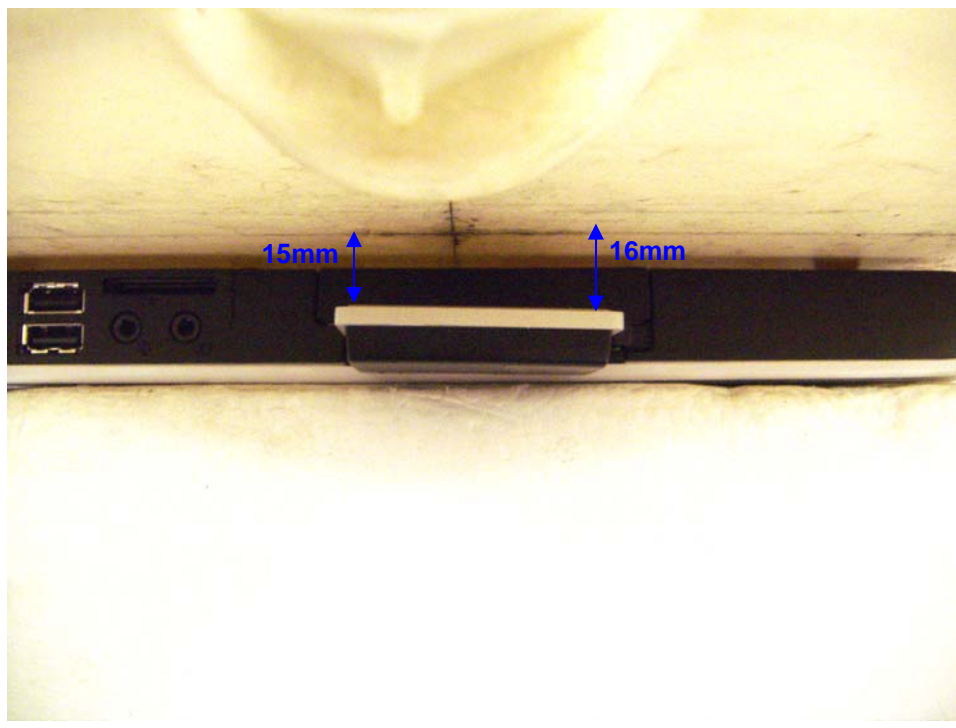


8 SAR RESULTS FOR 2.4GHZ 802.11N CARDBUS

8.1 LAPTOP # 1-DELL INSPIRON 6000



802.11b (1Mbps)

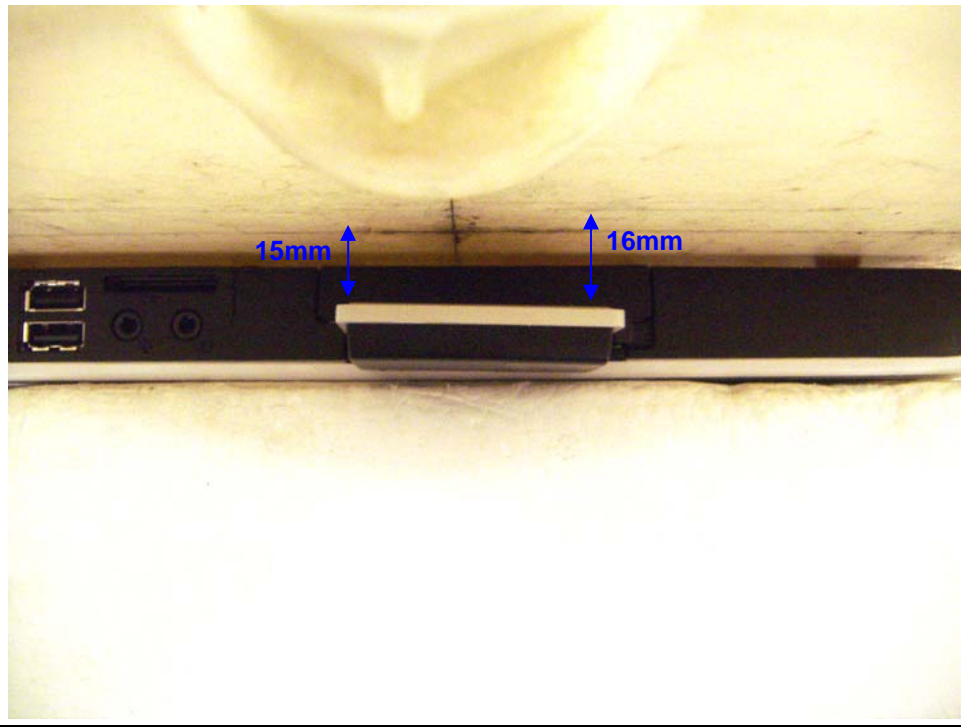
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dBm)	Extrapolated ¹⁾ SAR 1g (mW/g)
1	2412	0.266	0.000	0.266
6	2437	0.857	-0.040	0.865
11	2462	0.571	0.000	0.571
6 ³⁾	2437	0.545	0.000	0.545
6 ⁴⁾	2437	0.353	0.000	0.353

