

Model No. : F-03A FCC ID : VQK-F-03A

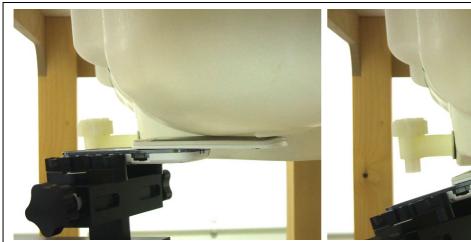
Standard : FCC/OET Bulletin 65 Supplement C (Edition 01-01)

Page 20 of 31

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	: October	30, 2008
п	1					1

Test Position	Freq Channel	uency MHz	Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	SAR (1g) [mW/g]	Tissue Temp. [°C]
	4132	826.40				**	
Cheek/Touch	4182	836.40	23.54	-0.047	1.6	0.298	22.0
	4233	846.60				**	
	4132	826.40				**	
Ear/Tilt	4182	836.40	23.54	-0.046	1.6	0.155	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.



 $\label{eq:model_No.} \mbox{Model No.} \qquad : \mbox{F-03A} \qquad \qquad \mbox{FCC ID} \qquad : \mbox{VQK-F-03A}$

Standard : FCC/OET Bulletin 65 Supplement C (Edition 01-01)

Page 21 of 31

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





Cheek/Touch Position

Ear/Tilt Position

WCDMA Band-V (Duty Cycle: 100 %, Crest Factor: 1) Date: October 30, 2008

	`						,
Test Position	Freq Channel	uency MHz	Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	SAR (1g) [mW/g]	Tissue Temp. [°C]
	4132	826.40				**	
Cheek/Touch	4182	836.40	23.54	-0.020	1.6	0.285	22.0
	4233	846.60]	**	
	4132	826.40				**	
Ear/Tilt	4182	836.40	23.54	-0.033	1.6	0.149	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.

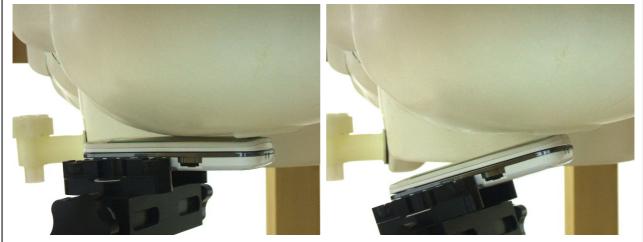


Model No. : F-03A FCC ID : VQK-F-03A

Standard : FCC/OET Bulletin 65 Supplement C (Edition 01-01)

Page 22 of 31

A.3.1.3 Left Head - slide in (keypad close)



Cheek/Touch Position

Ear/Tilt Position

WCDMA Band-V	WCDMA Band-V (Duty Cycle: 100 %, Crest Factor: 1) Date: October 30, 2008									
	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	23.55	0.020		0.532	22.0			
Cheek/Touch	4182	836.40	23.54	0.003	1.6	0.558	22.0			
	4233	846.60	23.42	-0.075		0.637	22.0			
	4132	826.40				**				
Ear/Tilt	4182	836.40	23.54	-0.045	1.6	0.394	22.0			

NOTES:

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

846.60

3. SAR is measured using a 12.2 kbps RMC.

4233

- 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.



Model No. : F-03A FCC ID : VQK-F-03A

Standard : FCC/OET Bulletin 65 Supplement C (Edition 01-01)

Page 23 of 31

A.3.1.4 Right Head - slide in (keypad close)



Cheek/Touch Position

Ear/Tilt Position

WCDMA Band-V	(Duty Cycle:	Date: October 30, 2008					
	Freq	Frequency		Power	Limit	SAR (1g)	Tissue
Test Position	Channel	MHz	Tx Power [dBm]	Drift [dB]	[mW/g]	[mW/g]	Temp. [°C]
	4132	826.40				**	
Cheek/Touch	4182	836.40	23.54	-0.059	1.6	0.528	22.0
	4233	846.60				**	-
	4132	826.40				**	1
Ear/Tilt	4182	836.40	23.54	-0.042	1.6	0.374	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.



Model No. : F-03A FCC ID : VQK-F-03A

Standard : FCC/OET Bulletin 65 Supplement C (Edition 01-01)

Page 24 of 31

A.3.1.5 Body-worn Position



WCDMA Band-V (Duty Cycle: 100 %, Crest Factor: 1) Date: October 31, 2008

Separation	Frequency		Tx Power	Power	Limit	SAR (1g)	Tissue
Distance	Channel	MHz	[dBm]	Drift [dB]	[mW/g]	[mW/g]	Temp. [°C]
	4132	826.40	23.55	-0.016	1.6	0.645	22.0
1.5 cm	4182	836.40	23.54	-0.004		0.687	22.0
	4233	846.60	23.42	-0.022		0.724	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.



