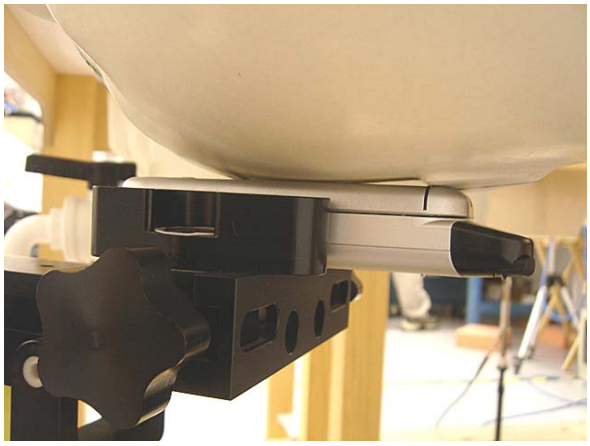
12 SAR MEASUREMENT RESULT

12.1 Left Hand Side – Cellular Band



Touch Position

Tilt (15°) Position

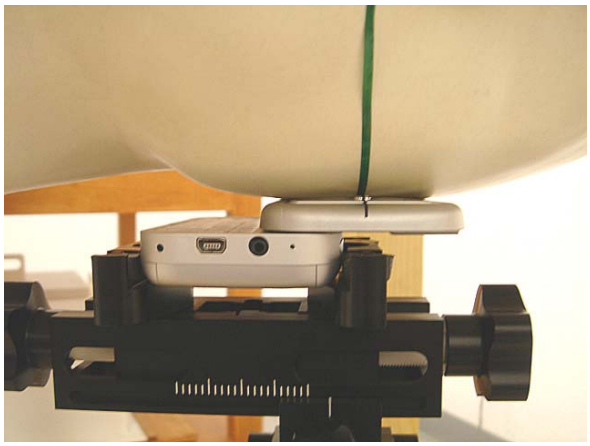
CDMA Cellular Band

Test Position	Channel	f (MHz)	Measured 1g (mW/g)	Power Drift (dBm)	Extrapolated 1g (mW/g)	Limit (mW/g)
Touch	1013	824.70				
Touch	384	836.52	0.761	-0.079	0.775	1.6
Touch	777	848.31				
Tilt	1013	824.70	0.982	-0.070	0.998	1.6
Tilt	384	836.52	0.905	-0.159	0.939	1.6
Tilt	777	848.31	0.998	-0.010	1.000	1.6

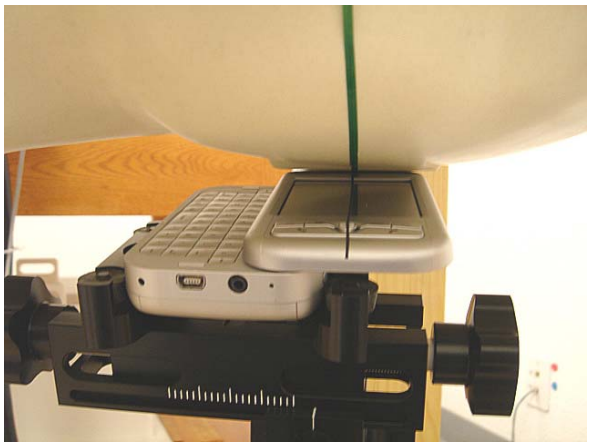
Notes:

1) The exact method of extrapolation is *measured SAR x 10 ^ (-drift/10)*. The SAR reported at the end of the measurement process by the DASY4 measurement system can be scaled up by the measured drift to determine the SAR at the beginning of the measurement process.
2) The SAR measured at the middle channel for this configuration is at least 3 dB lower than SAR limit, testing at low & high channel is optional.
3) The battery was fully charged in accordance with manufacture's instructions prior to SAR measurements.
4) Please see attachment for the detailed measurement data and plots.