802.11g (6 Mbps)

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dBm)	Extrapolated ¹⁾ SAR 1g (mW/g)
1	2412	0.189	-0.113	0.194
6	2437	0.408	-0.174	0.425
11	2462	0.310	0.000	0.310

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) Please see attachments for the detailed measurement data and plots showing the maximum SAR location of the EUT.
- 3) Power Save Mode when only chain0 is operational. For normal mode, both chain0 and chain2 are operational.
- 4) Power Save Mode when only chain2 is operational. For normal mode, both chain0 and chain2 are operational.



802.11g MIMO 20MHz Operation (6.5 Mbps)

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dBm)	Extrapolated ¹⁾ SAR 1g (mW/g)
1	2412	0.198	0.000	0.198
6	2437	0.428	-0.058	0.434
11	2462	0.289	-0.021	0.290

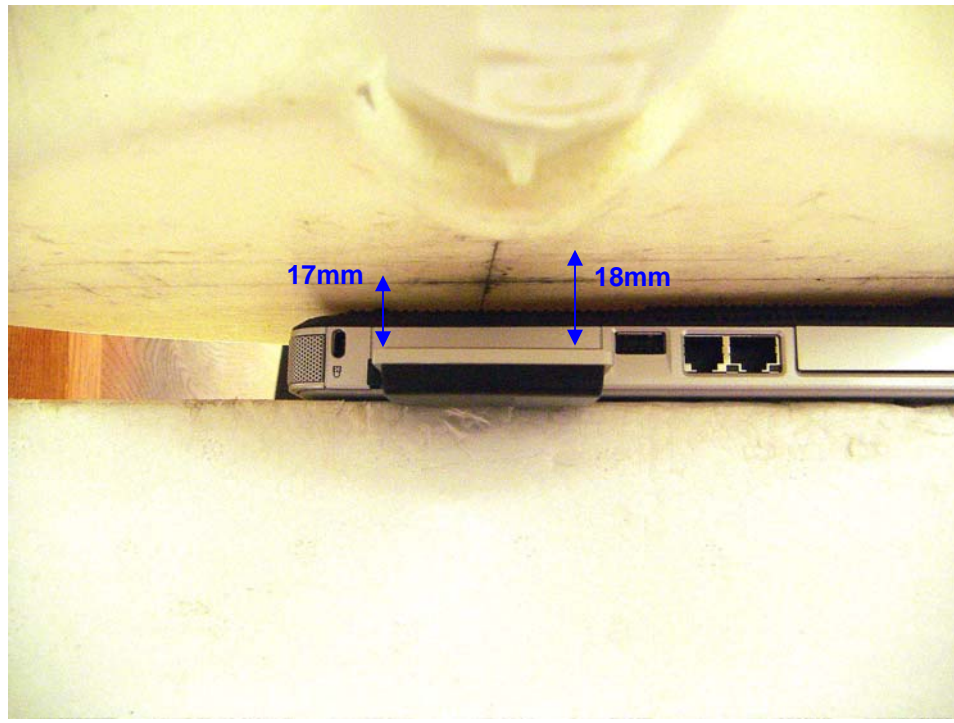
802.11g MIMO 40MHz Operation (13.5 Mbps)

Channel ³⁾	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dBm)	Extrapolated ¹⁾ SAR 1g (mW/g)
1, 5	2422	0.139	-0.085	0.142
4, 8	2437	0.395	-0.021	0.397
7, 11	2452	0.251	0.000	0.251

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) Please see attachments for the detailed measurement data and plots showing the maximum SAR location of the EUT.
- 3) Channel numbers of control & extension channels.

