

JQA File No. : KL80100204 Issue Date : September 30, 2010 Model No. : SH-01C FCC ID : APYHRO00129

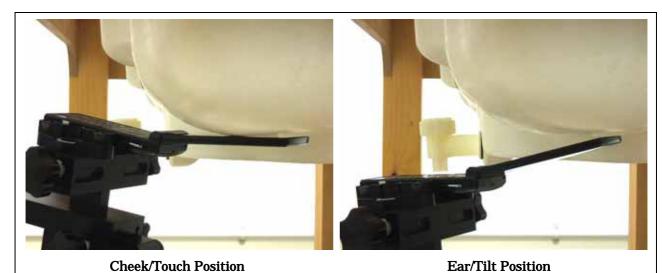
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A.3 SAR Measurement Data

A.3.1 WCDMA Band V

A.3.1.1 Left Head



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	WCDMA Band V	(Duty Cycle:	100 %, Crest F	actor: 1)		Date :	September	16, 2010
		Frequency		Tx Power	Power	Limit	SAR (1g)	Tissue
	Test Position	Channel	MHz	[dBm]	Drift [dB]	[mW/g]	[mW/g]	Temp. [°C]
		4132	826.40	22.81	-0.042		0.253	22.0
	Cheek/Touch	4182	836.40	22.98	-0.002	1.6	0.296	22.0
		4233	846.60	23.07	-0.041		0.298	22.0
	Ear/Tilt	4182	836.40	22.98	-0.002	1.6	0.143	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. 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	actor: 1)		Date: September 16, 2010		
	Frequency		Tx Power	Power	Limit	SAR (1g)	Tissue
Test Position	Channel	MHz	[dBm]	Drift [dB]	[mW/g]	[mW/g]	Temp. [°C]
Cheek/Touch	4182	836.40	22.98	-0.022	1.6	0.292	22.0
Ear/Tilt	4182	836.40	22.98	-0.032	1.6	0.136	22.0

- 1. Depth of Liquid: 15.0 cm
- $2. \quad Transmitter \ power \ was \ measured \ at \ the \ antenna-conducted \ terminal.$
- 3. SAR is measured using a 12.2 kbps RMC.
- 4. Please refer to attachment for the result presentation in plot format.

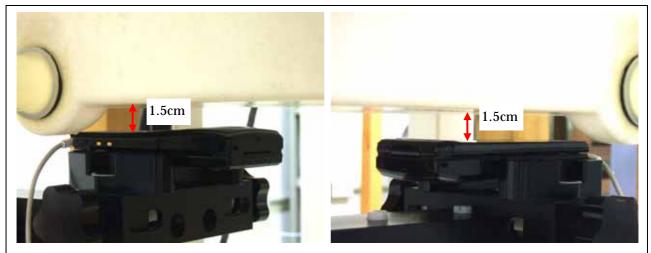


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A.3.1.3 Body-worn Position - close style



Rear Position Front Position

WCDMA Band V	DMA Band V (Duty Cycle: 100 %, Crest Factor: 1)						Date: September 17, 2010		
	Frequency		Tx Power	Power	Limit	SAR (1g)	Tissue		
Test Position	Channel	MHz	[dBm]	Drift [dB]	[mW/g]	[mW/g]	Temp. [°C]		
Rear	4182	836.40	22.98	-0.012	1.6	0.386	22.0		
Front	4182	836.40	22.98	-0.039	1.6	0.162	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 Position – viewer style



Rear Position Front Position

WCDMA Band V (Duty Cycle: 100 %, Crest Factor: 1) Date: September 17, 2010

			,			1	
Test Position	Freq Channel	uency MHz	Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	SAR (1g) [mW/g]	Tissue Temp. [°C]
				լաս			[0]
	4132	826.40	22.81	-0.025		0.321	22.0
Rear	4182	836.40	22.98	-0.047	1.6	0.394	22.0
	4233	846.60	23.07	-0.014		0.503	22.0
Front	4182	836.40	22.98	-0.047	1.6	0.179	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.
- $4. \quad \text{The earphone wire connected to the EUT to simulate hand-free operation in a body-worn configuration.} \\$
- 5. Please refer to attachment for the result presentation in plot format.



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A.3.2 PCS 1900

A.3.2.1 Left Head



Cheek/Touch Position

Ear/Tilt Position

GSM 1900 (Duty Cycle: 12.0 %, Crest Factor: 8.3)	Date: September 18, 2010
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	- 5	,	,		= : F		
Test Position	Freq Channel	uency MHz	Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	SAR (1g) [mW/g]	Tissue Temp. [°C]
Cheek/Touch	661	1880.00	29.32	-0.003	1.6	0.122	22.0
Ear/Tilt	661	1880.00	29.32	-0.073	1.6	0.061	22.0

- 1. Depth of Liquid: 15.0 cm
- $2. \quad Transmitter\ power\ was\ measured\ at\ the\ antenna-conducted\ terminal.$
- 3. 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 : September 18, 2010

	Frequency		Tx Power	Power	Limit	SAR (1g)	Tissue
Test Position	Channel	MHz	[dBm]	Drift [dB]	[mW/g]	[mW/g]	Temp. [°C]
	512	1850.20	29.25	-0.018		0.166	22.0
Cheek/Touch	661	1880.00	29.32	-0.035	1.6	0.189	22.0
	810	1909.80	29.30	-0.021		0.195	22.0
Ear/Tilt	661	1880.00	29.32	-0.075	1.6	0.070	22.0

- 1. Depth of Liquid: 15.0 cm
- 2. Transmitter power was measured at the antenna-conducted terminal.
- 3. Please refer to attachment for the result presentation in plot format.

