SAR DATA SUMMARY

Mixture Type: 835MHz Muscle

14.5 MEASUREMENT RESULTS (CDMA Body SAR w/ Panasonic Laptop)

FREQUENCY		Modulation	Begin / End POWER‡			Separation Distance (cm)‡‡	Antenna Position	SAR (W/kg)
MHz	Ch.		(dBm)		Battery			
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**
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						**Muscle 1.6 W/kg (mW/g) averaged 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	☒	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.	‡‡Test Configuration	☐	With Holster	☒	Without Holster		

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. ± 0.1

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

SAR DATA SUMMARY (Continued)

Mixture Type: 835MHz Muscle

14.6 MEASUREMENT RESULTS (CDMA Body SAR w/ Panasonic Laptop)

FREQUENCY		Modulation	Begin / End POWER‡			Separation Distance (cm)‡‡	Antenna Position	SAR (W/kg)
MHz	Ch.		(dBm)		Battery			
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**
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						**Muscle 1.6 W/kg (mW/g) averaged 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	☒	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. ‡‡Test Configuration	☐	With Holster	☒	Without Holster			

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. ± 0.1

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Vice President Engineering

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

SAR DATA SUMMARY

Mixture Type: 835MHz Muscle

14.9 MEASUREMENT RESULTS (CDMA Body SAR w/ Winbook Laptop)

FREQUENCY		Modulation	Begin / End POWER‡			Separation Distance (cm)‡‡	Antenna Position	SAR (W/kg)
MHz	Ch.		(dBm)		Battery			
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**
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						**Muscle 1.6 W/kg (mW/g) averaged 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	☒	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.	‡‡Test Configuration	☐	With Holster	☒	Without Holster		

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. ± 0.1

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

SAR DATA SUMMARY (Continued)

Mixture Type: 835MHz Muscle

14.10 MEASUREMENT RESULTS (CDMA Body SAR w/ Winbook Laptop)

FREQUENCY		Modulation	Begin / End POWER‡			Separation Distance (cm)‡‡	Antenna Position	SAR (W/kg)
MHz	Ch.		(dBm)		Battery			
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 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						**Muscle 1.6 W/kg (mW/g) averaged 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	☒	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.	‡‡Test Configuration	☐	With Holster	☒	Without Holster		

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. ± 0.1

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