8.2 LAPTOP # 2-COMPAQ PRESARIO V2000



802.11b (1Mbps)

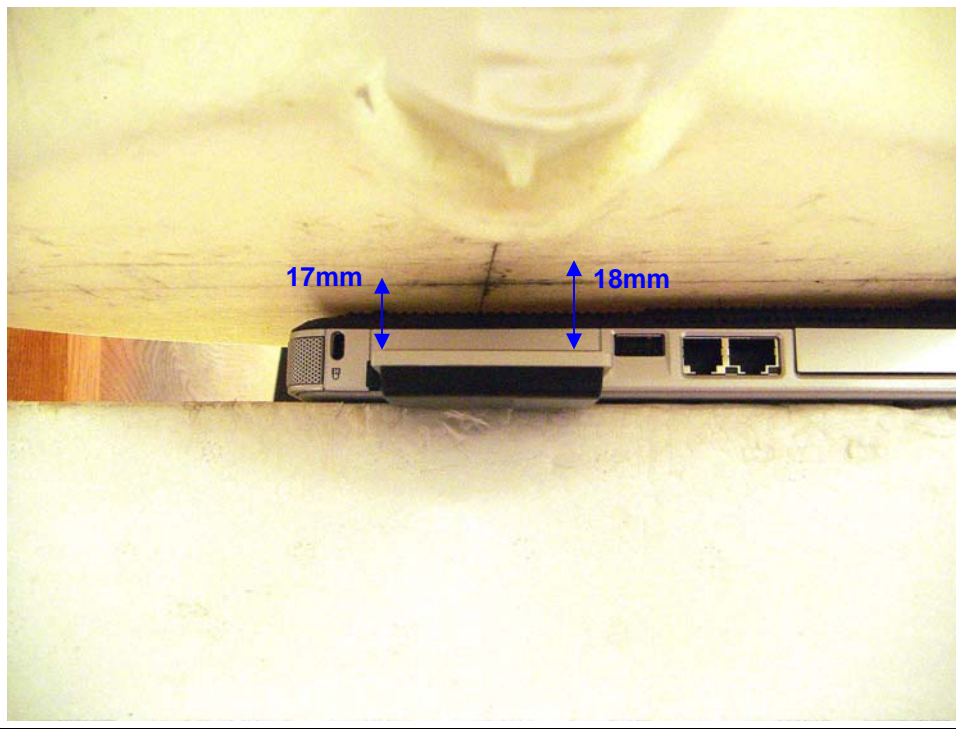
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dBm)	Extrapolated ¹⁾ SAR 1g (mW/g)
1	2412	0.513	-0.082	0.523
6	2437	0.793	-0.148	0.820
11	2462	0.404	-0.069	0.410
6 ⁴⁾	2437	0.379	0.000	0.379
6 ⁵⁾	2437	0.265	0.000	0.265

802.11g (6 Mbps)

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dBm)	Extrapolated ¹⁾ SAR 1g (mW/g)
1	2412			
6	2437	0.411	-0.124	0.423
11	2462			

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 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.
- 4) Power Save Mode when only chain0 is operational. For normal mode, both chain0 and chain2 are operational.
- 5) Power Save Mode when only chain2 is operational. For normal mode, both chain0 and chain2 are operational.



