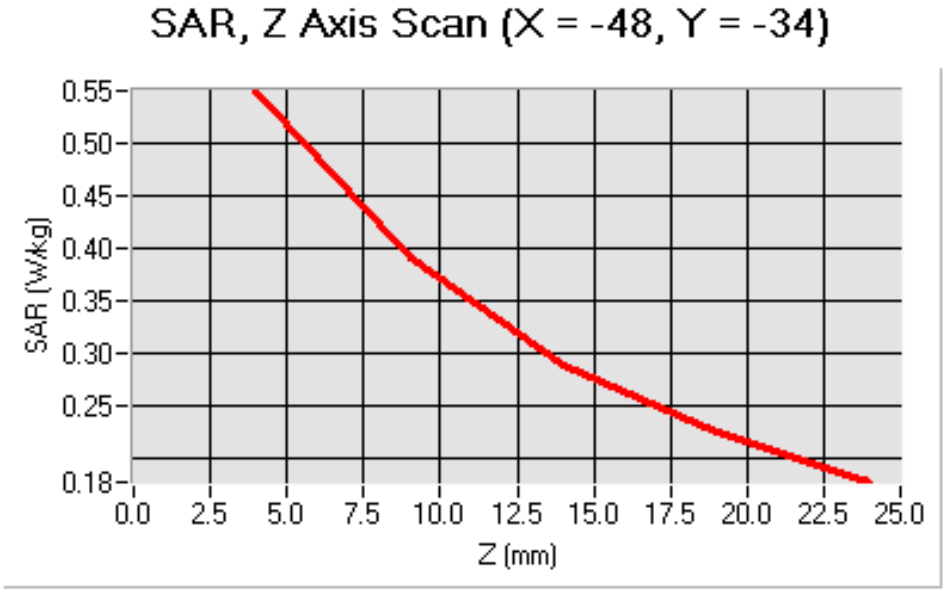


Test mode: GSM850, low channel (Left Head Cheek)
Product Description: GSM+WCDMA SMART PHONE
Model: AX530
Test Date: April 26th, 2013

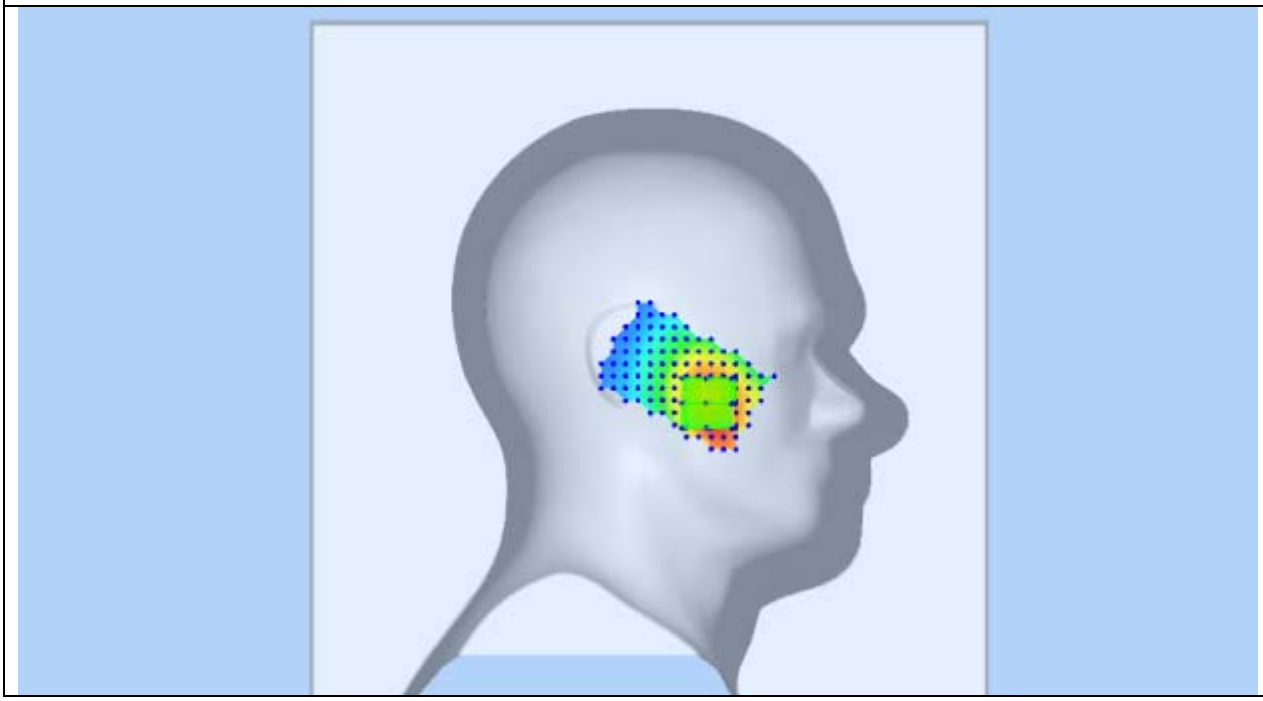
Medium(liquid type)	HSL_850
Frequency (MHz)	824.2000
Relative permittivity (real part)	42.90
Conductivity (S/m)	0.9
E-Field Probe	SN 18/11 EPG123
Crest factor	8.0
Conversion Factor	7.53
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	-1.76000
SAR 10g (W/Kg)	0.364301
SAR 1g (W/Kg)	0.526222
SURFACE SAR	VOLUME SAR





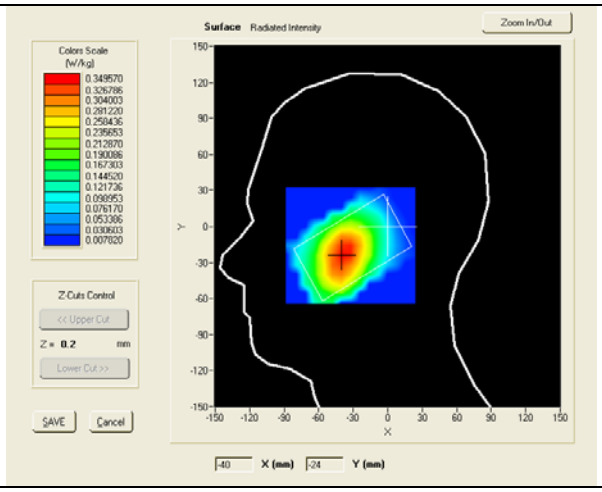


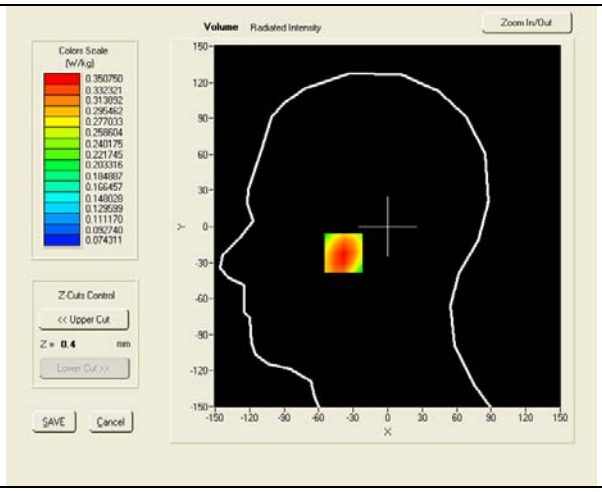
3D screen shot

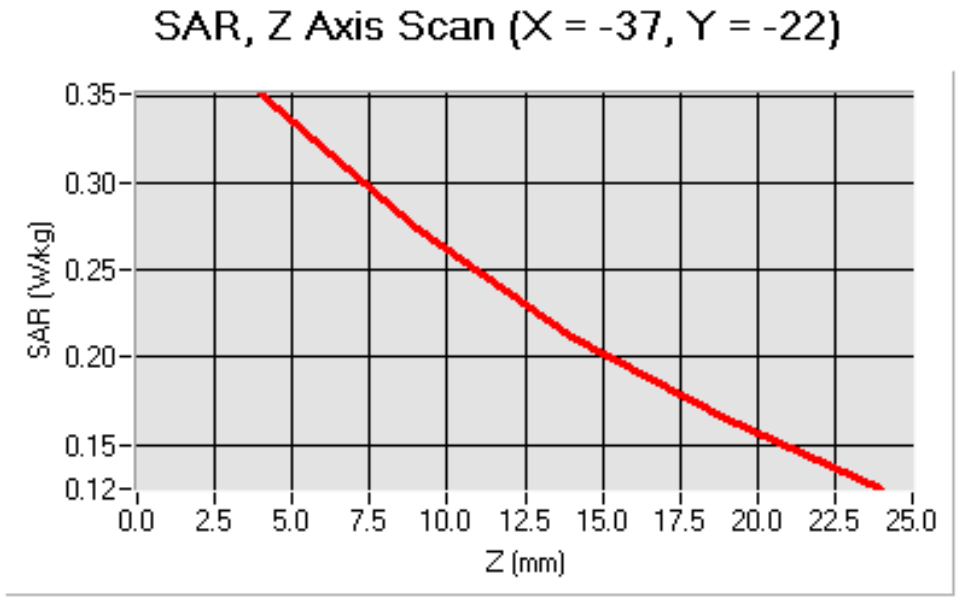


Test mode: GSM850, low channel (Left Head Tilt)
Product Description: GSM+WCDMA SMART PHONE
Model: AX530
Test Date: April 26th, 2013

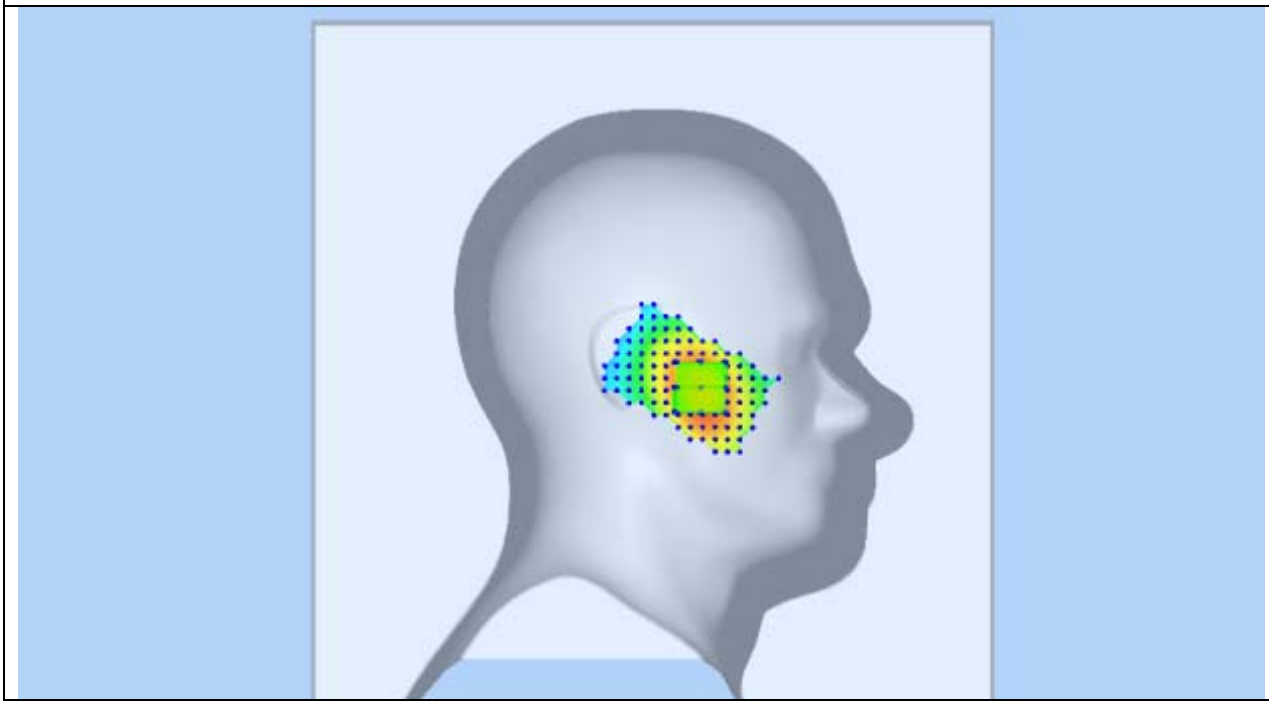
Medium(liquid type)	HSL_850
Frequency (MHz)	824.2000
Relative permittivity (real part)	42.90
Conductivity (S/m)	0.88
E-Field Probe	SN 18/11 EPG123
Crest factor	8.0
Conversion Factor	7.53
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	2.24000
SAR 10g (W/Kg)	0.244710
SAR 1g (W/Kg)	0.338048
SURFACE SAR	VOLUME SAR





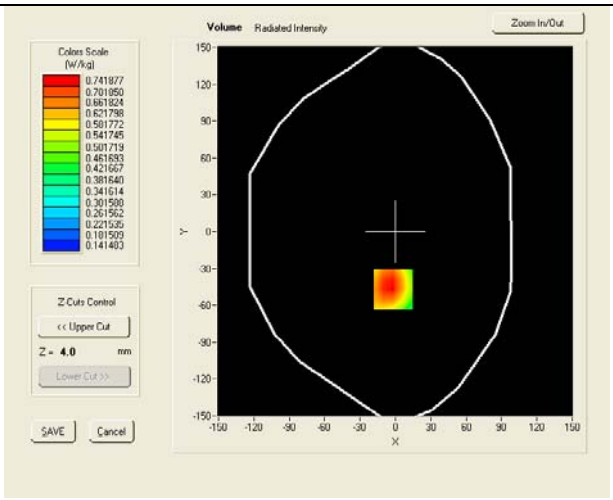


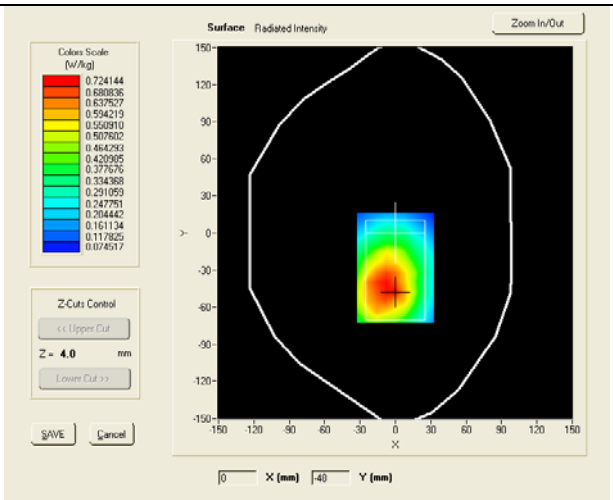
3D screen shot

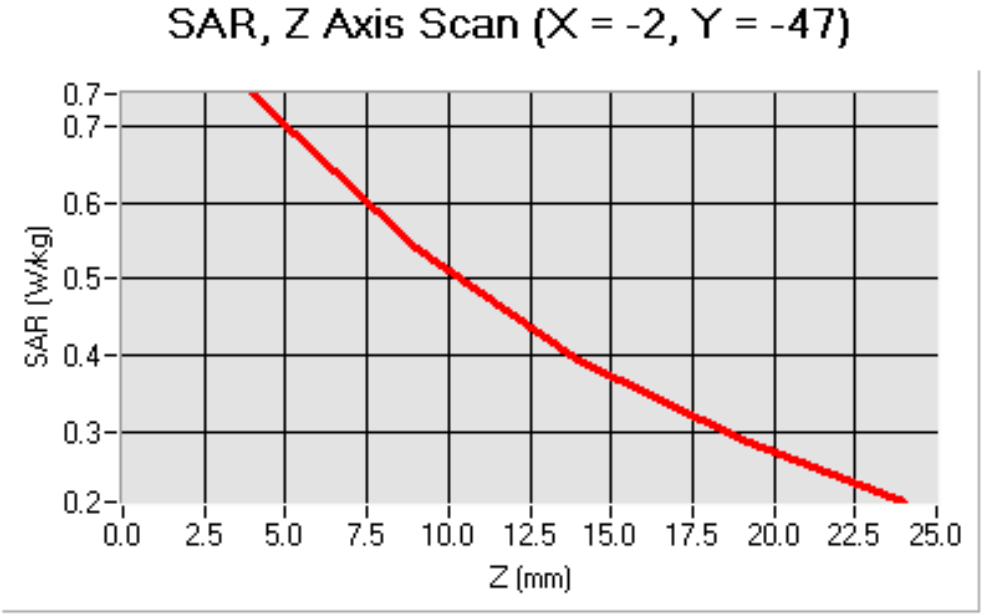


Test mode: GPRS850, low channel (Body-LCD UP)
Product Description: GSM+WCDMA SMART PHONE
Model: AX530
Test Date: April 26th, 2013

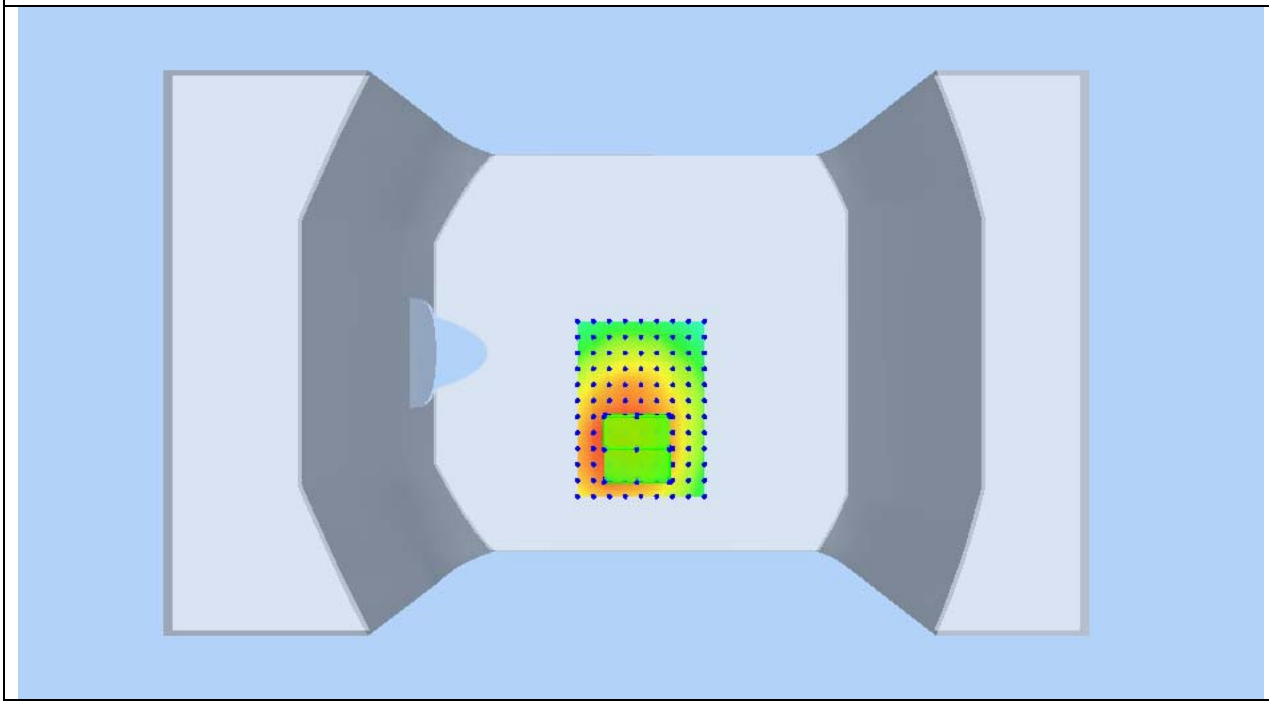
Medium(liquid type)	MSL_850
Frequency (MHz)	824.2000
Relative permittivity (real part)	53.39
Conductivity (S/m)	0.95
E-Field Probe	SN 18/11 EPG123
Crest factor	2.0
Conversion Factor	7.75
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	-0.07
SAR 10g (W/Kg)	0.504079
SAR 1g (W/Kg)	0.720728
SURFACE SAR	VOLUME SAR





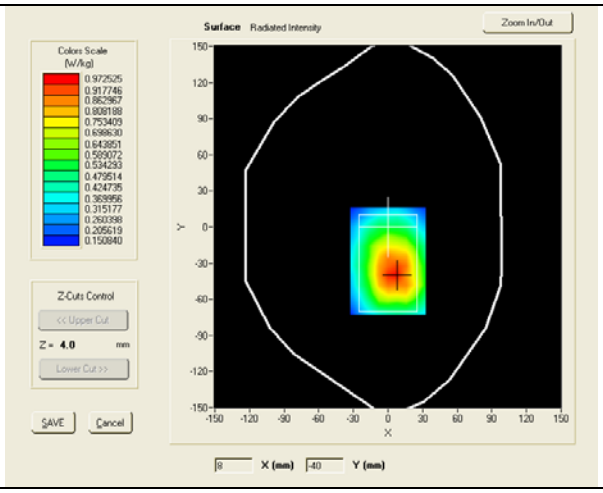


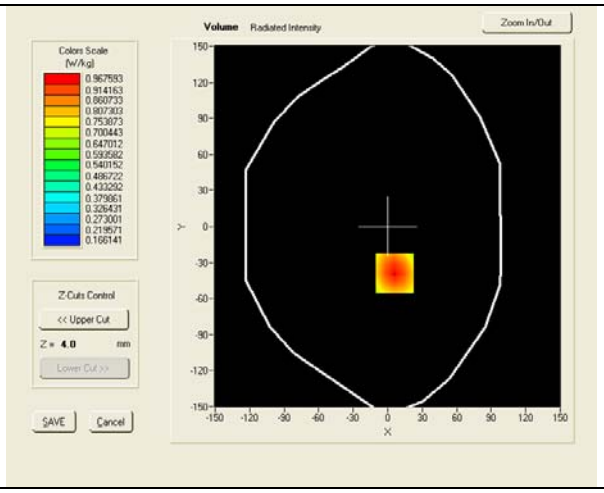
3D screen shot

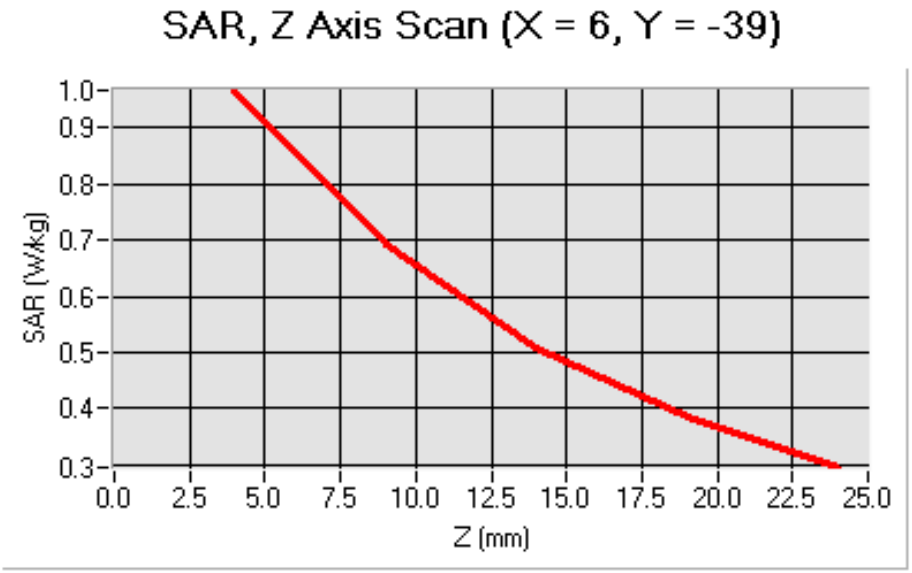


Test mode: GPRS850, low channel (Body-LCD DOWN)
Product Description: GSM+WCDMA SMART PHONE
Model: AX530
Test Date: April 26th, 2013

