ST5010 (OCAMPA) and ST5011 (OCAMPA2) Comparison
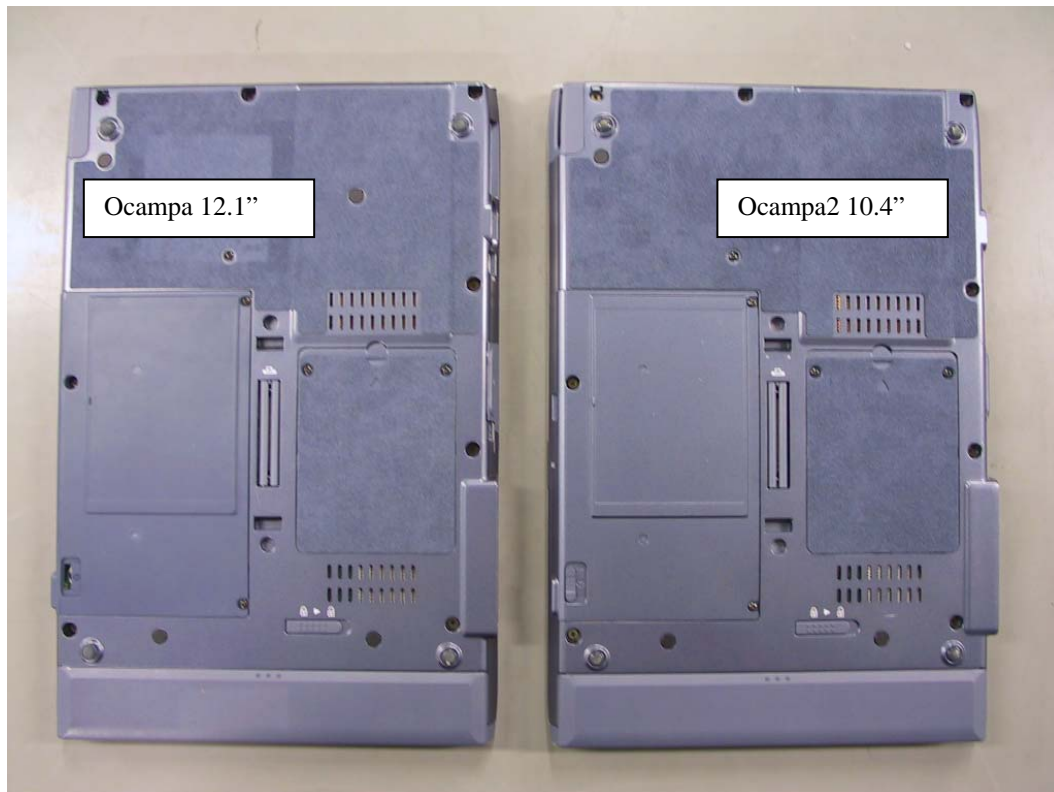
And FCC Ruling

Canada ID: 337J-WL0005 and FCC ID: EJE-WL0005

Ocampa and Ocampa2 are Host Pentablets for Mini-PCI WLAN module (Calexico2)

Parameter	OCAMPA	OCAMPA2
Model:	ST5010	ST5011
CPU	1 GHz	1 GHz
LCD Screen	12.1"	10.4"
All Other Parameters	SAME	
WLAN Module	SAME Calexico2 (Model: WM3B2200BG)	
Antenna	SAME Monopole YCE 5008	
Antenna Location	SAME	
All Radio Parameters	SAME	

Ocampa 12.1"

Ocampa2 10.4"

Email correspondence between FCC and Fujitsu to declare Ocampa (ST5010) and Ocampa2 (ST5011) with no additional SAR/Radio tests for the 2nd model.

Please see Case2 below:

From: Rao, Praveen [mailto:Praveen.Rao@fujitsu.com.au]
Sent: Wednesday, January 07, 2004 9:07 PM
To: Tim Harrington; aaron
Cc: Chris Zombolas; donna@emctech.com.au; Joe Dichoso; Bette Taube; Rich Fabina
Subject: RE: Question

Thanks Tim,
CC: Joe, Bette and Rich

What we discussed a few weeks ago was different and your answer concurs in both cases.

Anyway, I have summarised all the scenarios below and from all the discussions I believe the following submissions will be OK. Please confirm.

