

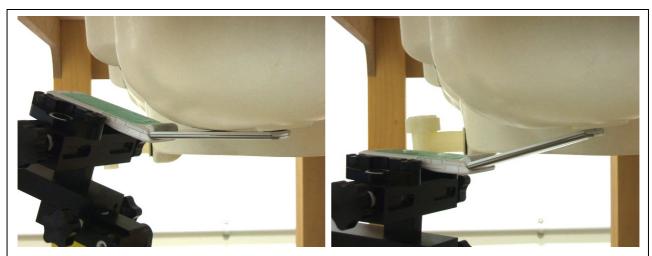
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A.3 SAR Measurement Data

A.3.1 WCDMA 850 MHz (Band-V) Band

A.3.1.1 Left Head



Cheek/Touch Position

Ear/Tilt Position

WCDMA Band-V	(Duty Cycle: 100 %, Crest	Dat	te: March	23, 2009		
	Frequency	Tx Power	Power	Limit	SAR (1g)	Tissue
Toot Docition			Dwift			Tomp

	Frequency		Tx Power	Power	Limit	SAR (1g)	Tissue
Test Position	Channel	MHz	[dBm]	Drift [dB]	[mW/g]	[mW/g]	Temp. [°C]
	4132	826.40				**	
Cheek/Touch	4182	836.40	23.77	-0.019	1.6	0.602	22.0
	4233	846.60				**	
	4132	826.40				**	
Ear/Tilt	4182	836.40	23.77	-0.009	1.6	0.176	22.0
	4233	846.60				**	

- 1. Depth of Liquid: 15.0 cm
- 2. Transmitter power was measured at the antenna-conducted terminal.
- 3. SAR is measured using a 12.2 kbps RMC.
- 4. The SAR result marked at ** is optional, because the SAR measured at the middle channel for that configuration is at least 3.0 dB lower than the SAR limit.
- 5. Please refer to attachment for the result presentation in plot format.



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A.3.1.2 Right Head





Cheek/Touch Position

Ear/Tilt Position

WCDMA Band-V	(Duty Cycle: 100 %, Crest F	Dat	te : March	23, 2009		
Total Doubling	Frequency	Tx Power	Power	Limit	SAR (1g)	Tissue
Test Position			Drift			Temp.

Test Position	Frequency		Tx Power	Power	Limit	SAR (1g)	Tissue
	Channel	MHz	[dBm]	Drift [dB]	[mW/g]	[mW/g]	Temp. [°C]
	4132	826.40	24.00	-0.013		0.970	22.0
Cheek/Touch	4182	836.40	23.77	-0.041	1.6	0.787	22.0
	4233	846.60	23.15	-0.060		0.633	22.0
	4132	826.40				**	
Ear/Tilt	4182	836.40	23.77	-0.024	1.6	0.181	22.0
	4233	846.60				**	

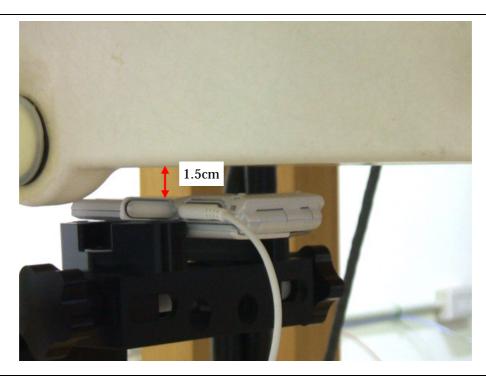
- 1. Depth of Liquid: 15.0 cm
- 2. Transmitter power was measured at the antenna-conducted terminal.
- 3. SAR is measured using a 12.2 kbps RMC.
- The SAR result marked at ** is optional, because the SAR measured at the middle channel for that configuration is at least 3.0 dB lower than the SAR limit.
- Please refer to attachment for the result presentation in plot format.