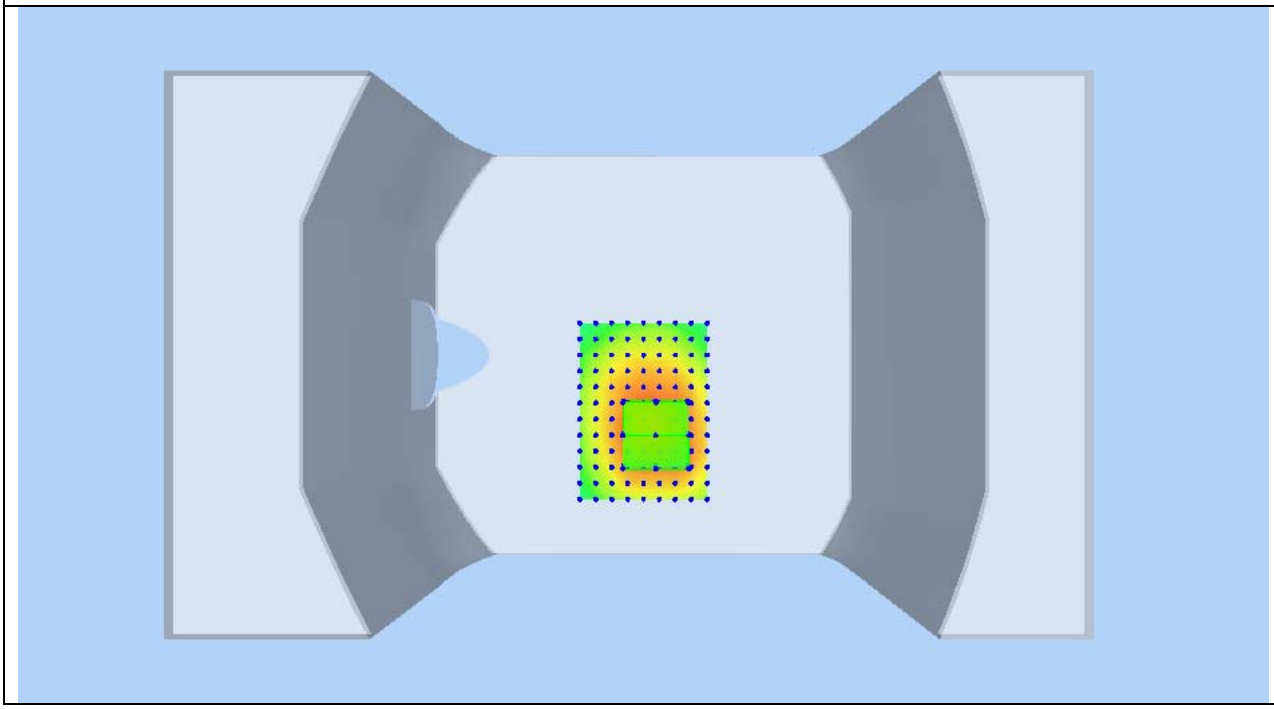
Medium(liquid type)	MSL_850
Frequency (MHz)	824.2000
Relative permittivity (real part)	53.39
Conductivity (S/m)	0.95
E-Field Probe	SN 18/11 EPG123
Crest factor	2.0
Conversion Factor	7.75
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	-0.04000
SAR 10g (W/Kg)	0.648966
SAR 1g (W/Kg)	0.920802
SURFACE SAR	VOLUME SAR





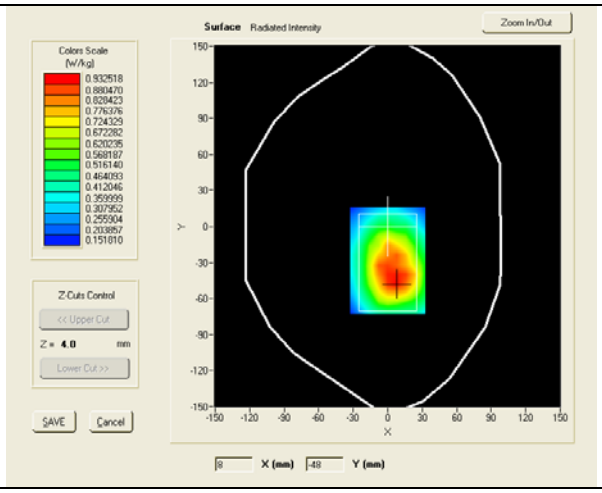


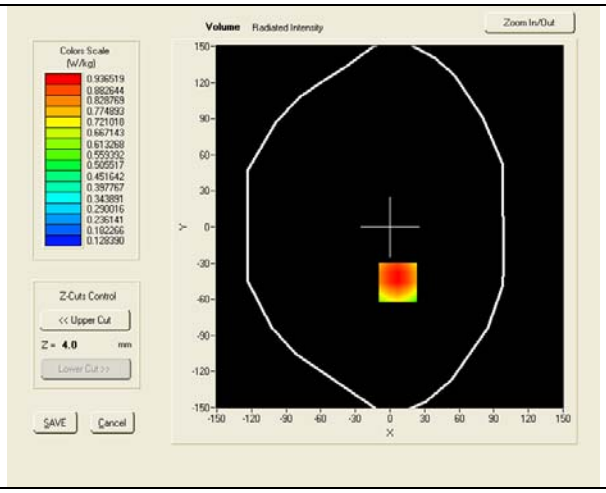
3D screen shot

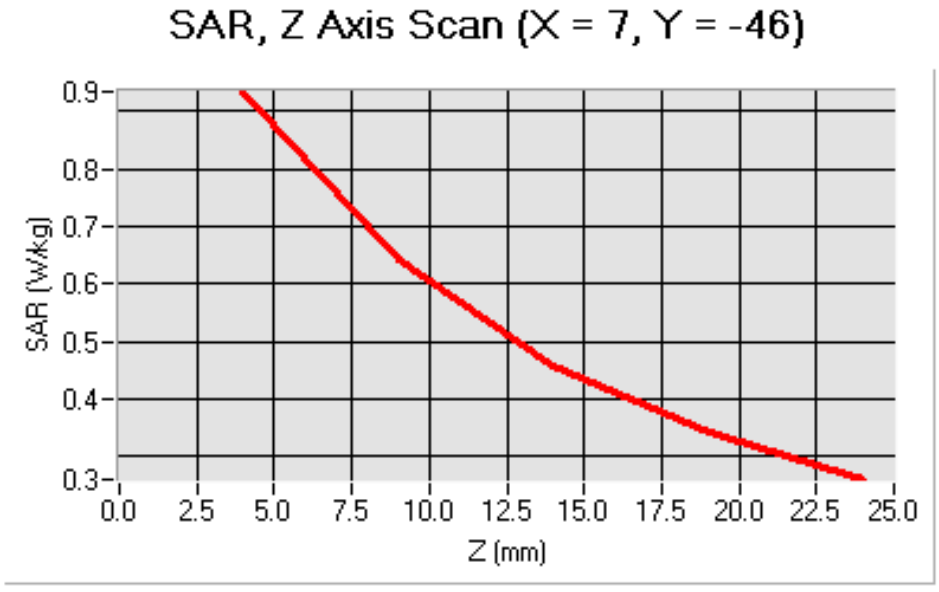


Test mode: GPRS850, low channel (Body-LCD DOWN), repeated measured
Product Description: GSM+WCDMA SMART PHONE
Model: AX530
Test Date: April 26th, 2013

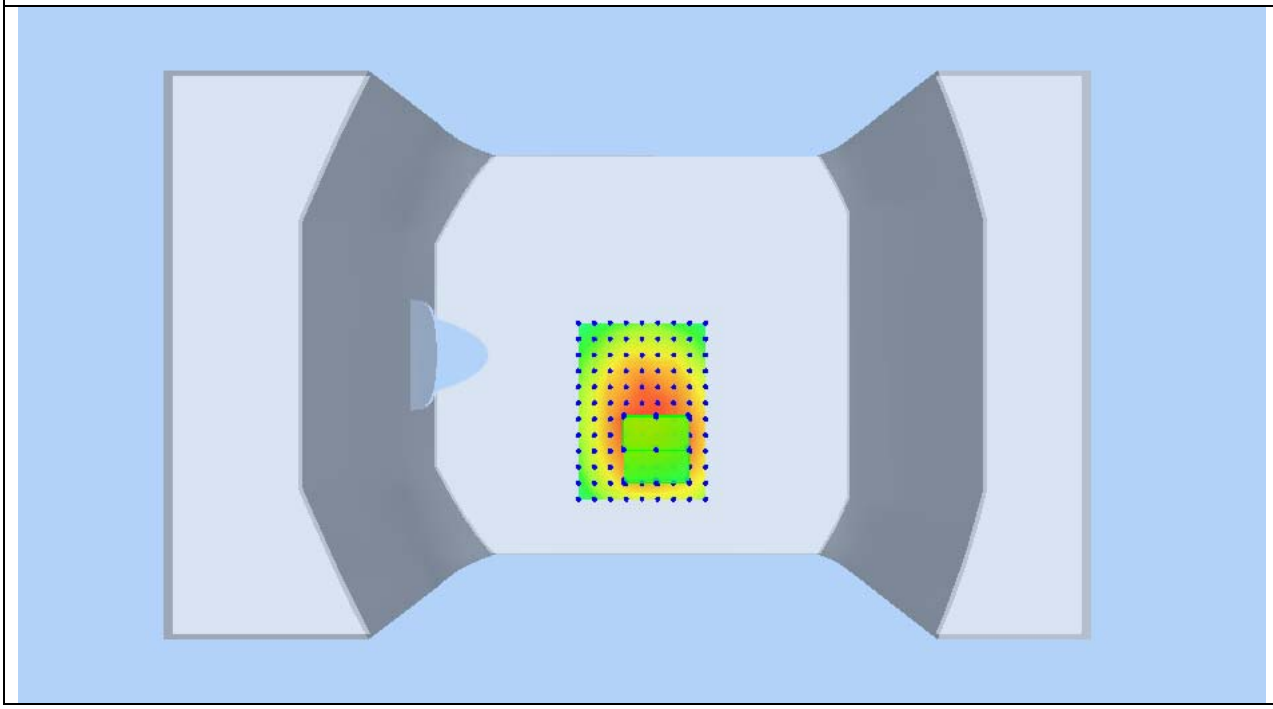
Medium(liquid type)	MSL_850
Frequency (MHz)	824.2000
Relative permittivity (real part)	53.39
Conductivity (S/m)	0.95
E-Field Probe	SN 18/11 EPG123
Crest factor	2.0
Conversion Factor	7.75
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	0.86000
SAR 10g (W/Kg)	0.638612
SAR 1g (W/Kg)	0.912885
SURFACE SAR	VOLUME SAR





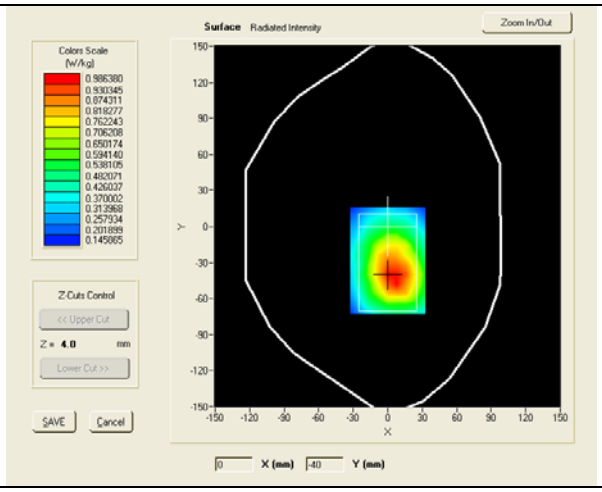


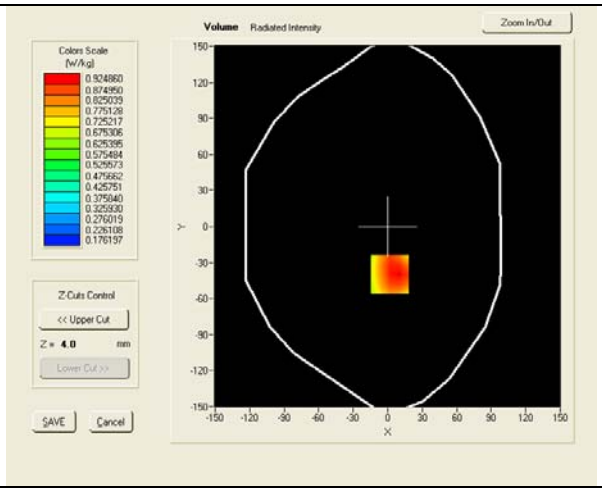
3D screen shot

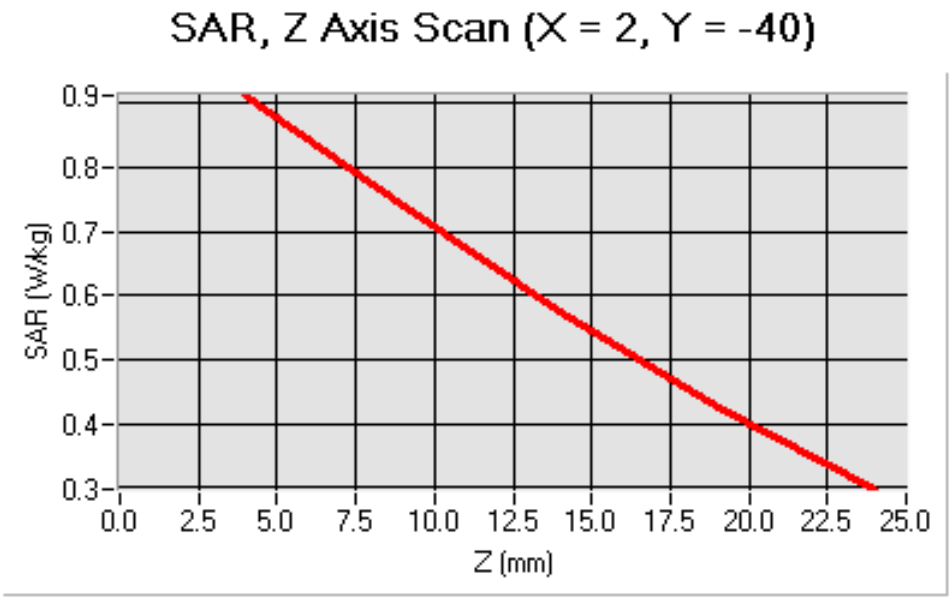


Test mode: GPRS850, mid channel (Body-LCD DOWN)
Product Description: GSM+WCDMA SMART PHONE
Model: AX530
Test Date: April 26th, 2013

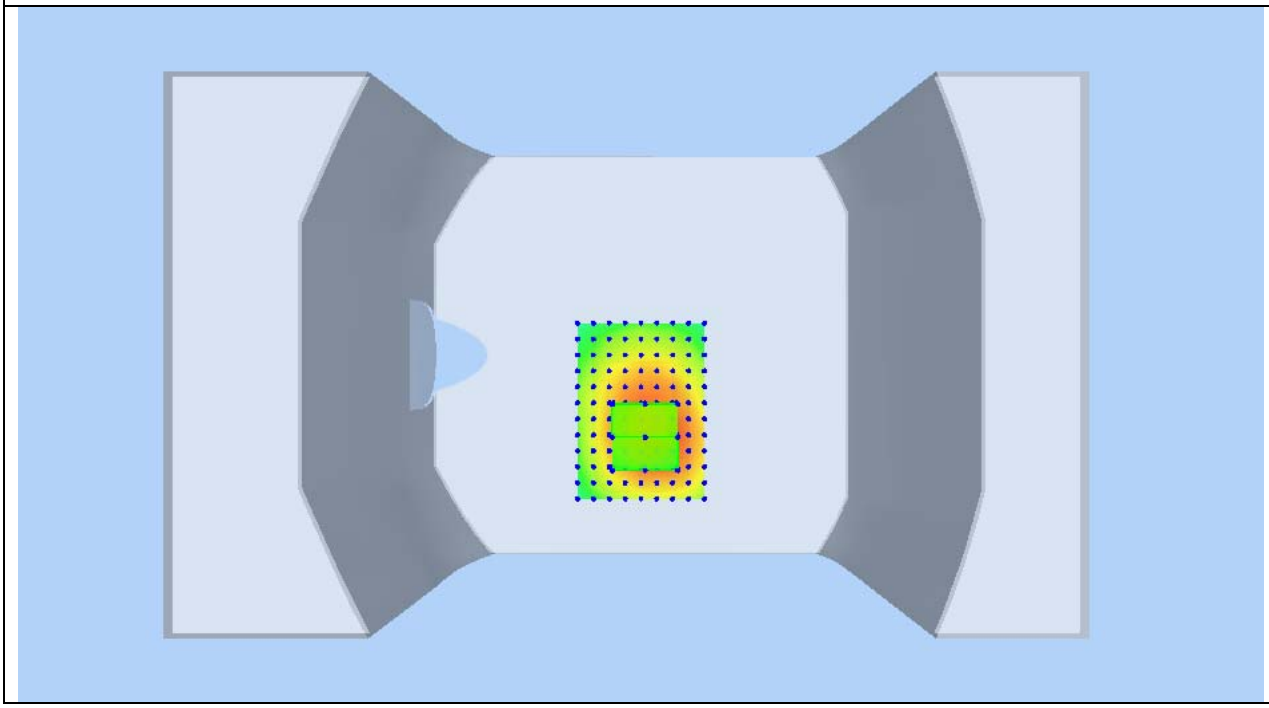
Medium(liquid type)	MSL_850
Frequency (MHz)	836.6000
Relative permittivity (real part)	53.39
Conductivity (S/m)	0.95
E-Field Probe	SN 18/11 EPG123
Crest factor	2.0
Conversion Factor	7.75
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	-0.30000
SAR 10g (W/Kg)	0.662185
SAR 1g (W/Kg)	0.907547
SURFACE SAR	VOLUME SAR





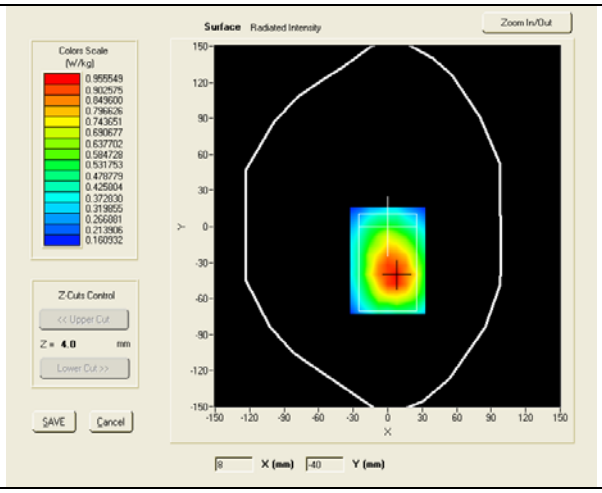


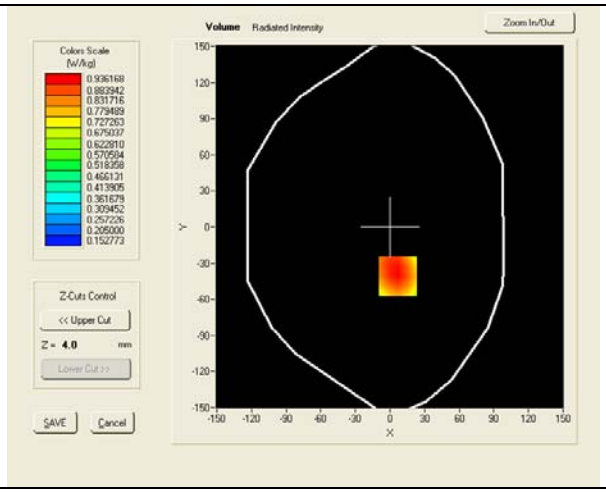
3D screen shot

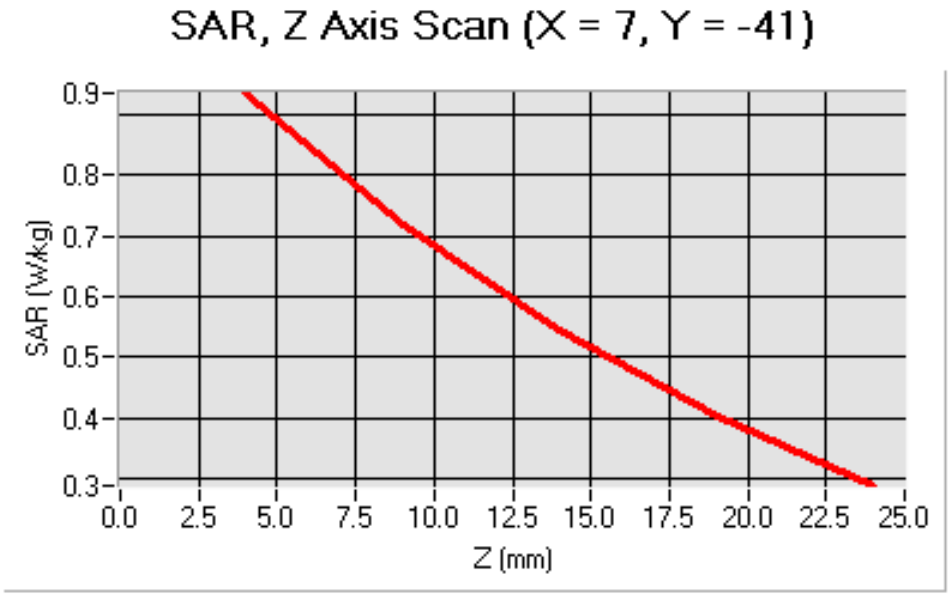


Test mode: GPRS850, high channel (Body-LCD DOWN)
Product Description: GSM+WCDMA SMART PHONE
Model: AX530
Test Date: April 26th, 2013