12.2 Left Hand Side – Cellular Band with Keypad open



Touch Position



Tilt (15°) Position

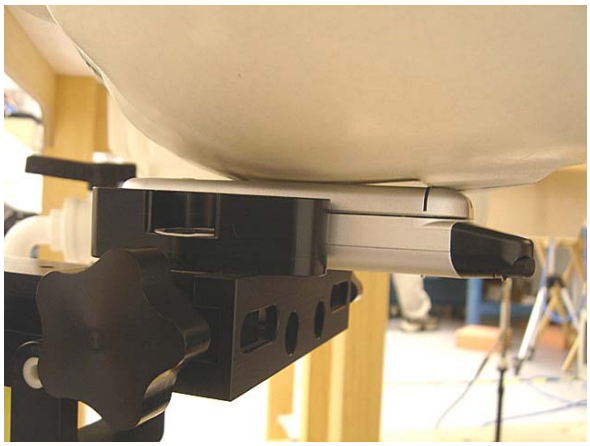
CDMA Cellular Band

Test Position	Channel	f (MHz)	Measured 1g (mW/g)	Power Drift (dBm)	Extrapolated 1g (mW/g)	Limit (mW/g)
Touch	1013	824.70				
Touch	384	836.52	0.383	-0.117	0.393	1.6
Touch	777	848.31				
Tilt	1013	824.70				
Tilt	384	836.52	0.560	-0.059	0.568	1.6
Tilt	777	848.31				

Notes:

1) The exact method of extrapolation is *measured SAR x 10 ^ (-drift/10)*. The SAR reported at the end of the measurement process by the DASY4 measurement system can be scaled up by the measured drift to determine the SAR at the beginning of the measurement process.
2) The SAR measured at the middle channel for this configuration is at least 3 dB lower than SAR limit, testing at low & high channel is optional.
3) The battery was fully charged in accordance with manufacture's instructions prior to SAR measurements.
4) Please see attachment for the detailed measurement data and plots.

12.3 Left Hand Side – PCS Band



Touch Position

Tilt (15°) Position

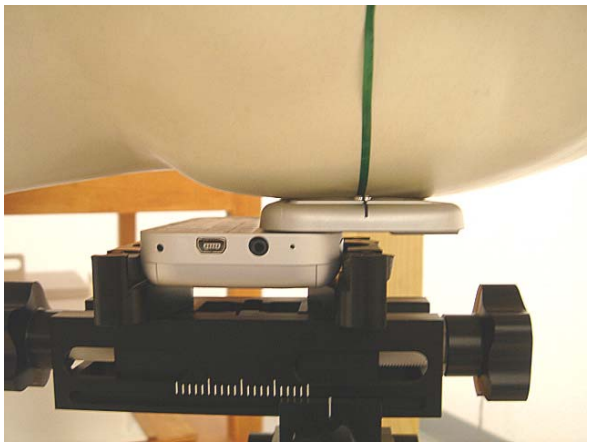
CDMA PCS Band

Test Position	Channel	f (MHz)	Measured 1g (mW/g)	Power Drift (dBm)	Extrapolated 1g (mW/g)	Limit (mW/g)
Touch	25	1851.25				
Touch	600	1880	0.583	-0.132	0.601	1.6
Touch	1175	1908.75				
Tilt	25	1851.25	0.726	-0.010	0.728	1.6
Tilt	600	1880	0.750	0.000	0.750	1.6
Tilt	1175	1908.75	0.849	-0.133	0.875	1.6

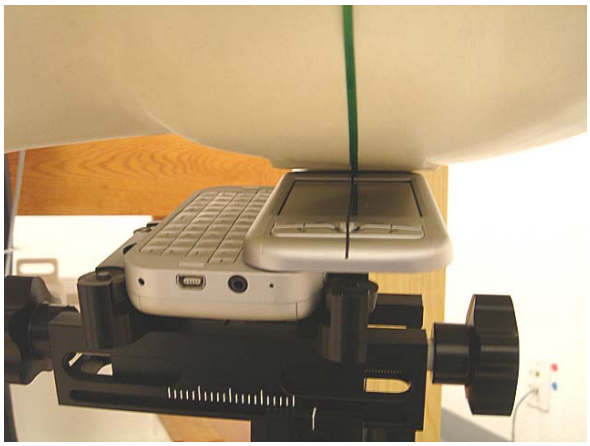
Notes:

1) The exact method of extrapolation is *measured SAR x 10 ^ (-drift/10)*. The SAR reported at the end of the measurement process by the DASY4 measurement system can be scaled up by the measured drift to determine the SAR at the beginning of the measurement process.
2) The SAR measured at the middle channel for this configuration is at least 3 dB lower than SAR limit, testing at low & high channel is optional.
3) The battery was fully charged in accordance with manufacture's instructions prior to SAR measurements.
4) Please see attachment for the detailed measurement data and plots.

