

8 SAR MEASUREMENT RESULTS**8.1 CELL BAND****8.1.1 PANASONIC****1XRTT**

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
1013	824.70	0.483	-0.114	0.496
384	836.52			
777	848.31			

EVDO - Release 0

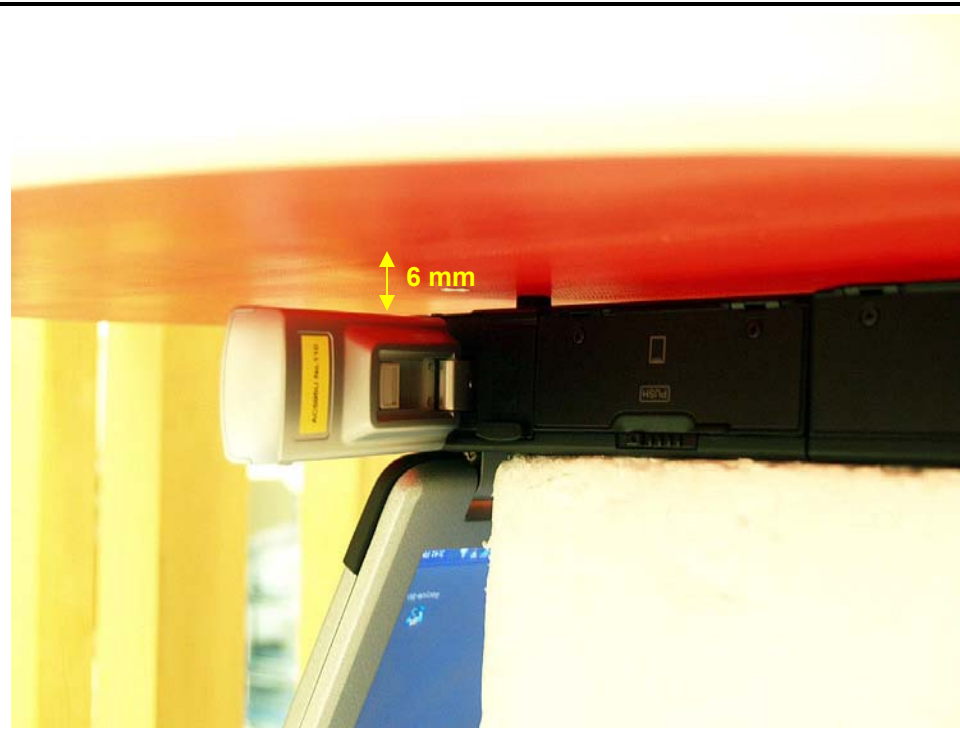
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
1013	824.70	0.448	-0.165	0.465
384	836.52			
777	848.31			

EVDO - Revision A

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
1013	824.70	0.372	-0.124	0.383
384	836.52			
777	848.31			

Notes:

- 1) The exact method of extrapolation is $\text{Measured SAR} \times 10^{(-\text{drift}/10)}$. The SAR reported at the end of the measurement process by the DASY4 system can be scaled up by the Power 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 (0.8 mW/g) than SAR limit (1.6 mW/g), thus testing at low & high channel is optional.
- 3) Please see attachments for the detailed measurement data and plots showing the maximum SAR location of the EUT.

8.1.2 PANASONIC – SIDE OPEN**1XRTT**

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
1013	824.70			
384	836.52	0.513	-0.182	0.535
777	848.31			