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A.3.1.3 Body-worn Back Position



WCDMA Band-V (Duty Cycle: 100 %, Crest Factor: 1)	Date: March 24, 2009
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Separation		Frequency		Tx Power	Power	Limit	SAR (1g)	Tissue
_	Distance	Channel	MHz	[dBm]	Drift [dB]	[mW/g]	[mW/g]	Temp. [°C]
		4132	826.40	24.00	-0.029		0.673	22.0
	1.5 cm	4182	836.40	23.77	-0.054	1.6	0.776	22.0
		4233	846.60	23.15	-0.007		0.611	22.0

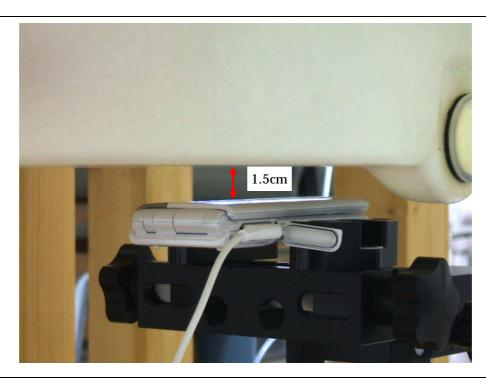
- 1. Depth of Liquid: 15.0 cm
- 2. Transmitter power was measured at the antenna-conducted terminal.
- 3. SAR is measured using a 12.2 kbps RMC.
- 4. The earphone wire connected to the EUT to simulate hand-free operation in a body-worn configuration.
- 5. Please refer to attachment for the result presentation in plot format.



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A.3.1.4 Body-worn Front Position



WCDMA Band-V (Duty Cycle: 100 %, Crest Factor: 1)	Date: March 24, 2009

Separation Distance	Frequency		Tx Power	Power	Limit	SAR (1g)	Tissue
	Channel	MHz	[dBm]	Drift [dB]	[mW/g]	[mW/g]	Temp. [°C]
	4132	826.40				**	
1.5 cm	4182	836.40	23.77	-0.057	1.6	0.184	22.0
	4233	846.60		-		**	

- 1. Depth of Liquid: 15.0 cm
- 2. Transmitter power was measured at the antenna-conducted terminal.
- 3. SAR is measured using a 12.2 kbps RMC.
- 4. The SAR result marked at ** is optional, because the SAR measured at the middle channel for that configuration is at least 3.0 dB lower than the SAR limit.
- $5. \quad \text{The earphone wire connected to the EUT to simulate hand-free operation in a body-worn configuration.} \\$
- 6. Please refer to attachment for the result presentation in plot format.

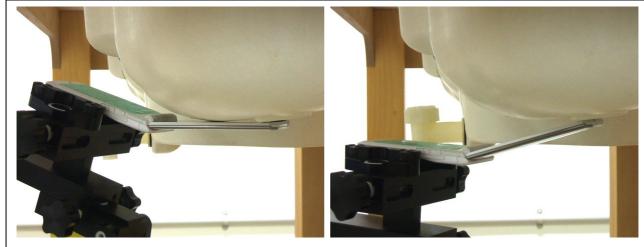


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A.3.2 PCS 1900 MHz Band

A.3.2.1 Left Head



Cheek/Touch Position

Ear/Tilt Position

GSM 1900 (Duty Cycle: 12.0 %, Crest Factor: 8.3) Date: March 26, 2009

Test Position	Frequency		Tx Power	Power	Limit	SAR (1g)	Tissue
	Channel	MHz	[dBm]	Drift [dB]	[mW/g]	[mW/g]	Temp. [°C]
Cheek/Touch	0512	1850.20	29.95	-0.059		1.06	22.0
	0661	1880.00	30.02	-0.060	1.6	1.03	22.0
	0810	1909.80	29.88	-0.018		0.913	22.0
	0512	1850.20				**	
Ear/Tilt	0661	1880.00	30.02	-0.004	1.6	0.255	22.0
	0810	1909.80				**	

- 1. Depth of Liquid: 15.0 cm
- 2. Transmitter power was measured at the antenna-conducted terminal.
- 3. The SAR result marked at ** is optional, because the SAR measured at the middle channel for that configuration is at least 3.0 dB lower than the SAR limit.
- 4. Please refer to attachment for the result presentation in plot format.

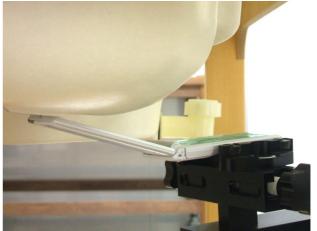


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A.3.2.2 Right Head





Cheek/Touch Position

Ear/Tilt Position

GSM 1900 (Duty Cycle: 12.0 %, Crest Factor: 8.3) Date : March 26, 2009

(=,					,,,			
Test Position	Freq Channel	uency MHz	Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	SAR (1g) [mW/g]	Tissue Temp. [°C]	
Cheek/Touch	0512	1850.20	29.95	-0.046		0.828	22.0	
	0661	1880.00	30.02	-0.058	1.6	0.804	22.0	
	0810	1909.80	29.88	-0.018		0.739	22.0	
Ear/Tilt	0512	1850.20				**		
	0661	1880.00	30.02	-0.019	1.6	0.231	22.0	
	0810	1909.80				**		