12.4 Left Hand Side – CDMA PCS Band with Keypad open



Touch Position



Tilt (15°) Position

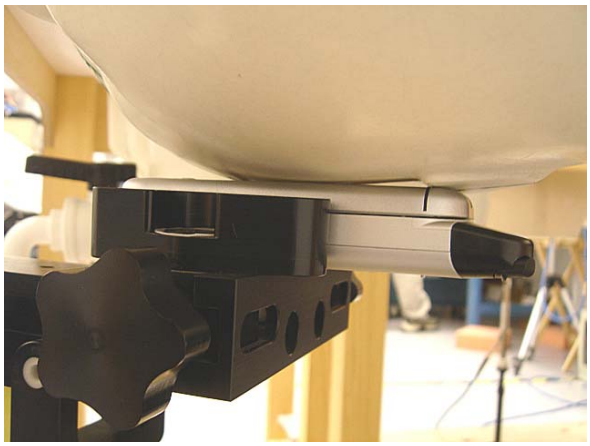
CDMA PCS Band

Test Position	Channel	f (MHz)	Measured 1g (mW/g)	Power Drift (dBm)	Extrapolated 1g (mW/g)	Limit (mW/g)
Touch	25	1851.25				
Touch	600	1880	0.218	-0.18	0.227	1.6
Touch	1175	1908.75				
Tilt	25	1851.25				
Tilt	600	1880	0.211	-0.053	0.214	1.6
Tilt	1175	1908.75				

Notes:

1) The exact method of extrapolation is *measured SAR x 10 ^ (-drift/10)*. The SAR reported at the end of the measurement process by the DASY4 measurement system can be scaled up by the measured drift to determine the SAR at the beginning of the measurement process.
2) The SAR measured at the middle channel for this configuration is at least 3 dB lower than SAR limit, testing at low & high channel is optional.
3) The battery was fully charged in accordance with manufacture's instructions prior to SAR measurements.
4) Please see attachment for the detailed measurement data and plots.

12.5 Left Hand Side – WiFi 802.11b and Bluetooth



Touch Position

Tilt (15°) Position

WiFi 802.11b

Test Position	Channel	f (MHz)	Measured 1g (mW/g)	Power Drift (dBm)	Extrapolated 1g (mW/g)	Limit (mW/g)
Touch	1	2412				
Touch	6	2437	0.071	-0.057	0.072	1.6
Touch	11	2462				
Tilt	1	2412				
Tilt	6	2437	0.096	-0.097	0.098	1.6
Tilt	11	2462				

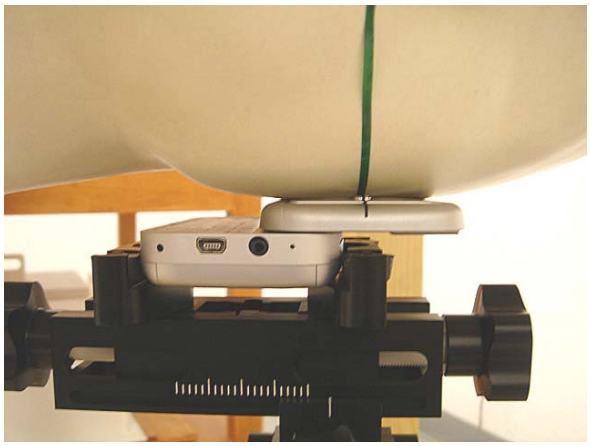
Bluetooth

Test Position	Channel	f (MHz)	Measured 1g (mW/g)	Power Drift (dBm)	Extrapolated 1g (mW/g)	Limit (mW/g)
Touch	0	2402				
Touch	39	2441				
Touch	78	2480	<0.001		<0.001	1.6
Tilt	0	2402				
Tilt	39	2441				
Tilt	78	2480	<0.001		<0.001	1.6

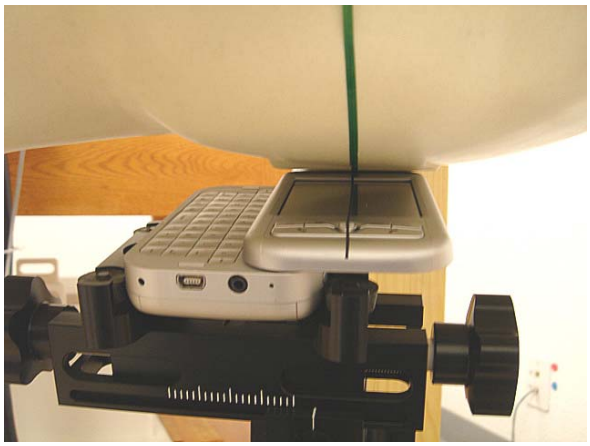
Notes:

1) The exact method of extrapolation is *measured SAR x 10 ^ (-drift/10)*. The SAR reported at the end of the measurement process by the DASY4 measurement system can be scaled up by the measured drift to determine the SAR at the beginning of the measurement process.
2) The SAR measured at the middle channel for WiFi 802.11b is at least 3 dB lower than SAR limit, testing at low & high channel is optional.
3) The SAR measured at the High channel (max power) for Bluetooth is at least 3 dB lower than SAR limit, testing at low & middle channel is optional.
4) The battery was fully charged in accordance with manufacture's instructions prior to SAR measurements.
5) Please see attachment for the detailed measurement data and plots.

