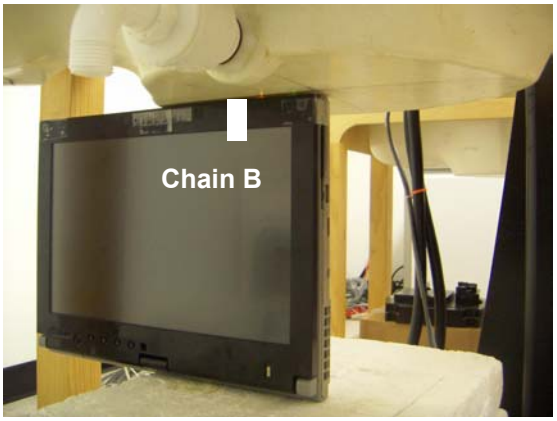
8 SAR MEASURMENT RESULTS

Since the EUT was installed in the same host laptop and used the same antenna as the previous CCS report 07U11378-8, therefore the following test positions and modes were all chosen based on the worst-case results from the previous report. The modes were also chosen based on the higher output power.

8.1 2.4 GHZ BAND

8.1.1 SECONDARY LANDSCAPE



Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated[1] SAR 1g (mW/g)
802.11b 2.4 GHz Chain A (Main)				
6	**2437**	**0.315**	**0.000**	**0.315**
6[4]	**2437**	**0.319**	**0.000**	**0.319**
802.11b 2.4 GHz Chain B (Sub-A)				
6	2437	0.235	0.000	0.235
802.11g 2.4 GHz Chain A (Main)				
6	2437	0.057	0.000	0.057
802.11g 2.4 GHz Chain B (Sub-A)				
6	2437	0.045	-0.023	0.045

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) Collocation with Bluetooth module

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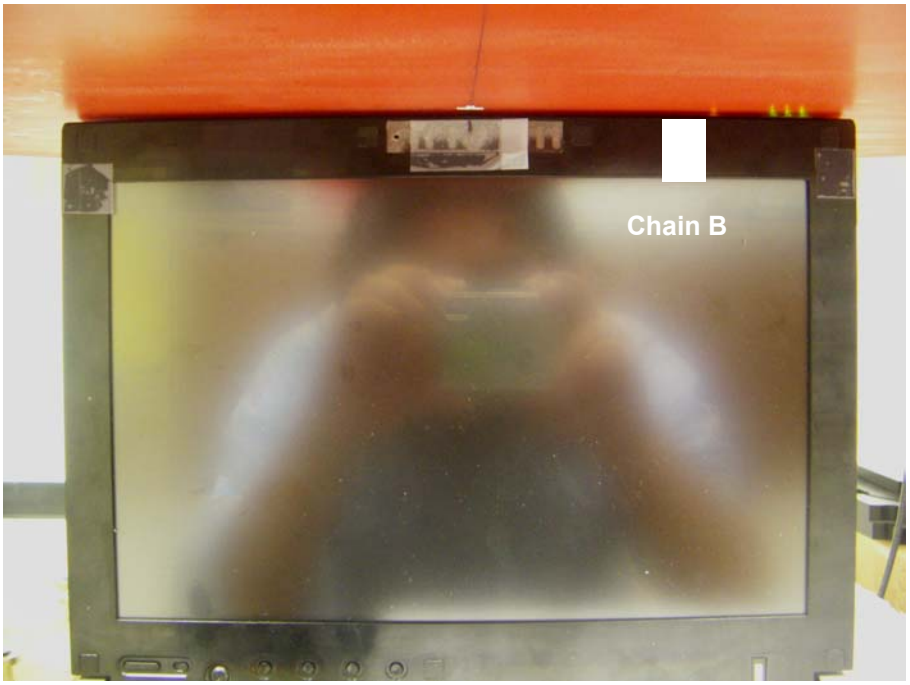
8.2 5.2 GHZ BAND

8.2.1 SECONDARY LANDSCAPE



802.11a 5.2 GHz Chain B (Sub-A)

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated[1)] SAR 1g (mW/g)
36	5180	1.010	0.000	1.010
52	**5260**	**1.200**	**0.000**	**1.200**
64	5320	0.829	-0.100	0.848
52[4)]	**5260**	**1.180**	**0.000**	**1.180**

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) Collocation with Bluetooth module.

