

## SAR DATA SUMMARY

Mixture Type: 835MHz Brain

### 14.1 MEASUREMENT RESULTS (CELLULAR CDMA Right Head SAR – Touch)

FREQUENCY		Modulation	Begin / End POWER <sup>†</sup>			Device Test Position	Antenna Position	SAR (W/kg)
MHz	Ch.		(dBm)		Battery			
824.70	1013	CDMA	24.0	24.0	Standard	Cheek / Touch	In	0.901
824.70	1013	CDMA	24.0	24.0	Standard	Cheek / Touch	Out	0.642
836.49	0383	CDMA	24.0	24.0	Standard	Cheek / Touch	In	0.710
836.49	0383	CDMA	24.0	24.0	Standard	Cheek / Touch	Out	0.567
848.31	0777	CDMA	24.0	24.0	Standard	Cheek / Touch	In	0.667
848.31	0777	CDMA	24.0	24.0	Standard	Cheek / Touch	Out	0.526
824.70	1013	CDMA	24.0	24.0	Slim	Cheek / Touch	In	0.732
824.70	1013	CDMA	24.0	24.0	Slim	Cheek / Touch	Out	0.612
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						Brain 1.6 W/kg (mW/g) averaged over 1 gram		

#### NOTES:

- The test data reported are the worst-case SAR value with the antenna-head position set in a typical configuration. Test procedures used are according to FCC/OET Bulletin 65, Supp.C [July 2001].
  - All modes of operation were investigated, and worst-case results are reported.
  - Battery is fully charged for all readings.
- <sup>†</sup>Power Measured
- |   |  |   |
|---|--|---|
| <input checked="" type="checkbox"/> Conducted             | <input type="checkbox"/> ERP                         | <input type="checkbox"/> EIRP                   |
| <input checked="" type="checkbox"/> DASY3                 | <input type="checkbox"/> IDX                         | <input type="checkbox"/>                        |
| <input type="checkbox"/> Phantom Configuration            | <input type="checkbox"/> Left Head                   | <input type="checkbox"/> Flat Phantom           |
| <input checked="" type="checkbox"/> SAR Configuration     | <input checked="" type="checkbox"/> Head             | <input type="checkbox"/> Body                   |
| <input checked="" type="checkbox"/> Test Signal Call Mode | <input checked="" type="checkbox"/> Manu. Test Codes | <input type="checkbox"/> Base Station Simulator |
| <input type="checkbox"/>                                  | <input type="checkbox"/>                             | <input checked="" type="checkbox"/> Right Head  |
| <input type="checkbox"/>                                  | <input type="checkbox"/>                             | <input type="checkbox"/> Hand                   |
- Tissue parameters and temperatures are listed on the SAR plots.
  - Liquid tissue depth is 15cm.

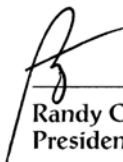


  
Randy Ortanez  
President



Figure 14.1 Right Head SAR Test Setup  
-- Cheek / Touch Position --

PCTEST™ SAR REPORT		FCC CERTIFICATION		Reviewed by: Quality Manager
SAR Filename: SAR-220415161.OL6	Test Dates: April 15-16, 2002	Phone Type: Single-Mode CDMA Cellular	FCC ID: OL6SK-5000	Page 18 of 25

## SAR DATA SUMMARY (Continued)

Mixture Type: 835MHz Brain

14.2 MEASUREMENT RESULTS (CELLULAR CDMA Right Head SAR – Tilt)								
FREQUENCY		Modulation	Begin / End POWER <sup>†</sup>			Device Test Position	Antenna Position	SAR (W/kg)
MHz	Ch.		(dBm)		Battery			
824.70	1013	CDMA	24.0	24.0	Standard	Ear / 15° Tilt	In	0.310
824.70	1013	CDMA	24.0	24.0	Standard	Ear / 15° Tilt	Out	0.216
836.49	0383	CDMA	24.0	24.0	Standard	Ear / 15° Tilt	In	0.198
836.49	0383	CDMA	24.0	24.0	Standard	Ear / 15° Tilt	Out	0.165
848.31	0777	CDMA	24.0	24.0	Standard	Ear / 15° Tilt	In	0.202
848.31	0777	CDMA	24.0	24.0	Standard	Ear / 15° Tilt	Out	0.176
824.70	1013	CDMA	24.0	24.0	Slim	Ear / 15° Tilt	In	0.310
ANSI / IEEE C95.1 1992 - SAFETY LIMIT						Brain		
Spatial Peak						1.6 W/kg (mW/g)		
Uncontrolled Exposure/General Population						averaged over 1 gram		

### NOTES:

- The test data reported are the worst-case SAR value with the antenna-head position set in a typical configuration. Test procedures used are according to FCC/OET Bulletin 65, Supp.C [July 2001].
- All modes of operation were investigated, and worst-case results are reported.
- Battery is fully charged for all readings.

