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A.3 SAR Measurement Data

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

A.3.1.1 Left Head – slide out (keypad open)



Cheek/Touch Position

Ear/Tilt Position

WCDMA Band-V	(Duty Cycle:	100 %, Crest F	actor: 1)		Date	: February	17, 2009
	Freq	uency	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	23.23	0.018	1.6	0.088	22.0
	4233	846.60				**	
	4132	826.40				**	
Ear/Tilt	4182	836.40	23.23	-0.033	1.6	0.042	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.

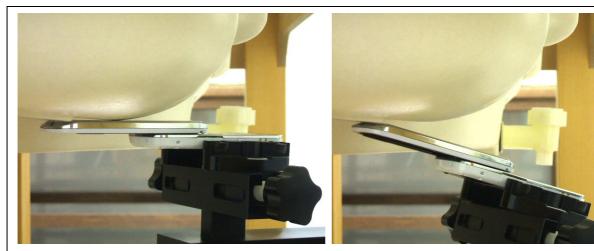


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A.3.1.2 Right Head – slide out (keypad open)



Cheek/Touch Position

Ear/Tilt Position

WCDMA Band-V	(Duty Cycle:	100 %, Crest F	actor: 1)		Date	: February	17, 2009
	Freq	uency	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	23.23	0.033	1.6	0.080	22.0
	4233	846.60				**	
	4132	826.40				**	
Ear/Tilt	4182	836.40	23.23	0.013	1.6	0.041	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.3.1.3 Left Head - slide in (keypad close)



Cheek/Touch Position

Ear/Tilt Position

WCDMA Band-V	(Duty Cycle:	100 %, Crest F	actor: 1)		Date	: February	17, 2009
	Freq	uency	Tx Power	Power	Limit	SAR (1g)	Tissue
Test Position	Test Position Channel MHz [dBm]	Drift [dB]	[mW/g]	[mW/g]	Temp. [°C]		
	4132	826.40	23.19	-0.004		0.266	22.0
Cheek/Touch	4182	836.40	23.23	-0.070	1.6	0.221	22.0
	4233	846.60	23.19	-0.072		0.221 0.187	22.0
	4132	826.40				**	
Ear/Tilt	4182	836.40	23.23	0.003	1.6	0.207	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.3.1.4 Right Head - slide in (keypad close)



Cheek/Touch Position

Ear/Tilt Position

WCDMA Band-V (Duty Cycle: 100 %, Crest Factor: 1)						Date: February 17, 2009				
	Freq	uency	Tx Power	Power	Limit	SAR (1g)	Tissue			
Test Position	est Position Channel MHz [dBm]	Drift [dB]	[mW/g]	[mW/g]	Temp. [°C]					
	4132	826.40				**				
Cheek/Touch	4182	836.40	23.23	-0.014	1.6	0.220	22.0			
	4233	846.60				**				
	4132	826.40				**				
Ear/Tilt	4182	836.40	23.23	0.011	1.6	0.205	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.

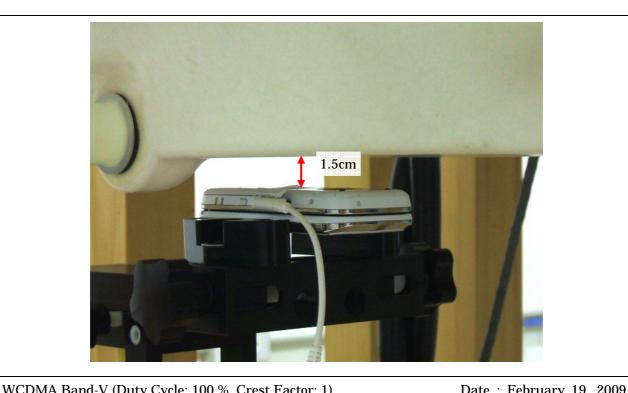


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A.3.1.5 Body-worn Back Position



Weblin Balla V (Buty Cycle. 100 %, Clest Pactor. 1) Bate: Pebluary 13, 20							13, 2003
Separation	Frequency		Tx Power	Power	Limit	SAR (1g)	Tissue
Distance	Channel	MHz	[dBm]	Drift [dB]	[mW/g]	[mW/g]	Temp. [°C]
	4132	826.40	23.19	-0.022		0.506	22.0

1.5 cm 4132 826.40 23.19 -0.022 0.506 22.0 4182 836.40 23.23 -0.032 1.6 0.527 22.0 4233 846.60 23.19 -0.014 0.515 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.