802.11g MIMO 20MHz Operation (6.5 Mbps)

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dBm)	Extrapolated ¹⁾ SAR 1g (mW/g)
1	2412	0.460	-0.104	0.471
6	2437			
11	2462			

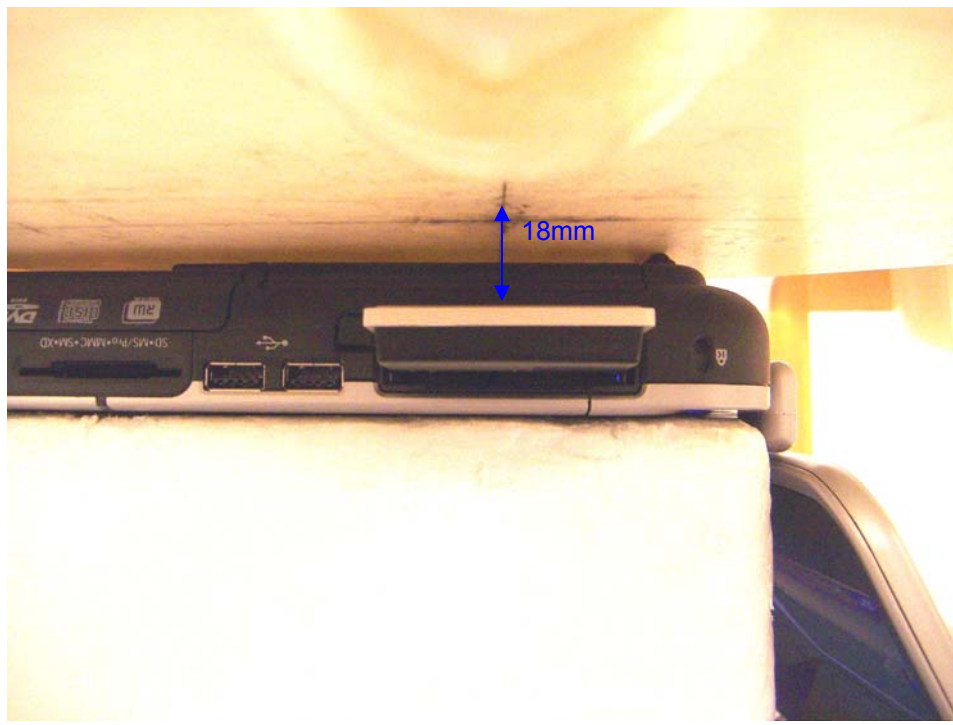
802.11g MIMO 40MHz Operation (13.5 Mbps)

Channel ⁴⁾	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dBm)	Extrapolated ¹⁾ SAR 1g (mW/g)
1, 5	2422	0.330	-0.159	0.342
4, 8	2437			
7, 11	2452			

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.
- 4) Channel numbers of control & extension channels.

8.3 LAPTOP # 3-HP PAVALION ZV6000



802.11b (1Mbps)

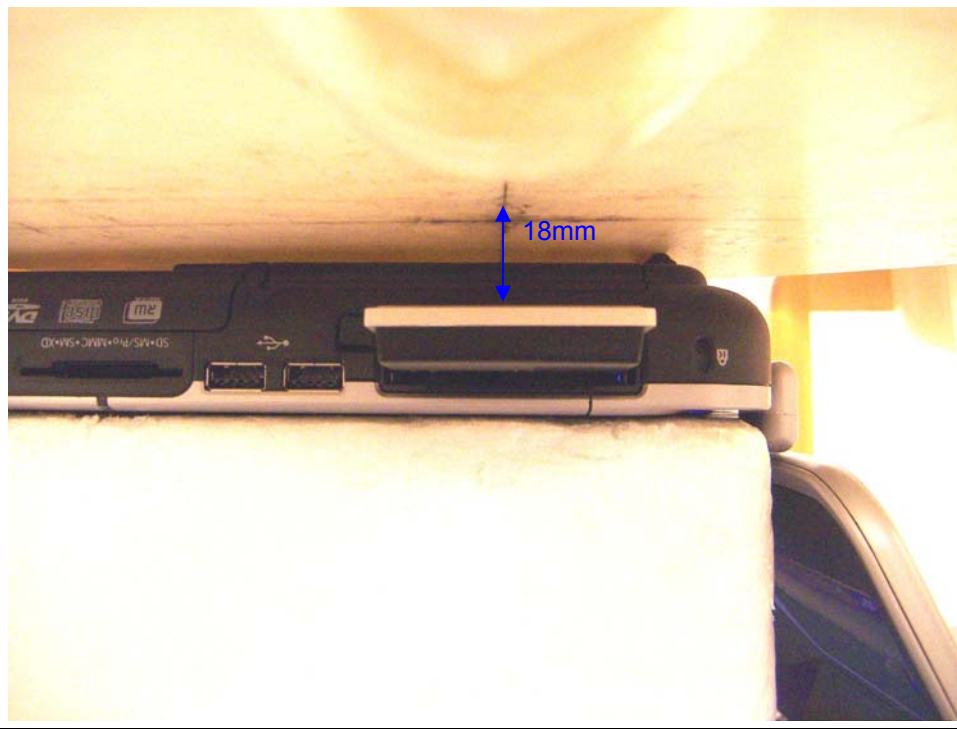
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dBm)	Extrapolated ¹⁾ SAR 1g (mW/g)
1	2412	0.757	0.000	0.757
6	2437	0.846	0.000	0.846
11	2462	0.771	0.000	0.771
6 ⁴⁾	2437	0.475	0.000	0.475
6 ⁵⁾	2437	0.301	0.000	0.301