- †Power Measured
- |  |   |  |
|--|---|--|
| <input checked="" type="checkbox"/> Conducted        | <input type="checkbox"/> ERP                    | <input type="checkbox"/> EIRP                  |
| <input checked="" type="checkbox"/> DASY3            | <input type="checkbox"/> IDX                    | <input type="checkbox"/>                       |
| <input type="checkbox"/> Left Head                   | <input type="checkbox"/> Flat Phantom           | <input checked="" type="checkbox"/> Right Head |
| <input checked="" type="checkbox"/> Head             | <input type="checkbox"/> Body                   | <input type="checkbox"/> Hand                  |
| <input checked="" type="checkbox"/> Manu. Test Codes | <input type="checkbox"/> Base Station Simulator |  |
- SAR Measurement System
  - Phantom Configuration
  - SAR Configuration
  - Test Signal Call Mode
  - Tissue parameters and temperatures are listed on the SAR plots.
  - Liquid tissue depth is 15cm.



  
Randy Ortañez  
President



Figure 14.2 Right Head SAR Test Setup  
-- Ear / 15° Tilt Position --

PCTEST™ SAR REPORT	FCC CERTIFICATION			Reviewed by: Quality Manager
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## SAR DATA SUMMARY (Continued)

Mixture Type: 835MHz Brain

14.3 MEASUREMENT RESULTS (CDMA Left Head SAR - Touch)								
FREQUENCY		Modulation	Begin / End POWER <sup>†</sup>			Device Test Position	Antenna Position	SAR (W/kg)
MHz	Ch.		(dBm)		Battery			
824.70	1013	CDMA	24.0	24.0	Standard	Cheek / Touch	In	1.280
824.70	1013	CDMA	24.0	24.0	Standard	Cheek / Touch	Out	0.902
836.49	0383	CDMA	24.0	24.0	Standard	Cheek / Touch	In	0.881
836.49	0383	CDMA	24.0	24.0	Standard	Cheek / Touch	Out	0.695
848.31	0777	CDMA	24.0	24.0	Standard	Cheek / Touch	In	0.929
848.31	0777	CDMA	24.0	24.0	Standard	Cheek / Touch	Out	0.767
824.70	1013	CDMA	24.0	24.0	Slim	Cheek / Touch	In	1.240
824.70	1013	CDMA	24.0	24.0	Slim	Cheek / Touch	Out	0.891
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						Brain 1.6 W/kg (mW/g) averaged over 1 gram		

### NOTES:

- The test data reported are the worst-case SAR value with the antenna-head position set in a typical configuration. Test procedures used are according to FCC/OET Bulletin 65, Supp.C [July 2001].
  - All modes of operation were investigated, and worst-case results are reported.
  - Battery is fully charged for all readings.
- <sup>†</sup>Power Measured      ☒ Conducted      ☐ ERP      ☐ EIRP  
 4. SAR Measurement System      ☒ DASY3      ☐ IDX      ☐  
 Phantom Configuration      ☒ Left Head      ☐ Flat Phantom      ☐ Right Head  
 5. SAR Configuration      ☒ Head      ☐ Body      ☐ Hand  
 6. Test Signal Call Mode      ☒ Manu. Test Codes      ☐ Base Station Simulator  
 7. Tissue parameters and temperatures are listed on the SAR plots.  
 8. Liquid tissue depth is 15cm.

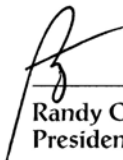

  
Randy Ortanez  
President



Figure 14.3 Left Head SAR Test Setup  
-- Cheek / Touch Position --

PCTEST™ SAR REPORT	FCC CERTIFICATION			Reviewed by: Quality Manager
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## SAR DATA SUMMARY (Continued)

