

**12 SAR MEASUREMENT RESULTS**

**12.1 2.4 GHz Band – Tested with WNC antenna**

**Note:** The modes with highest output power were chosen for the testing below.



Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
<b>802.11b mode - WNC Main Antenna</b>				
6	2437	0.033	-0.191	0.034
<b>802.11b mode - WNC AUX Antenna</b>				
6	2437	0.044	0.000	0.044
<b>802.11n HT20 mode - WNC Antenna</b>				
6	2437	0.007	0.000	0.007

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.

**12.2 5 GHz Bands – Tested with Yageo antenna**

**Note:**

- 1) The modes with highest output power were chosen for the testing below.
- 2) The main antenna was not tested for the 5.2 GHz Band due to very low SAR result from the AUX antenna



Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
<b>802.11a mode - 5.2 GHz Band AUX Antenna</b>				
40	5200	0.001	-0.252	0.001
<b>802.11a mode - 5.3 GHz Band Main Antenna</b>				
60	5300	0.007	0.000	0.007
<b>802.11a mode - 5.3 GHz Band AUX Antenna</b>				
60	5300	0.010	0.000	0.010
<b>802.11n HT40 mode 5.5 GHz Band Yageo Antenna</b>				
118	5590	0.020	0.000	0.020
<b>802.11n HT20 mode 5.8 GHz Band - Yageo Antenna</b>				
157	5785	0.043	0.000	0.043

**Notes:**

- 1) The exact method of extrapolation is Measured SAR x 10<sup>^(-drift/10)</sup>. 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.

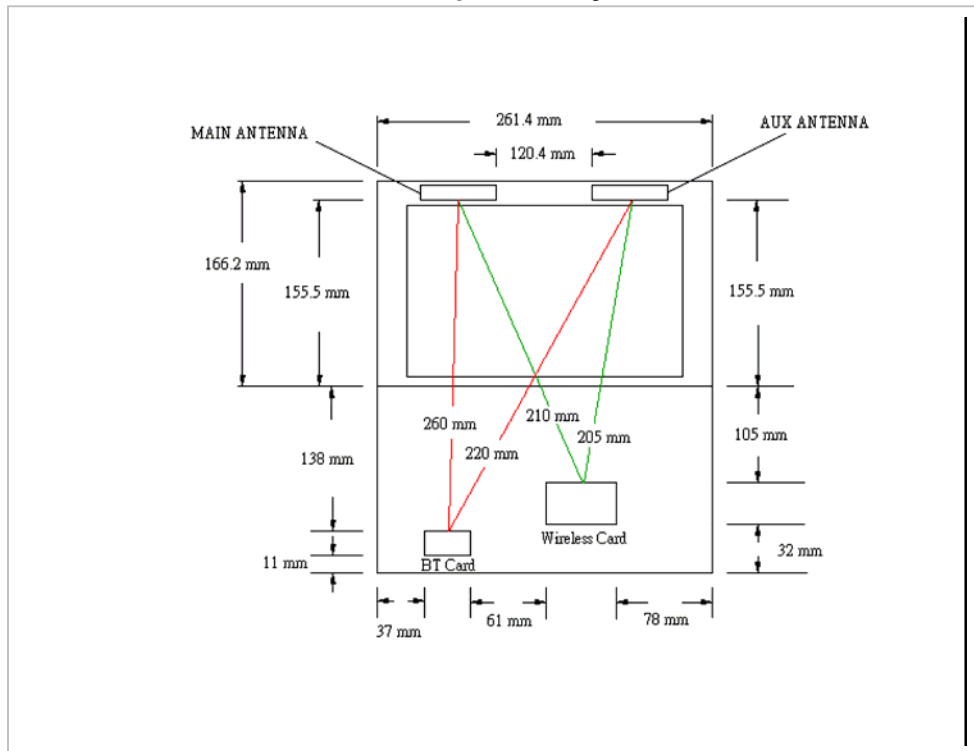
14 PHOTOS

15 PHOTOS

Host device: HP Galileo, Model: HSTNN-I46C



Antenna Location provided by manufacturer



END OF REPORT