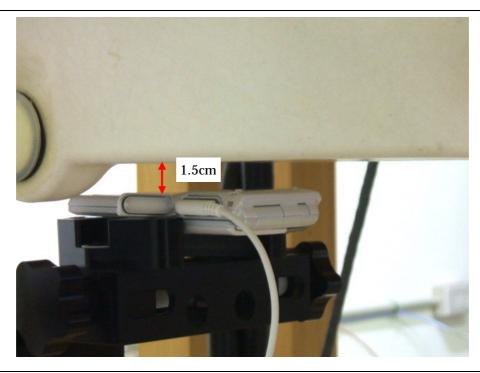
- 1. Depth of Liquid: 15.0 cm
- $2. \quad Transmitter \ power \ was \ measured \ at \ the \ antenna-conducted \ terminal.$
- 3. The SAR result marked at ** is optional, because the SAR measured at the middle channel for that configuration is at least 3.0 dB lower than the SAR limit.
- 4. Please refer to attachment for the result presentation in plot format.



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A.3.2.3 Body-worn Back Position



GSM 1900 (Duty Cycle: 12.0 %, Crest Factor: 8.3) Date: March 25, 2009								
Separation	Freq	uency	- Tx Power [dBm]	Power	Limit	SAR (1g) [mW/g]	Tissue	
Distance	Channel	MHz		Drift [dB]	[mW/g]		Temp. [°C]	
	0512	1850.20	29.95	-0.046		0.725	22.0	
1.5 cm	0661	1880.00	30.02	-0.065	1.6	0.660	22.0	
	0810	1909.80	29.88	-0.020]	0.535	22.0	
GSM 1900 GSM+	GPRS (Duty	Cycle: 12.0 %, 0	Crest Factor: 8	3.3)				
	0512	1850.20				**	-	
1.5 cm	0661	1880.00	30.02	-0.058	1.6	0.624	22.0	
	0810	1909.80				**		

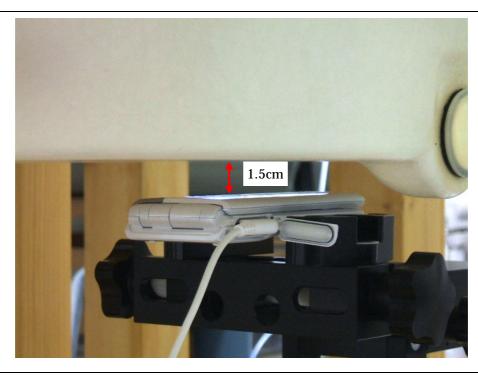
- 1. Depth of Liquid: 15.0 cm
- $2. \quad Transmitter \ power \ was \ measured \ at \ the \ antenna-conducted \ terminal.$
- 3. The SAR result marked at ** is optional, because the SAR measured at the middle channel for that configuration is at least 3.0 dB lower than the SAR limit.
- ${\bf 4.} \quad \text{The earphone wire connected to the EUT to simulate hand-free operation in a body-worn configuration.}$
- 5. Please refer to attachment for the result presentation in plot format.



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A.3.2.4 Body-worn Front Position



GSM 1900 (Duty	GSM 1900 (Duty Cycle: 12.0 %, Crest Factor: 8.3) Date: March 25, 2009								
Separation Distance	Freq	uency	- Tx Power [dBm]	Power	Limit	SAR (1g) [mW/g]	Tissue		
	Channel	MHz		Drift [dB]	[mW/g]		Temp. [°C]		
	0512	1850.20				**			
1.5 cm	0661	1880.00	30.02	-0.026	1.6	0.135	22.0		
	0810	1909.80				**			
GSM 1900 GSM+	GPRS (Duty	Cycle: 12.0 %, 0	Crest Factor: 8	3.3)					
	0512	1850.20				**			
1.5 cm	0661	1880.00	30.02	-0.057	1.6	0.129	22.0		
	0810	1909.80				**			

- 1. Depth of Liquid: 15.0 cm
- $2. \quad Transmitter \ power \ was \ measured \ at \ the \ antenna-conducted \ terminal.$
- 3. The SAR result marked at ** is optional, because the SAR measured at the middle channel for that configuration is at least 3.0 dB lower than the SAR limit.
- 4. The earphone wire connected to the EUT to simulate hand-free operation in a body-worn configuration.
- 5. Please refer to attachment for the result presentation in plot format.