Mixture Type: 835MHz Brain

14.4 MEASUREMENT RESULTS (CELLULAR CDMA Left Head SAR – Tilt)								
FREQUENCY		Modulation	Begin / End POWER <sup>†</sup>			Device Test Position	Antenna Position	SAR (W/kg)
MHz	Ch.		(dBm)		Battery			
824.70	1013	CDMA	24.0	24.0	Standard	Ear / 15° Tilt	In	0.377
824.70	1013	CDMA	24.0	24.0	Standard	Ear / 15° Tilt	Out	0.285
836.49	0383	CDMA	24.0	24.0	Standard	Ear / 15° Tilt	In	0.250
836.49	0383	CDMA	24.0	24.0	Standard	Ear / 15° Tilt	Out	0.222
848.31	0777	CDMA	24.0	24.0	Standard	Ear / 15° Tilt	In	0.260
848.31	0777	CDMA	24.0	24.0	Standard	Ear / 15° Tilt	Out	0.238
824.70	1013	CDMA	24.0	24.0	Slim	Ear / 15° Tilt	In	0.358
824.70	1013	CDMA	24.0	24.0	Slim	Ear / 15° Tilt	Out	0.269
ANSI / IEEE C95.1 1992 - SAFETY LIMIT						Brain		
Spatial Peak						1.6 W/kg (mW/g)		
Uncontrolled Exposure/General Population						averaged over 1 gram		

### NOTES:

- The test data reported are the worst-case SAR value with the antenna-head position set in a typical configuration. Test procedures used are according to FCC/OET Bulletin 65, Supp.C [July 2001].
  - All modes of operation were investigated, and worst-case results are reported.
  - Battery is fully charged for all readings.
- <sup>†</sup>Power Measured      ☒ Conducted      ☐ ERP      ☐ EIRP  
 SAR Measurement System      ☒ DASY3      ☐ IDX      ☐  
 Phantom Configuration      ☒ Left Head      ☐ Flat Phantom      ☐ Right Head  
 SAR Configuration      ☒ Head      ☐ Body      ☐ Hand  
 Test Signal Call Mode      ☒ Manu. Test Codes      ☐ Base Station Simulator
- Tissue parameters and temperatures are listed on the SAR plots.
  - Liquid tissue depth is 15cm +/- 0.1 cm.

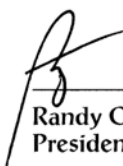

  
Randy Ortanez  
President



Figure 14.4 Left Head SAR Test Setup  
-- Ear / 15° Tilt Position --

PCTEST™ SAR REPORT	FCC CERTIFICATION			Reviewed by: Quality Manager
SAR Filename: SAR-220415161.OL6	Test Dates: April 15-16, 2002	Phone Type: Single-Mode CDMA Cellular	FCC ID: OL6SK-5000	Page 21 of 25

## SAR DATA SUMMARY (Continued)

Mixture Type: 835MHz Brain

14.5 MEASUREMENT RESULTS (CELLULAR CDMA Body SAR w/o – Holster)								
FREQUENCY		Modulation	Begin / End POWER <sup>†</sup>			Separation Distance (cm) <sup>++</sup>	Antenna Position	SAR (W/kg)
MHz	Ch.		(dBm)		Battery			
824.70	1013	CDMA	24.0	24.0	Standard	1.5 [w/o Holster]	In	0.876
824.70	1013	CDMA	24.0	24.0	Standard	1.5 [w/o Holster]	Out	0.757
836.49	0383	CDMA	24.0	24.0	Standard	1.5 [w/o Holster]	In	0.595
836.49	0383	CDMA	24.0	24.0	Standard	1.5 [w/o Holster]	Out	0.575
848.31	0777	CDMA	24.0	24.0	Standard	1.5 [w/o Holster]	In	0.664
848.31	0777	CDMA	24.0	24.0	Standard	1.5 [w/o Holster]	Out	0.658
824.70	1013	CDMA	24.0	24.0	Slim	1.5 [w/o Holster]	In	0.870
824.70	1013	CDMA	24.0	24.0	Slim	1.5 [w/o Holster]	Out	0.751
ANSI / IEEE C95.1 1992 - SAFETY LIMIT						Brain		
Spatial Peak						1.6 W/kg (mW/g)		
Uncontrolled Exposure/General Population						averaged over 1 gram		

### NOTES:

- The test data reported are the worst-case SAR value with the antenna-head position set in a typical configuration. Test procedures used are according to FCC/OET Bulletin 65, Supp.C [July 2001].
  - All modes of operation were investigated, and worst-case results are reported.
  - Battery is fully charged for all readings.
- <sup>†</sup>Power Measured      ☒ Conducted      ☐ ERP      ☐ EIRP  
 4. SAR Measurement System      ☒ DASY3      ☐ IDX      ☐  
 Phantom Configuration      ☐ Left Head      ☒ Flat Phantom      ☐ Right Head  
 5. SAR Configuration      ☐ Head      ☒ Body      ☐ Hand  
 6. Test Signal Call Mode      ☒ Manu. Test Codes      ☐ Base Station Simulator  
 7. Liquid tissue depth is 15cm +/- 0.1 cm.




