

SAR DATA SUMMARY

Mixture Type: 835MHz Muscle

14.5 N	4.5 MEASUREMENT RESULTS (CDMA Body SAR w/ Panasonic Laptop)										
FREQU	IENCY	Modulation	Beg	Begin / End POWER [‡]		Separation	Antenna	SAR			
MHz	Ch.	Modulation	(di	3m)	Battery	Distance (cm) ##	Position	(W/kg)			
824.70	1013	CDMA	23.5	23.5	Standard	Touching ***	Up	0.550			
824.70	1013	CDMA	23.5	23.5	Standard	Touching ***	Down	0.497			
836.52	0384	CDMA	23.5	23.5	Standard	Touching ***	Up	0.241			
836.52	0384	CDMA	23.5	23.5	Standard	Touching ***	Down	0.313			
848.31	0777	CDMA	23.5	23.5	Standard	Touching ***	Up	0.501			
848.31	0777	CDMA	23.5	23.5	Standard	Touching ***	Down	0.494			
		/ IEEE C95.1 19/ Spatial rolled Exposure	Peak			1.6 W	/luscle / kg (mW/g) ed over 1 gram				

NOTES:

- 1. 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].
- 2. All modes of operation were investigated, and worst-case results are reported.
- 3. Battery is fully charged for all readings. Standard Batteries are the only options.

	[‡] Power Measured	X	Conducted		ERP		EIRP
4.	SAR Measurement System	X	DASY3		IDX		
	Phantom Configuration		Left Head	X	Flat Phantom		Right Head
5.	SAR Configuration		Head	X	Body		Hand
6.	Test Signal Call Mode	X	Manu. Test Codes		Base Station Simula	tor	
7.	**Test Configuration		With Holster	X	Without Holster		
8	***In the touch position, the Panasonic lap	์ดก ก	rovided 1.8 cm. spac	ina k	etween the antenna	and	the flat phanto

- 8. ***In the touch position, the Panasonic laptop provided 1.8 cm. spacing between the antenna and the flat phantom
- 9. Tissue parameters and temperatures are listed on the SAR plots.
- 10. Both sides of the phone were tested and the worst-case side is reported.
- 11. Liquid tissue depth is 15.1 cm. \pm 0.1

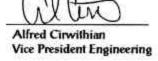




Figure 14.5 Body SAR Test Setup -- Lap Configuration --

PCTESTÔ SAR REPORT	PCTEST	FCC CERTIFICATION	AirPrime	Reviewed by: Quality Manager
SAR Filename: SAR-221125617.PNF	Test Dates: Nov. 25-27, 2002	EUT TYPE: Dual-Band CDMA PCMCIA Modem Card	FCC ID: PNF-PC3220P	Page 22 of 32



SAR DATA SUMMARY (Continued)

Mixture Type: 835MHz Muscle

14.6 N	VIEASU	REMENT R	ESULTS	(CDN	IA Body S	AR w/ Panasor	nic Lapto	p)
FREQU	IENCY	Modulation	Beg	Begin / End POWER [‡]		Separation	Antenna	SAR
MHz	Ch.	Modulation	(dE	3m)	Battery	Distance (cm) ##	Position	(W/kg)
824.70	1013	CDMA	23.5	23.5	Standard	1.5	Up	0.120
824.70	1013	CDMA	23.5	23.5	Standard	1.5	Down	0.110
836.52	0384	CDMA	23.5	23.5	Standard	1.5	Up	0.143
836.52	0384	CDMA	23.5	23.5	Standard	1.5	Down	0.094
848.31	0777	CDMA	23.5	23.5	Standard	1.5	Up	0.118
848.31	0777	CDMA	23.5	23.5	Standard	1.5	Down	0.117
		/ IEEE C95.1 199 Spatial rolled Exposure	Peak			1.6 W	/luscle /kg (mW/g) ed 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].
- 2. All modes of operation were investigated, and worst-case results are reported.
- 3. Battery is fully charged for all readings. Standard Batteries are the only options.

	[‡] Power Measured	X	Conducted		ERP		EIRP
4.	SAR Measurement System	X	DASY3		IDX		
	Phantom Configuration		Left Head	X	Flat Phantom		Right Head
5.	SAR Configuration		Head	X	Body		Hand
6.	Test Signal Call Mode	X	Manu. Test Codes		Base Station Simula	tor	
7.	^{‡‡} Test Configuration		With Holster	X	Without Holster		
0	Tissue parameters and temperatures are lis	tod o	on the SAD plate				

- 8. Tissue parameters and temperatures are listed on the SAR plots.
- 9. Both sides of the phone were tested and the worst-case side is reported.
- 10. Liquid tissue depth is 15.1 cm. \pm 0.1

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Vice President Engineering



Figure 14.6 Body SAR Test Setup -- Bystander Configuration --

PCTESTÔ SAR REPORT	PCTEST	FCC CERTIFICATION	AirPrime	Reviewed by: Quality Manager
SAR Filename: SAR-221125617.PNF	Test Dates: Nov. 25-27, 2002	EUT TYPE: Dual-Band CDMA PCMCIA Modem Card	FCC ID: PNF-PC3220P	Page 23 of 32