802.11g (6 Mbps)

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dBm)	Extrapolated ¹⁾ SAR 1g (mW/g)
1	2412			
6	2437	0.479	-0.037	0.483
11	2462			

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.
- 4) Power Save Mode when only chain0 is operational. For normal mode, both chain0 and chain2 are operational.
- 5) Power Save Mode when only chain2 is operational. For normal mode, both chain0 and chain2 are operational.



802.11g MIMO 20MHz Operation (6.5 Mbps)

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dBm)	Extrapolated ¹⁾ SAR 1g (mW/g)
1	2412	0.489	-0.054	0.495
6	2437			
11	2462			

802.11g MIMO 40MHz Operation (13.5 Mbps)

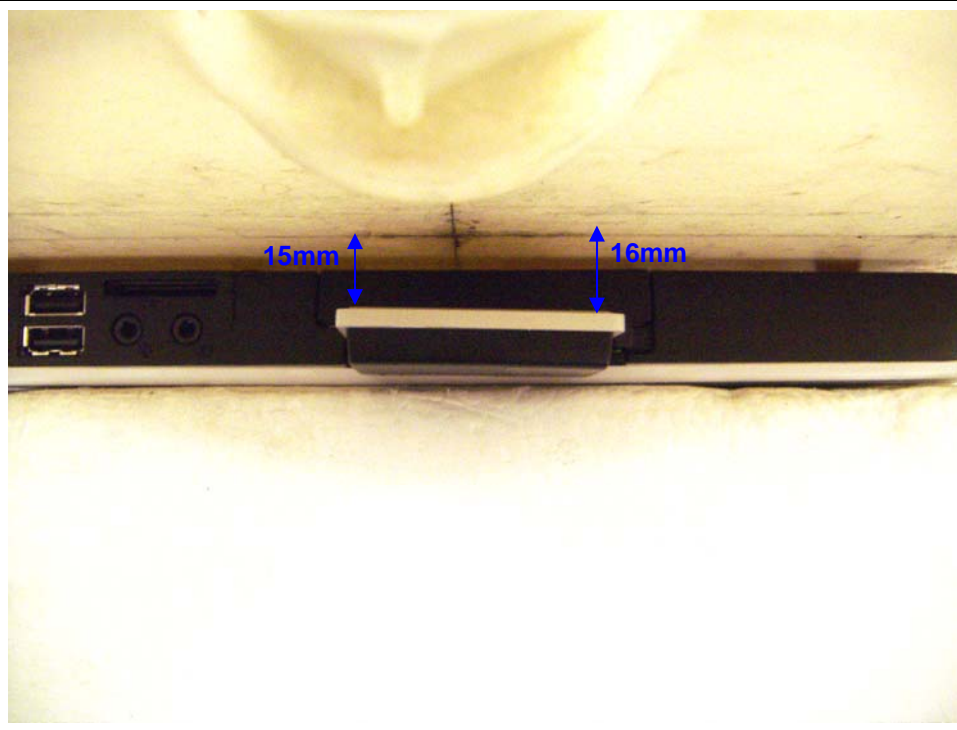
Channel ⁴⁾	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dBm)	Extrapolated ¹⁾ SAR 1g (mW/g)
1,5	2422	0.400	-0.0707	0.407
4,8	2437			
7,11	2452			

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.
- 4) Channel numbers of control & extension channels.

