

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

Page 22 of 32

A.3 SAR Measurement Data

A.3.1 PCS 1900 MHz

A.3.1.1 Left Head



Cheek/Touch Position

Ear/Tilt Position

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

Date: September 4, 2009

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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]
	0512	1850.20				**	
Cheek/Touch	0661	1880.00	28.40	-0.081	1.6	0.146	22.0
	0810	1909.80				**	
	0512	1850.20				**	
Ear/Tilt	0661	1880.00	28.40	-0.026	1.6	0.152	22.0
	0810	1909.80				**	

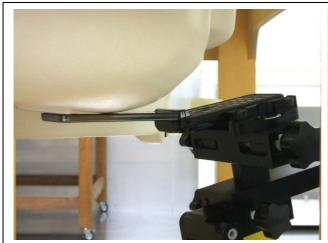
- 1. Depth of Liquid: 15.0 cm
- 2. Transmitter power was measured at the antenna-conducted terminal.
- 3. The SAR result marked at ** is optional, because the SAR measured at the middle channel for that configuration is at least 3.0 dB lower than the SAR limit.
- 4. Please refer to attachment for the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



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

Page 23 of 32

A.3.1.2 Right Head





Cheek/Touch Position

Ear/Tilt Position

GSM 1900 (Duty Cycle: 12.0 %, Crest Factor: 8.3) Date : September 4, 2009

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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]
	0512	1850.20	28.58	-0.005	1.6	0.286	22.0
Cheek/Touch	0661	1880.00	28.40	-0.061		0.297	22.0
	0810	1909.80	28.48	-0.011		0.305	22.0
	0512	1850.20				**	
Ear/Tilt	0661	1880.00	28.40	-0.044	1.6	0.138	22.0
	0810	1909.80				**	

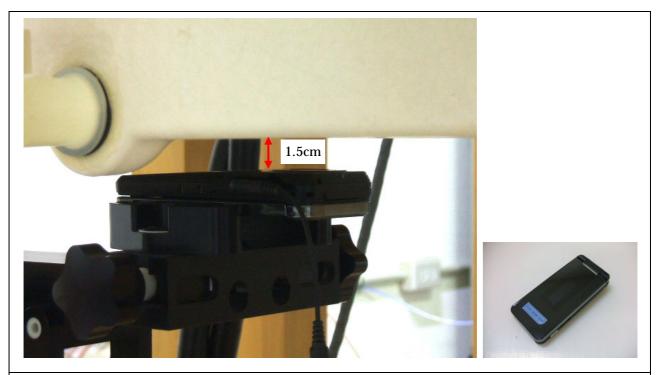
- 1. Depth of Liquid: 15.0 cm
- 2. Transmitter power was measured at the antenna-conducted terminal.
- 3. The SAR result marked at ** is optional, because the SAR measured at the middle channel for that configuration is at least 3.0 dB lower than the SAR limit.
- 4. Please refer to attachment for the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



Model No. : 940SH FCC ID : APYHR Standard : FCC/OET Bulletin 65 Supplement C (Edition 01-01)

Page 24 of 32

A.3.1.3 Body-worn Position - close style



GSM 1900 (Duty	GSM 1900 (Duty Cycle: 12.0 %, Crest Factor: 8.3) Date: September 7, 2009								
Separation Distance	Frequency		Tx Power	Power	Limit	SAR (1g)	Tissue		
	Channel	MHz	[dBm]	Drift [dB]	[mW/g]	[mW/g]	Temp. [°C]		
	0512	1850.20				**			
1.5 cm	0661	1880.00	28.40	-0.016	1.6	0.168	22.0		
	0810	1909.80]	**			
GSM 1900 GSM+	GPRS (Duty	Cycle: 24.0 %, 0	Crest Factor: 4	l.15)					
	0512	1850.20				**			
1.5 cm	0661	1880.00	28.30	-0.014	1.6	0.319	22.0		
	0810	1909.80				**			

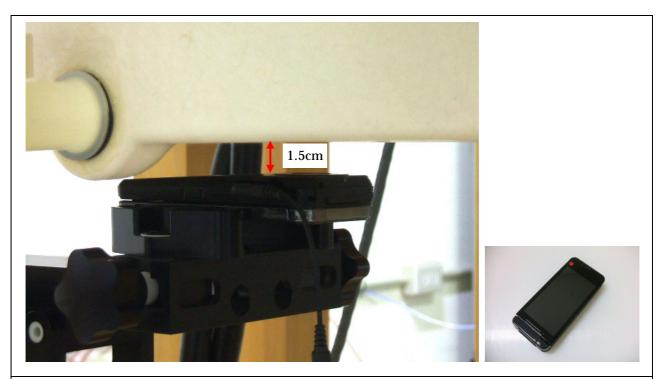
- 1. Depth of Liquid: 15.0 cm
- $2. \quad Transmitter \ power \ was \ measured \ at \ the \ antenna-conducted \ terminal.$
- 3. The SAR result marked at ** is optional, because the SAR measured at the middle channel for that configuration is at least 3.0 dB lower than the SAR limit.
- 4. The earphone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



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

Page 25 of 32

A.3.1.4 Body-worn Position - viewer style



GSM 1900 (Duty	GSM 1900 (Duty Cycle: 12.0 %, Crest Factor: 8.3) Date: September 7, 2009								
Separation Distance	Frequency		Tx Power	Power	Limit	SAR (1g)	Tissue		
	Channel	MHz	[dBm]	Drift [dB]	[mW/g]	[mW/g]	Temp. [°C]		
	0512	1850.20				**			
1.5 cm	0661	1880.00	28.40	-0.016	1.6	0.179	22.0		
	0810	1909.80			<u> </u>	**			
GSM 1900 GSM+	GPRS (Duty	Cycle: 24.0 %, 0	Crest Factor: 4	l.15)					
	0512	1850.20	28.47	-0.018		0.351	22.0		
1.5 cm	0661	1880.00	28.30	-0.035	1.6	0.321	22.0		
	0810	1909.80	28.37	-0.048		0.382	22.0		

- 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.