EVDO - Release 0

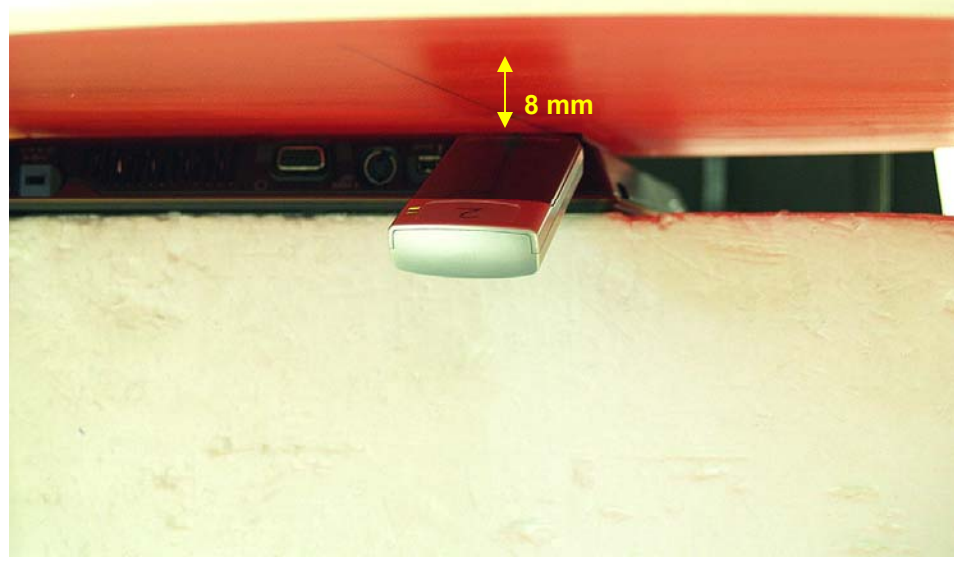
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
1013	824.70			
384	836.52	0.469	-0.109	0.481
777	848.31			

EVDO - Revision A

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
1013	824.70			
384	836.52	0.432	-0.114	0.443
777	848.31			

Notes:

- 1) The exact method of extrapolation is $\text{Measured SAR} \times 10^{(-\text{drift}/10)}$. The SAR reported at the end of the measurement process by the DASY4 system can be scaled up by the Power 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 (0.8 mW/g) than SAR limit (1.6 mW/g), thus testing at low & high channel is optional.
- 3) Please see attachments for the detailed measurement data and plots showing the maximum SAR location of the EUT.

8.1.3 SONY VAIO - HORIZONTAL**1XRTT**

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
1013	824.70	0.839	-0.108	0.860
384	836.52	0.858	-0.158	0.890
777	848.31	0.807	-0.179	0.841

EVDO - Release 0

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
1013	824.70	0.816	-0.093	0.834
384	836.52	0.831	-0.173	0.865
777	848.31	0.817	-0.195	0.855

EVDO - Revision A

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
1013	824.70	0.809	-0.195	0.846
384	836.52	0.840	-0.155	0.871
777	848.31	0.748	-0.130	0.771

Notes:

- 1) The exact method of extrapolation is $\text{Measured SAR} \times 10^{(-\text{drift}/10)}$. The SAR reported at the end of the measurement process by the DASY4 system can be scaled up by the Power 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 (0.8 mW/g) than SAR limit (1.6 mW/g), thus testing at low & high channel is optional.
- 3) Please see attachments for the detailed measurement data and plots showing the maximum SAR location of the EUT.