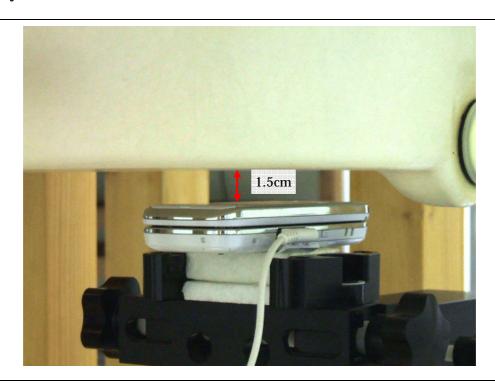


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A.3.1.6 Body-worn Front Position



WCDMA Band-V	(Duty Cycle:	100 %, Crest F	actor: 1)		Date	: February	19, 2009
Separation	Frequency		Tx Power	Power	Limit	SAR (1g)	Tissue
Distance	Channel	MHz	[dBm]	Drift [dB]	[mW/g]	SAR (1g) [mW/g] **	Temp. [°C]
	4132	826.40				**	
1.5 cm	4182	836.40	23.23	0.031	1.6	0.060	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. 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.



Model No. : F-09A FCC ID : VQK-F09A

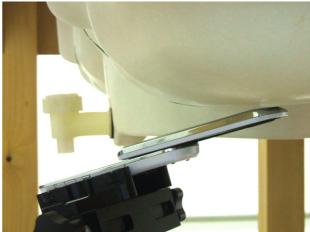
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A.3.2 PCS 1900 MHz Band

A.3.2.1 Left Head – slide out (keypad open)





Cheek/Touch Position

Ear/Tilt Position

GSM 1900 (Duty Cycle: 12.0 %, Crest Factor: 8.3)

Date: February 18, 2009 Tissue Power Frequency Tx Power Limit **SAR (1g) Test Position** Drift Temp. [dBm] [mW/g][mW/g] Channel MHz [dB] [°C] 0512 1850.20 29.85 -0.0510.033 22.0 Cheek/Touch 1880.00 -0.004 1.6 22.0 0661 29.88 0.053 0810 -0.002 1909.80 29.81 0.090 22.0 ** ----0512 1850.20 --Ear/Tilt 0661 1880.00 29.88 0.008 1.6 0.020 22.0 0810 1909.80 **

- 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.

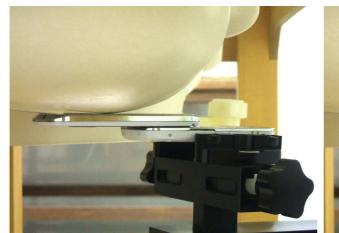


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A.3.2.2 Right Head – slide out (keypad open)





Cheek/Touch Position

Ear/Tilt Position

GSM 1900 (Duty Cycle: 12.0 %, Crest Factor: 8.3) Date : February 18, 2009

Test Position	Frequency		Tx Power	Power	Limit	SAR (1g)	Tissue
	Channel	MHz	[dBm]	Drift [dB]	[mW/g]	[mW/g]	Temp. [°C]
	0512	1850.20				1.6 0.036	
Cheek/Touch	0661	1880.00	29.88	-0.072	1.6	0.036	22.0
	0810	1909.80			1	**	
Ear/Tilt	0512	1850.20				**	
	0661	1880.00	29.88	0.008	1.6	0.033	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.3.2.3 Left Head - slide in (keypad close)



Cheek/Touch Position

0661

0810

Ear/Tilt Position

1.6

0.042

22.0

GSM 1900 (Duty	8.3)		Date: February 18, 2009				
	Frequency		Tx Power	Power	Limit	SAR (1g)	Tissue
Test Position	Channel	MHz	[dBm]	Drift [dB]	[mW/g]	[mW/g]	Temp. [°C]
	0512	1850.20				**	
Cheek/Touch	0661	1880.00	29.88	-0.081	1.6	0.033	22.0
	0810	1909.80			1	**	
	0512	1850.20				**	
	· · · · · · · · · · · · · · · · · · ·				1	1	1