9 SAR RESULTS FOR 2.4GHZ 802.11N CARDBUS WITH ALTERNATE HOUSING

9.1 LAPTOP # 1-DELL INSPIRON 6000



802.11b (1Mbps)

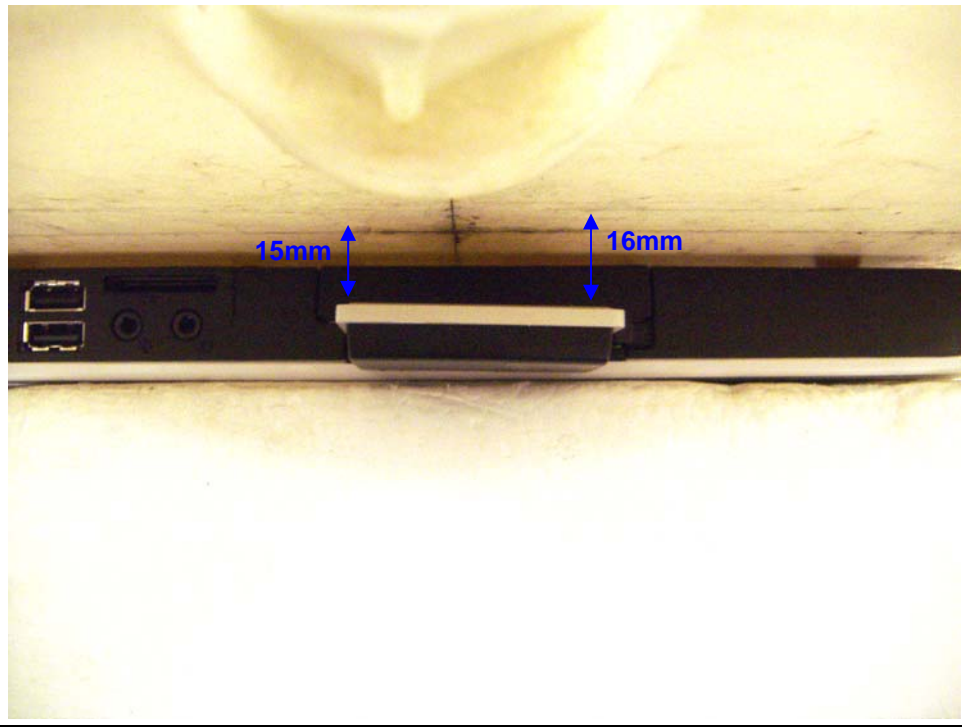
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dBm)	Extrapolated ¹⁾ SAR 1g (mW/g)
1	2412	0.534	-0.196	0.559
6	2437	0.747	-0.208	0.784
11	2462	0.531	-0.151	0.550
6 ³⁾	2437	0.438	0.000	0.438
6 ⁴⁾	2437	0.410	-0.030	0.413

802.11g (6 Mbps)

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dBm)	Extrapolated ¹⁾ SAR 1g (mW/g)
1	2412			
6	2437	0.348	-0.039	0.351
11	2462			

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) Please see attachments for the detailed measurement data and plots showing the maximum SAR location of the EUT.
- 3) Power Save Mode when only chain0 is operational. For normal mode, both chain0 and chain2 are operational.
- 4) Power Save Mode when only chain2 is operational. For normal mode, both chain0 and chain2 are operational.



802.11g MIMO 20MHz Operation (6.5 Mbps)

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dBm)	Extrapolated ¹⁾ SAR 1g (mW/g)
1	2412	0.451	-0.193	0.471
6	2437			
11	2462			

802.11g MIMO 40MHz Operation (13.5 Mbps)

Channel ³⁾	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dBm)	Extrapolated ¹⁾ SAR 1g (mW/g)
1, 5	2422	0.285	-0.073	0.290
4, 8	2437			
7, 11	2452			

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) Please see attachments for the detailed measurement data and plots showing the maximum SAR location of the EUT.
- 3) Channel numbers of control & extension channels.