Case 1: With 2 identical Host units (Mace and Mace2--Swivel Screen laptop) with identical transmitters, difference in host units being the CPU speed ONLY

This will be a new submission (New FCC ID). We prefer 'Product approval' instead of LMA as there are only 2 models with very minimum difference only in the host.

WLAN testing: FCC Pt 15E (U-NII) and SAR tested with MACE.
FCC DOC will be submitted for both Mace and Mace2
Certificate to state Mace and Mace2 models as 'Product approvals'.

Case 2: With 2 identical Host units with identical transmitters, difference in host units being the Tablet LCD screen size ONLY.

The original host unit with 12.1" LCD screen application is currently being reviewed by FCC. Applied on 24th Oct 03. FCC ID: EJE-WL0004

The new host unit is with 10.4" LCD screen. The transmitters, Antenna, power, host CPU speed.........everything else is identical.

Since the original application is still under review, can we submit a declaration letter to FCC now to add the model numbers of the 10.4" LCD screen to be part of the original application. And hence the certificate to state both LCD screen type models.

Regards,
Praveen

-----Original Message-----
From: Tim Harrington [mailto:Tim.Harrington@fcc.gov]
Sent: Wednesday, January 14, 2004 10:32 AM
To: Rao, Praveen; aaron
Cc: Chris Zombolas; Joe Dichoso; Tim Harrington
Subject: RE: Question

Hello All

For both Cases: SAR test in one version apply for same card and antennas in the other version, if filing includes internal photos/details to show that antenna surroundings are the same. Due to different microproc. in Case 1 and LCD in Case2, each version needs its own EMC evaluations.

DoC (or additional certification application) also needed for Case 2 versions.

Two versions under each FCC ID is OK - if card later used in other versions needs new certification (not Class II permissive change).

Other assumptions - let me know if not true:
1) end-user does not install card
2) laptop will always be marketed with card installed

Present filing user manual says card is option on ST5000D - in that case filing needs details of how card is installed to ensure 15.203, 15.204, 15.407(d) compliance, and for these may need Limited Modular Approval, BIOS lock, etc.

Let me know if more comments or questions.

Best Regards
Tim Harrington

-----Original Message-----
From: Rao, Praveen
Sent: Wednesday, January 14, 2004 10:07 PM
To: 'Tim Harrington'; aaron
Cc: Chris Zombolas; Joe Dichoso; 'donna@emctech.com.au'
Subject: RE: Question

Hi Tim,

Thank you very much for your timely response.

As requested, we will prepare the following information and upload this report as part of the current Ocampa application that FCC is assessing.

The report will include a covering letter to add Ocampa2 model (10.4" LCD version) as part of this approval (EJE-WL0004).
Please let me know if we need to reference this discussion with you.

1. In addition to the photos showing comparison that I emailed yesterday, we will also ensure that the filing includes internal photos/details to show that antenna surroundings are the same.
2. Present filing user manual says card is option on ST5000D - in that case filing needs details of how card is installed to ensure 15.203, 15.204, 15.407(d) compliance, and for these may need Limited Modular Approval, BIOS lock, etc. We will clarify this.

Your 2 assumptions in your email are correct.

We will also ensure to test the new 10.4" LCD version (Ocampa2) for FCC Pt15B and approve by DoC method.

Thanks once again.

Regards,
Praveen

From: Rao, Praveen [mailto:Praveen.Rao@fujitsu.com.au]
Sent: Thursday, January 15, 2004 5:52 PM
To: Tim Harrington
Cc: donna@emctech.com.au
Subject: RE: Question

Hi Tim,

Please advise if you want us to just upload the requested information for 10.4" LCD version.

Regarding the User manual question, this is common user manual for the ST series but we understand that this certification (EJE-WL0004) is only for models ST5010D (12.1" LCD) and ST5011D (10.4" LCD).

Regards,
Praveen

-----Original Message-----
From: Tim Harrington [mailto:Tim.Harrington@fcc.gov]
Sent: Friday, 16 January 2004 10:12 AM
To: Rao, Praveen
Cc: donna@emctech.com.au; Tim Harrington
Subject: RE: Question

That should be OK to simply upload a cover letter with antenna location info, also could include my Jan14 email (don't need whole thread)

Antenna Location Photos

Ocampa 12.1" Model and 10.4" Model Antenna A location

Ocampa 12.1" Model and 10.4" Model Antenna B location