  
Randy Ortañez  
President



Figure 14.5 Body SAR Test Setup  
-- w/o Holster --

PCTEST™ SAR REPORT		FCC CERTIFICATION		Reviewed by: Quality Manager
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# SK TELETECH FCC ID: OL6SK-500-- Cellular CDMA Head SAR

SAM Phantom; Right Hand Section; Probe:ET3DV6 - SN1560; ConvF(6.78,6.78,6.78)

Med. Parameters 835 MHz Brain:  $\sigma = 0.91$  mho/m  $\epsilon_r = 40.6$   $\rho = 1.00$  g/cm<sup>3</sup>; Antenna Position -- In; Crest Factor 1.0

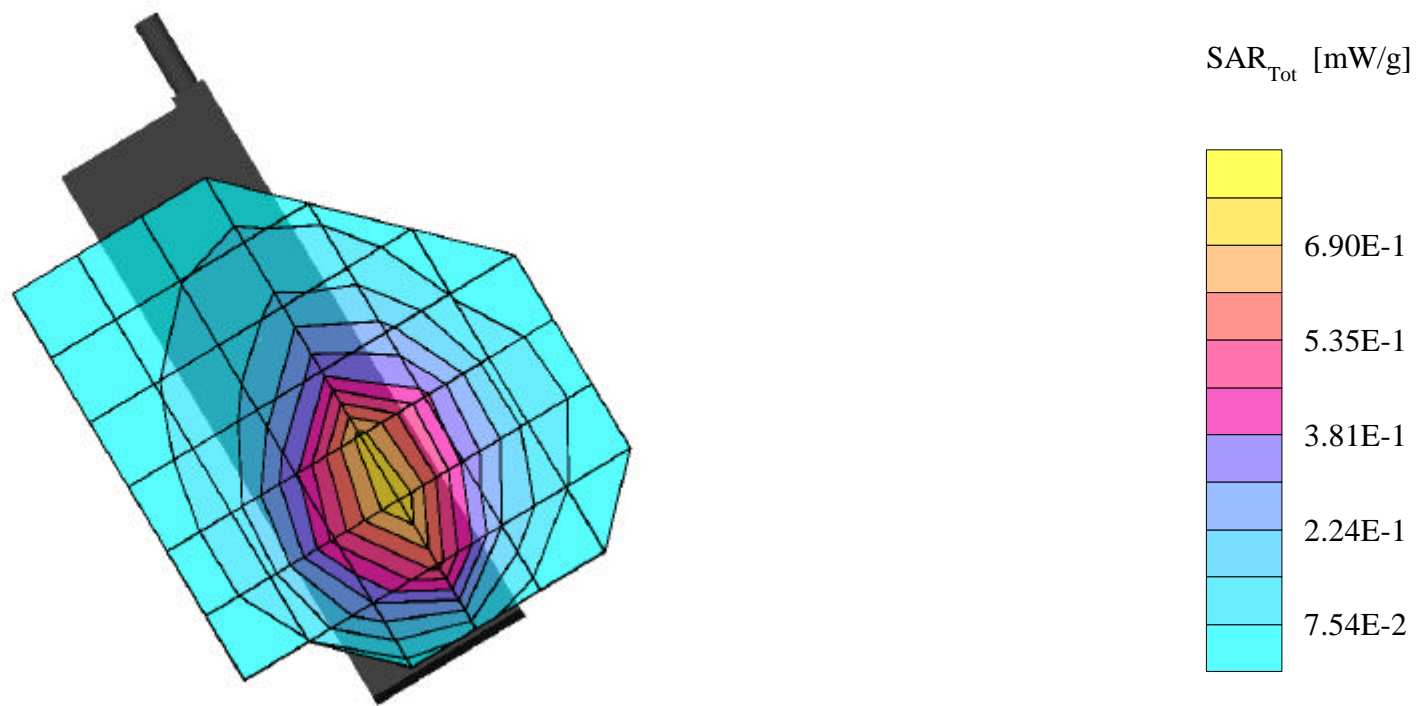
**SAR (1g): 0.732 mW/g**, SAR (10g): 0.538 mW/g

SK TELETECH Cellular CDMA Only Phone Model: SK-5000

Cellular CDMA Mode, Ch.1013 [824.70MHz]; Slim Battery; Flip = open; Ambient Temp. = 22.1°C / Meas. Tissue Temp. = 22.0°C

