





A.3 SAR Measurement Data

A.3.1 WCDMA Band V

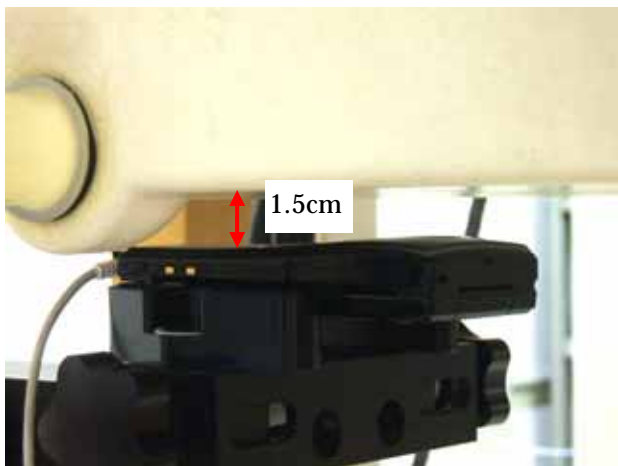
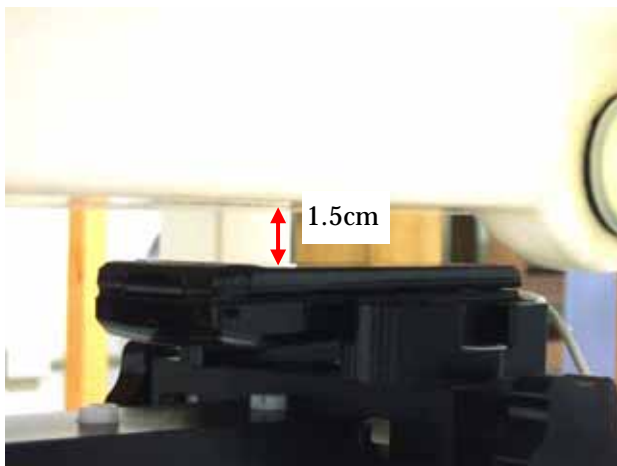
A.3.1.1 Left Head

							
Cheek/Touch Position				Ear/Tilt Position			
WCDMA Band V (Duty Cycle: 100 %, Crest Factor: 1)					Date : September 16, 2010		
Test Position	Frequency		Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	SAR (1g) [mW/g]	Tissue Temp. [°C]
	Channel	MHz					
Cheek/Touch	4132	826.40	22.81	-0.042	1.6	0.253	22.0
	4182	836.40	22.98	-0.002		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
NOTES : 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.							

A.3.1.2 Right Head

							
Cheek/Touch Position	Ear/Tilt Position						
WCDMA Band V (Duty Cycle: 100 %, Crest Factor: 1)				Date : September 16, 2010			
Test Position	Frequency		Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	SAR (1g) [mW/g]	Tissue Temp. [°C]
	Channel	MHz					
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
NOTES :							
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.							

A.3.1.3 Body-worn Position – close style

							
Rear Position	Front Position						
WCDMA Band V (Duty Cycle: 100 %, Crest Factor: 1)				Date : September 17, 2010			
Test Position	Frequency		Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	SAR (1g) [mW/g]	Tissue Temp. [°C]
	Channel	MHz					
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
NOTES :							
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.							

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		
Test Position	Frequency		Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	SAR (1g) [mW/g]	Tissue Temp. [°C]
	Channel	MHz					
Rear	4132	826.40	22.81	-0.025	1.6	0.321	22.0
	4182	836.40	22.98	-0.047		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

NOTES :



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.

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		
Test Position	Frequency		Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	SAR (1g) [mW/g]	Tissue Temp. [°C]
	Channel	MHz					
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
NOTES : 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.							

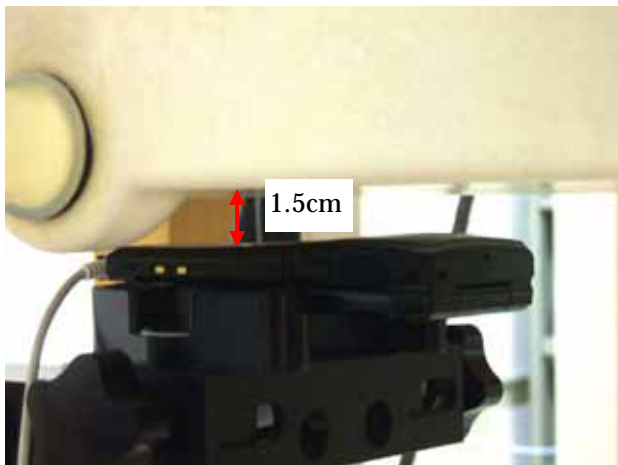
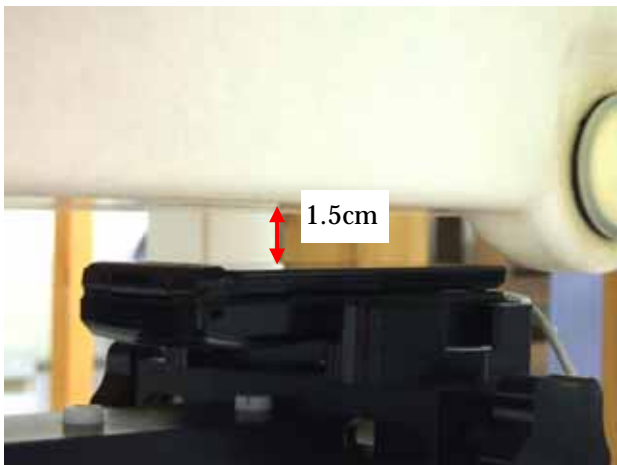
A.3.2.2 Right Head