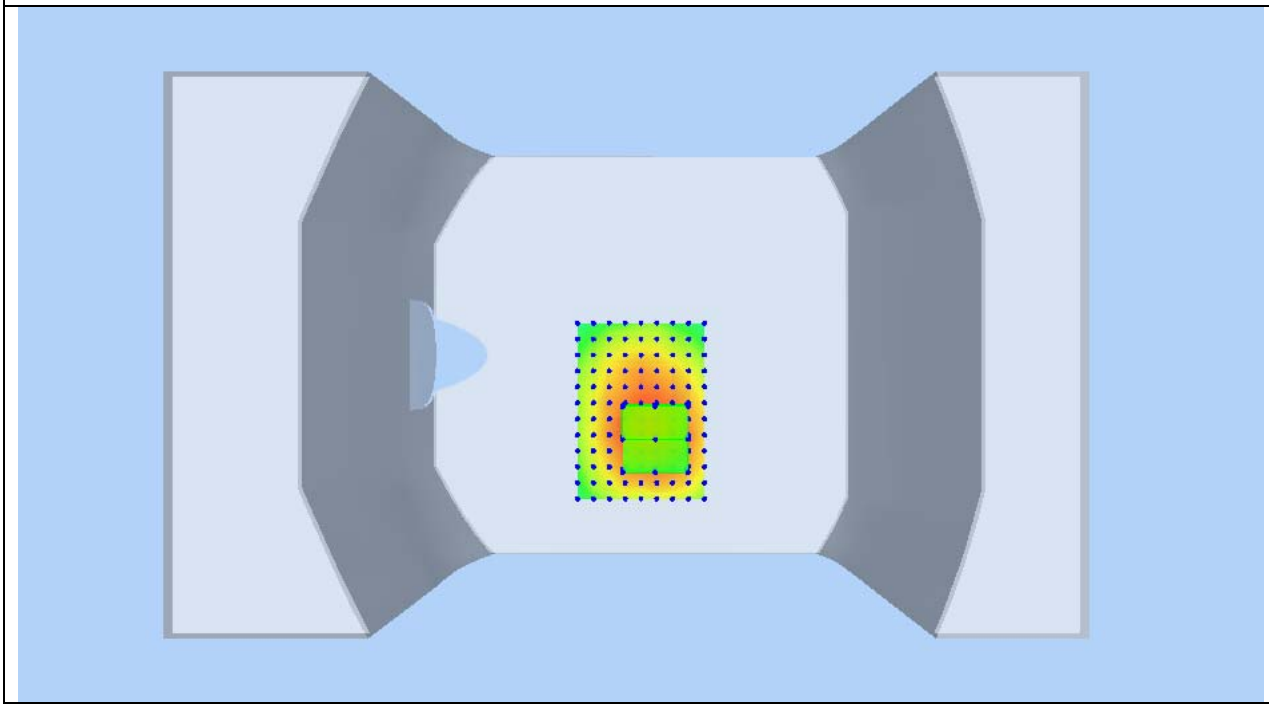
Medium(liquid type)	MSL_850
Frequency (MHz)	848.8000
Relative permittivity (real part)	53.39
Conductivity (S/m)	0.95
E-Field Probe	SN 18/11 EPG123
Crest factor	2.0
Conversion Factor	7.75
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	-4.38000
SAR 10g (W/Kg)	0.659913
SAR 1g (W/Kg)	0.907109
SURFACE SAR	VOLUME SAR





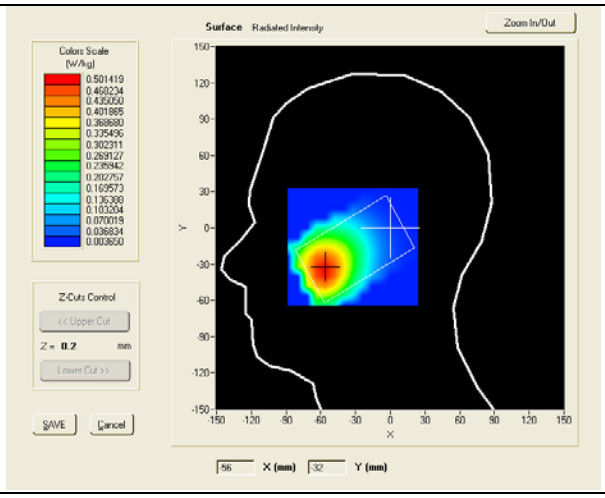


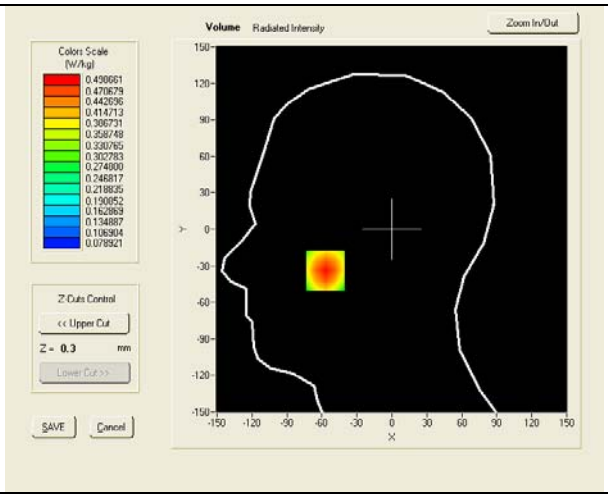
3D screen shot

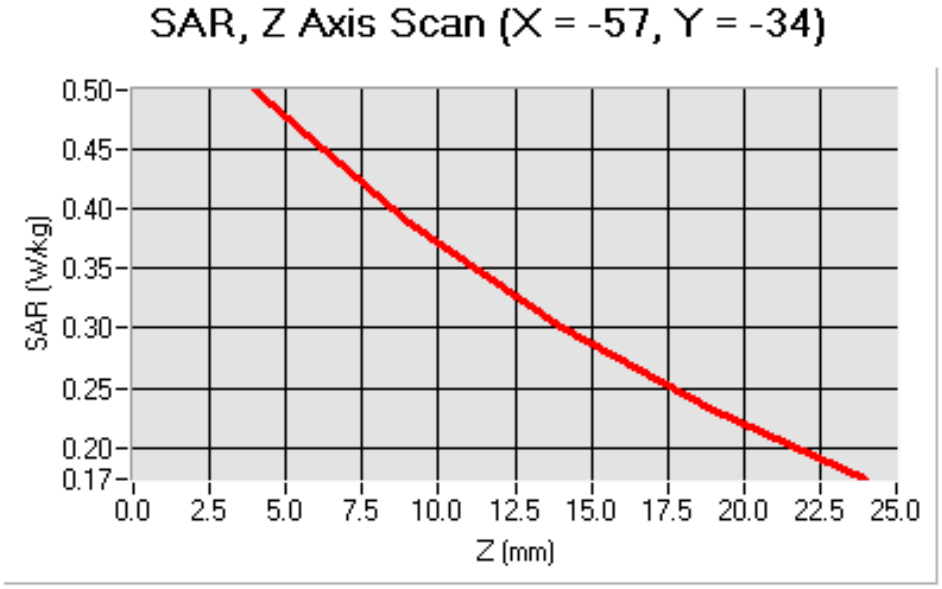


Test mode: WCDMA BAND V , low channel (Right Head Cheek)
Product Description: GSM+WCDMA SMART PHONE
Model: AX530
Test Date: April 27th 2012

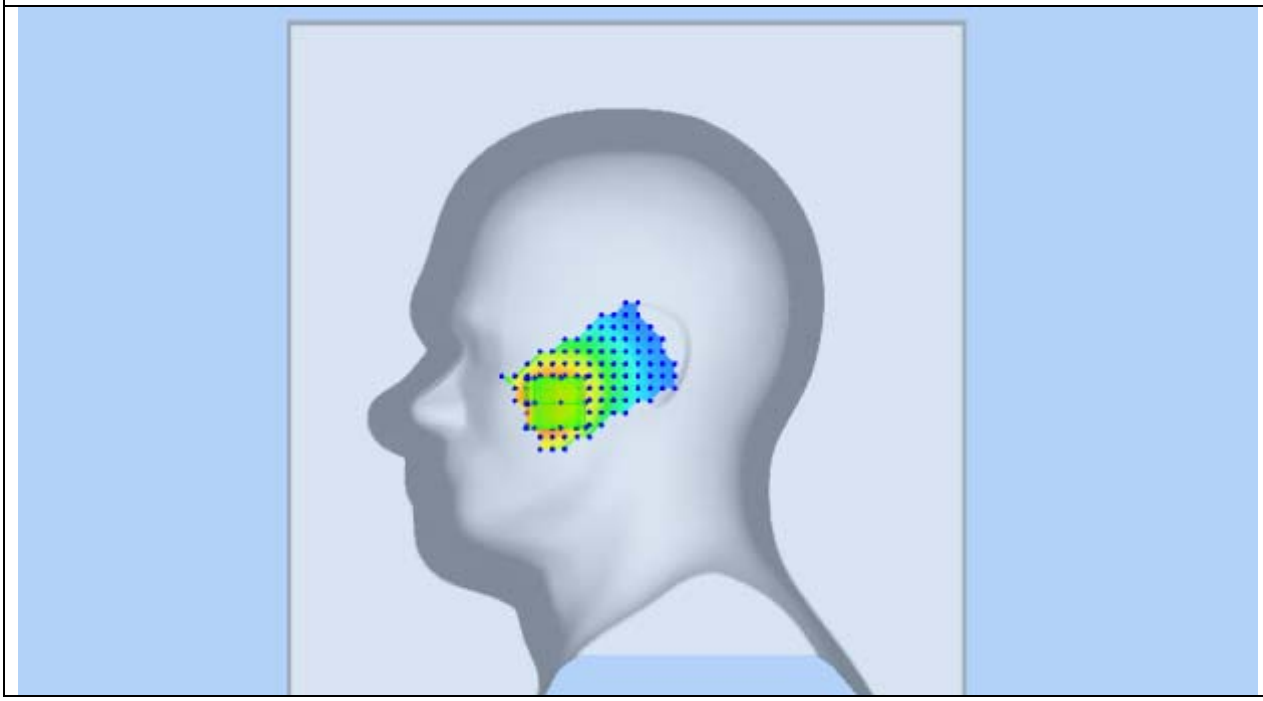
Medium(liquid type)	HSL_850
Frequency (MHz)	826.4000
Relative permitivity (real part)	42.90
Conductivity (S/m)	0.90
E-Field Probe	SN 18/11 EPG123
Crest factor	1.0
Conversion Factor	8.78
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	-1.73000
SAR 10g (W/Kg)	0.342000
SAR 1g (W/Kg)	0.477357
SURFACE SAR	VOLUME SAR





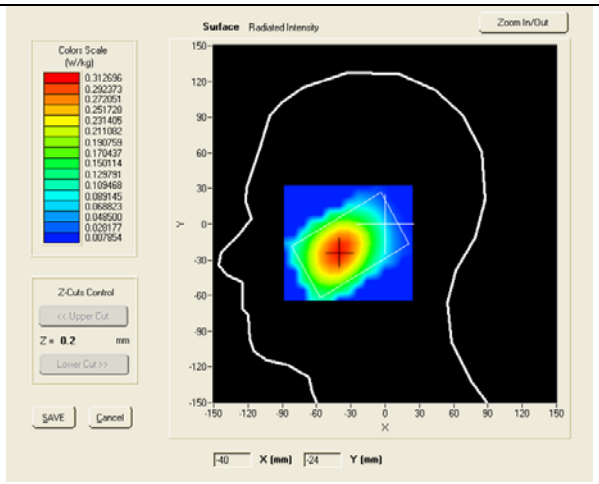


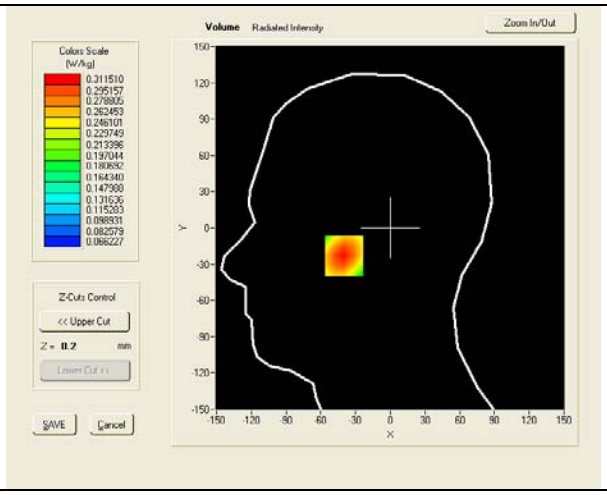
3D screen shot

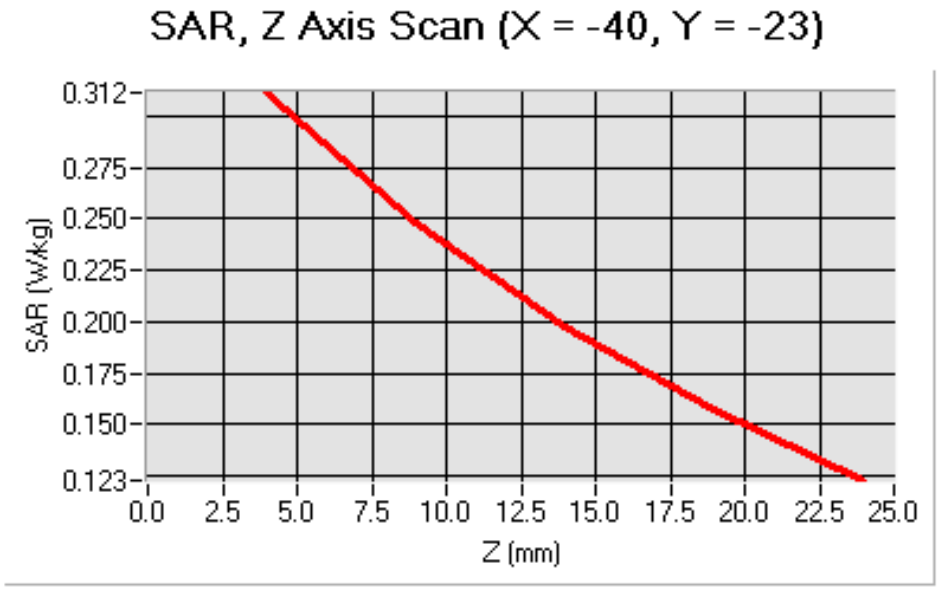


Test mode: WCDMA BAND Ⅴ, low channel (Right Head Tilt)
Product Description: GSM+WCDMA SMART PHONE
Model: AX530
Test Date: April 27th 2012

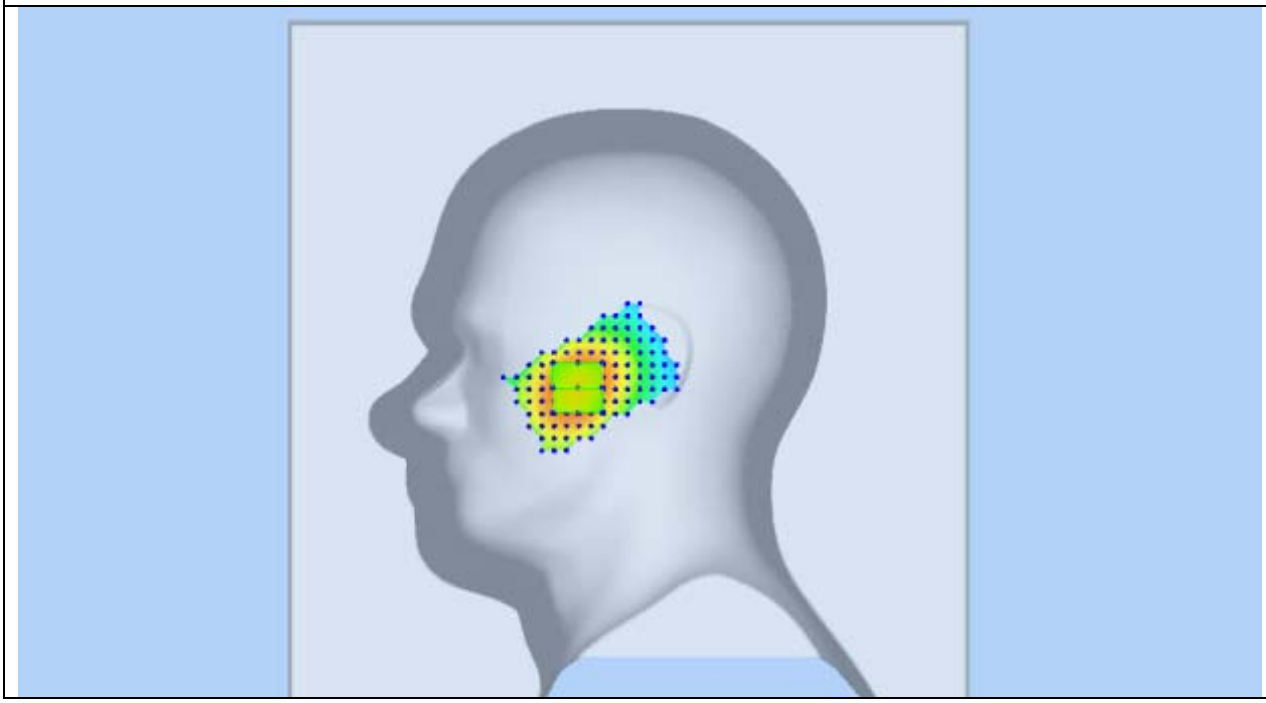
Medium(liquid type)	HSL_850
Frequency (MHz)	826.4000
Relative permitivity (real part)	42.90
Conductivity (S/m)	0.90
E-Field Probe	SN 18/11 EPG123
Crest factor	1.0
Conversion Factor	8.78
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	-1.50000
SAR 10g (W/Kg)	0.222624
SAR 1g (W/Kg)	0.299877
SURFACE SAR	VOLUME SAR





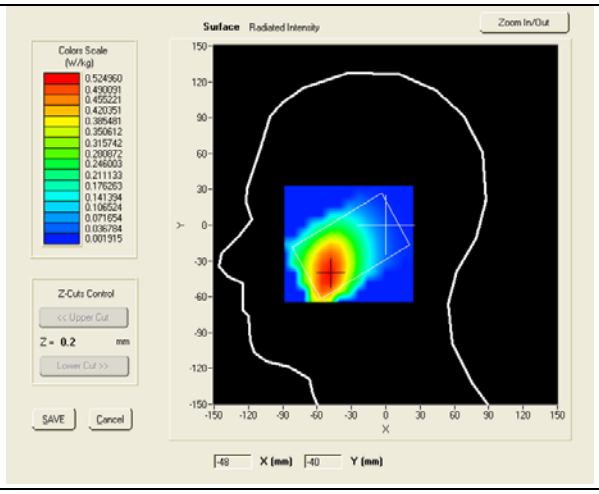


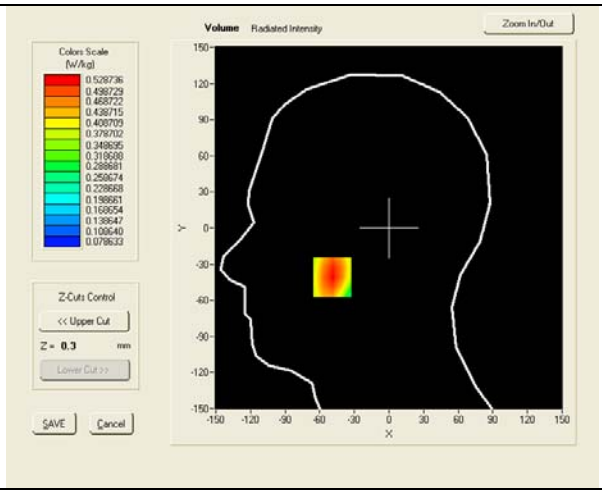
3D screen shot

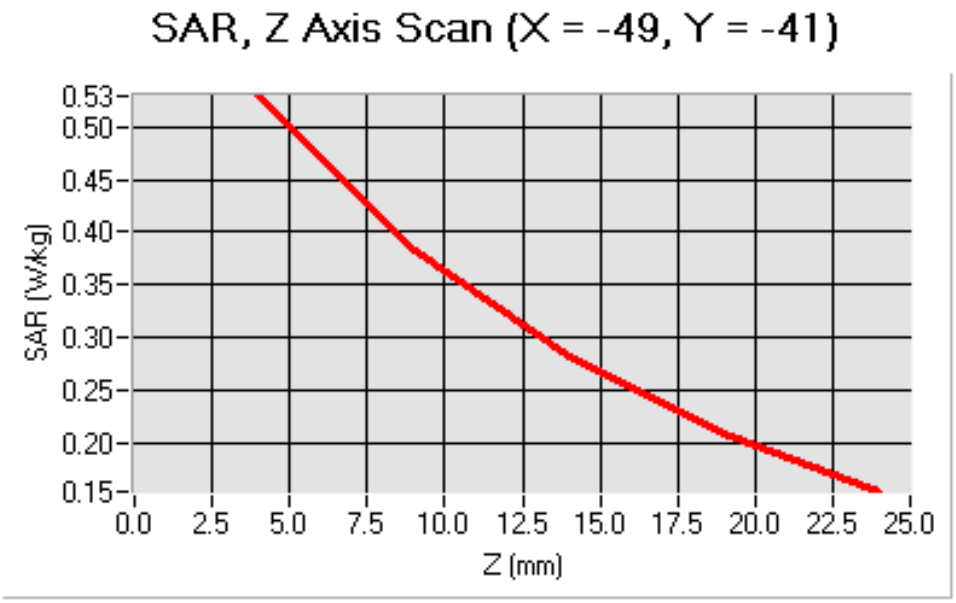


Test mode: WCDMA BAND Ⅴ, low channel (Left Head Cheek)
Product Description: GSM+WCDMA SMART PHONE
Model: AX530
Test Date: April 27th 2012

