

Helen Zhao

Subject: FW: IPOne Inc., FCC ID: RV5AIRGATE5031, Assessment NO.: AN05T4480, Notice#2



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From: Y. G. Gwon
Sent: Tuesday, January 25, 2005 4:28 AM
To: Helen Zhao
Subject: Re: IPOne Inc., FCC ID: RV5AIRGATE5031, Assessment NO.: AN05T4480, Notice#2

Hi Helen,

Thank you for your kind cooperation.

Enclosed please find a revised test report and if you need more information, please inform me that in detail.

As yo know, the total file size of the test report is more than 4MB, so I have to divide our test report. If you need non-divided test report, please inform me that.

Best Regards,
Y.G. Gwon
ONETECH Testing & Eval. Lab.

----- Original Message -----

From: "Helen Zhao" <HZhao@CCSEMC.com>
Subject: IPOne Inc., FCC ID: RV5AIRGATE5031, Assessment NO.: AN05T4480, Notice#2
>
> Dear YK,
>
> Please kindly address the following issues for DTS portion (AN05T4480):
>
> Question #1: Please remove section 3.2 of the test report, since the filing is for 5031AG (with 802.11b/g radio and 802.11a radio) only.
>
> Question #2: I did not receive the revised user manual from you. Please make sure the following statement was added: "The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter."
>
> Thank you,
> Helen
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> From: Y. G. Gwon
> To: Helen Zhao
> Subject: Re#1: IPOne Inc., FCC ID: RV5AIRGATE5031, Assessment NO.:
> AN05T4480, Notice#1
>
> Dear Helen,
>
> I would like to answer your questions as following.

>
> 1. Enclosed please find revised user manual.
> 2. As you know, the device use same 2 RF Module and the module supports 802.11a/b/g, so
if they delete 1 module and user set the module as 802.11g, the device has model name as
AirGate 5031G and if the user set the module as 802.11a , the model name is AirGate 5031A.
If the device use other module and they changed model name.
> 3. I am sorry about that. The assigned frequencies have to be 2.412-2.462, 5.180-5.320,
and 5.725 - 5850MHz. Please revise on your 731 Form. Enclosed please find a test report
covering Part 15 Subpart E in this email.
> 4. Attached please find a revised test report in this email.
> 5. Attached please find a revised test report and that was mistaken in my 2nd email.
> 6. Attached please find a revised test report in my 2nd email.
> 7. Attached please find a revised test report in this email.
> 8. Enclosed please find a file for Setup Photo in this email.
> 9. Enclosed please find a file for antenna specification in my 2nd email.
>
> I hope all your comments are clear.
>
> Best Regards,
> Y.G. Gwon

>> -----Original Message-----
>> From: Compliance Certification Services [mailto:hzhao@ccsemc.com]
>> Sent: Tuesday, January 18, 2005 5:39 PM
>> To: Helen Zhao
>> Subject: IPOne Inc., FCC ID: RV5AIRGATE5031, Assessment NO.: AN05T4480,
>> Notice#1
>>
>>
>> Question #1: The user manual does not contain user information as specified in FCC15.21
or RF exposure statement as required by FCC15.247(b)(5). The possible RF exposure
statement could be: "The antenna(s) used for this transmitter must be installed to provide
a separation distance of at least 20 cm from all persons and must not be co-located or
operating in conjunction with any other antenna or transmitter."
>>
>> Question #2: The test report indicated that there are three models: each with different
type and number of radio installed into AP. Please note based upon FCC rule and
regulation, each model requires a new FCC certification. So a total of three applications
need to be submitted if you want to get approval for all these three models.
>>
>> Question #3: There is no product specification provided in this filing. But the device
is using Atheros AR5112 chip, and this chip does support 802.11a/b/g in both upper and
lower 5G bands, i.e. 5.2GHz and 5.8GHz, also this chip supports g turbo and a turbo mode.
Please confirm that the AP in the filing has the capability of 802.11a/b/g operating at
2.412-2.462GHz and 5.745-5.805GHz only.
>>
>> Question #4: The test report - Harmonic/Spurious radiated emission test data show that
2442MHz as middle channel. Please correct.
>>
>> Question #5: Page 12 of the test report shows a past-due calibration date. Please
explain.
>>
>> Question #6: Since there are two radios in the AP, please provide colocation test data:
2.4GHz radio(dominant) colocated with 5.8GHz radio(non-dominant).
>
>> Question #7: Please revise page 21 of the test report to change the power measurement
of 5785MHz, based on the plot followed, the value should be 23.6dBm, not 26.6dBm.
>
>> Question #8: Please resubmit a setup photo -side view of power line conducted emission

test.
>>
>> Quesiton #9: Please provide antenna specification.
>>
>> Best Regards,
>> Helen Zhao
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>> The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of the original e-mail date may result in application dismissal and forfeiture of the filing fee. Also, please note that partial responses increase processing time and should not be submitted. Any questions about the content of this correspondence should be directed to the e-mail address listed below the name of the sender.
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