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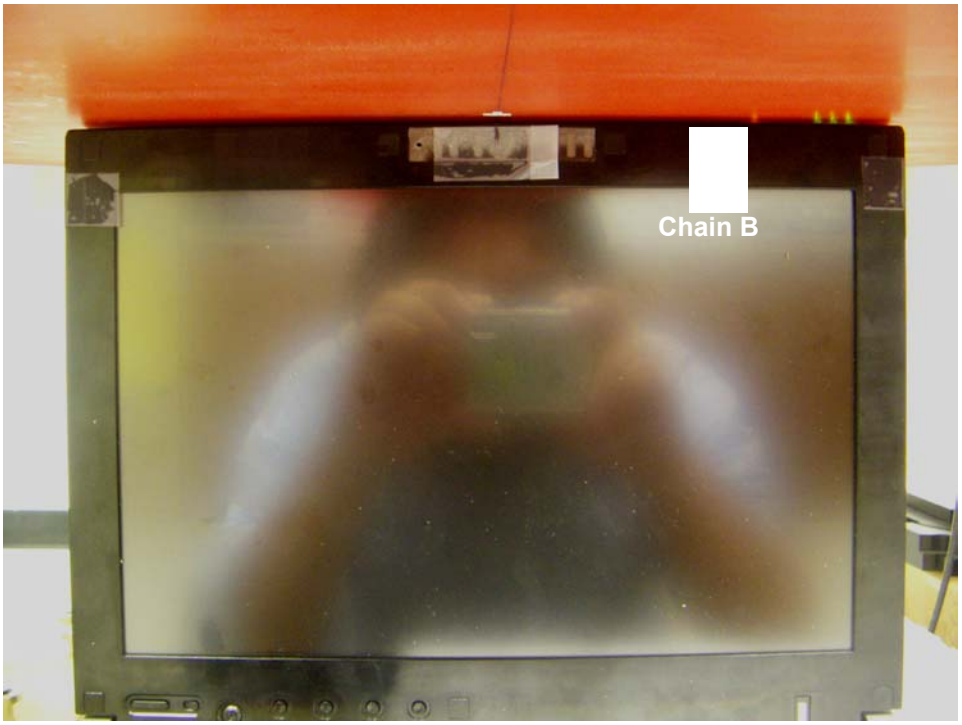
8.3 5.8 GHZ BAND

8.3.1 SECONDARY LANDSCAPE



802.11a 5.8 GHz Chain B (Sub-A)

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated[1)] SAR 1g (mW/g)
149	5745	0.853	-0.062	0.865
157	5785	1.540	0.000	1.540
165	**5825**	**1.560**	**0.000**	**1.560**
165[4)]	**5825**	**1.540**	**0.000**	**1.540**

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) Collocation with Bluetooth module

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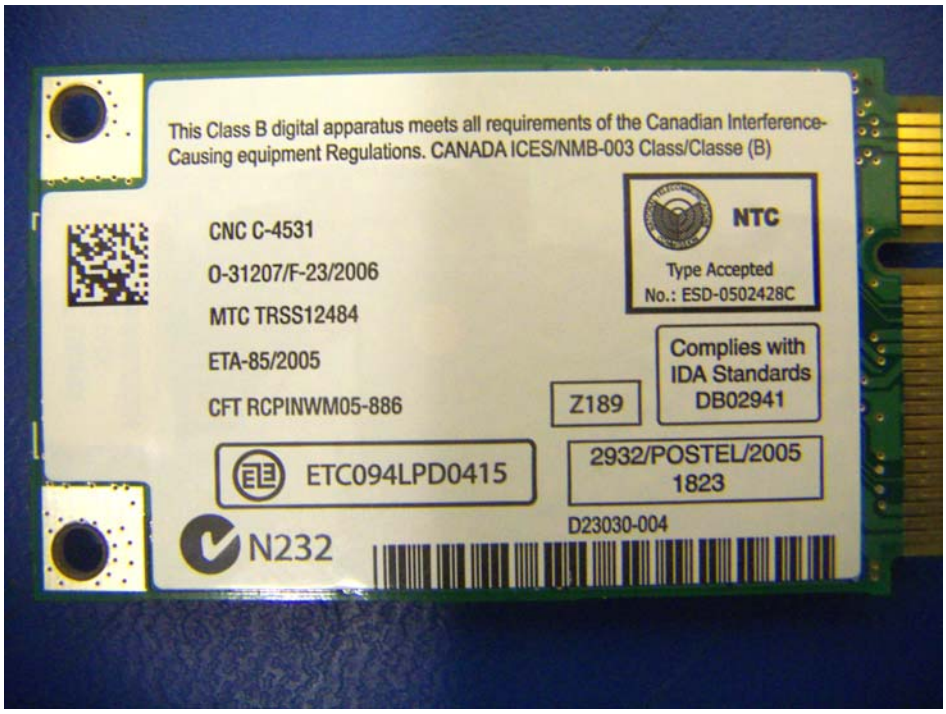
11 PHOTOS