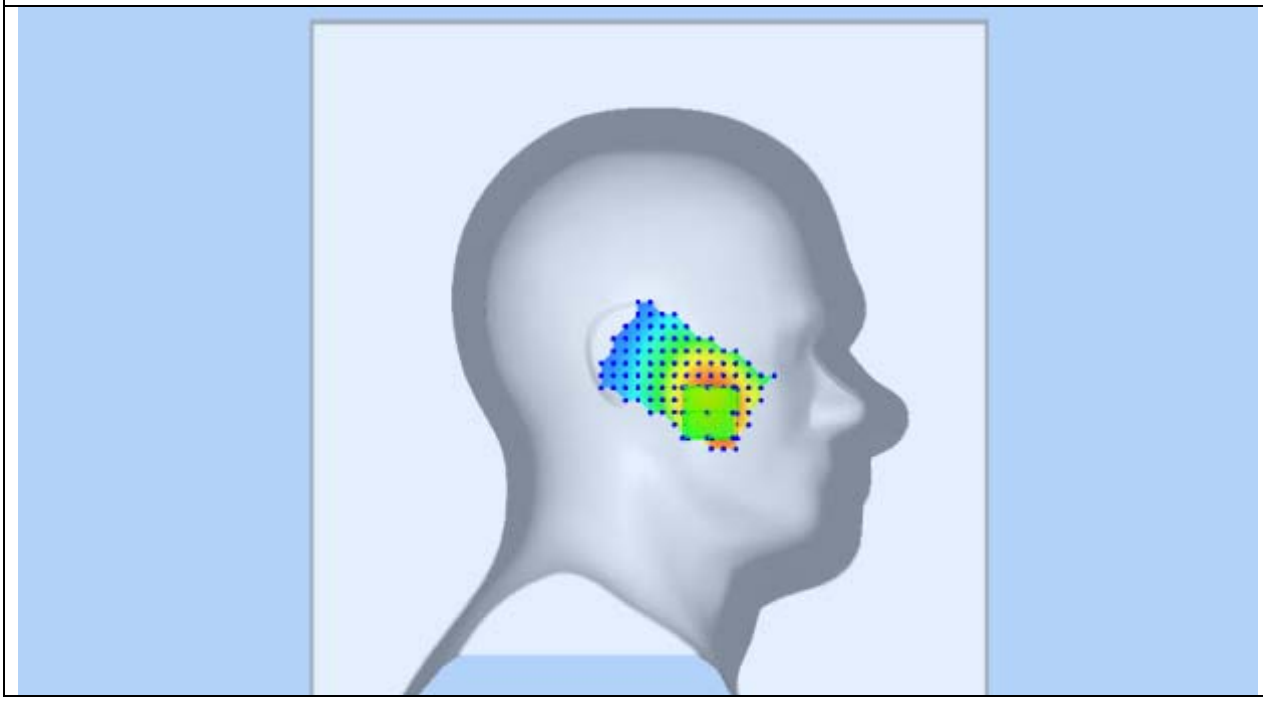
Medium(liquid type)	HSL_850
Frequency (MHz)	826.4000
Relative permitivity (real part)	42.90
Conductivity (S/m)	0.90
E-Field Probe	SN 18/11 EPG123
Crest factor	1.0
Conversion Factor	8.78
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	0.91000
SAR 10g (W/Kg)	0.357241
SAR 1g (W/Kg)	0.507638
SURFACE SAR	VOLUME SAR





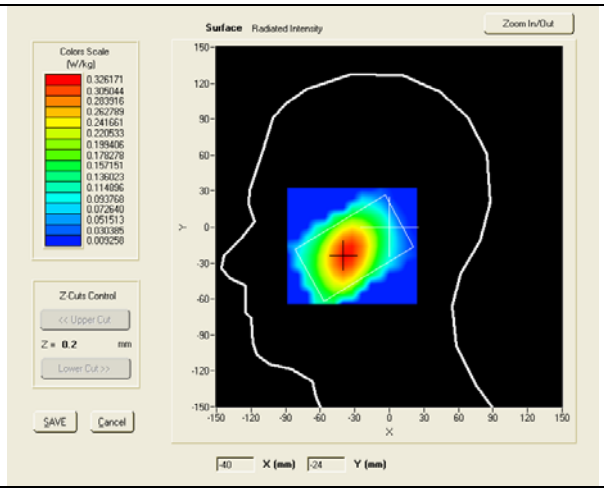


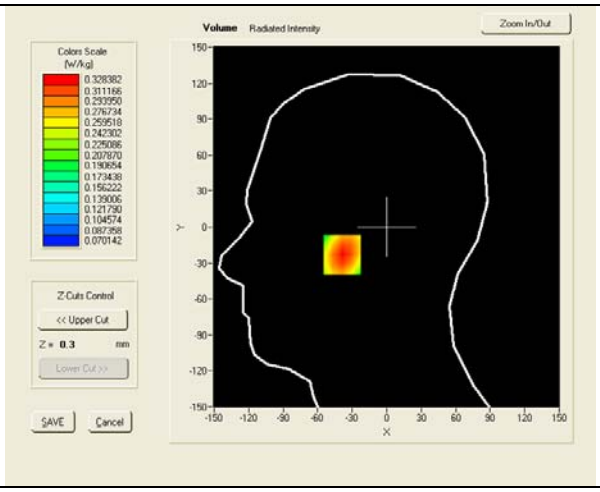
3D screen shot

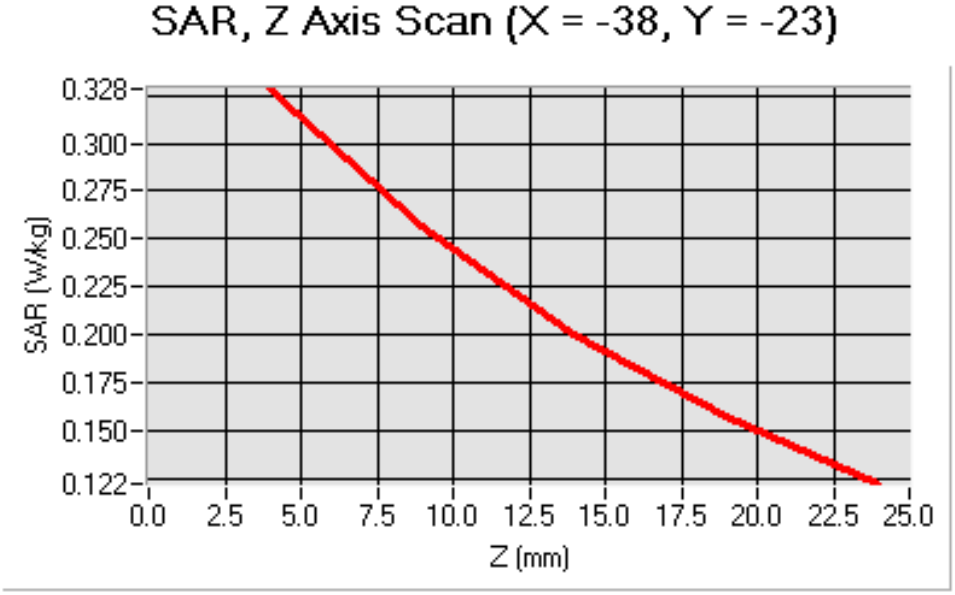


Test mode: WCDMA BAND Ⅴ , low channel (Left Head Tilt)
Product Description: GSM+WCDMA SMART PHONE
Model: AX530
Test Date: April 27th 2012

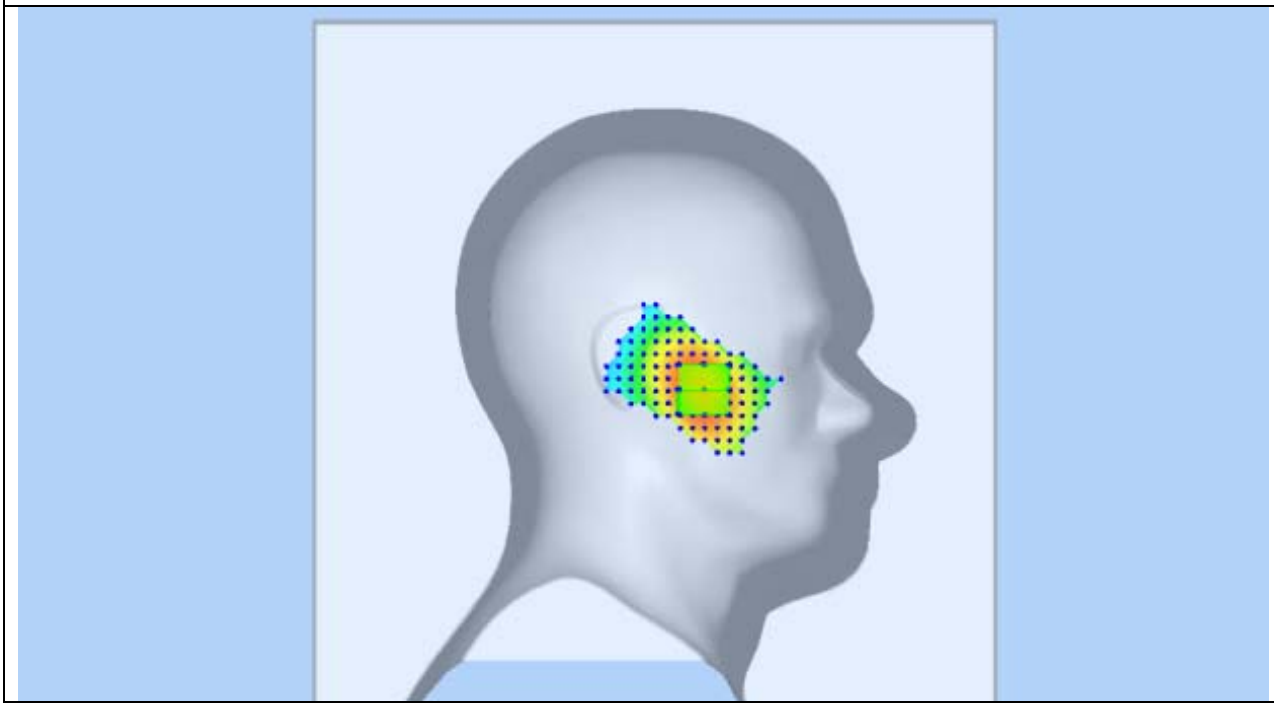
Medium(liquid type)	HSL_850
Frequency (MHz)	826.4000
Relative permitivity (real part)	42.90
Conductivity (S/m)	0.90
E-Field Probe	SN 18/11 EPG123
Crest factor	1.0
Conversion Factor	8.78
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	0.90000
SAR 10g (W/Kg)	0.230642
SAR 1g (W/Kg)	0.315633
SURFACE SAR	VOLUME SAR





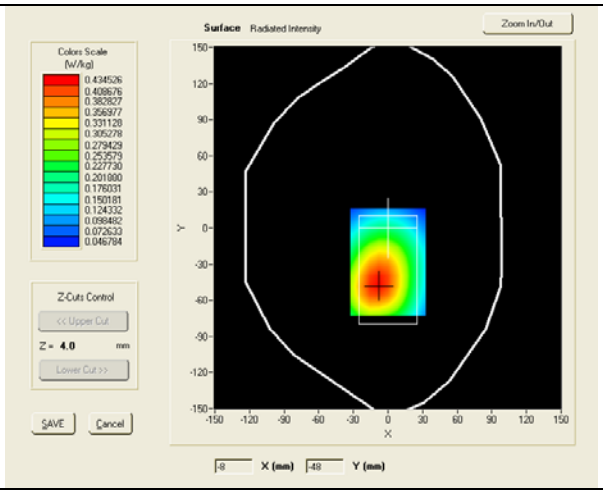


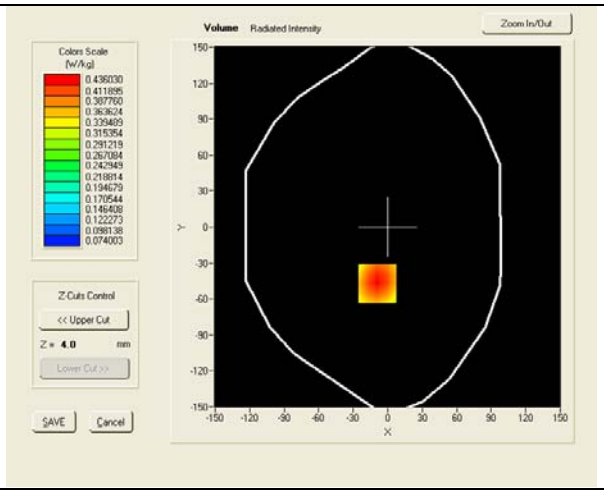
3D screen shot

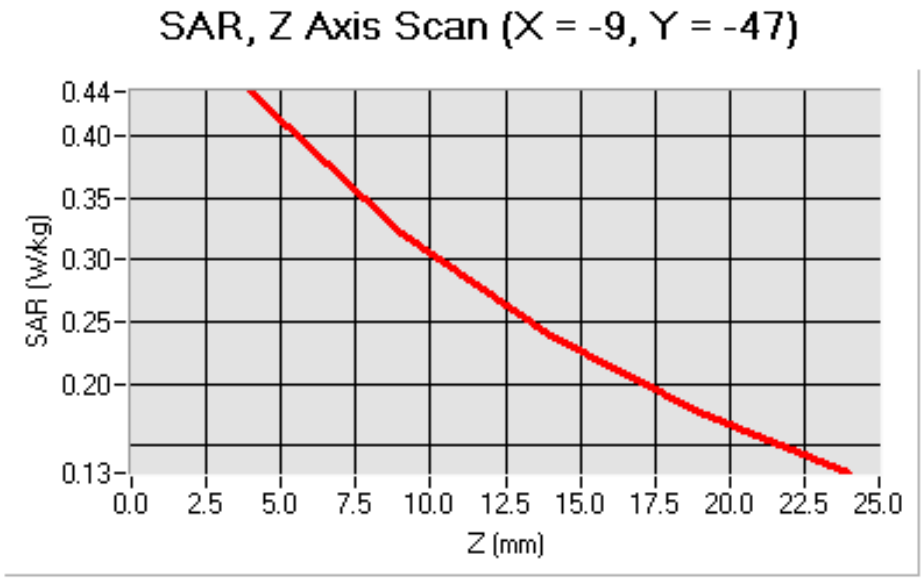


Test mode: WCDMA BAND V , low channel (Body-LCD UP)
Product Description: GSM+WCDMA SMART PHONE
Model: AX530
Test Date: April 27th 2012

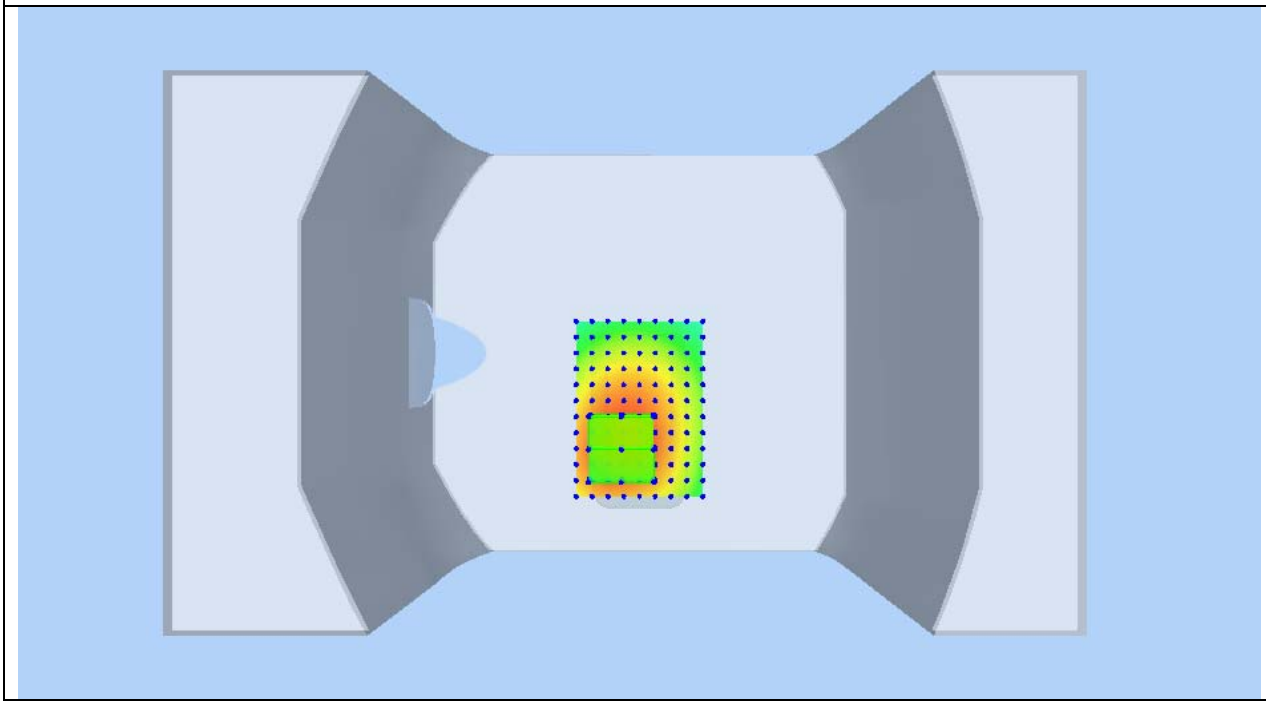
Medium(liquid type)	MSL_850
Frequency (MHz)	826.4000
Relative permitivity (real part)	53.39
Conductivity (S/m)	0.95
E-Field Probe	SN 18/11 EPG123
Crest factor	1.0
Conversion Factor	9.07
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	0.03000
SAR 10g (W/Kg)	0.322057
SAR 1g (W/Kg)	0.452113
SURFACE SAR	VOLUME SAR





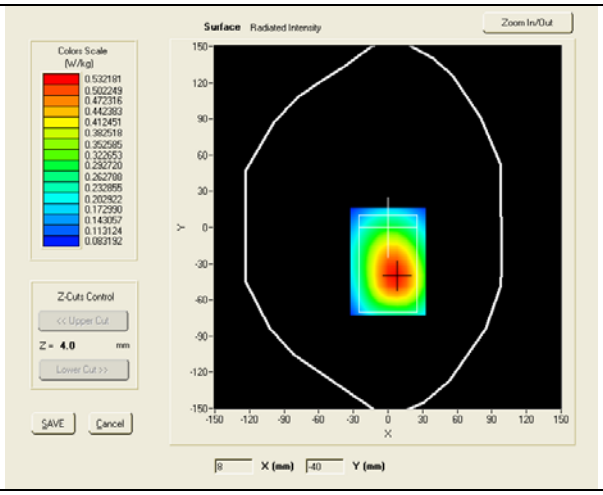


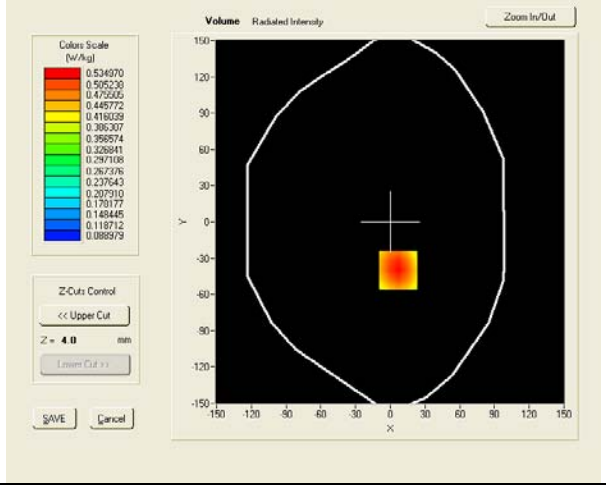
3D screen shot

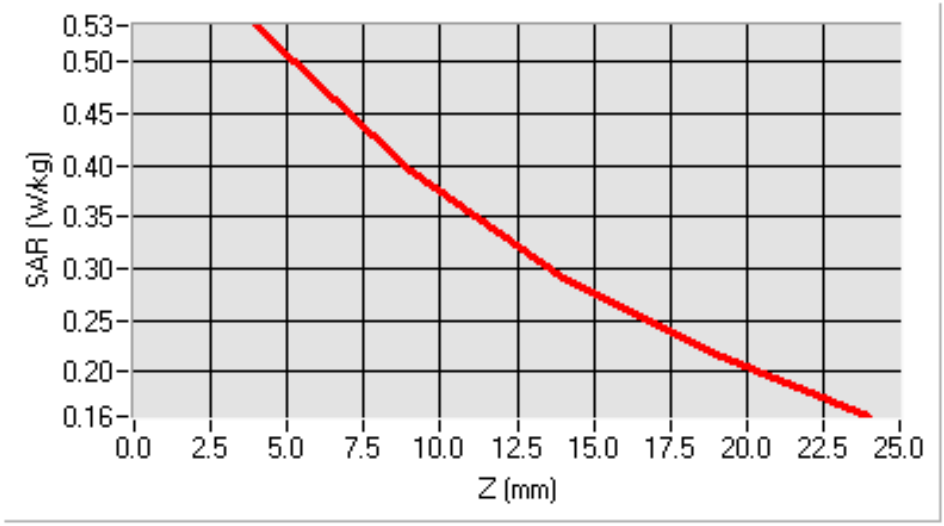


Test mode: WCDMA BAND V , low channel (Body-LCD DOWN)
Product Description: GSM+WCDMA SMART PHONE
Model: AX530
Test Date: April 27th 2012

