

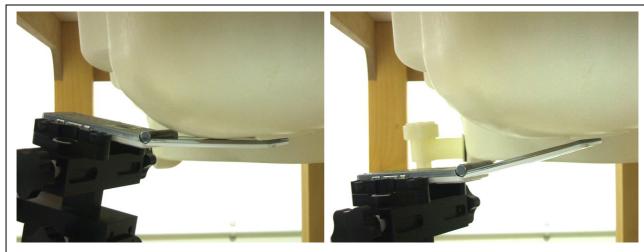
JQA File No. : KL80080400 Issue Date : November 12, 2008 Model No. : SH1810C FCC ID : APYHRO00083

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### A.3 SAR Measurement Data

### A.3.1 Left Head



**Cheek/Touch Position** 

Ear/Tilt Position

GSM 1900 (Duty Cycle: 12.0 %, Crest Factor: 8.3) Date: October 28, 2008

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			1.6	**	
	0661	1880.00	28.84	-0.041		0.471	22.0
	0810	1909.80				**	
Ear/Tilt	0512	1850.20			1.6	**	
	0661	1880.00	28.84	-0.037		0.219	22.0
	0810	1909.80				**	

### NOTES:

- 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.

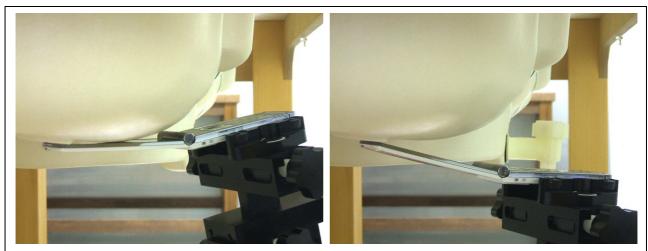


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# A.3.2 Right Head



Cheek/Touch Position

Ear/Tilt Position

GSM 1900 (Duty Cycle: 12.0 %, Crest Factor: 8.3) Date : October 28, 2008

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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	28.69	-0.019	1.6	0.613	22.0
	0661	1880.00	28.84	-0.050		0.629	22.0
	0810	1909.80	28.74	-0.042		0.595	22.0
Ear/Tilt	0512	1850.20			1.6	**	
	0661	1880.00	28.84	-0.075		0.197	22.0
	0810	1909.80				**	

### NOTES:

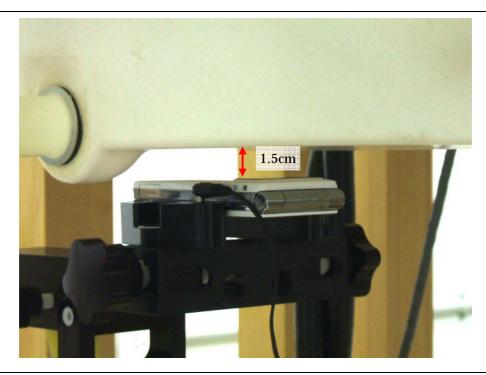
- 1. Depth of Liquid: 15.0 cm
- $2. \quad Transmitter \ power \ was \ measured \ at \ the \ antenna-conducted \ terminal.$
- 3. The SAR result marked at \*\* is optional, because the SAR measured at the middle channel for that configuration is at least 3.0 dB lower than the SAR limit.
- 4. Please refer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



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## A.3.3 Body-worn Position



GSM 1900 (Duty Cycle: 12.0 %, Crest Factor: 8.3)  Date: October 27, 200						27, 2008	
Separation Distance	Frequency		Tx Power	Power	Limit	SAR (1g)	Tissue
	Channel	MHz	[dBm]	Drift [dB]	[mW/g]	[mW/g]	Temp. [°C]
1.5 cm	0512	1850.20			1.6	**	
	0661	1880.00	28.84	-0.059		0.239	22.0
	0810	1909.80				**	
GSM 1900 GSM+GPRS (Duty Cycle: 24.0 %, Crest Factor: 4.15)							
1.5 cm	0512	1850.20	28.62	-0.018	1.6	0.479	22.0
	0661	1880.00	28.76	-0.040		0.477	22.0
	0810	1909.80	28.66	-0.070		0.452	22.0
GSM 1900 GSM+EGPRS (Duty Cycle: 24.0 %, Crest Factor: 4.15)							
1.5 cm	0512	1850.20			1.6	**	
	0661	1880.00	24.46	-0.025		0.167	22.0
	0810	1909.80				**	

#### NOTES:

- 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. 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.