

JQA File No. : KL80080245 Issue Date: August 22, 2008 Model No. :830SH FCC ID : APYHRO00073

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A.3 SAR Measurement Data

A.3.1 Left Head





Cheek/Touch Position

Ear/Tilt Position

GSM 1900 (Duty Cycle: 12.5 %, Crest Factor: 8)

Date: August 7, 2008 Power Tissue Frequency Tx Power Limit SAR (1g) **Test Position** Drift Temp. [dBm] [mW/g][mW/g] Channel MHz [dB] [°C] ** 0512 1850.20 Cheek/Touch 1880.00 1.6 22.0 0661 28.91 -0.092 0.655 0810 1909.80 --** 0512 1850.20 ------Ear/Tilt 0661 1880.00 28.91 -0.051 1.6 0.223 22.0 0810 1909.80 **

NOTES:

- 1. Depth of Liquid: 15.0 cm
- Transmitter power was measured at the antenna-conducted terminal.
- 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.



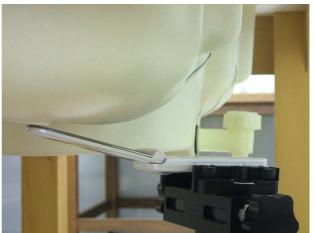
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A.3.2 Right Head





Cheek/Touch Position

Ear/Tilt Position

GSM 1900 (Duty Cycle: 12.5 %, Crest Factor: 8) Date: August 7, 200							
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	28.78	-0.006	1.6	0.717	22.0
	0661	1880.00	28.91	-0.099		0.735	22.0
	0810	1909.80	28.76	-0.025		0.753	22.0
Ear/Tilt	0512	1850.20			1.6	**	
	0661	1880.00	28.91	-0.023		0.263	22.0
	0810	1909.80				**	

NOTES:

- 1. Depth of Liquid: 15.0 cm
- Transmitter power was measured at the antenna-conducted terminal.
- 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.

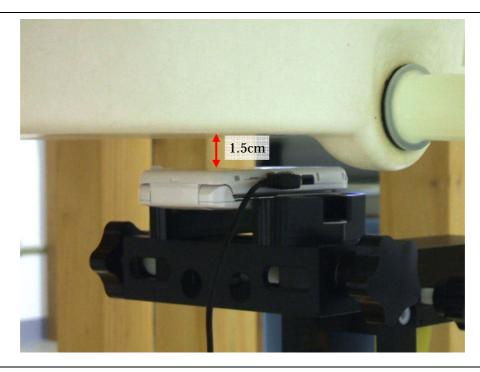


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A.3.3 Body-worn Position



GSM 1900 (Duty Cycle: 12.5 %, Crest Factor: 8)	Date : August 8, 2008
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Separation Distance	Freq Channel	uency MHz	Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	SAR (1g) [mW/g]	Tissue Temp. [°C]	
1.5 cm	0512	1850.20			1.6	**		
	0661	1880.00	28.91	-0.020		0.307	22.0	
	0810	1909.80		-		**	-	
GSM 1900 GSM+GPRS (Duty Cycle: 25.0 %, Crest Factor: 4)								
1.5 cm	0512	1850.20	28.69	-0.011	1.6	0.556	22.0	
	0661	1880.00	28.82	-0.068		0.573	22.0	
	0810	1909.80	28.66	-0.026		0.578	22.0	

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. 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.