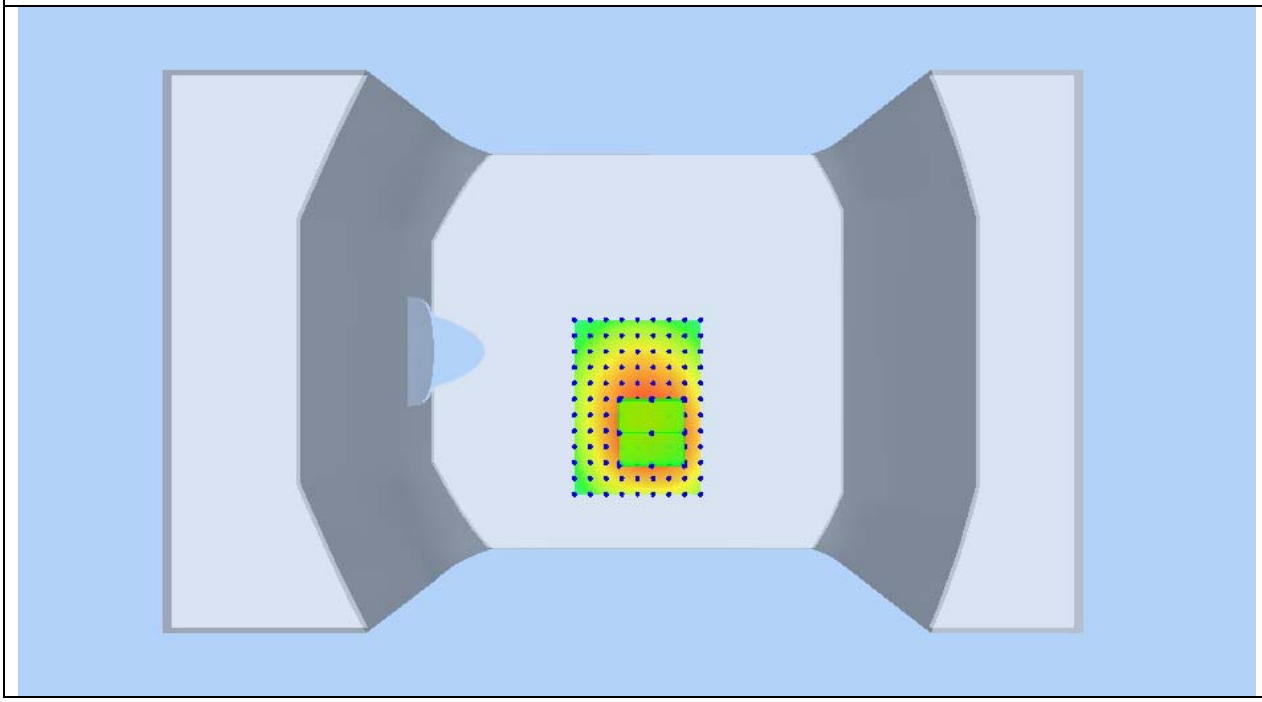
Medium(liquid type)	MSL_850
Frequency (MHz)	826.4000
Relative permitivity (real part)	53.39
Conductivity (S/m)	0.95
E-Field Probe	SN 18/11 EPG123
Crest factor	1.0
Conversion Factor	9.07
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	0.41000
SAR 10g (W/Kg)	0.393804
SAR 1g (W/Kg)	0.554365
SURFACE SAR	VOLUME SAR





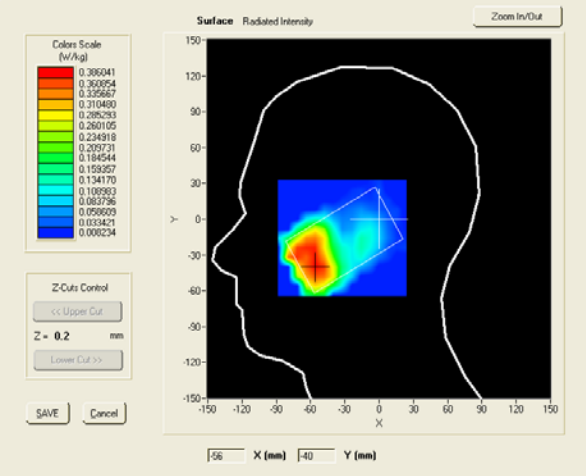


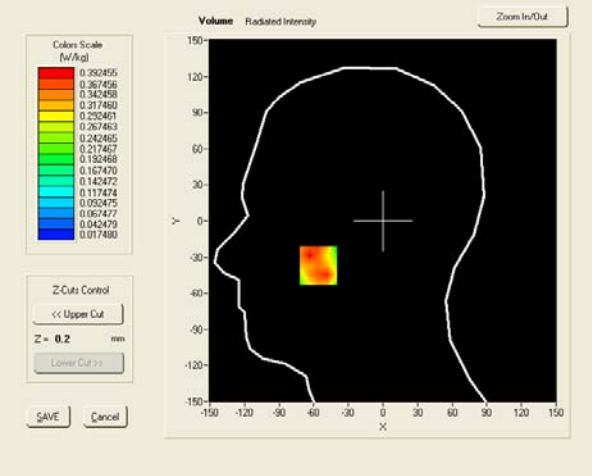
3D screen shot

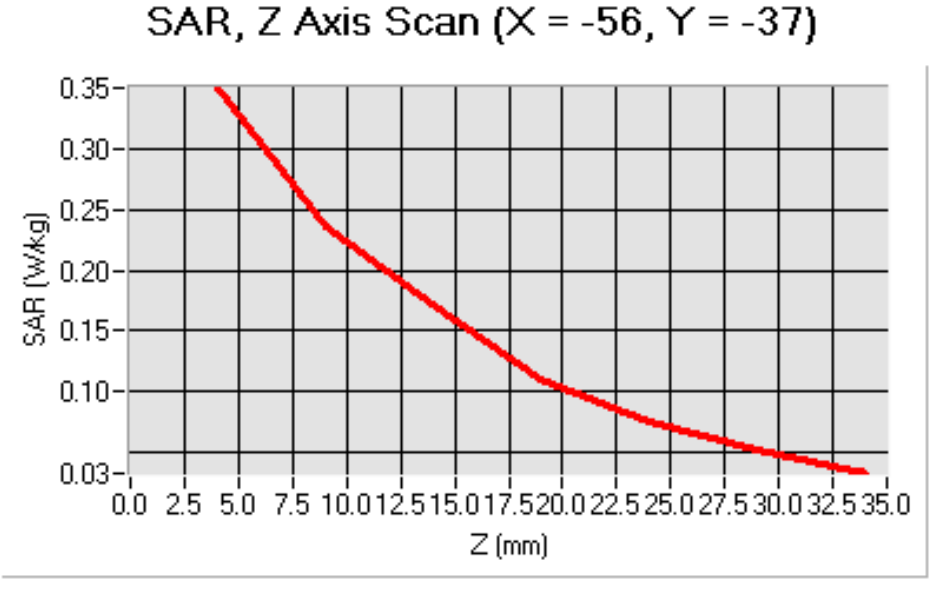


Test mode: GSM1900, high channel (Right Head Cheek)
Product Description: GSM+WCDMA SMART PHONE
Model: AX530
Test Date: April 27th, 2013

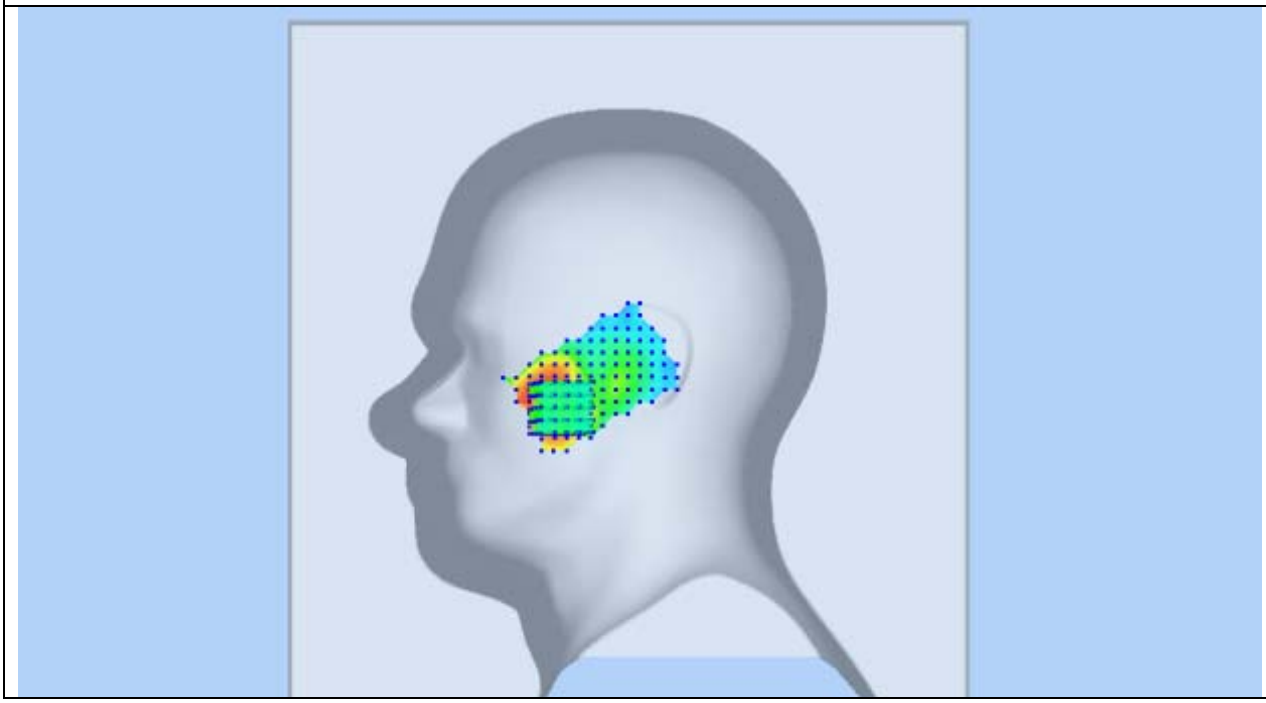
Medium(liquid type)	HSL_1900
Frequency (MHz)	1909.8000
Relative permittivity (real part)	39.81
Conductivity (S/m)	1.38
E-Field Probe	SN 18/11 EPG123
Crest factor	8.0
Conversion Factor	7.92
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	-4.32000
SAR 10g (W/Kg)	0.219472
SAR 1g (W/Kg)	0.359146
SURFACE SAR	VOLUME SAR





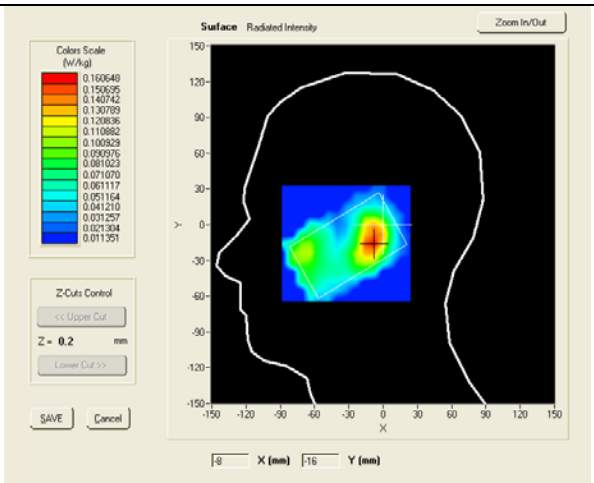


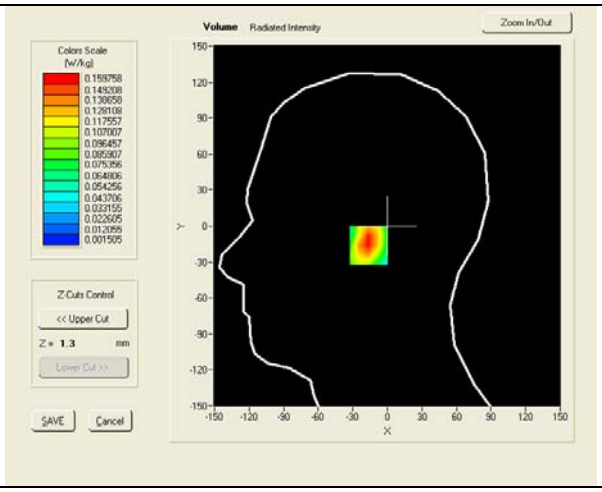
3D screen shot

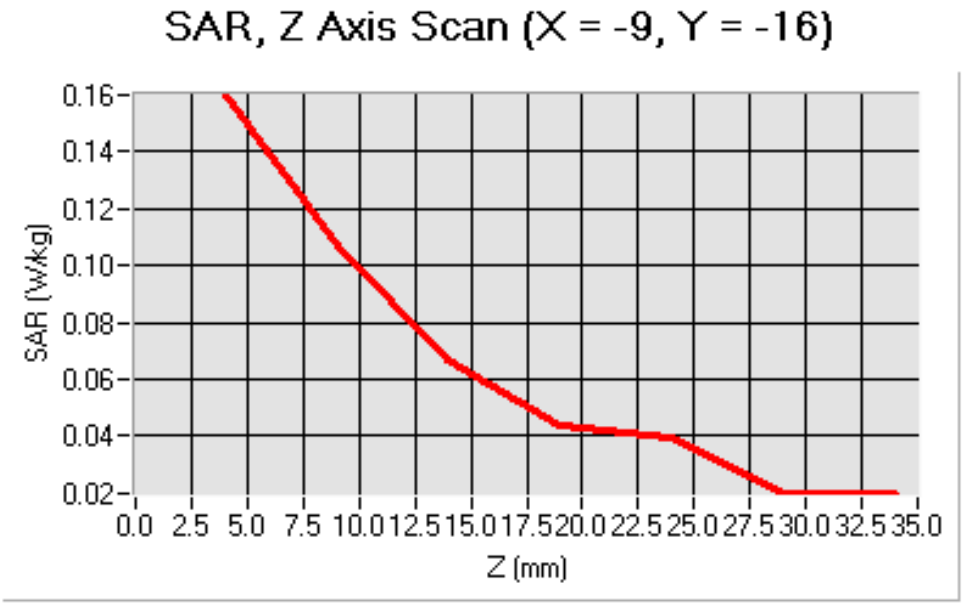


Test mode: GSM1900, high channel (Right Head Tilt)
Product Description: GSM+WCDMA SMART PHONE
Model: AX530
Test Date: April 27th, 2013

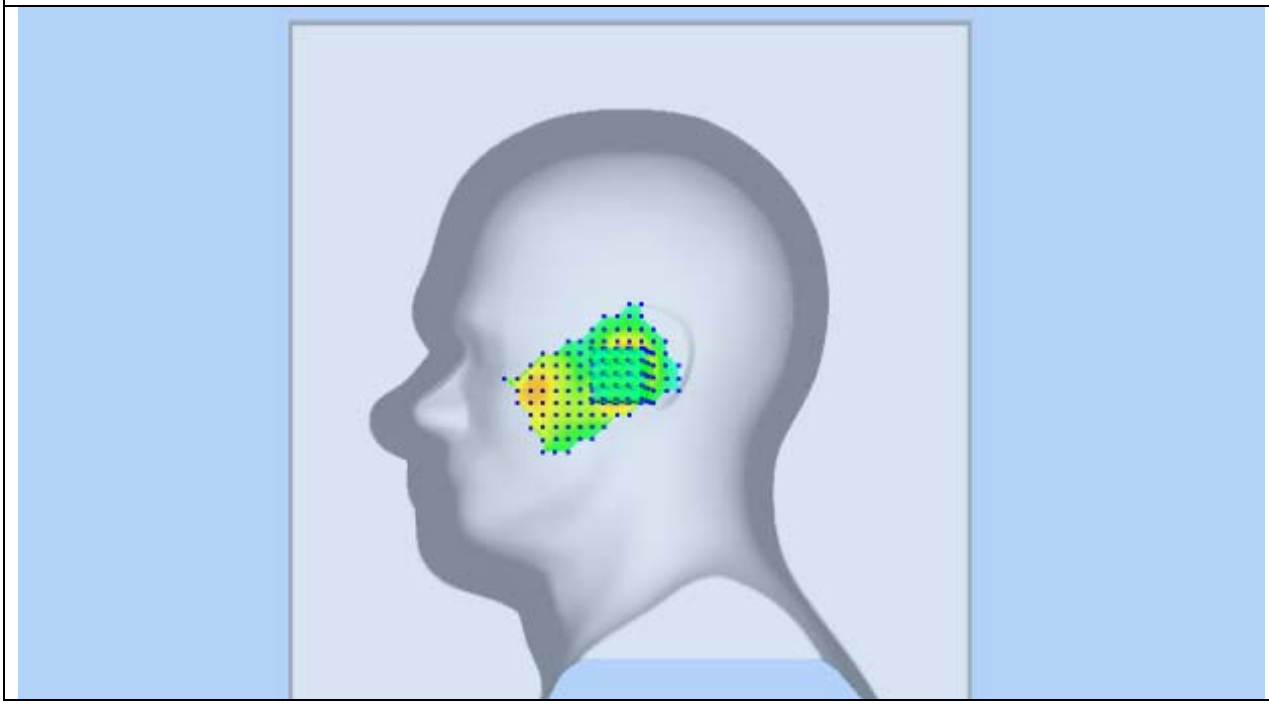
Medium(liquid type)	HSL_1900
Frequency (MHz)	1909.8000
Relative permittivity (real part)	39.81
Conductivity (S/m)	1.38
E-Field Probe	SN 18/11 EPG123
Crest factor	8.0
Conversion Factor	7.92
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	-4.09000
SAR 10g (W/Kg)	0.090629
SAR 1g (W/Kg)	0.155172
SURFACE SAR	VOLUME SAR





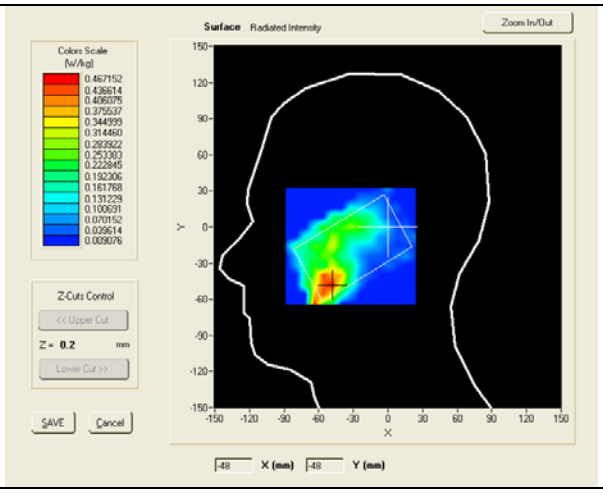


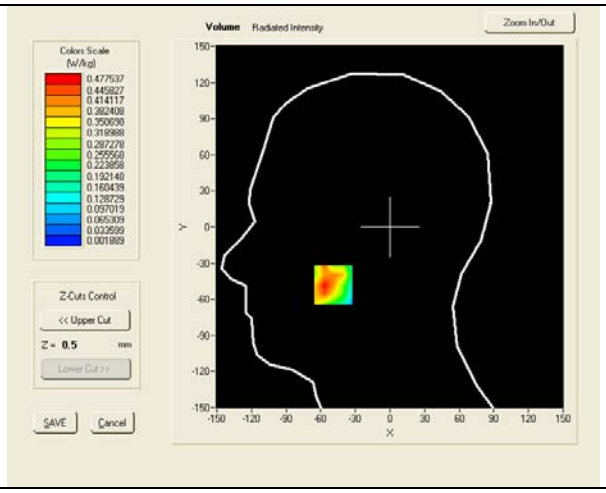
3D screen shot

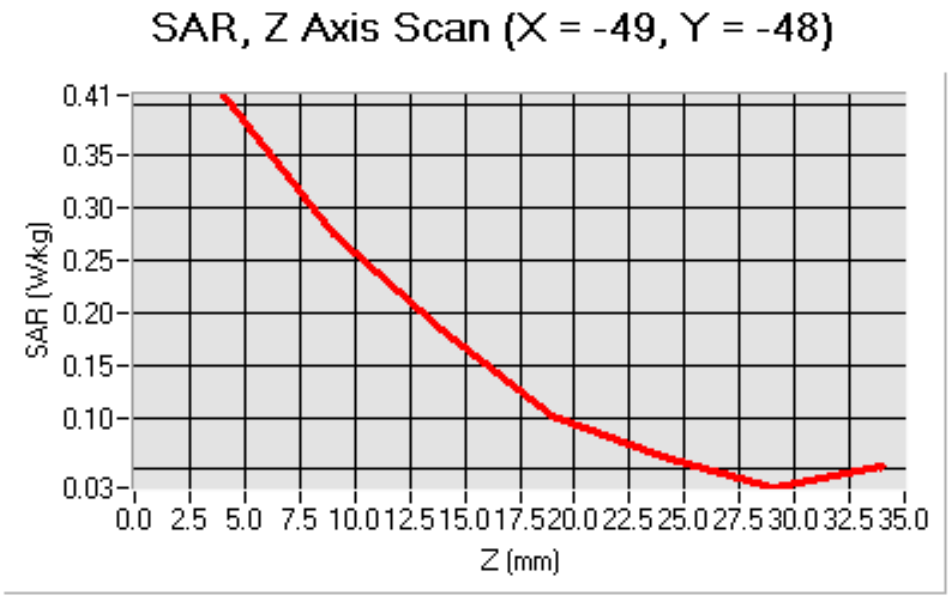


Test mode: GSM1900, high channel (Left Head Cheek)
Product Description: GSM+WCDMA SMART PHONE
Model: AX530
Test Date: April 27th, 2013