Conducted Power = 24.0dBm; Right Head Phantom, Cheek/Touch position

Test Date -- 04/16/2002 [FCC/OET Bulletin 65 - Supplement C, July 2001]



# SK TELETECH FCC ID: OL6SK-500-- Cellular CDMA Head SAR

SAM Phantom; Right Hand Section; Probe:ET3DV6 - SN1560; ConvF(6.78,6.78,6.78)

Med. Parameters 835 MHz Brain:  $\sigma = 0.91$  mho/m  $\epsilon_r = 40.6$   $\rho = 1.00$  g/cm<sup>3</sup>; Antenna Position -- Out; Crest Factor 1.0

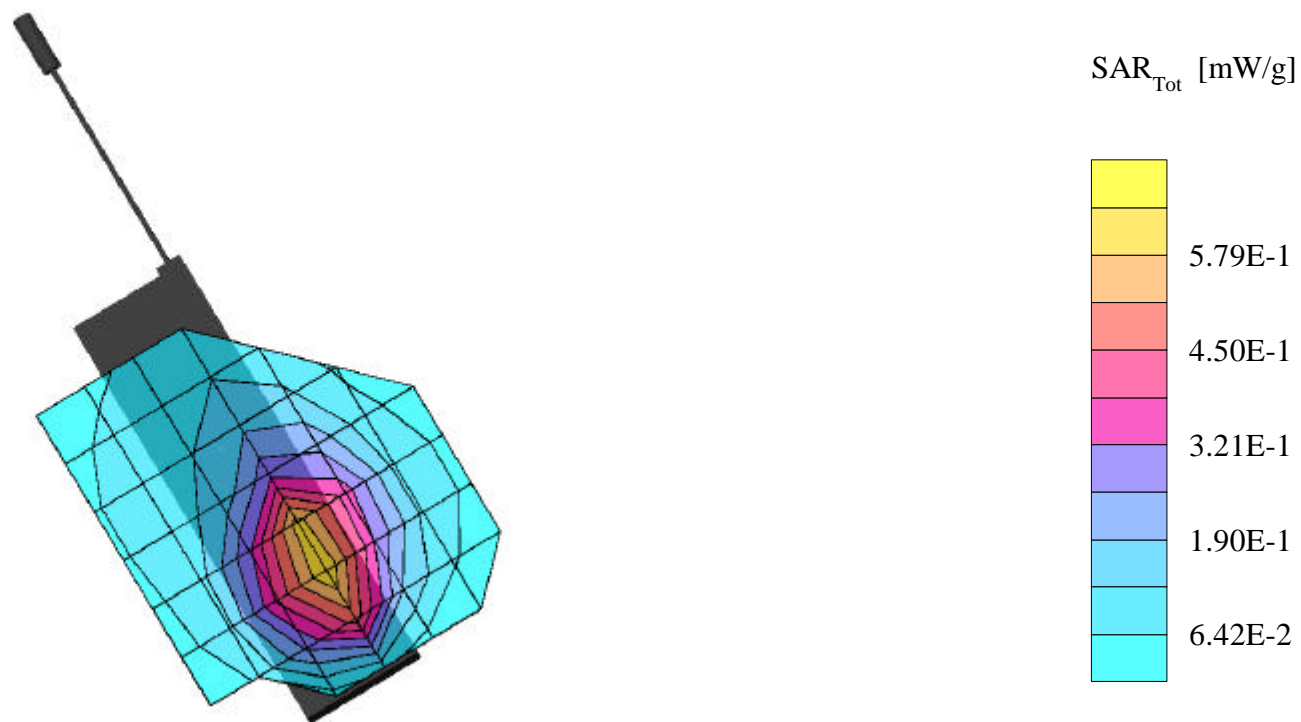
**SAR (1g): 0.612 mW/g**, SAR (10g): 0.448 mW/g

SK TELETECH Cellular CDMA Only Phone Model: SK-5000

Cellular CDMA Mode, Ch.1013 [824.70MHz]; Slim Battery; Flip = open; Ambient Temp. = 22.1°C / Meas. Tissue Temp. = 22.0°C

Conducted Power = 24.0dBm; Right Head Phantom, Cheek/Touch position

Test Date -- 04/16/2002 [FCC/OET Bulletin 65 - Supplement C, July 2001]





# SK TELETECH FCC ID: OL6SK-500-- Cellular CDMA Head SAR

SAM Phantom; Right Hand Section; Probe:ET3DV6 - SN1560; ConvF(6.78,6.78,6.78)