SAR DATA SUMMARY

Mixture Type: 835MHz Muscle

14.9 N	4.9 MEASUREMENT RESULTS (CDMA Body SAR w/ Winbook Laptop)										
FREQU	IENCY	Modulation	Beg	Begin / End POWER [‡]		Separation	Antenna	SAR			
MHz	Ch.	Modulation	(di	3m)	Battery	Distance (cm) ^{‡‡}	Position	(W/kg)			
824.70	1013	CDMA	23.5	23.5	Standard	Touching ***	Up	0.393			
824.70	1013	CDMA	23.5	23.5	Standard	Touching ***	Down	0.174			
836.52	0384	CDMA	23.5	23.5	Standard	Touching ***	Up	0.369			
836.52	0384	CDMA	23.5	23.5	Standard	Touching ***	Down	0.138			
848.31	0777	CDMA	23.5	23.5	Standard	Touching ***	Up	0.383			
848.31	0777	CDMA	23.5	23.5	Standard	Touching ***	Down	0.209			
		/ IEEE C95.1 19/ Spatial rolled Exposure	Peak			1.6 W	/luscle / kg (mW/g) ed over 1 gram				

NOTES:

- 1. 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].
- 2. All modes of operation were investigated, and worst-case results are reported.
- 3. Battery is fully charged for all readings. Standard Batteries are the only options.

	[‡] Power Measured	X	Conducted		ERP		EIRP
4.	SAR Measurement System	X	DASY3		IDX		
	Phantom Configuration		Left Head	X	Flat Phantom		Right Head
5.	SAR Configuration		Head	X	Body		Hand
6.	Test Signal Call Mode	X	Manu. Test Codes		Base Station Simula	itor	
7.	^{‡‡} Test Configuration		With Holster	X	Without Holster		
8	***In the touch position, the Winbook lapto	on nr	ovided 2.5 cm. spaci	na b	etween the antenna	and t	he flat phanto

- 8. ***In the touch position, the Winbook laptop provided 2.5 cm. spacing between the antenna and the flat phantom
- 9. Tissue parameters and temperatures are listed on the SAR plots.
- 10. Both sides of the phone were tested and the worst-case side is reported.
- 11. Liquid tissue depth is 15.1 cm. \pm 0.1

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Vice President Engineering



Figure 14.9 Body SAR Test Setup
-- Lap Configuration --

	PCTESTÔ SAR REPORT	PCTEST	FCC CERTIFICATION	AirPrime	Reviewed by: Quality Manager
Ī	SAR Filename: SAR-221125617.PNF	Test Dates: Nov. 25-27, 2002	EUT TYPE: Dual-Band CDMA PCMCIA Modem Card	FCC ID: PNF-PC3220P	Page 26 of 32



SAR DATA SUMMARY (Continued)

Mixture Type: 835MHz Muscle

14.10	MEAS	UREMENT I	RESULT	SAR w/ Winbook Laptop)				
FREQU	IENCY	Modulation	Begin / End POWER [‡]		Separation	Antenna	SAR	
MHz	Ch.	Modulation	(dE	3m)	Battery	Distance (cm) ##	Position	(W/kg)
824.70	1013	CDMA	23.5	23.5	Standard	1.5	Up	0.152
824.70	1013	CDMA	23.5	23.5	Standard	1.5	Down	0.027
836.52	0384	CDMA	23.5	23.5	Standard	1.5	Up	0.161
836.52	0384	CDMA	23.5	23.5	Standard	1.5	Down	0.027
848.31	0777	CDMA	23.5	23.5	Standard	1.5	Up	0.166
848.31	0777	CDMA	23.5	23.5	Standard	1.5	Down	0.030
	ANSI /	/ IEEE C95.1 199	-	/luscle /kg (mW/g)				
	Uncont	Spatial rolled Exposure		Populatio	on		ed 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].
- 2. All modes of operation were investigated, and worst-case results are reported.
- 3. Battery is fully charged for all readings. Standard Batteries are the only options.

	[‡] Power Measured	X	Conducted		ERP		EIRP
4.	SAR Measurement System	X	DASY3		IDX		
	Phantom Configuration		Left Head	X	Flat Phantom		Right Head
5.	SAR Configuration		Head	X	Body		Hand
6.	Test Signal Call Mode	X	Manu. Test Codes		Base Station Simula	tor	
7.	^{‡‡} Test Configuration		With Holster	X	Without Holster		
0	Tissue parameters and temperatures are lis	tod o	on the SAD plate				

- 8. Tissue parameters and temperatures are listed on the SAR plots.
- 9. Both sides of the phone were tested and the worst-case side is reported.
- 10. Liquid tissue depth is 15.1 cm. \pm 0.1

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Figure 14.10 Body SAR Test Setup -- Bystander Configuration --

PCTESTÔ SAR REPORT	PCTEST	FCC CERTIFICATION	AirPrime	Reviewed by: Quality Manager
SAR Filename: SAR-221125617.PNF	Test Dates: Nov. 25-27, 2002	EUT TYPE: Dual-Band CDMA PCMCIA Modem Card	FCC ID: PNF-PC3220P	Page 27 of 32