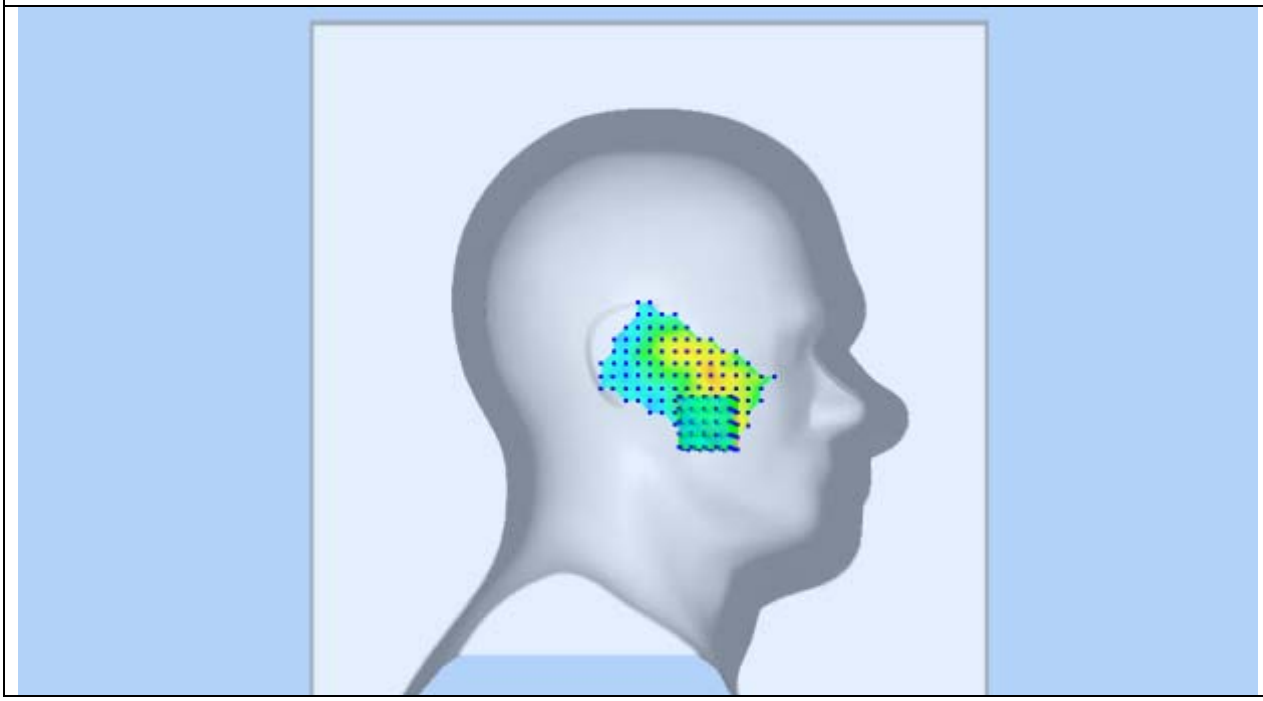
Medium(liquid type)	HSL_1900
Frequency (MHz)	1909.8000
Relative permittivity (real part)	39.81
Conductivity (S/m)	1.38
E-Field Probe	SN 18/11 EPG123
Crest factor	8.0
Conversion Factor	7.92
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	-3.99
SAR 10g (W/Kg)	0.244225
SAR 1g (W/Kg)	0.452748
SURFACE SAR	VOLUME SAR





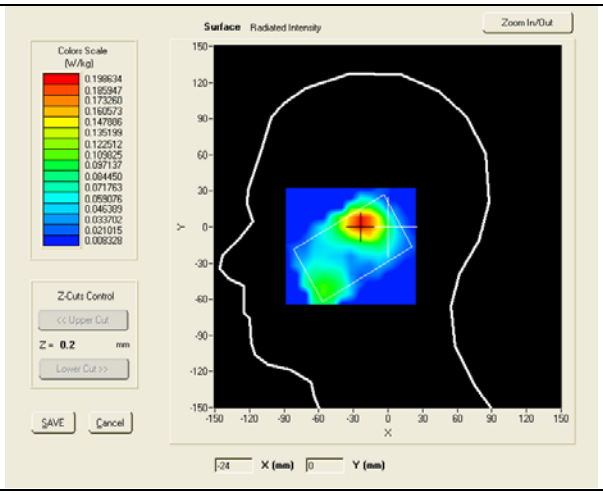


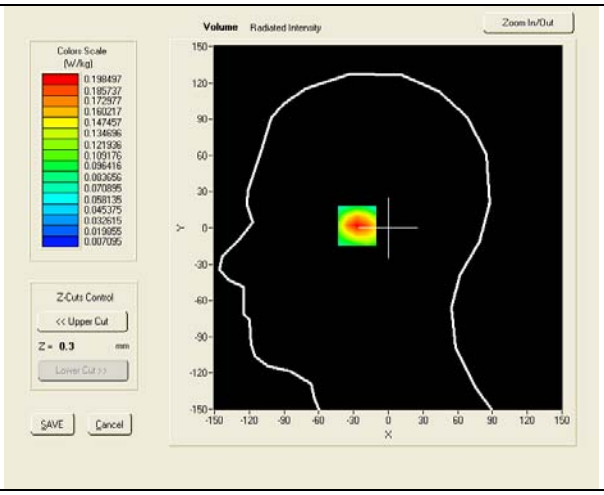
3D screen shot

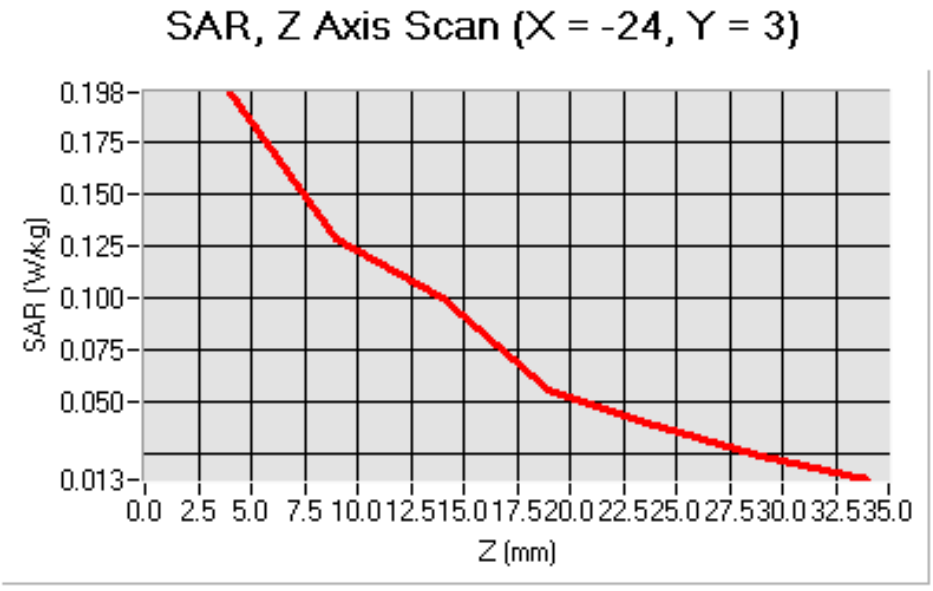


Test mode: GSM1900, high channel (Left Head Tilt)
Product Description: GSM+WCDMA SMART PHONE
Model: AX530
Test Date: April 27th, 2013

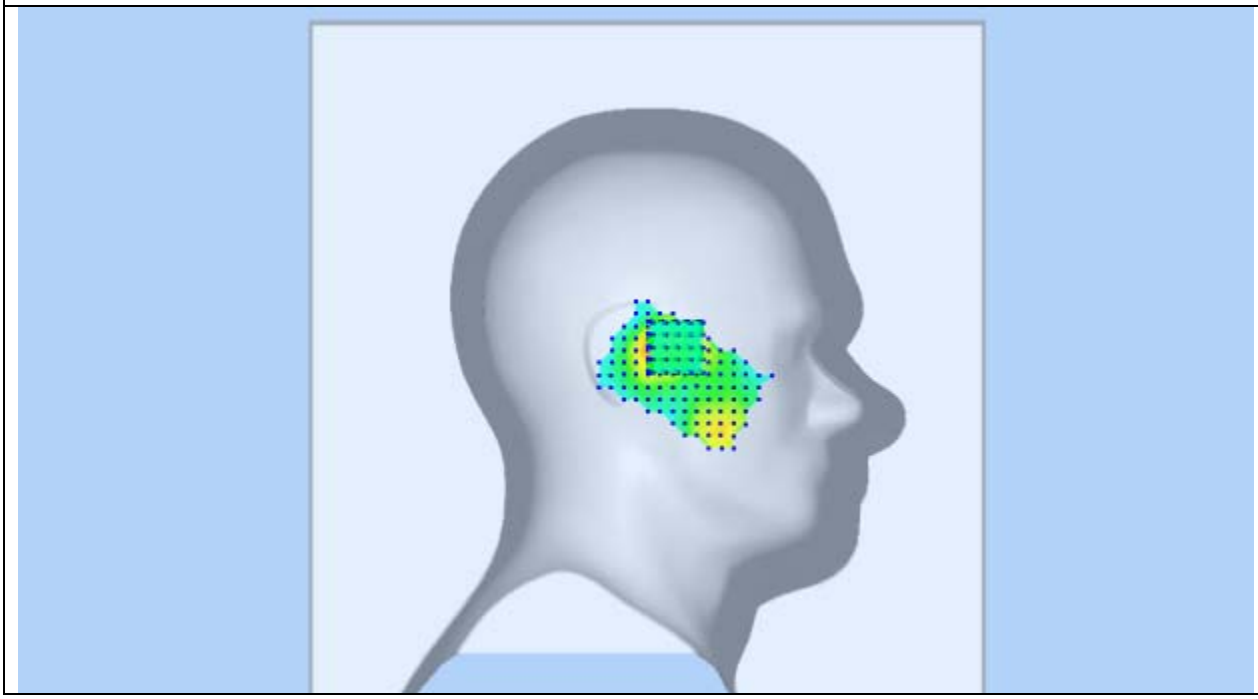
Medium(liquid type)	HSL_1900
Frequency (MHz)	1909.8000
Relative permittivity (real part)	39.81
Conductivity (S/m)	1.38
E-Field Probe	SN 18/11 EPG123
Crest factor	8.0
Conversion Factor	7.92
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	4.33000
SAR 10g (W/Kg)	0.111040
SAR 1g (W/Kg)	0.188545
SURFACE SAR	VOLUME SAR





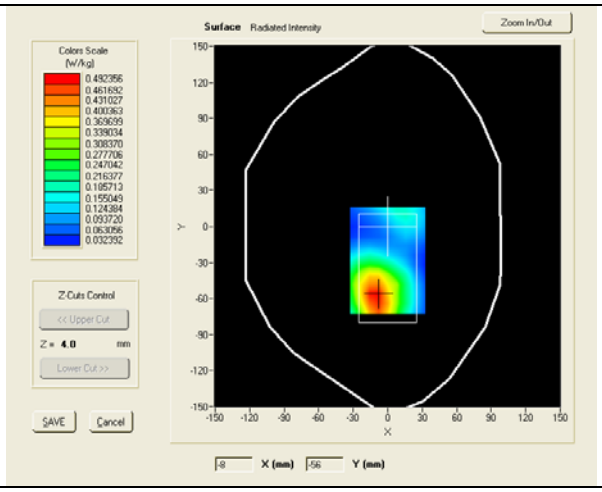


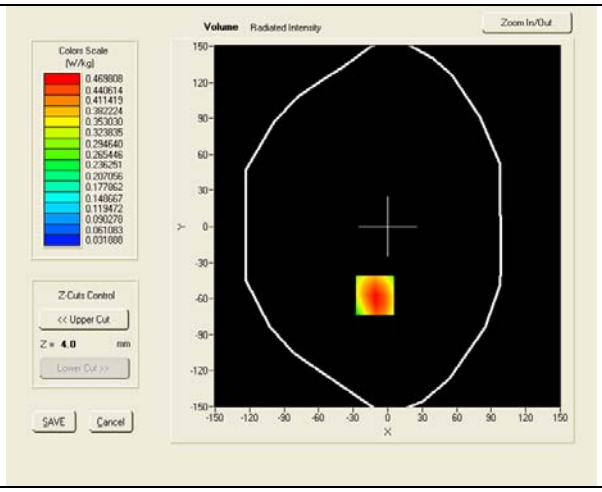
3D screen shot

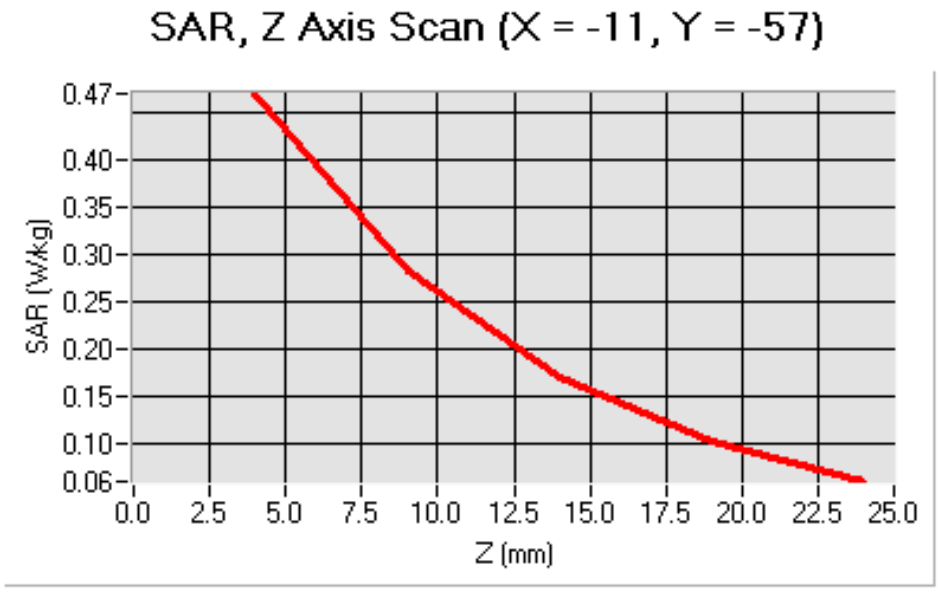


Test mode: GPRS1900, high channel (Body LCD-UP)
Product Description: GSM+WCDMA SMART PHONE
Model: AX530
Test Date: April 27th, 2013

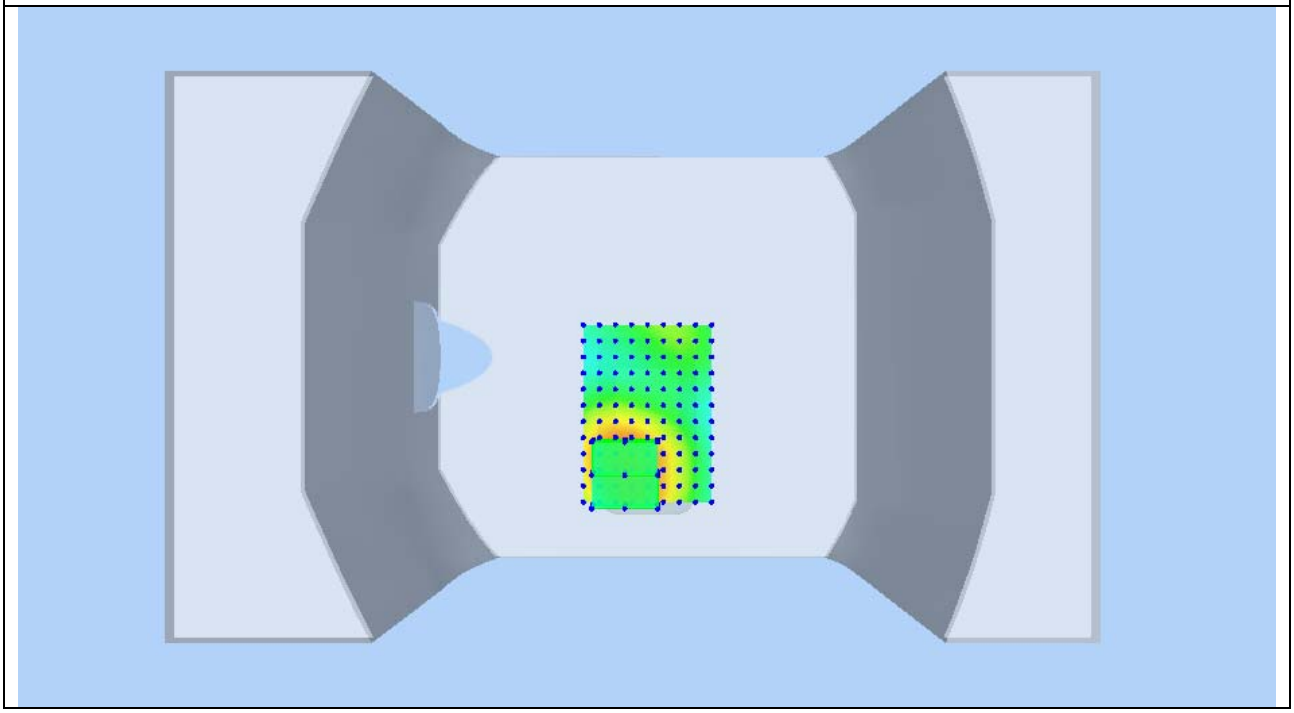
Medium(liquid type)	HSL_1900
Frequency (MHz)	1909.8000
Relative permittivity (real part)	53.29
Conductivity (S/m)	1.47
E-Field Probe	SN 18/11 EPG123
Crest factor	2.0
Conversion Factor	8.18
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	-4.87000
SAR 10g (W/Kg)	0.269598
SAR 1g (W/Kg)	0.448573
SURFACE SAR	VOLUME SAR





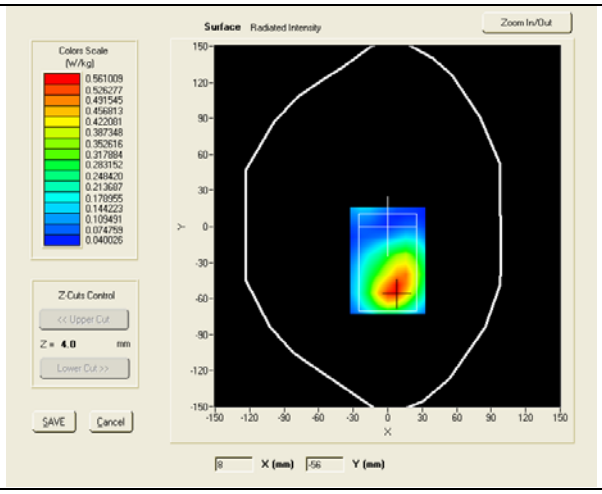


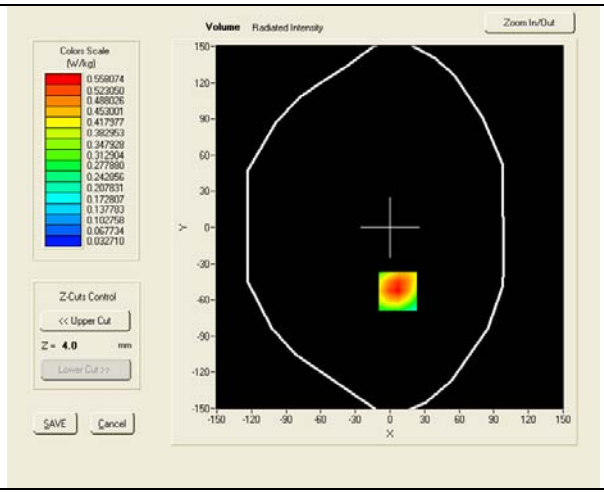
3D screen shot

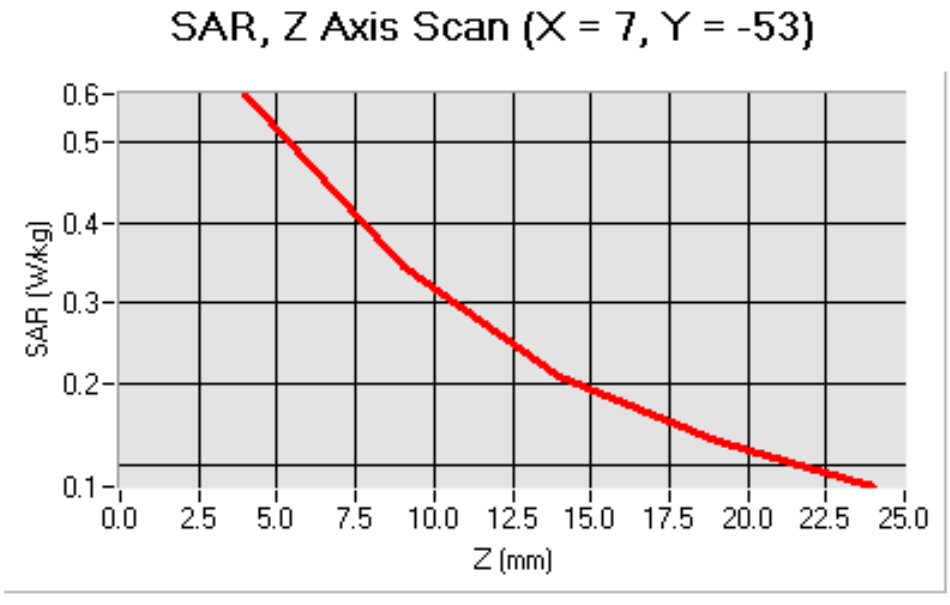


Test mode: GPRS1900, high channel (Body LCD-DOWN)
Product Description: GSM+WCDMA SMART PHONE
Model: AX530
Test Date: April 27th, 2013