Med. Parameters 835 MHz Brain:  $\sigma = 0.91$  mho/m  $\epsilon_r = 40.6$   $\rho = 1.00$  g/cm<sup>3</sup>; Antenna Position -- In; Crest Factor 1.0

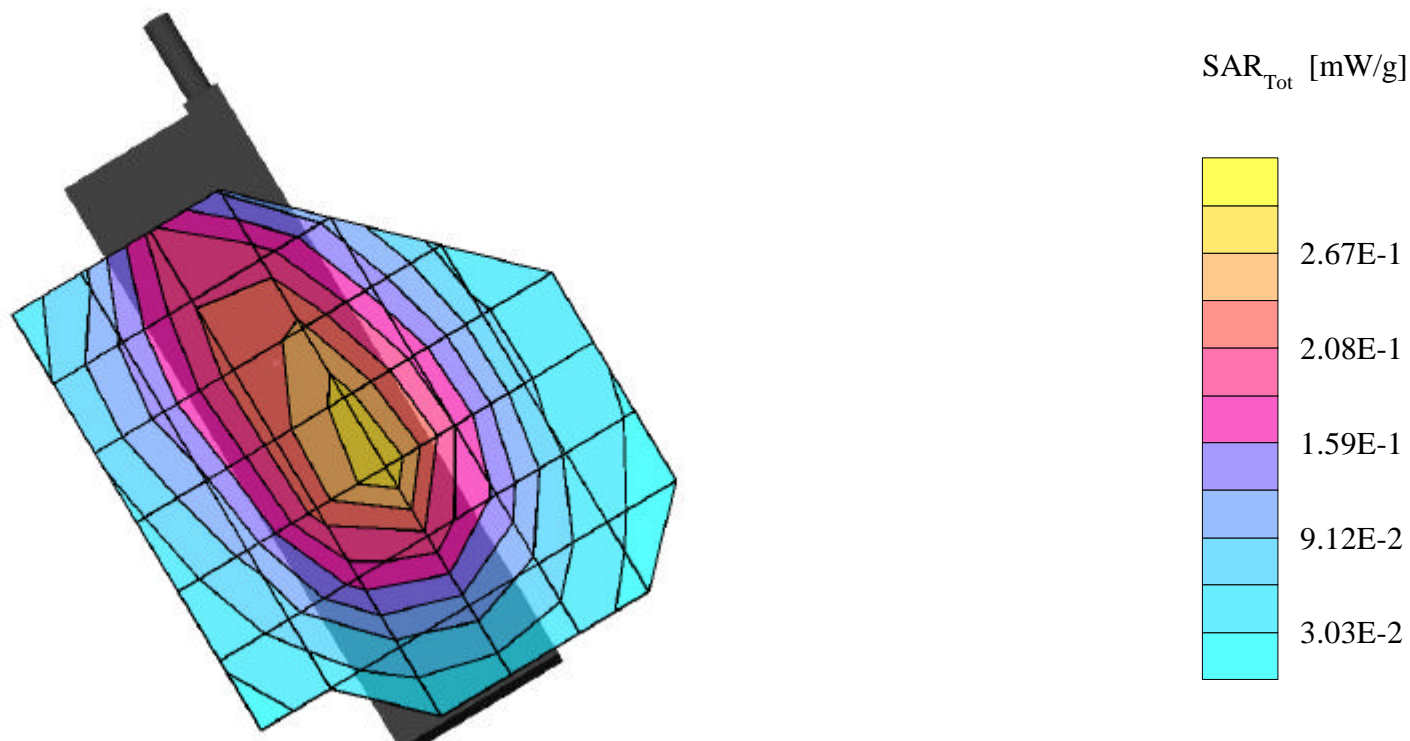
**SAR (1g): 0.298 mW/g**, SAR (10g): 0.215 mW/g

SK TELETECH Cellular CDMA Only Phone Model: SK-5000

Cellular CDMA Mode, Ch.1013 [824.70MHz]; Slim Battery; Flip = open; Ambient Temp. = 22.1°C / Meas. Tissue Temp. = 22.0°C

Conducted Power = 24.0dBm; Right Head Phantom, Ear/15° Tilt position

Test Date -- 04/16/2002 [FCC/OET Bulletin 65 - Supplement C, July 2001]





# SK TELETECH FCC ID: OL6SK-500-- Cellular CDMA Head SAR

SAM Phantom; Right Hand Section; Probe:ET3DV6 - SN1560; ConvF(6.78,6.78,6.78)

Med. Parameters 835 MHz Brain:  $\sigma = 0.91$  mho/m  $\epsilon_r = 40.6$   $\rho = 1.00$  g/cm<sup>3</sup>; Antenna Position -- Out; Crest Factor 1.0