12.6 Left Hand Side – WiFi 802.11b and Bluetooth with keypad open



Touch Position



Tilt (15°) Position

WiFi 802.11b

Test Position	Channel	f (MHz)	Measured 1g (mW/g)	Power Drift (dBm)	Extrapolated 1g (mW/g)	Limit (mW/g)
Touch	1	2412				
Touch	6	2437	0.063	-0.097	0.064	1.6
Touch	11	2462				
Tilt	1	2412				
Tilt	6	2437	0.092	-0.061	0.093	1.6
Tilt	11	2462				

Bluetooth

Test Position	Channel	f (MHz)	Measured 1g (mW/g)	Power Drift (dBm)	Extrapolated 1g (mW/g)	Limit (mW/g)
Touch	0	2402				
Touch	39	2441				
Touch	78	2480	<0.001		<0.001	1.6
Tilt	0	2402				
Tilt	39	2441				
Tilt	78	2480	<0.001		<0.001	1.6

Notes:

1) The exact method of extrapolation is *measured SAR x 10 ^ (-drift/10)*. The SAR reported at the end of the measurement process by the DASY4 measurement system can be scaled up by the measured drift to determine the SAR at the beginning of the measurement process.
2) The SAR measured at the middle channel for WiFi 802.11b is at least 3 dB lower than SAR limit, testing at low & high channel is optional.
3) The SAR measured at the High channel (max power) for Bluetooth is at least 3 dB lower than SAR limit, testing at low & middle channel is optional.
4) The battery was fully charged in accordance with manufacture's instructions prior to SAR measurements.
5) Please see attachment for the detailed measurement data and plots.

12.7 Right Hand Side – CDMA Cellular Band

Touch Position

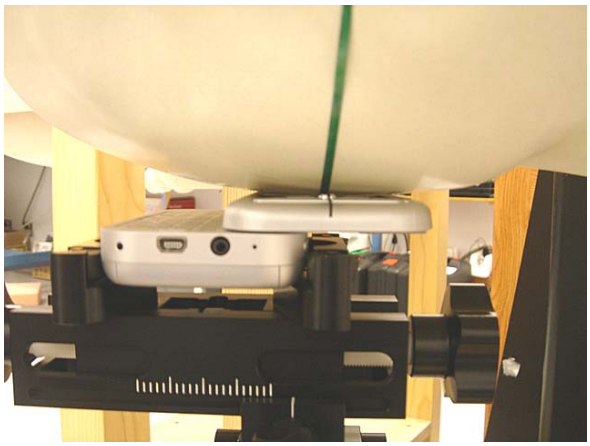
Tilt (15°) Position

CDMA Cellular Band						
			Measured	Power Drift	Extrapolated	
Test Position	Channel	f (MHz)	1g (mW/g)	(dBm)	1g (mW/g)	Limit (mW/g)
Touch	1013	824.70				
Touch	384	836.52	0.578	-0.083	0.589	1.6
Touch	777	848.31				
Tilt	1013	824.70				
Tilt	384	836.52	0.759	-0.101	0.777	1.6
Tilt	777	848.31				

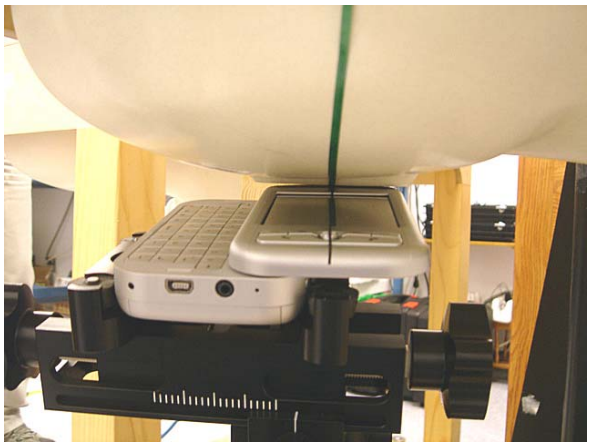
Notes:

1) The exact method of extrapolation is *measured SAR x 10 ^ (-drift/10)*. The SAR reported at the end of the measurement process by the DASY4 measurement system can be scaled up by the measured drift to determine the SAR at the beginning of the measurement process.
2) The SAR measured at the middle channel for this configuration is at least 3 dB lower than SAR limit, testing at low & high channel is optional.
3) The battery was fully charged in accordance with manufacture's instructions prior to SAR measurements.
4) Please see attachment for the detailed measurement data and plots.