							
Cheek/Touch Position				Ear/Tilt Position			
GSM 1900 (Duty Cycle: 12.0 %, Crest Factor: 8.3)					Date : September 18, 2010		
Test Position	Frequency		Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	SAR (1g) [mW/g]	Tissue Temp. [°C]
	Channel	MHz					
Cheek/Touch	512	1850.20	29.25	-0.018	1.6	0.166	22.0
	661	1880.00	29.32	-0.035		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
NOTES : 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.							

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			
Test Position	Frequency		Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	SAR (1g) [mW/g]	Tissue Temp. [°C]
	Channel	MHz					
Rear	512	1850.20	29.25	-0.004	1.6	0.358	22.0
	661	1880.00	29.32	-0.039		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
NOTES :							
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.							

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			
Test Position	Frequency		Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	SAR (1g) [mW/g]	Tissue Temp. [°C]
	Channel	MHz					
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
NOTES :							
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.							

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		
Test Position	Frequency		Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	SAR (1g) [mW/g]	Tissue Temp. [°C]
	Channel	MHz					
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
NOTES : 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.							

A.3.3.2 Right Head

							
Cheek/Touch Position	Ear/Tilt Position						
802.11b (1 Mbps) – Duty Cycle: 100 %							
Date : September 23, 2010							
Test Position	Frequency		Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	SAR (1g) [mW/g]	Tissue Temp. [°C]
	Channel	MHz					
Cheek/Touch	6	2437	15.85	-0.050	1.6	0.037	22.0
Ear/Tilt	6	2437	15.85	-0.058	1.6	0.012	22.0
NOTES :							
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.							

A.3.3.3 Body-worn Position – close style

802.11b (1 Mbps) – Duty Cycle: 100 %

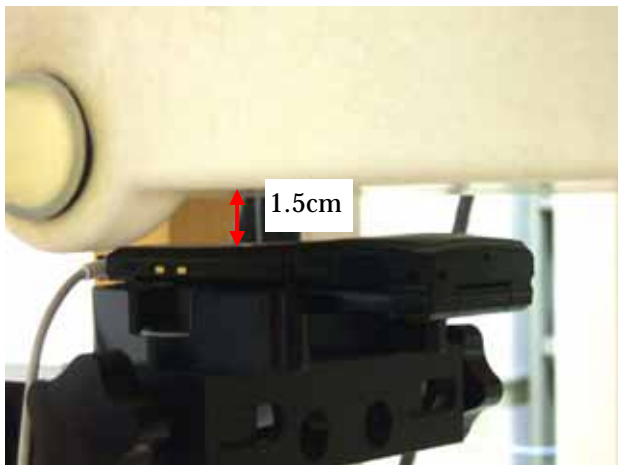
Date : September 21, 2010

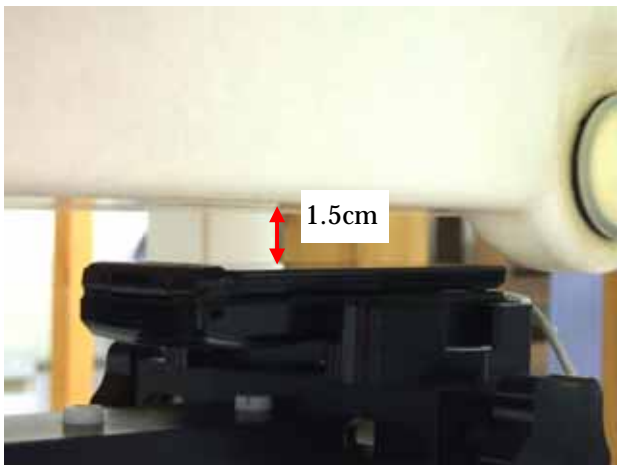
Test Position	Frequency		Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	SAR (1g) [mW/g]	Tissue Temp. [°C]
	Channel	MHz					
Rear	6	2437	15.85	-0.001	1.6	0.073	22.0
Front	6	2437	15.85	-0.021	1.6	0.021	22.0

NOTES :

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.

A.3.3.4 Body-worn Position – viewer style





Rear Position

Front Position

802.11b (1 Mbps) – Duty Cycle: 100 %					Date : September 21, 2010		
Test Position	Frequency		Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	SAR (1g) [mW/g]	Tissue Temp. [°C]
	Channel	MHz					
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

NOTES :

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