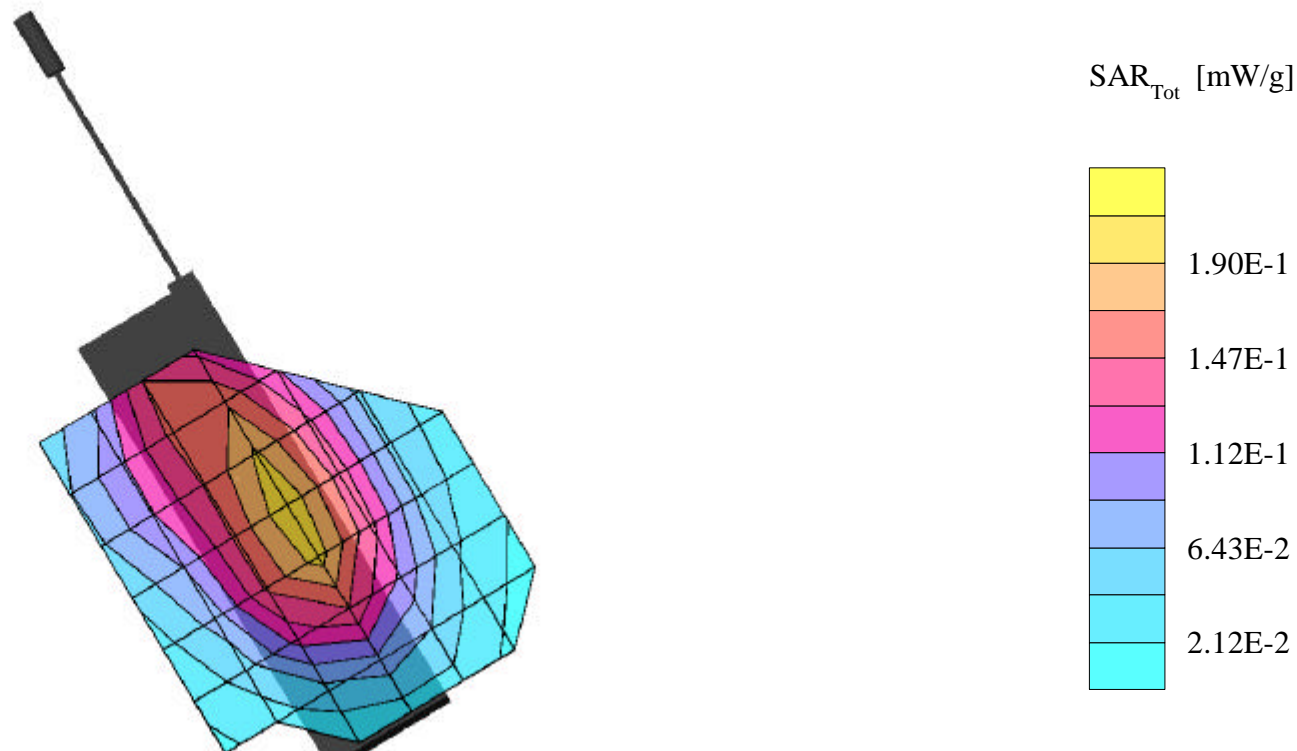
**SAR (1g): 0.204 mW/g**, SAR (10g): 0.149 mW/g

SK TELETECH Cellular CDMA Only Phone Model: SK-5000

Cellular CDMA Mode, Ch.1013 [824.70MHz]; Slim Battery; Flip = open; Ambient Temp. = 22.1°C / Meas. Tissue Temp. = 22.0°C

Conducted Power = 24.0dBm; Right Head Phantom, Ear/15° Tilt position

Test Date -- 04/16/2002 [FCC/OET Bulletin 65 - Supplement C, July 2001]



# SK TELETECH FCC ID: OL6SK-500-- Cellular CDMA Head SAR

SAM Phantom; Left Hand Section; Probe:ET3DV6 - SN1560; ConvF(6.78,6.78,6.78)

Med. Parameters 835 MHz Brain:  $\sigma = 0.91$  mho/m  $\epsilon_r = 40.6$   $\rho = 1.00$  g/cm<sup>3</sup>; Antenna Position -- Out; Crest Factor 1.0