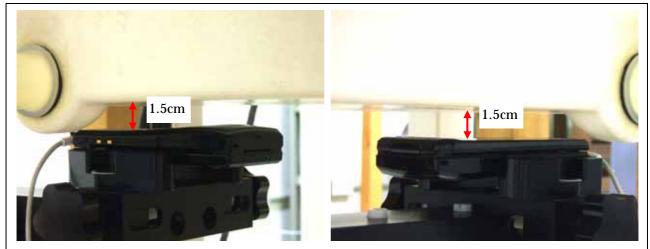


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A.3.2.3 Body-worn Position - close style



Rear Position Front Position

GSM 1900 (Duty Cycle: 12.0 %, Crest Factor: 8.3) Date : September 19, 2010

	Frequency		Tx Power	Power	Limit	SAR (1g)	Tissue
Test Position	Channel	MHz	[dBm]	Drift [dB]	[mW/g]	[mW/g]	Temp. [°C]
	512	1850.20	29.25	-0.004		0.358	22.0
Rear	661	1880.00	29.32	-0.039	1.6	0.348	22.0
	810	1909.80	29.30	-0.046		0.351	22.0
Front	661	1880.00	29.32	-0.059	1.6	0.103	22.0
GSM 1900 GPRS	Class 8 (Duty	Cycle: 12.0 %,	Crest Factor:	8.3)			
Rear	661	1880.00	29.32	-0.010	1.6	0.331	22.0

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



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A.3.2.4 Body-worn Position - viewer style



Rear Position Front Position

GSM 1900 (Duty Cycle: 12.0 %, Crest Factor: 8.3) Date : September 19, 2010

. 3		3		-				
		Frequency		Tx Power	Power	Limit	SAR (1g)	Tissue
	Test Position	Channel	MHz	[dBm]	Drift [dB]	[mW/g]	[mW/g]	Temp. [°C]
	Rear	661	1880.00	29.32	-0.013	1.6	0.305	22.0
	Front	661	1880.00	29.32	-0.060	1.6	0.136	22.0

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



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A.3.3 WLAN

A.3.3.1 Left Head



Cheek/Touch Position

Ear/Tilt Position

802.11b (1 Mbps)	- Duty Cycle	: 100 %			Date :	September	23, 2010
	Frequency		Tx Power	Power	Limit	SAR (1g)	Tissue
Test Position	Channel	MHz	[dBm]	Drift [dB]	[mW/g]	[mW/g]	Temp. [°C]
Cheek/Touch	6	2437	15.85	-0.034	1.6	0.026	22.0

Ear/Tilt 6 2437 15.85 -0.067 1.6 0.014 22.0

- 1. Depth of Liquid: 15.0 cm
- 2. Transmitter power was measured at the antenna-conducted terminal.
- 3. Please refer to attachment for the result presentation in plot format.



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A.3.3.2 Right Head





Cheek/Touch Position

Ear/Tilt Position

802.11b (1 Mbps) - Duty Cycle: 100 %

Date: September 23, 2010 Power Tissue Frequency SAR (1g) Tx Power Limit **Test Position** Drift Temp. [dBm] [mW/g][mW/g] Channel MHz [dB] [°C] Cheek/Touch 6 2437 15.85 -0.050 1.6 0.037 22.0 Ear/Tilt 6 2437 15.85 -0.058 1.6 0.01222.0

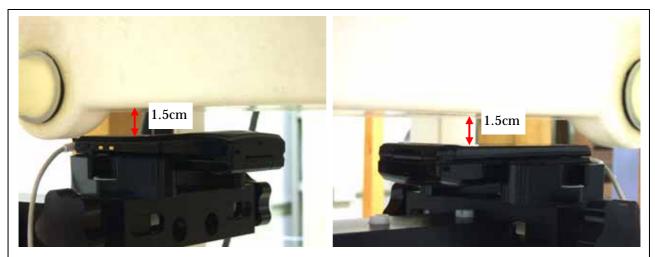
- Depth of Liquid: 15.0 cm 1.
- Transmitter power was measured at the antenna-conducted terminal.
- Please refer to attachment for the result presentation in plot format.



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A.3.3.3 Body-worn Position - close style



Rear Position Front Position

802.11b (1 Mbps) – Duty Cycle: 100 % Date : September 21, 2010

1 1 3 3							
	Frequency		Tx Power	Power	Limit	SAR (1g)	Tissue
Test Position	Channel	MHz	[dBm]	Drift [dB]	[mW/g]	[mW/g]	Temp. [°C]
Rear	6	2437	15.85	-0.001	1.6	0.073	22.0
Front	6	2437	15.85	-0.021	1.6	0.021	22.0

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



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A.3.3.4 Body-worn Position - viewer style



Rear Position Front Position

802.11b (1 Mbps) – Duty Cycle: 100 % Date : September 21, 2010

1 0 0		^					
	Frequency		Tx Power	Power	Limit	SAR (1g)	Tissue
Test Position	Channel	MHz	[dBm]	Drift [dB]	[mW/g]	[mW/g]	Temp. [°C]
Rear	6	2437	15.85	-0.001	1.6	0.097	22.0
Front	6	2437	15.85	-0.033	1.6	0.056	22.0

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