 $\label{eq:model_No.} \mbox{Model No.} \qquad : \mbox{F-03A} \qquad \qquad \mbox{FCC ID} \qquad : \mbox{VQK-F-03A}$

Standard : FCC/OET Bulletin 65 Supplement C (Edition 01-01)

Page 25 of 31

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: October 29, 2008

	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	28.76	-0.070	1.6	0.086	22.0
	0810	1909.80				**	
	0512	1850.20				**	
Ear/Tilt	0661	1880.00	28.76	-0.051	1.6	0.077	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.



Model No. : F-03A FCC ID : VQK-F-03A

: FCC/OET Bulletin 65 Supplement C (Edition 01-01) Standard

Page 26 of 31

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





Cheek/Touch Position

Ear/Tilt Position

GSM 1900 (Duty	: October	29, 2008					
	Freq	uency	Tx Power [dBm]	Power	Limit	SAR (1g)	Tissue
Test Position	Channel	MHz		Drift [dB]	[mW/g]	[mW/g]	Temp. [°C]
	0512	1850.20				**	
Cheek/Touch	0661	1880.00	28.76	-0.046	1.6	0.075	22.0
	0810	1909.80			1	**	
	0512	1850.20				**	
Ear/Tilt	0661	1880.00	28.76	-0.086	1.6	0.090	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.

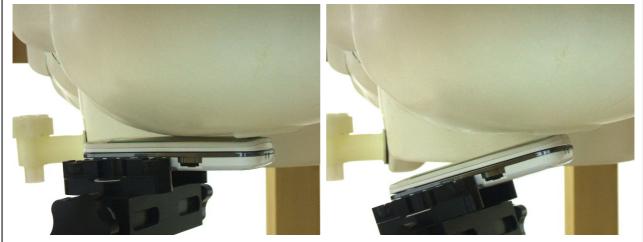


Model No. : F-03A FCC ID : VQK-F-03A

Standard : FCC/OET Bulletin 65 Supplement C (Edition 01-01)

Page 27 of 31

A.3.2.3 Left Head - slide in (keypad close)



Cheek/Touch Position

Ear/Tilt Position

GSM 1900 (Duty Cycle: 12.0 %, Crest Factor: 8.3) Date: October 29, 2008

	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	28.76	-0.034	1.6	0.331	22.0
	0810	1909.80				**	
	0512	1850.20				**	
Ear/Tilt	0661	1880.00	28.76	-0.001	1.6	0.390	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.



Model No. : F-03A FCC ID : VQK-F-03A

Standard : FCC/OET Bulletin 65 Supplement C (Edition 01-01)

Page 28 of 31

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



Cheek/Touch Position

Ear/Tilt Position

GSM 1900 (Duty Cycle: 12.0 %, Crest Factor: 8.3) Date: October 29, 2008

3 3							
Test Position	Freq Channel	uency MHz	Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	SAR (1g) [mW/g]	Tissue Temp. [°C]
	0512	1850.20				**	
Cheek/Touch	0661	1880.00	28.76	-0.019	1.6	0.362	22.0
	0810	1909.80				**	
	0512	1850.20	29.05	-0.011		0.498	22.0
Ear/Tilt	0661	1880.00	28.76	-0.009	1.6	0.402	22.0
	0810	1909.80	28.53	-0.005		0.317	22.0

- 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.



 $\label{eq:model_No.} \mbox{Model No.} \qquad : \mbox{F-03A} \qquad \qquad \mbox{FCC ID} \qquad : \mbox{VQK-F-03A}$

Standard : FCC/OET Bulletin 65 Supplement C (Edition 01-01)

Page 29 of 31

A.3.2.5 Body-worn Position



Separation	Freq	Frequency	Tx Power	Power	Limit	SAR (1g)	Tissue
Distance	Channel	MHz	[dBm]	Drift [dB]	[mW/g]	[mW/g]	Temp. [°C]
	0512	1850.20	29.05	-0.015	0.014 1.6 0.288	0.415	22.0
1.5 cm	0661	1880.00	28.76	-0.014		0.288	22.0
	0810	1909.80	28.53	-0.023		0.214	22.0
GSM 1900 GSM+	-GPRS (Duty	Cycle: 12.0 %, (Crest Factor: 8	3.3)			
	0512	1850.20				**	-
1.5 cm	0661	1880.00	28.76	-0.014	1.6	0.279	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.