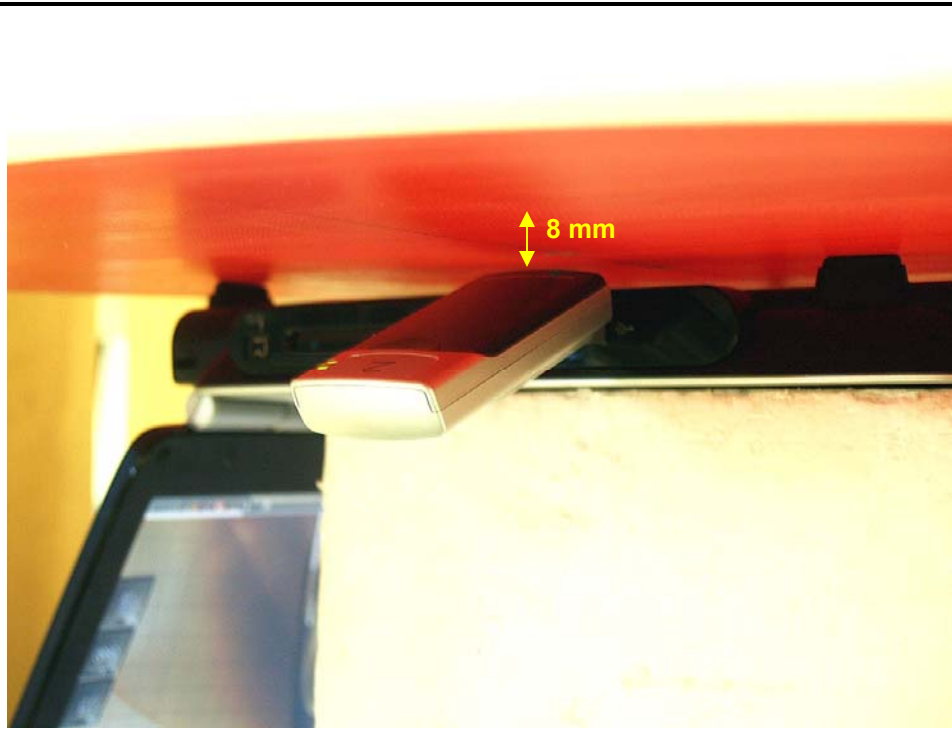
8.1.4 SONY VAIO – VERTICAL

1xEVDO Rel 0 and 1xEVDO Rev A are skipped since SAR values are too low.

1XR TT				
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
1013	824.70	0.061	-0.098	0.063
384	836.52			
777	848.31			

Notes:

- 1) The exact method of extrapolation is $\text{Measured SAR} \times 10^{(-\text{drift}/10)}$. The SAR reported at the end of the measurement process by the DASY4 system can be scaled up by the Power 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 (0.8 mW/g) than SAR limit (1.6 mW/g), thus testing at low & high channel is optional.
- 3) Please see attachments for the detailed measurement data and plots showing the maximum SAR location of the EUT.

8.1.5 TOSHIBA - HORIZONTAL**1XRTT**

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
1013	824.70			
384	836.52	0.708	-0.101	0.725
777	848.31			

EVDO - Release 0

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
1013	824.70			
384	836.52	0.664	-0.159	0.689
777	848.31			

EVDO - Revision A

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
1013	824.70			
384	836.52	0.595	-0.158	0.617
777	848.31			

Notes:

- 1) The exact method of extrapolation is $\text{Measured SAR} \times 10^{(-\text{drift}/10)}$. The SAR reported at the end of the measurement process by the DASY4 system can be scaled up by the Power 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 (0.8 mW/g) than SAR limit (1.6 mW/g), thus testing at low & high channel is optional.
- 3) Please see attachments for the detailed measurement data and plots showing the maximum SAR location of the EUT.

8.1.6 TOSHIBA – VERTICAL

1xEVDO Rel 0 and 1xEVDO Rev A are skipped since SAR values are too low.

**1XRTT**

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
1013	824.70	0.045	0.000	0.045
384	836.52			
777	848.31			

Notes:

- 1) The exact method of extrapolation is $\text{Measured SAR} \times 10^{(-\text{drift}/10)}$. The SAR reported at the end of the measurement process by the DASY4 system can be scaled up by the Power 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 (0.8 mW/g) than SAR limit (1.6 mW/g), thus testing at low & high channel is optional.
- 3) Please see attachments for the detailed measurement data and plots showing the maximum SAR location of the EUT.