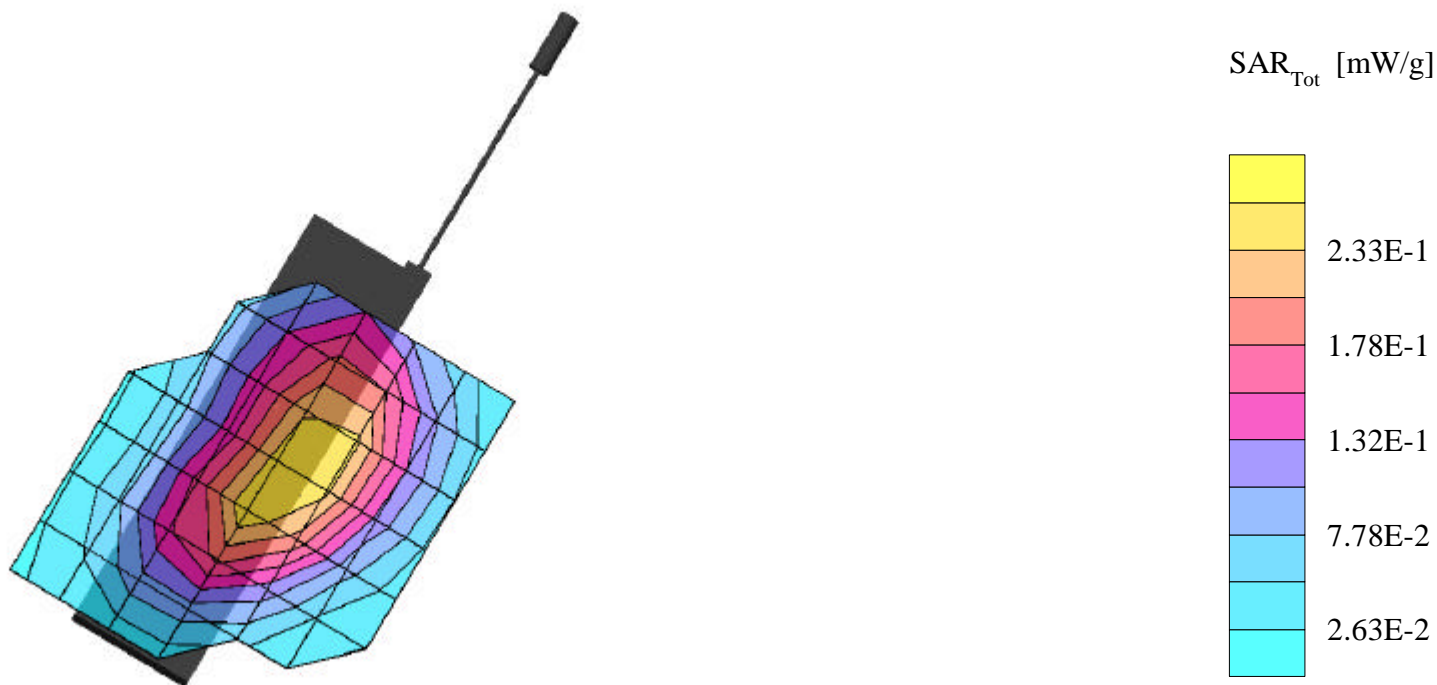
**SAR (1g): 0.269 mW/g, SAR (10g): 0.189 mW/g**

SK TELETECH Cellular CDMA Only Phone Model: SK-5000

Cellular CDMA Mode, Ch.1013 [824.70MHz]; Slim Battery; Flip = open; Ambient Temp. = 22.1°C / Meas. Tissue Temp. = 22.0°C

Conducted Power = 24.0dBm; Left Head Phantom, Ear/15° Tilt position

Test Date -- 04/16/2002 [FCC/OET Bulletin 65 - Supplement C, July 2001]



# SK TELETECH FCC ID: OL6SK-500-- Cellular CDMA Head SAR

SAM Phantom; Left Hand Section; Probe:ET3DV6 - SN1560; ConvF(6.78,6.78,6.78)

Med. Parameters 835 MHz Brain:  $\sigma = 0.91$  mho/m  $\epsilon_r = 40.6$   $\rho = 1.00$  g/cm<sup>3</sup>; Antenna Position -- In; Crest Factor 1.0

**SAR (1g): 0.358 mW/g**, SAR (10g): 0.254 mW/g

SK TELETECH Cellular CDMA Only Phone Model: SK-5000

Cellular CDMA Mode, Ch.1013 [824.70MHz]; Slim Battery; Flip = open; Ambient Temp. = 22.1°C / Meas. Tissue Temp. = 22.0°C

Conducted Power = 24.0dBm; Left Head Phantom, Ear/15° Tilt position

Test Date -- 04/16/2002 [FCC/OET Bulletin 65 - Supplement C, July 2001]