EUT



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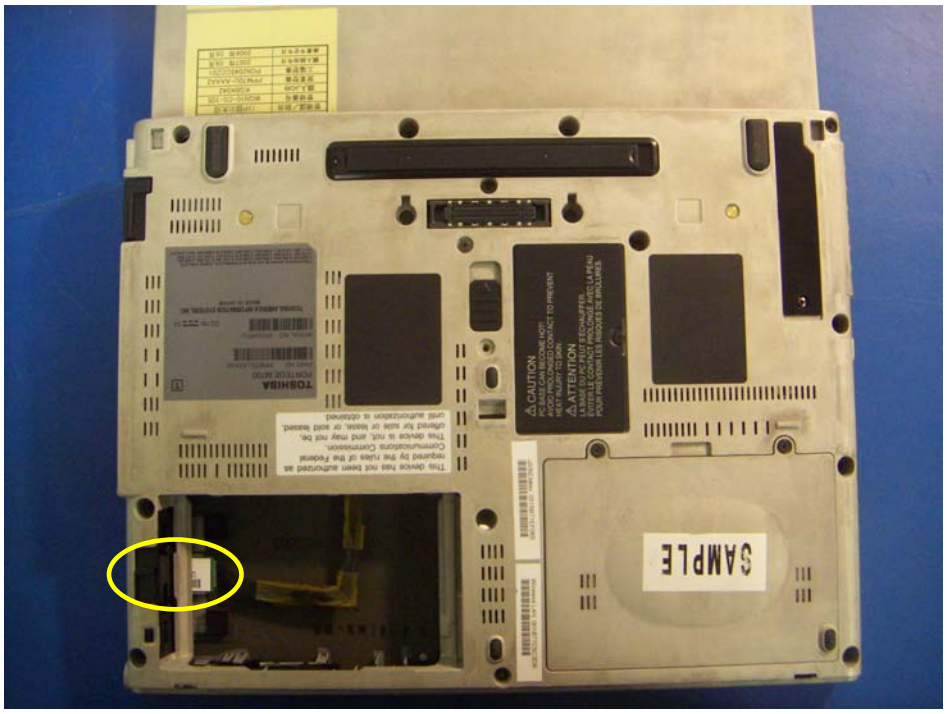
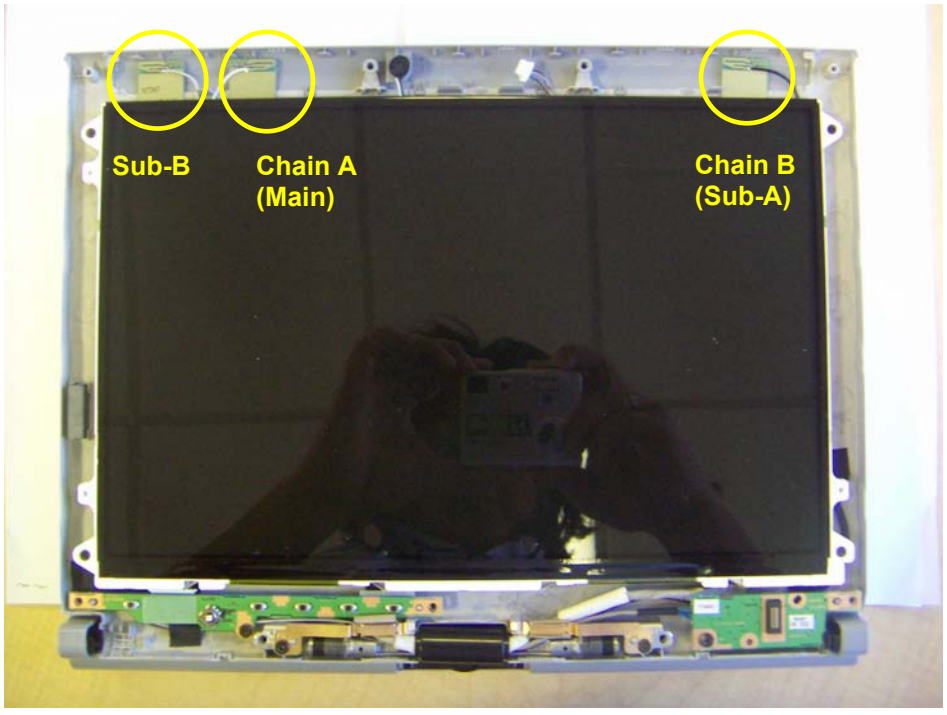
Bluetooth Module Location



Antenna Location



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