12.8 Right Hand Side – CDMA Cellular Band with Keypad open



Touch Position



Tilt (15°) Position

CDMA Cellular Band						
Test Position	Channel	f (MHz)	Measured 1g (mW/g)	Power Drift (dBm)	Extrapolated 1g (mW/g)	Limit (mW/g)
Touch	1013	824.70				
Touch	384	836.52	0.555	-0.152	0.575	1.6
Touch	777	848.31				
Tilt	1013	824.70				
Tilt	384	836.52	0.741	-0.197	0.775	1.6
Tilt	777	848.31				

Notes:

1) The exact method of extrapolation is *measured SAR x 10 ^ (-drift/10)*. The SAR reported at the end of the measurement process by the DASY4 measurement system can be scaled up by the measured drift to determine the SAR at the beginning of the measurement process.
2) The SAR measured at the middle channel for this configuration is at least 3 dB lower than SAR limit, testing at low & high channel is optional.
3) The battery was fully charged in accordance with manufacture's instructions prior to SAR measurements.
4) Please see attachment for the detailed measurement data and plots.

12.9 Right Hand Side – CDMA PCS Band

Touch Position

Tilt (15°) Position

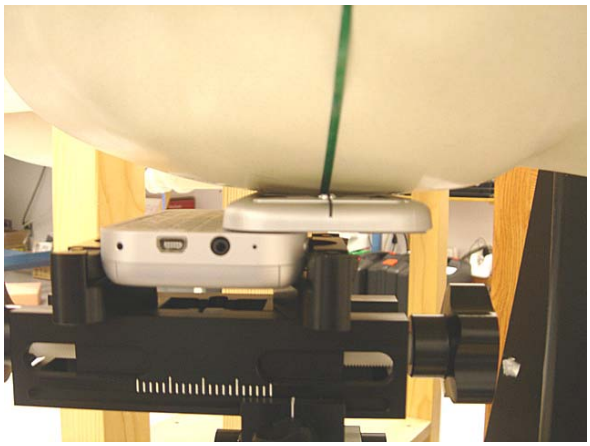
CDMA PCS Band

Test Position	Channel	f (MHz)	Measured 1g (mW/g)	Power Drift (dBm)	Extrapolated 1g (mW/g)	Limit (mW/g)
Touch	25	1851.25				
Touch	600	1880	0.490	-0.012	0.491	1.6
Touch	1175	1908.75				
Tilt	25	1851.25	0.680	-0.087	0.694	1.6
Tilt	600	1880	0.803	-0.187	0.838	1.6
Tilt	1175	1908.75	0.710	-0.102	0.727	1.6

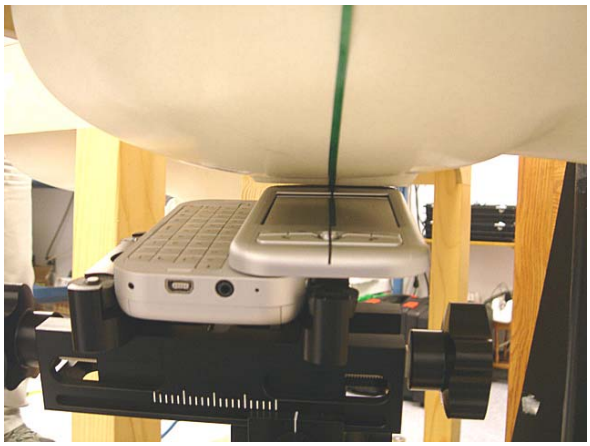
Notes:

1) The exact method of extrapolation is *measured SAR x 10 ^ (-drift/10)*. The SAR reported at the end of the measurement process by the DASY4 measurement system can be scaled up by the measured drift to determine the SAR at the beginning of the measurement process.
2) The SAR measured at the middle channel for this configuration is at least 3 dB lower than SAR limit, testing at low & high channel is optional.
3) The battery was fully charged in accordance with manufacture's instructions prior to SAR measurements.
4) Please see attachment for the detailed measurement data and plots.