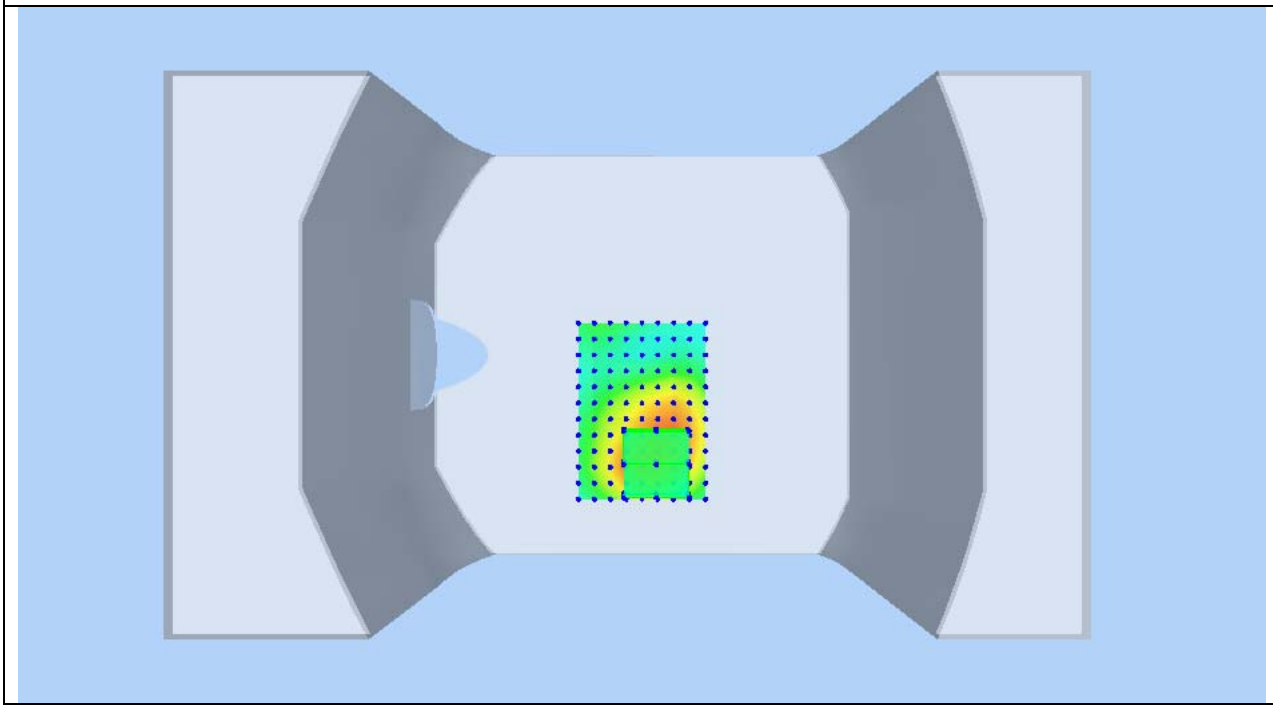
Medium(liquid type)	MSL_1900
Frequency (MHz)	1909.80000
Relative permittivity (real part)	53.29
Conductivity (S/m)	1.47
E-Field Probe	SN 18/11 EPG123
Crest factor	2.0
Conversion Factor	8.18
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	-2.26000
SAR 10g (W/Kg)	0.313628
SAR 1g (W/Kg)	0.532108
SURFACE SAR	VOLUME SAR





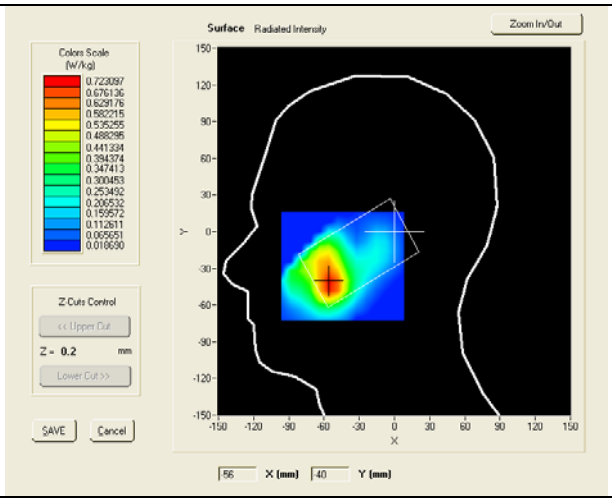


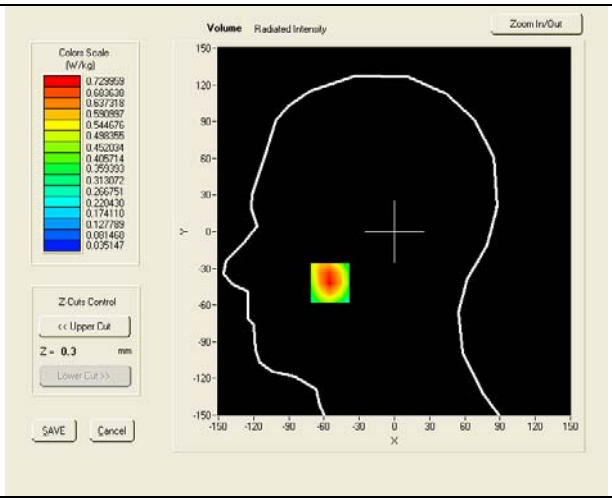
3D screen shot

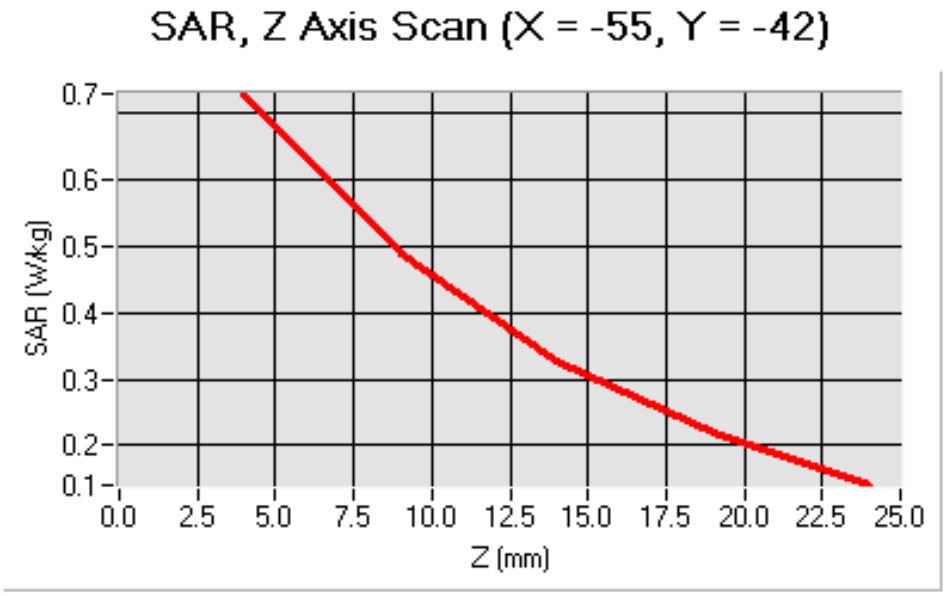


Test mode: WCDMA BAND Ⅱ , low channel (Right Head Cheek)
Product Description: GSM+WCDMA SMART PHONE
Model: AX530
Test Date: April 27th, 2013

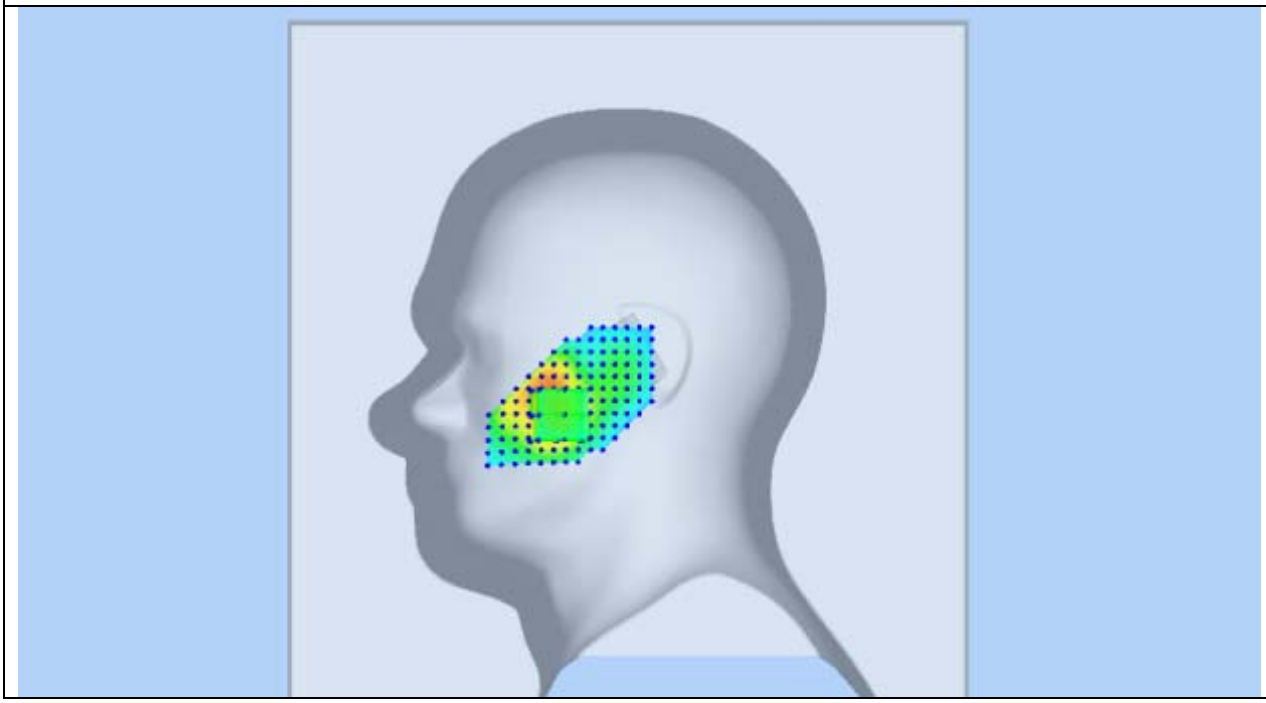
Medium(liquid type)	HSL_1900
Frequency (MHz)	1852.40000
Relative permitivity (real part)	39.81
Conductivity (S/m)	1.38
E-Field Probe	SN 18/11 EPG123
Crest factor	1.0
Conversion Factor	9.09
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	0.34000
SAR 10g (W/Kg)	0.425271
SAR 1g (W/Kg)	0.690926
SURFACE SAR	VOLUME SAR





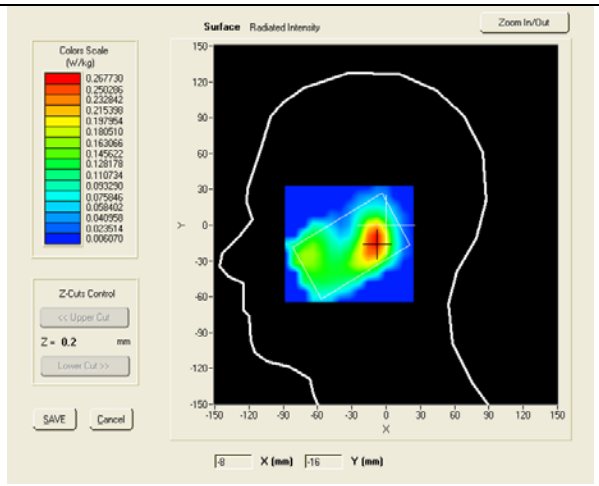


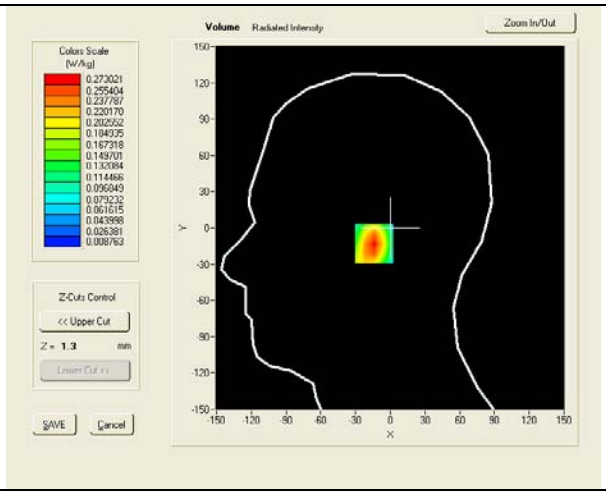
3D screen shot

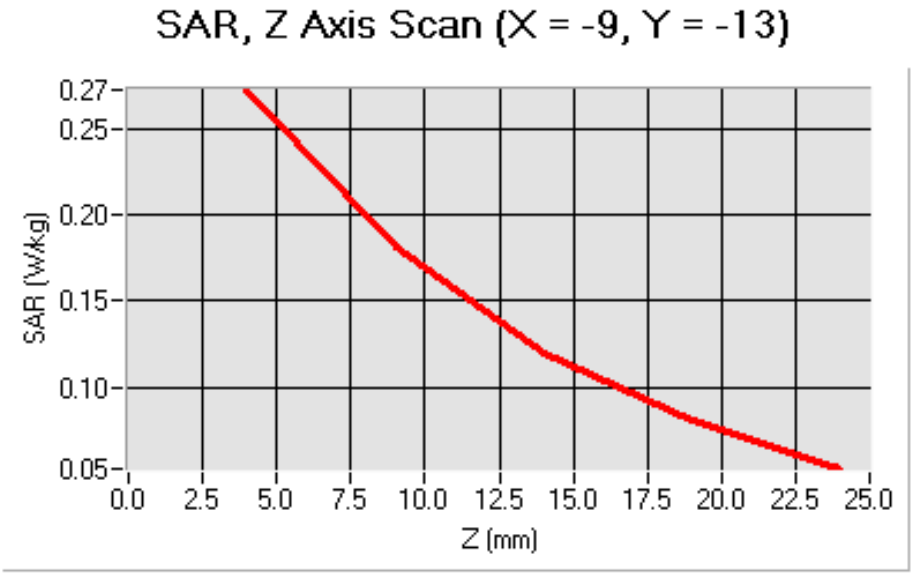


Test mode: WCDMA BAND Ⅱ , low channel (Right Head Tilt)
Product Description: GSM+WCDMA SMART PHONE
Model: AX530
Test Date: April 27th, 2013

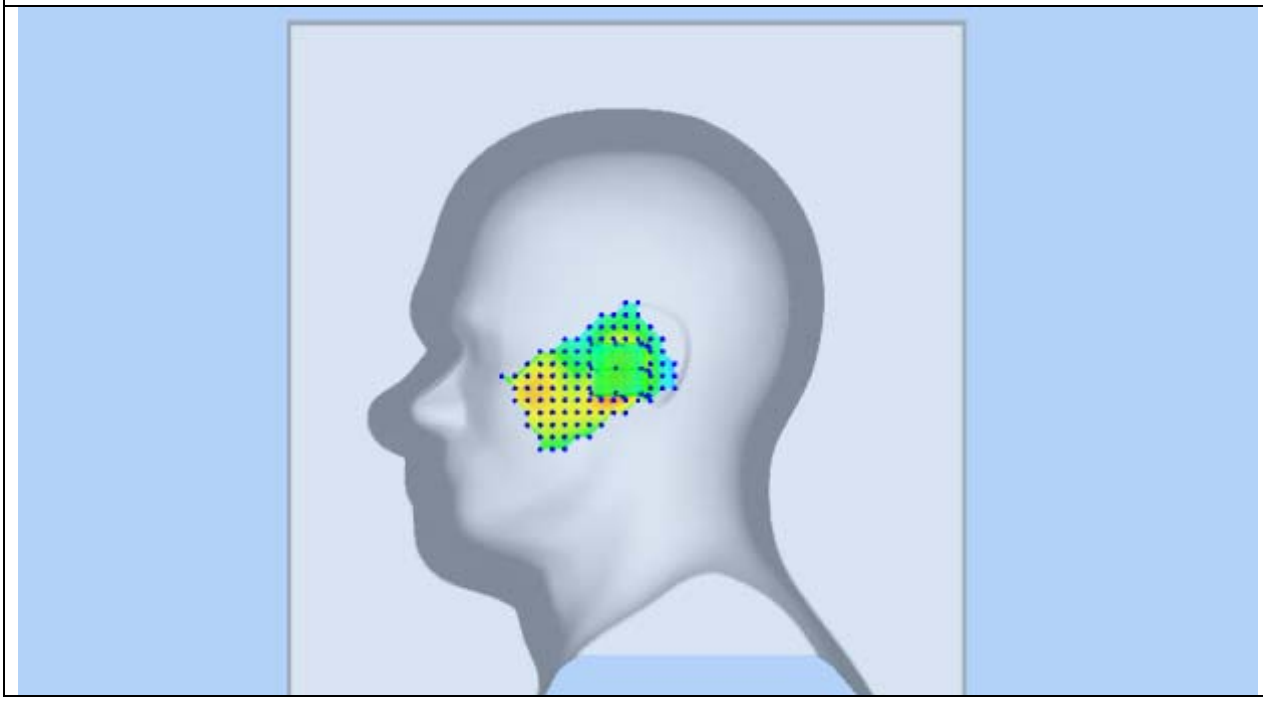
Medium(liquid type)	HSL_1900
Frequency (MHz)	1852.40000
Relative permitivity (real part)	39.81
Conductivity (S/m)	1.38
E-Field Probe	SN 18/11 EPG123
Crest factor	1.0
Conversion Factor	9.09
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	0.59000
SAR 10g (W/Kg)	0.152583
SAR 1g (W/Kg)	0.256054
SURFACE SAR	VOLUME SAR





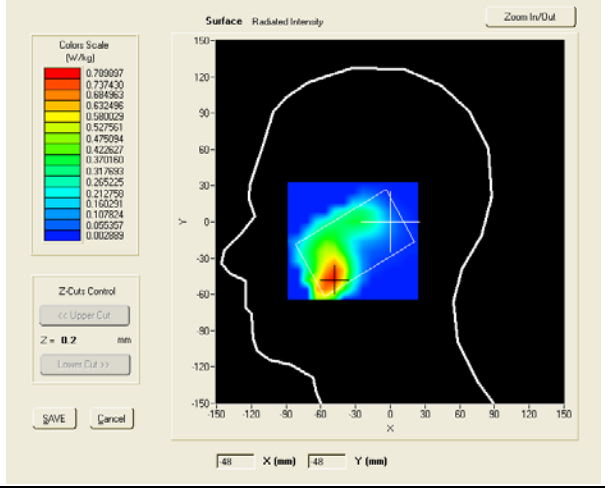


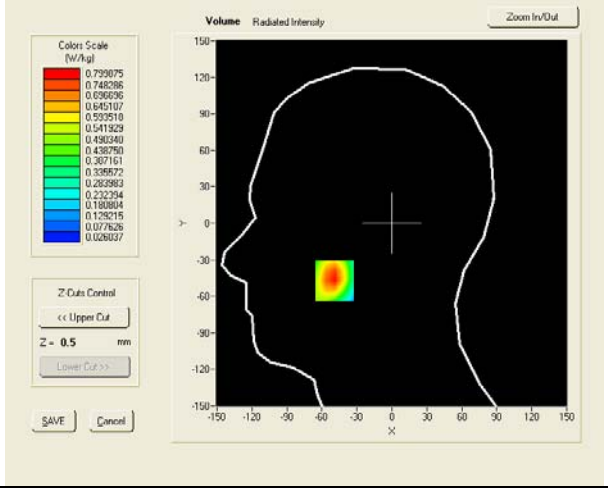
3D screen shot

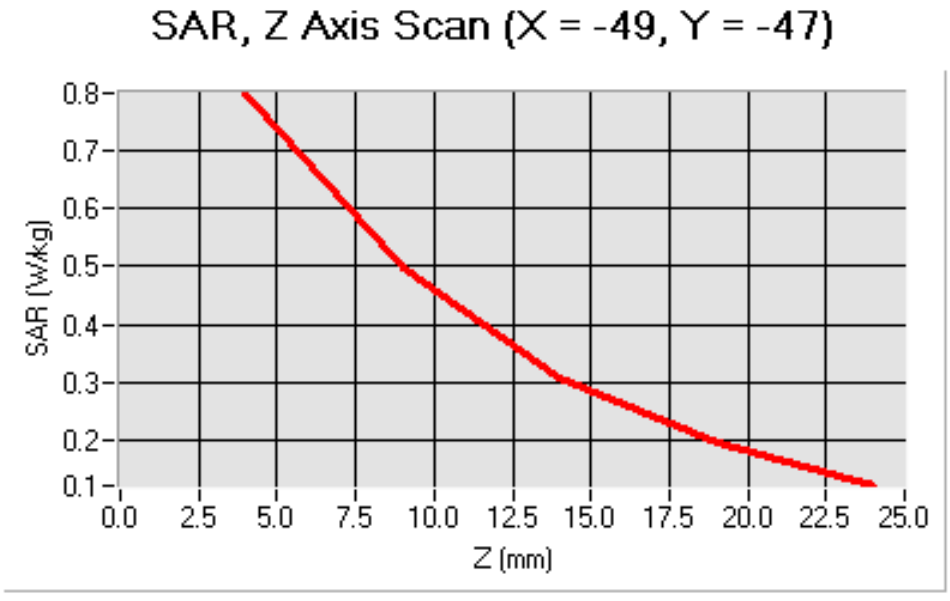


Test mode: WCDMA BAND Ⅱ , low channel (left Head Cheek)
Product Description: GSM+WCDMA SMART PHONE
Model: AX530
Test Date: April 27th, 2013