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

Page 26 of 32

A.3.2 WLAN

A.3.2.1 Left Head



Cheek/Touch Position

Ear/Tilt Position

802.11b (1 Mbps)	- Duty Cycle		Date: September 12, 2009				
	Frequency		Tx Power	Power	Limit	SAR (1g)	Tissue
Test Position	Channel	MHz	[dBm]	Drift [dB]	[mW/g]	[mW/g] ** **	Temp. [°C]
	1	2412				**	1
Cheek/Touch	6	2437			1.6	**	-
	11	2462	15.12	-0.087		0.021	22.0
	1	2412				**	
Ear/Tilt	6	2437			1.6	**	
	11	2462	15.12	-0.062		0.016	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 highest output 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.



JQA File No. : KL80090272 Issue Date: September 25, 2009 : APYHRO00108 Model No. :940SH FCC ID

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

Page 27 of 32

A.3.2.2 Right Head





Cheek/Touch Position

Ear/Tilt Position

	802.11b	(1	Mbps) –	Duty	Cycle:	100 %	
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802.11b (1 Mbps)	- Duty Cycle:		Date: September 12, 2009				
Test Position	Frequency		Tx Power	Power	Limit	SAR (1g)	Tissue
	Channel	MHz	[dBm]	Drift [dB]	[mW/g]	[mW/g]	Temp. [°C]
	1	2412				**	
Cheek/Touch	6	2437			1.6	**	
	11	2462	15.12	-0.038		0.015	22.0
	1	2412				**	
Ear/Tilt	6	2437			1.6	**	
	11	2462	15.12	-0.052		0.018	22.0

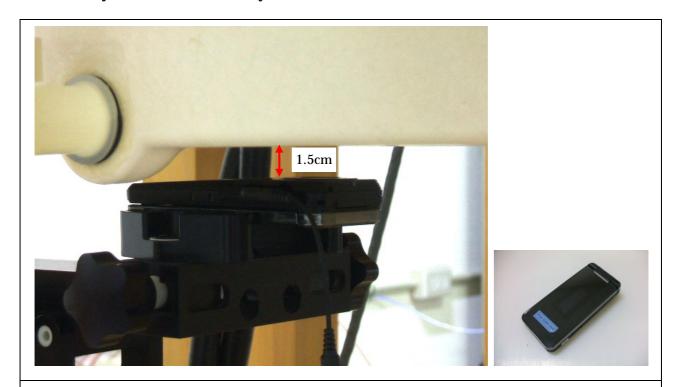
- 1. Depth of Liquid: 15.0 cm
- Transmitter power was measured at the antenna-conducted terminal.
- The SAR result marked at ** is optional, because the SAR measured at the highest output channel for that configuration is at least 3.0 dB lower than the SAR limit.
- Please refer to attachment for the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



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

Page 28 of 32

A.3.2.3 Body-worn Position – close style



802.11b (1 Mbps) – Duty Cycle: 100 % Date: September 20, 2009									
Separation - Distance	Freq Channel	uency MHz	Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	SAR (1g) [mW/g]	Tissue Temp.		

	0114111101	1,1112		[dB]	- 0-	5	[°C]
	1	2412		1		**	
1.5 cm	6	2437		-	1.6	**	
	11	2462	15.12	-0.031		0.047	22.0

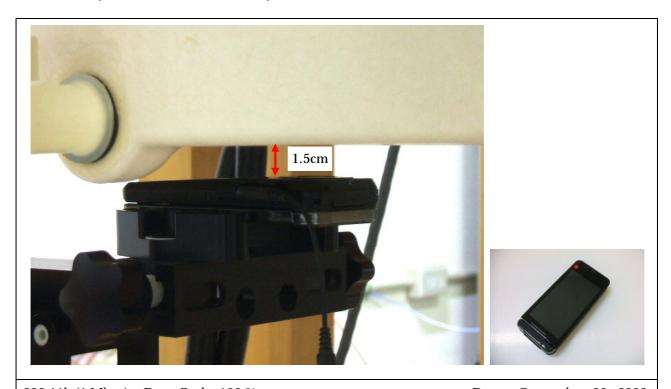
- 1. Depth of Liquid: 15.0 cm
- 2. Transmitter power was measured at the antenna-conducted terminal.
- 3. The SAR result marked at ** is optional, because the SAR measured at the highest output channel for that configuration is at least 3.0 dB lower than the SAR limit.
- 4. The earphone wire connected 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.



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

Page 29 of 32

A.3.2.4 Body-worn Position - viewer style



802.11b (1 Mbps)	– Duty Cycle: 100 %		Date :	September	20, 2009
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		0 0						
5	Separation	Frequency		Tx Power [dBm]	Power Drift [dB]	Limit	SAR (1g)	Tissue
Distance	Channel	MHz	[mW/g]			[mW/g]	Temp. [°C]	
		1	2412				**	
	1.5 cm	6	2437			1.6	**	
		11	2462	15.12	-0.019		0.051	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 highest output 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.