12.10 Right Hand Side – CDMA PCS Band with Keypad open



Touch Position



Tilt (15°) Position

CDMA PCS Band

Test Position	Channel	f (MHz)	Measured 1g (mW/g)	Power Drift (dBm)	Extrapolated 1g (mW/g)	Limit (mW/g)
Touch	25	1851.25				
Touch	600	1880	0.486	-0.137	0.502	1.6
Touch	1175	1908.75				
Tilt	25	1851.25				
Tilt	600	1880	0.394	-0.061	0.400	1.6
Tilt	1175	1908.75				

Notes:

1) The exact method of extrapolation is *measured SAR x 10 ^ (-drift/10)*. The SAR reported at the end of the measurement process by the DASY4 measurement system can be scaled up by the measured drift to determine the SAR at the beginning of the measurement process.
2) The SAR measured at the middle channel for this configuration is at least 3 dB lower than SAR limit, testing at low & high channel is optional.
3) The battery was fully charged in accordance with manufacture's instructions prior to SAR measurements.
4) Please see attachment for the detailed measurement data and plots.

12.11 Right Hand Side – WiFi 802.11b and Bluetooth

Touch Position

Tilt (15°) Position

WiFi 802.11b

Test Position	Channel	f (MHz)	Measured 1g (mW/g)	Power Drift (dBm)	Extrapolated 1g (mW/g)	Limit (mW/g)
Touch	1	2412				
Touch	6	2437	0.095	-0.081	0.097	1.6
Touch	11	2462				
Tilt	1	2412				
Tilt	6	2437	0.090	-0.190	0.094	1.6
Tilt	11	2462				

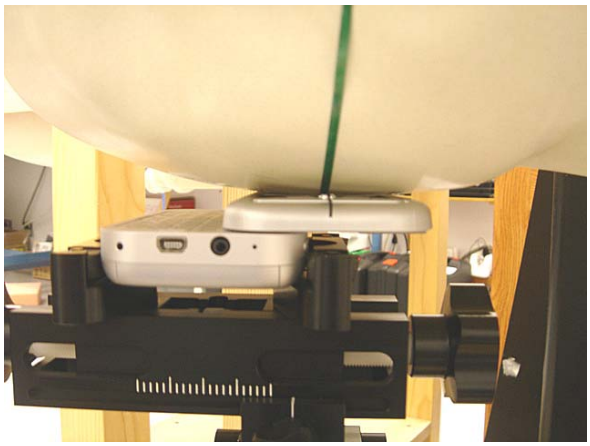
Bluetooth

Test Position	Channel	f (MHz)	Measured 1g (mW/g)	Power Drift (dBm)	Extrapolated 1g (mW/g)	Limit (mW/g)
Touch	0	2402				
Touch	39	2441				
Touch	78	2480	<0.001		<0.001	1.6
Tilt	0	2402				
Tilt	39	2441				
Tilt	78	2480	<0.001		<0.001	1.6

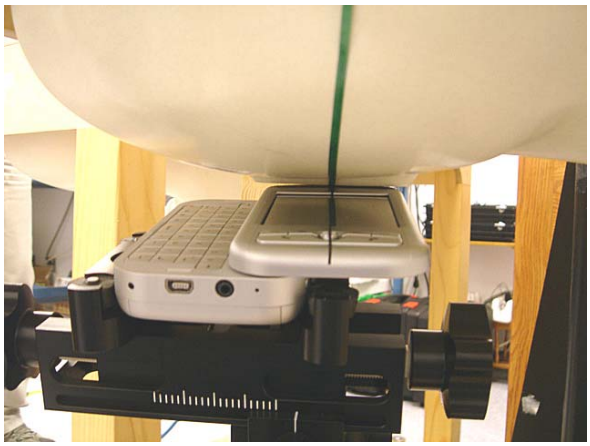
Notes:

1) The exact method of extrapolation is *measured SAR x 10 ^ (-drift/10)*. The SAR reported at the end of the measurement process by the DASY4 measurement system can be scaled up by the measured drift to determine the SAR at the beginning of the measurement process.
2) The SAR measured at the middle channel for WiFi 802.11b is at least 3 dB lower than SAR limit, testing at low & high channel is optional.
3) The SAR measured at the High channel (max power) for Bluetooth is at least 3 dB lower than SAR limit, testing at low & middle channel is optional.
4) The battery was fully charged in accordance with manufacture's instructions prior to SAR measurements.
5) Please see attachment for the detailed measurement data and plots.