8.2 PCS BAND**8.2.1 PANASONIC****1XRTT**

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
25	1851.25	0.933	-0.116	0.958
600	1880.00	0.858	-0.117	0.881
1175	1908.75	0.644	-0.134	0.664

EVDO - Release 0

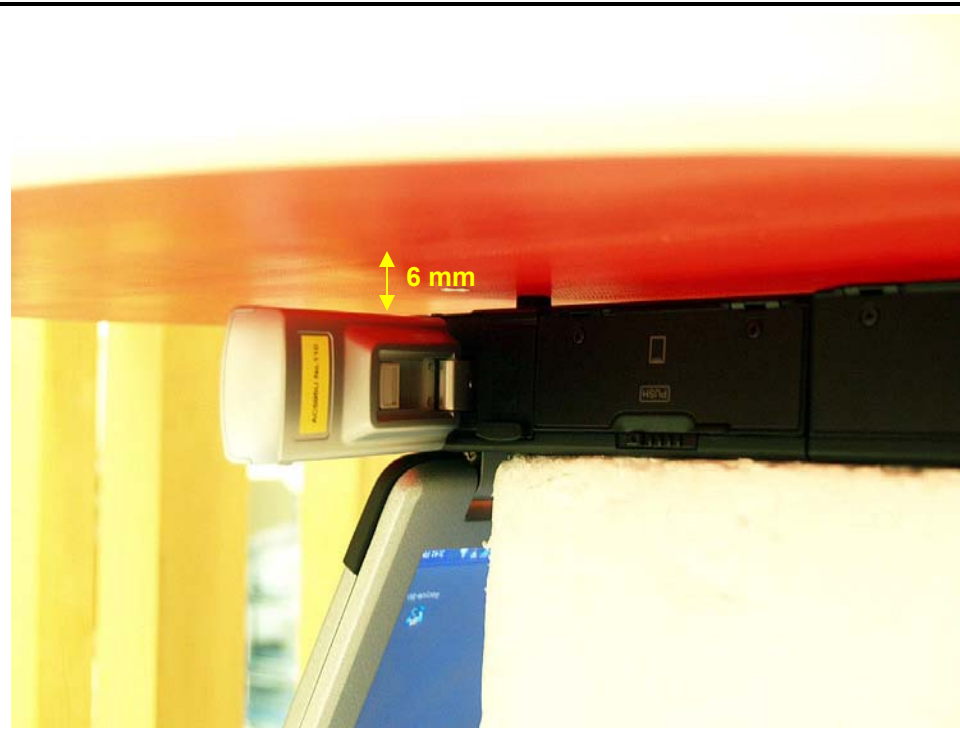
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
25	1851.25	0.834	-0.140	0.861
600	1880.00	1.240	0.000	1.240
1175	1908.75	0.827	-0.129	0.852

EVDO - Revision A

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
25	1851.25	0.903	-0.201	0.946
600	1880.00	0.762	0.000	0.762
1175	1908.75	0.731	-0.106	0.749

Notes:

- 1) The exact method of extrapolation is $\text{Measured SAR} \times 10^{(-\text{drift}/10)}$. The SAR reported at the end of the measurement process by the DASY4 system can be scaled up by the Power 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 (0.8 mW/g) than SAR limit (1.6 mW/g), thus testing at low & high channel is optional.
- 3) Please see attachments for the detailed measurement data and plots showing the maximum SAR location of the EUT.

8.2.2 PANASONIC – SIDE OPEN**1XRTT**

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
25	1851.25	0.511	-0.128	0.526
600	1880.00			
1175	1908.75			