29.88

0.006

NOTES:

Ear/Tilt

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

1880.00

1909.80

- 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.3.2.4 Right Head - slide in (keypad close)



Cheek/Touch Position

0810

Ear/Tilt Position

**

GSM 1900 (Duty	GSM 1900 (Duty Cycle: 12.0 %, Crest Factor: 8.3) Date: February 18, 2009						
Test Position	Frequency		Tx Power	Power	Limit	SAR (1g)	Tissue
	Channel	MHz	[dBm]	Drift [dB]	[mW/g]	[mW/g]	Temp. [°C]
	0512	1850.20				**	
Cheek/Touch	0661	1880.00	29.88	-0.038	1.6	0.029	22.0
	0810	1909.80				**	
	0512	1850.20				**	
Ear/Tilt	0661	1880.00	29.88	0.020	1.6	0.041	22.0

NOTES:

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

1909.80

- 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.

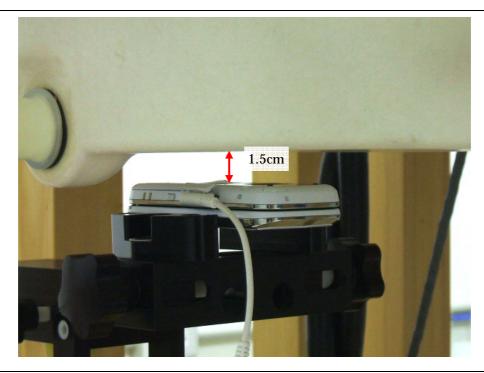


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A.3.2.5 Body-worn Back Position



GSM 1900 (Duty Cycle: 12.0 %, Crest Factor: 8.3) Date: February 19, 2009							
Separation	Frequency		Tx Power	Power	Limit	SAR (1g)	Tissue
Distance	Channel	MHz	[dBm]	Drift [dB]	[mW/g]	[mW/g]	Temp. [°C]
	0512	1850.20	29.85	-0.023		0.090	22.0
1.5 cm	0661	1880.00	29.88	-0.017	1.6	0.129	22.0
	0810	1909.80	29.81	-0.047]	0.183	22.0
GSM 1900 GSM+	GPRS (Duty	Cycle: 12.0 %, 0	Crest Factor: 8	3.3)			
1.5 cm	0512	1850.20				**	
	0661	1880.00	29.88	-0.049	1.6	0.124	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.

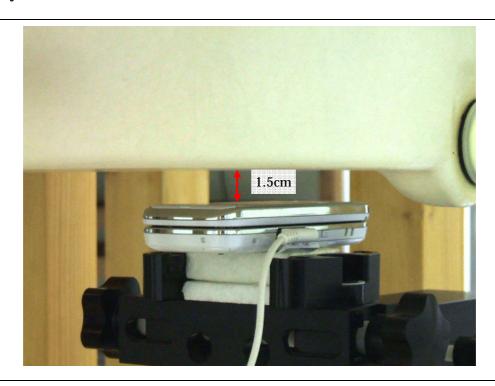


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A.3.2.6 Body-worn Front Position



GSM 1900 (Duty Cycle: 12.0 %, Crest Factor: 8.3) Date: February 19, 2009							19, 2009
Separation	Frequency		Tx Power	Power	Limit	SAR (1g)	Tissue
Distance	Channel	MHz	[dBm]	Drift [dB]	[mW/g]	[mW/g]	Temp. [°C]
	0512	1850.20				**	
1.5 cm	0661	1880.00	29.88	-0.032	1.6	0.013	22.0
	0810	1909.80				**	
GSM 1900 GSM+	-GPRS (Duty	Cycle: 12.0 %, (Crest Factor: 8	3.3)			
1.5 cm	0512	1850.20				**	
	0661	1880.00	29.88	-0.098	1.6	0.012	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.