12.12 Right Hand Side – WiFi 802.11b and Bluetooth with keypad open



Touch Position



Tilt (15°) Position

WiFi 802.11b

Test Position	Channel	f (MHz)	Measured 1g (mW/g)	Power Drift (dBm)	Extrapolated 1g (mW/g)	Limit (mW/g)
Touch	1	2412				
Touch	6	2437	0.096	-0.070	0.098	1.6
Touch	11	2462				
Tilt	1	2412	0.074	-0.056	0.075	
Tilt	6	2437	0.100	-0.164	0.104	1.6
Tilt	11	2462	0.102	-0.187	0.106	

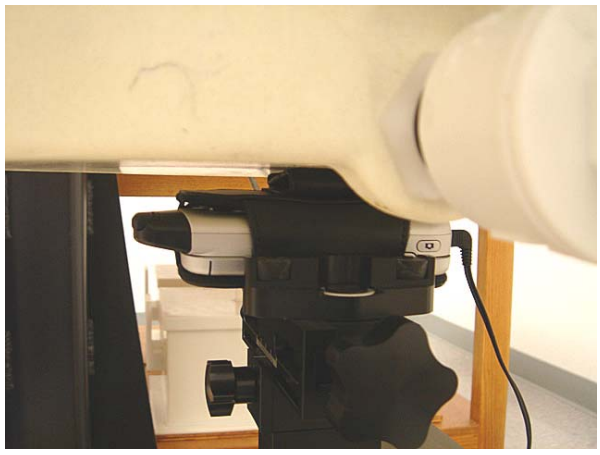
Bluetooth

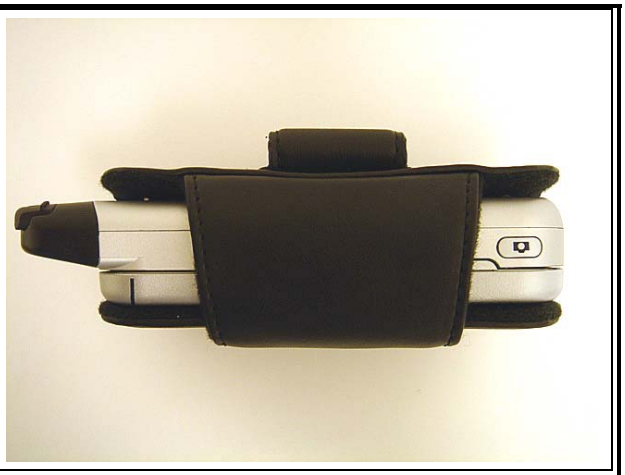
Test Position	Channel	f (MHz)	Measured 1g (mW/g)	Power Drift (dBm)	Extrapolated 1g (mW/g)	Limit (mW/g)
Touch	0	2402				
Touch	39	2441				
Touch	78	2480	<0.001		<0.001	1.6
Tilt	0	2402				
Tilt	39	2441				
Tilt	78	2480	<0.001		<0.001	1.6

Notes:

1) The exact method of extrapolation is *measured SAR x 10 ^ (-drift/10)*. The SAR reported at the end of the measurement process by the DASY4 measurement system can be scaled up by the measured drift to determine the SAR at the beginning of the measurement process.
2) The SAR measured at the middle channel for WiFi 802.11b is at least 3 dB lower than SAR limit, testing at low & high channel is optional.
3) The SAR measured at the High channel (max power) for Bluetooth is at least 3 dB lower than SAR limit, testing at low & middle channel is optional.
4) The battery was fully charged in accordance with manufacture's instructions prior to SAR measurements.
5) Please see attachment for the detailed measurement data and plots.