EVDO - Release 0

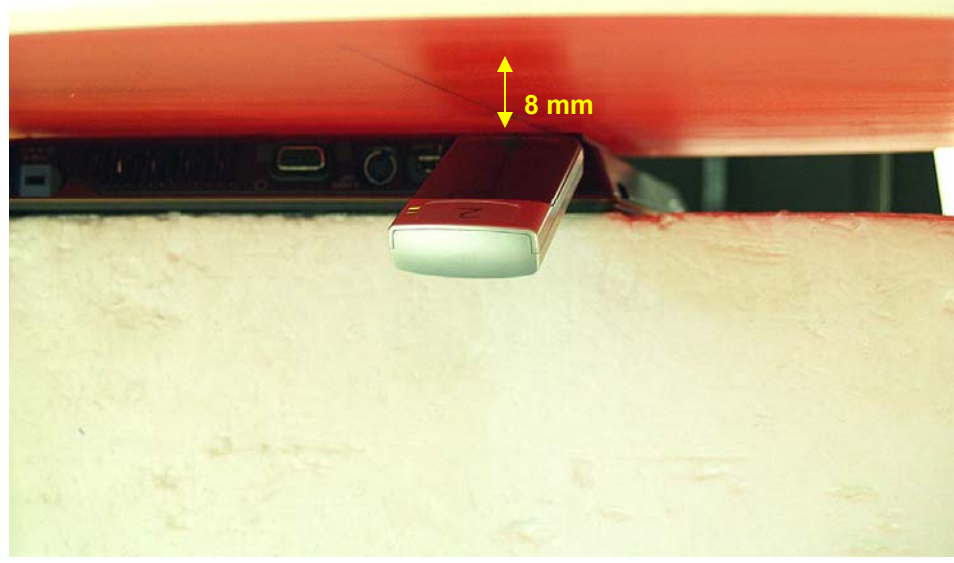
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
25	1851.25	0.517	-0.198	0.541
600	1880.00			
1175	1908.75			

EVDO - Revision A

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
25	1851.25	0.525	0.000	0.525
600	1880.00			
1175	1908.75			

Notes:

- 1) The exact method of extrapolation is $\text{Measured SAR} \times 10^{(-\text{drift}/10)}$. The SAR reported at the end of the measurement process by the DASY4 system can be scaled up by the Power 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 (0.8 mW/g) than SAR limit (1.6 mW/g), thus testing at low & high channel is optional.
- 3) Please see attachments for the detailed measurement data and plots showing the maximum SAR location of the EUT.

8.2.3 SONY VAIO - HORIZONTAL**1XRTT**

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
25	1851.25	0.701	-0.125	0.721
600	1880.00	1.030	-0.157	1.068
1175	1908.75	0.731	-0.102	0.748

EVDO - Release 0

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
25	1851.25	0.658	-0.157	0.682
600	1880.00	0.823	-0.156	0.853
1175	1908.75	0.713	-0.171	0.742

EVDO - Revision A

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
25	1851.25	0.669	-0.112	0.686
600	1880.00	0.974	-0.199	1.020
1175	1908.75	0.589	-0.138	0.608

Notes:

- 1) The exact method of extrapolation is $\text{Measured SAR} \times 10^{(-\text{drift}/10)}$. The SAR reported at the end of the measurement process by the DASY4 system can be scaled up by the Power 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 (0.8 mW/g) than SAR limit (1.6 mW/g), thus testing at low & high channel is optional.
- 3) Please see attachments for the detailed measurement data and plots showing the maximum SAR location of the EUT.

8.2.4 SONY VAIO - VERTICAL**1XRTT**

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
25	1851.25	0.478	-0.139	0.494
600	1880.00			
1175	1908.75			

