

Hi Mike,

Attached is a description of the system and what follows is Rich Fabina email to them and summaries of discussion with FCC.

I'll be in the office today if you have questions or wish to discuss.

Thanks for your help with this and with the modular items Mike.

best regards

Tom

>X-Original-To: tom@tncokenias.org
>Delivered-To: tom@ethra2.cokenias.org
>Subject: MA-850 approval process- FCC contacts
>Date: Tue, 22 Jun 2004 19:39:42 +0300
>Thread-Topic: MA-850 approval process- FCC contacts
>Thread-Index: AcRYBTAUSrap7ZhUSxqmkptyvITiCAAcOnpw
>From: "Yair Shapira" <Yairs@mobileaccess.com>
>To: "Tom Cokenias" <tom@tncokenias.org>
>Cc: "Shay Simchon" <Shais@mobileaccess.com>
>X-Spam-Checker-Version: SpamAssassin 2.63-1.2 (2004-01-11) on
> ethra2.cokenias.org
>X-Spam-Level:
>X-Spam-Status: No, hits=-4.6 required=6.5 tests=BAYES_00,HTML_60_70,
> HTML_FONTCOLOR_UNKNOWN,HTML_MESSAGE autolearn=no version=2.63-1.2
>Status: R0
>
>Tom,
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>Per our call earlier, following please find some references for the
>discussions we had with the FCC regarding the approval of the MA850.
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>
>Regards
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>
>Yair Shapira
>
>VP Research and Development
>
>MobileAccess Ltd.
>
>Office : 972-8-9183888
>
>Mobile: 972-53-275573
>
>Email: yairs@MobileAccess.com
>
>Website: <<http://www.mobileaccess.com/>>[http:\\www.MobileAccess.com](http://www.MobileAccess.com)

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>Summary of a meeting with FCC officers regarding the approval
>procedure of the MA 850
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>Date: 14 May 2004
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>FCC Attendees: Alan Scrim: Chief Policy and Rules Division
>
>                Rich Fabina, Chief of Equipment Auth Branch
>
>                Rashmi Doshi, Lab Director (above Rich's not
>sure exact title)
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>Mobile Access: Jeff Kunst VP product management
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>Rich Fabina is the main person that we will need to work with on
>this project will be our point of contact when the testing is
>complete and ready to be submitted.
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>
>Rich Fabian felt that it will be ok to leave the approval for the
>type-2 system (MA-1000) alone because it is not approved with an
>antenna anyway and that he only cares about the type-2 system
>relative to any additional intermodulations that might be created
>when combining with the type-15 (MA-850). Although he understands
>that nothing occur here due to high isolation and passive nature of
>the triplexer, but he wants to see the test reports showing that
>this is the case.
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>They did not seem concerned about the b/g ports being empty since
>there was no way to send more than 100mw to each port and even the
>total is less than the 1w allowed.
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>Conclusions:
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>- The MA-850 needs to be tested in multiple configurations
>to show normal operation and worst case
>
>0 1,2,3,4 b/g ports operating with both 4 "a" ports blocked.
>
>0 They would like to see a separate set of tests with the
>CELLULAR/PCS ports operating so that they can see that there is no
>impact on these signals as they radiate simultaneously out of the
>antenna.
>
>- Need to submit data on the triplexer characteristics from
>testing. It is important that we prove that all ports are frequency
>limited with filters and that there is strong isolation between
>themŠand, of course, that there is no impact on the cellular signals
>that pass through.
>
>- Need to insure we are careful on the "a" portsŠnow we
>need some kind of factory installed cover on the "a" ports.
>
>- The test report submitted needs to be augmented with the
>cellular dataŠIt can be put in an appendix since it is not really
>relevant to the type-15 testing. The Type-2 FCC IDs should be
>referenced in this part of the report
>
>- Before we send the report in, we should notify Rich
>Fabina that it is coming. We can contact him directly if we have
>questions about what to test (or not to test).
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>Later Correspondence with Rich Fabina
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>-----Original Message-----
>From: Rich Fabina [mailto:Rich.Fabina@fcc.gov]
>Sent: Friday, June 04, 2004 1:57 PM
>To: Jeff Kunst
>Cc: Joe Dichoso
>Subject: RE: MobileAccess Networks: Question about approval process
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>Jeff,
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>If you want the grant quickly, you will have to go to a TCB for

>Certification. Our processing backlog indicates that we will not
>review an application for Certification until 45 days after it is
>received at the Lab. If we have questions on the application, they
>will have to be answered before we can issue the grant of
>Certification. This process can currently take in excess of 60 days.

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>I cannot recommend one TCB over another and remain impartial.
>However, I suggest you ask a prospective TCB how many applications
>for this Rule Part that they have processed. Alternatively, you can
>look on the database at
><<http://www.fcc.gov/oet/fccid>>www.fcc.gov/oet/fccid under the
>equipment class or Rule Part that the application will be filed to
>see who has done the most applications of this type. If I remember
>correctly, this is a Part 24 device that will be filing under
>equipment class PCB.

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>The TCB you ultimately choose can certainly contact myself or Mr.
>Joe Dichoso to ask questions that they may have when processing this
>application.

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>I trust that this has responded to this inquiry.

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>Thanks,

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>Rich

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>-----Original Message-----

>From: Jeff Kunst [mailto:jkunst@mobileaccess.com]

>Sent: Tuesday, June 01, 2004 6:06 PM

>To: Rich Fabina

>Cc: Yair_Shapira

>Subject: MobileAccess Networks: Question about approval process

>

>Rich,

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>

>Hello. First I want to again say thanks for your time several days
>ago when you met with us to consult about the testing required to
>smooth out the approval process for the new MobileAccess equipment
>that allows the convergence of Wi-Fi and Cellular systems indoors.
>I am contacting you now to request your advice on the submission of
>the test results on our converged Wi-Fi/Cellular in-building
>wireless equipment.

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>We are now entering a local lab in Israel for the required FCC
>testing of the equipment and wanted to get your opinion on how to

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>submit the test report. We normally submit the test results to a
>TCB for approval, but I wonder if it will be difficult for the TCB
>to get a quick approval since this product is unique. Based upon
>our "normal" FCC approval process and your comments during our
>meeting we see two possible options for submission:
>
>1) Submit to our normal TCB such as MetLabs or Compliance
>Certification Service Lab and contact you with questions directly
>when needed (is there a particular TCB that you would recommend over
>others?)
>
>2) Submit the test results to the FCC directly since you are
>familiar with this unique product configuration after our meeting
>several days ago
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>As we would like to get the approval as quickly and smoothly as
>possible, we would greatly appreciate your recommendation on which
>path to follow.
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>Thank you very much for your assistance.
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>Best regards,
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>-Jeff
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>*****
>
>Jeff Kunst
>
>VP, Marketing
>
>MobileAccess Networks
>Wired: 703-584-3303
>UnWired: 703-969-1257
>
>Fax: 703 848-0280
><mailto:jkunst@mobileaccess.com>jkunst@mobileaccess.com
><http://www.mobileaccess.com>www.mobileaccess.com
>
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>
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>
>Content-Type: image/jpeg;
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> name="image001.jpg"
>Content-ID: <image001.jpg@01C45890.A9B9AF70>
>Content-Description: image001.jpg
>Content-Location: image001.jpg