12.13 Body Worn 1



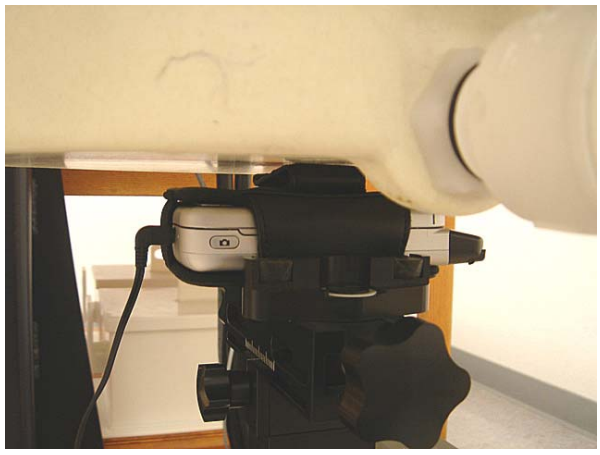


CDMA Cellular Band						
Separation. distance (mm)	Channel	f (MHz)	Measured 1g (mW/g)	Power Drift (dBm)	Extrapolated 1g (mW/g)	Limit (mW/g)
18 (w/Holster)	1013	824.70	0.782	-0.147	0.809	1.6
18 (w/Holster)	384	836.52	0.783	-0.195	0.819	1.6
18 (w/Holster)	777	848.31	0.910	-0.156	0.943	1.6
CDMA PCS Band						
Separation. distance (mm)	Channel	f (MHz)	Measured 1g (mW/g)	Power Drift (dBm)	Extrapolated 1g (mW/g)	Limit (mW/g)
18 (w/Holster)	25	1851.25	0.287	-0.091	0.293	1.6
18 (w/Holster)	600	1800.00	0.319	-0.114	0.327	1.6
18 (w/Holster)	1175	1908.75	0.318	-0.103	0.326	1.6
WiFi (802.11b)						
Separation. distance (mm)	Channel	f (MHz)	Measured 1g (mW/g)	Power Drift (dBm)	Extrapolated 1g (mW/g)	Limit (mW/g)
18 (w/Holster)	1	2412				
18 (w/Holster)	6	2437	0.027	-0.187	0.028	1.6
18 (w/Holster)	11	2462				
Bluetooth						
Separation. distance (mm)	Channel	f (MHz)	Measured 1g (mW/g)	Power Drift (dBm)	Extrapolated 1g (mW/g)	Limit (mW/g)
18 (w/Holster)	0					
18 (w/Holster)	39					
18 (w/Holster)	78	2480	0.000		<0.001	1.6

Notes:

1) The exact method of extrapolation is *measured SAR x 10^(-drift/10)*. The SAR reported at the end of the measurement process by the DASY4 measurement system can be scaled up by the measured drift to determine the SAR at the beginning of the measurement process.
2) The SAR measured at the middle channel for this configuration is at least 3 dB lower than SAR limit, testing at low & high channel is optional.
3) The earphone wire connected to the EUT to simulate hand-free operation in a body worn configuration.
4) The battery was fully charged in accordance with manufacture's instructions prior to SAR measurements.
5) Please see attachment for the detailed measurement data and plots.

12.14 Body Worn 2



CDMA Cellular Band						
Separation. distance (mm)	Channel	f (MHz)	Measured 1g (mW/g)	Power Drift (dBm)	Extrapolated 1g (mW/g)	Limit (mW/g)
18 (w/Holster)	1013	824.70				
18 (w/Holster)	384	836.52				
18 (w/Holster)	777	848.31	0.680	-0.086	0.694	1.6
CDMA PCS Band						
Separation. distance (mm)	Channel	f (MHz)	Measured 1g (mW/g)	Power Drift (dBm)	Extrapolated 1g (mW/g)	Limit (mW/g)
18 (w/Holster)	25	1851.25				
18 (w/Holster)	600	1800.00	0.225	-0.123	0.231	1.6
18 (w/Holster)	1175	1908.75				
WiFi (802.11b)						
Separation. distance (mm)	Channel	f (MHz)	Measured 1g (mW/g)	Power Drift (dBm)	Extrapolated 1g (mW/g)	Limit (mW/g)
18 (w/Holster)	1	2412	0.031	-0.043	0.031	1.6
18 (w/Holster)	6	2437	0.044	-0.038	0.044	1.6
18 (w/Holster)	11	2462	0.040	-0.004	0.040	1.6
Bluetooth						
Separation. distance (mm)	Channel	f (MHz)	Measured 1g (mW/g)	Power Drift (dBm)	Extrapolated 1g (mW/g)	Limit (mW/g)
18 (w/Holster)	0					
18 (w/Holster)	39					
18 (w/Holster)	78	2480	0.000		<0.001	1.6

Notes:

1) The exact method of extrapolation is *measured SAR x 10^(-drift/10)*. The SAR reported at the end of the measurement process by the DASY4 measurement system can be scaled up by the measured drift to determine the SAR at the beginning of the measurement process.
2) The SAR measured at the middle channel for this configuration is at least 3 dB lower than SAR limit, testing at low & high channel is optional.
3) The earphone wire connected to the EUT to simulate hand-free operation in a body worn configuration.
4) The battery was fully charged in accordance with manufacture's instructions prior to SAR measurements.
5) Please see attachment for the detailed measurement data and plots.