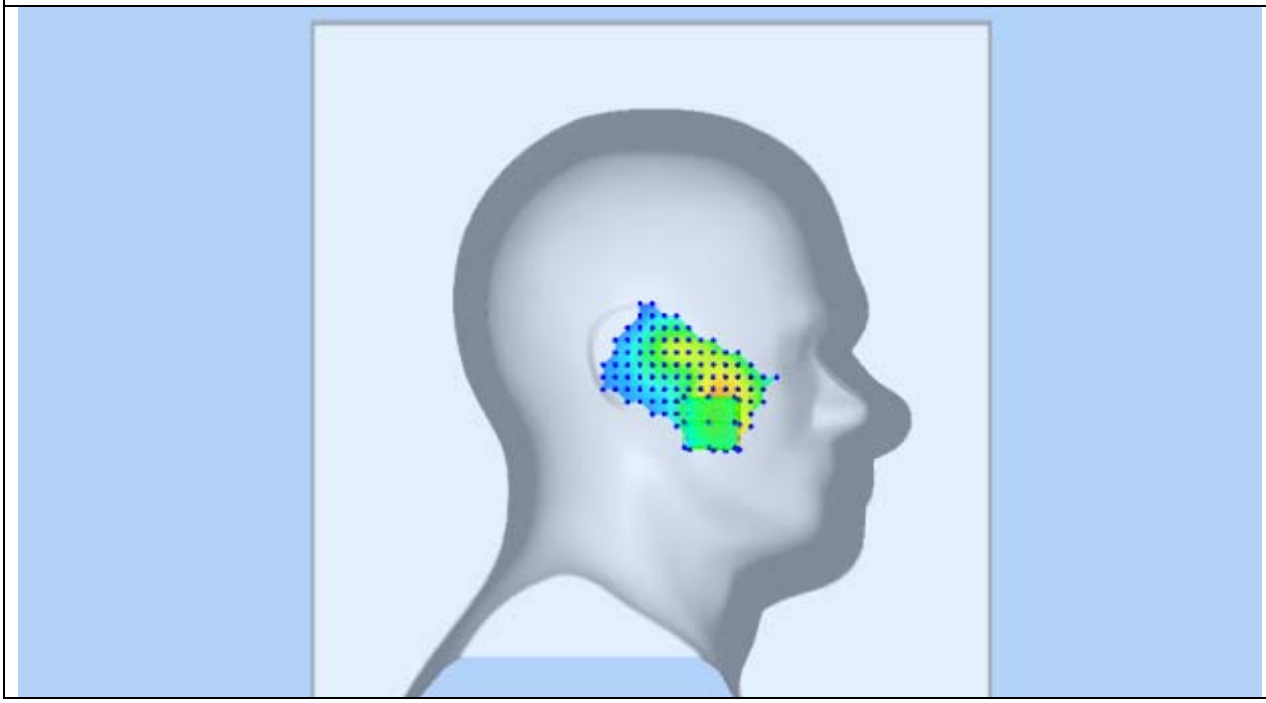
Medium(liquid type)	HSL_1900
Frequency (MHz)	1852.40000
Relative permitivity (real part)	39.81
Conductivity (S/m)	1.38
E-Field Probe	SN 18/11 EPG123
Crest factor	1.0
Conversion Factor	9.09
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	1.11000
SAR 10g (W/Kg)	0.440184
SAR 1g (W/Kg)	0.758324
SURFACE SAR	VOLUME SAR





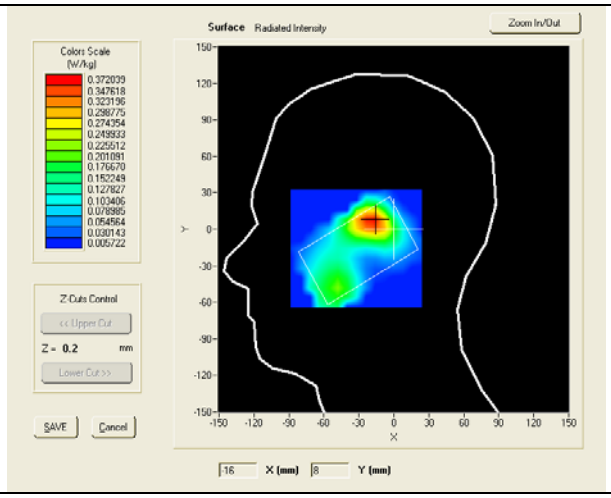


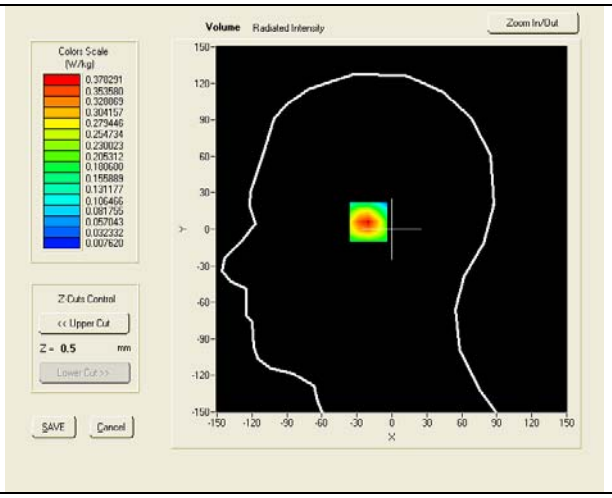
3D screen shot

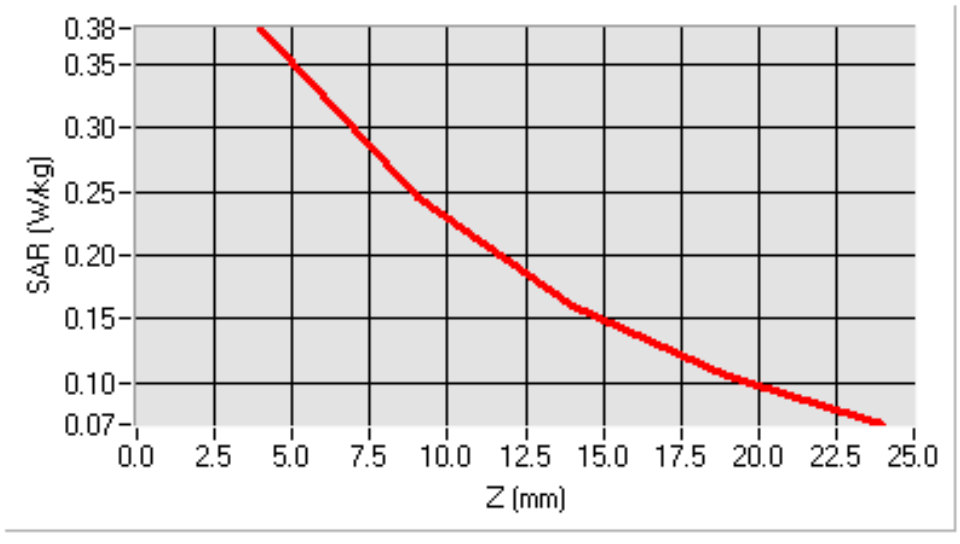


Test mode: WCDMA BAND Ⅱ , low channel (Left Head Tilt)
Product Description: GSM+WCDMA SMART PHONE
Model: AX530
Test Date: April 27th, 2013

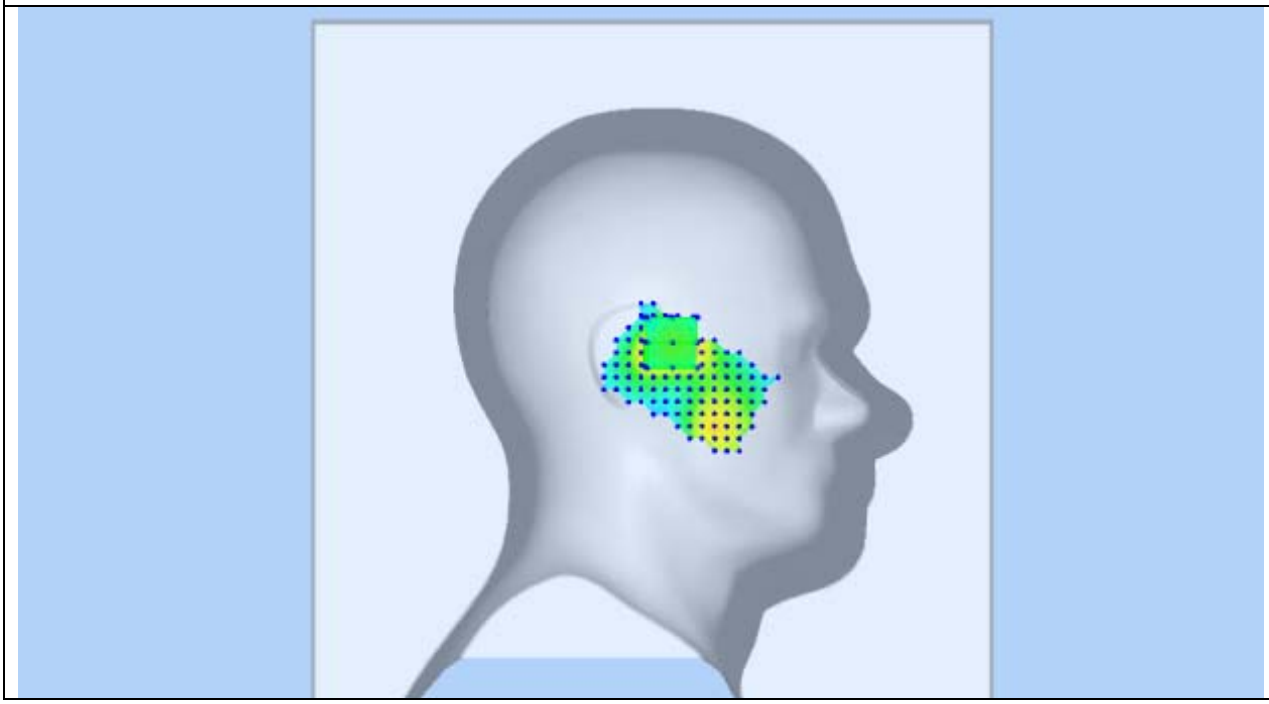
Medium(liquid type)	HSL_1900
Frequency (MHz)	1852.40000
Relative permitivity (real part)	39.81
Conductivity (S/m)	1.38
E-Field Probe	SN 18/11 EPG123
Crest factor	1.0
Conversion Factor	9.09
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	-0.30000
SAR 10g (W/Kg)	0.205367
SAR 1g (W/Kg)	0.354487
SURFACE SAR	VOLUME SAR





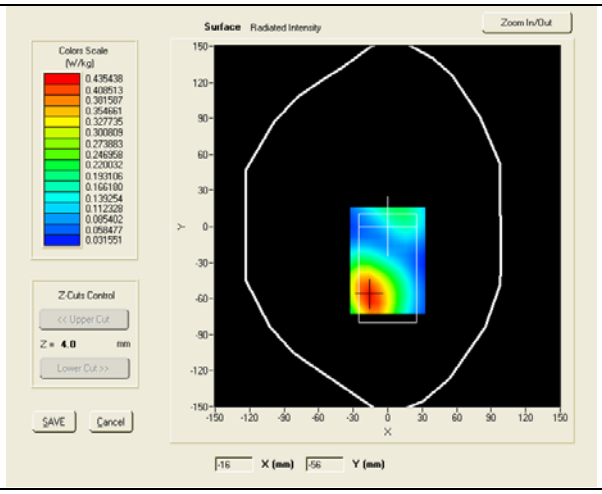


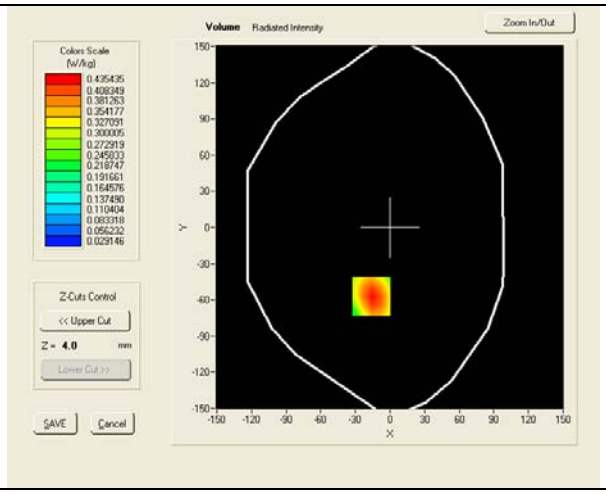
3D screen shot

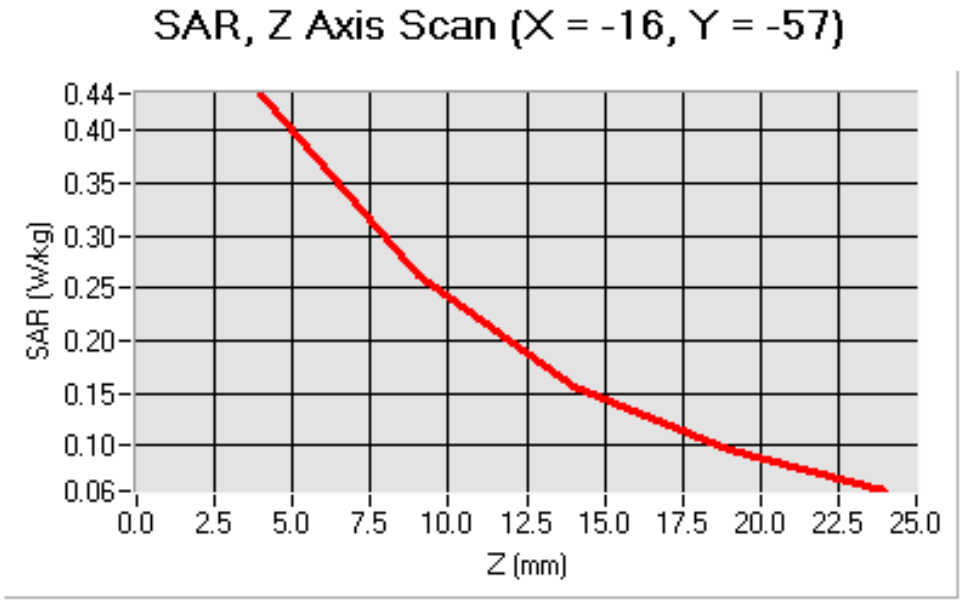


Test mode: WCDMA BAND Ⅱ , low channel (Body LCD-UP)
Product Description: GSM+WCDMA SMART PHONE
Model: AX530
Test Date: April 27th, 2013

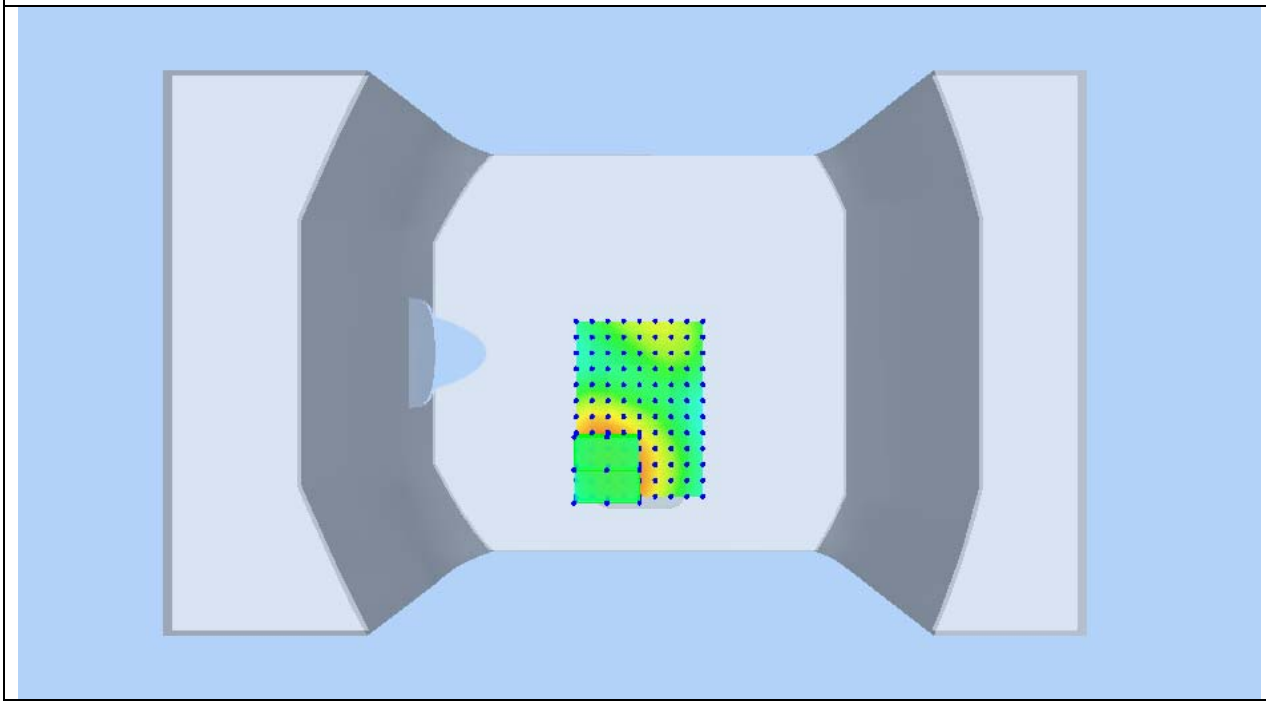
Medium(liquid type)	MSL_1900
Frequency (MHz)	1852.40000
Relative permitivity (real part)	53.29
Conductivity (S/m)	1.47
E-Field Probe	SN 18/11 EPG123
Crest factor	1.0
Conversion Factor	9.32
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	-0.58000
SAR 10g (W/Kg)	0.268011
SAR 1g (W/Kg)	0.449036
SURFACE SAR	VOLUME SAR





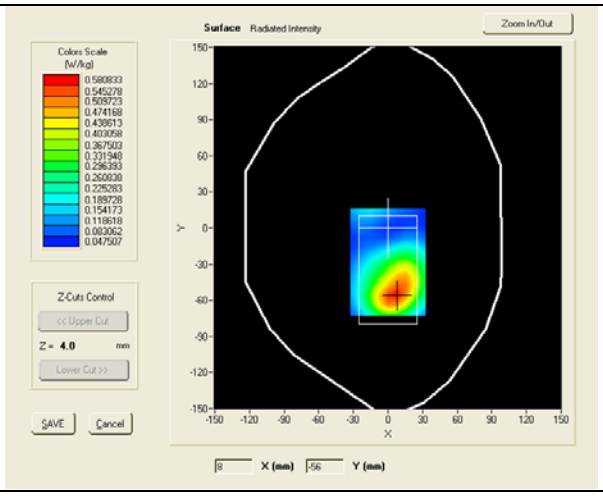


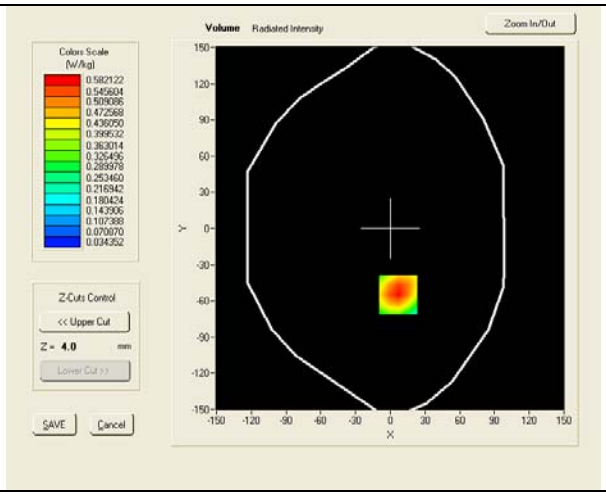
3D screen shot

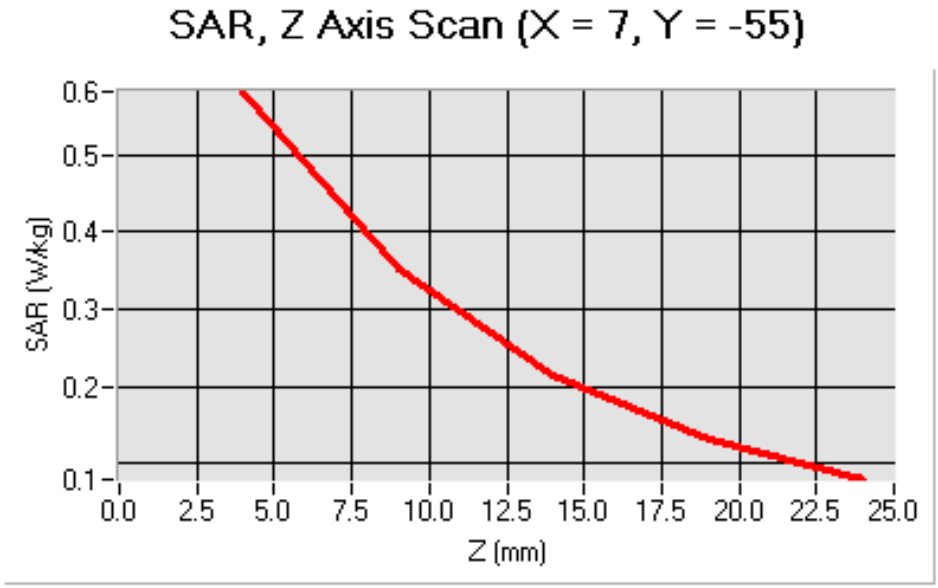


Test mode: WCDMA BAND Ⅱ , low channel (Body LCD-DOWN)
Product Description: GSM+WCDMA SMART PHONE
Model: AX530
Test Date: April 27th, 2013

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 (%)	-0.06000
SAR 10g (W/Kg)	0.354027
SAR 1g (W/Kg)	0.601106
SURFACE SAR	VOLUME SAR







3D screen shot