EVDO - Release 0

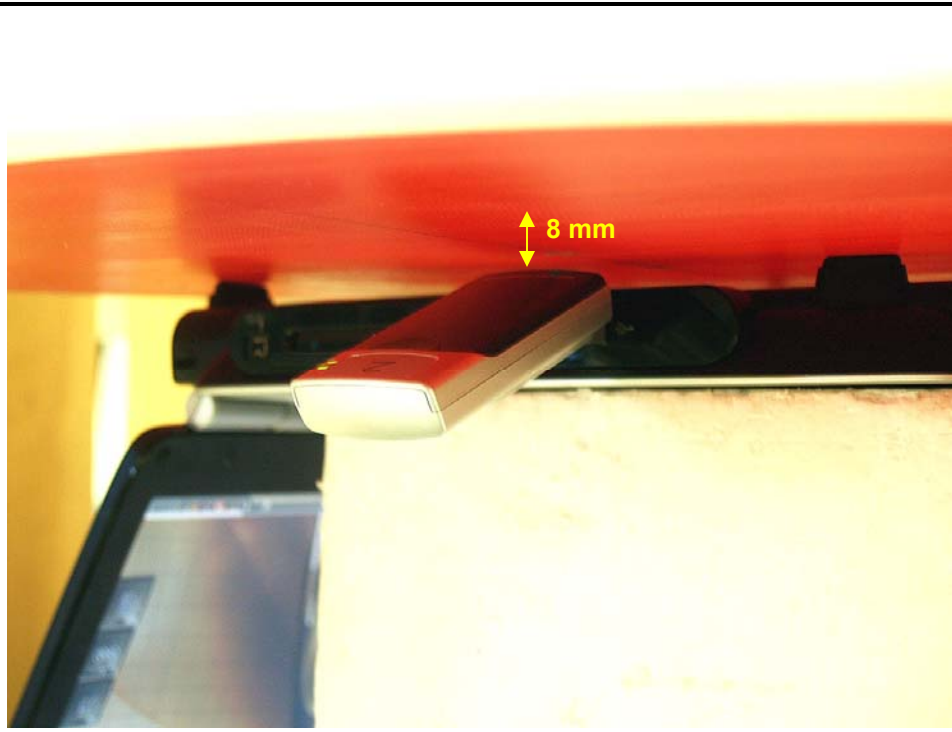
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
25	1851.25	0.467	0.000	0.467
600	1880.00			
1175	1908.75			

EVDO - Revision A

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
25	1851.25	0.481	0.000	0.481
600	1880.00			
1175	1908.75			

Notes:

- 1) The exact method of extrapolation is $\text{Measured SAR} \times 10^{(-\text{drift}/10)}$. The SAR reported at the end of the measurement process by the DASY4 system can be scaled up by the Power 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 (0.8 mW/g) than SAR limit (1.6 mW/g), thus testing at low & high channel is optional.
- 3) Please see attachments for the detailed measurement data and plots showing the maximum SAR location of the EUT.

8.2.5 TOSHIBA - HORIZONTAL**1XRTT**

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
25	1851.25	0.639	-0.175	0.665
600	1880.00	0.926	-0.157	0.960
1175	1908.75	0.589	-0.200	0.617

EVDO - Release 0

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
25	1851.25	0.650	-0.101	0.665
600	1880.00	0.923	-0.173	0.961
1175	1908.75	0.619	-0.107	0.634

EVDO - Revision A

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
25	1851.25	0.674	-0.177	0.702
600	1880.00	0.947	-0.154	0.981
1175	1908.75	0.614	-0.101	0.628

Notes:

- 1) The exact method of extrapolation is $\text{Measured SAR} \times 10^{(-\text{drift}/10)}$. The SAR reported at the end of the measurement process by the DASY4 system can be scaled up by the Power 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 (0.8 mW/g) than SAR limit (1.6 mW/g), thus testing at low & high channel is optional.
- 3) Please see attachments for the detailed measurement data and plots showing the maximum SAR location of the EUT.

8.2.6 TOSHIBA - VERTICAL**1XRTT**

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
25	1851.25	0.220	0.000	0.220
600	1880.00			
1175	1908.75			

EVDO - Release 0

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
25	1851.25	0.226	0.000	0.226
600	1880.00			
1175	1908.75			

EVDO - Revision A

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
25	1851.25	0.232	0.000	0.232
600	1880.00			
1175	1908.75			

Notes:

- 1) The exact method of extrapolation is $\text{Measured SAR} \times 10^{(-\text{drift}/10)}$. The SAR reported at the end of the measurement process by the DASY4 system can be scaled up by the Power 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 (0.8 mW/g) than SAR limit (1.6 mW/g), thus testing at low & high channel is optional.
- 3) Please see attachments for the detailed measurement data and plots showing the maximum SAR location of the EUT.

11 PHOTOS

DUT - AC595U



DUT - AC595U



Panasonic CF-29



Sony Vaio VGN-C140G



Toshiba Satellite P10



12 ATTACHMENTS

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END OF REPORT