Mike Kuo

From: S. S. Liou
Sent: November18日2003年Tuesday 12:04 AM
To: Mike Kuo
Subject: Re: K-Best Technology Inc., FCC ID:QZGKBW24-001, AN03T3214

Revised User Manual.pdf | Theory of Operation.PDF | Exhibit-A-Block_Diagram_revise... | Schematics of AP.pdf | Internal photos of AP.pdf | Users Manual of AP.pdf | Exhibit-C-Test_Report_revised....

Hi Mike,

This is the reply for AN03T3214.

Ans. #1: please refer to revised user manual page 14.
Ans. #2: please refer to revised user manual page 3.
Ans #3: please refer to theory of operation and revised block diagram.
Ans. #4: female N type connector.
Ans. #5: please refer to schematic diagram, internal photo and user manual of AP.
Ans. #6: TDD technology used. Please refer to revised user manual page 5.
Ans. #7: data rate is the same as input 2.4GHz signal. Output power is 1W max.
Ans. #8: please refer to revised user manual, the inadequate description is removed.
Ans. #9: the input power from AP is 13dBm. The acceptable input power ranges from 3 to 13 dBm. Please refer to revised user manual page 7.
Ans. #10 - 12: please refer to revised test report. There are some typing mistakes in the former test report.
Ans. #13: please refer to revised user manual page 3.

Best regards,

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S. S. Liou
Engineer / EMC Dep. II
ETC

----- Original Message -----
From: "Mike Kuo" <MKUO@CCSEMC.com>
To: "Will Yauo ; "ETC/Iris (E-mail)"

Sent: Wednesday, September 24, 2003 3:28 PM
Subject: FW: K-Best Technology Inc., FCC ID:QZGKBW2458-001, AN03T3213

> Hi Will: Another K-Best application AN03T3214 has same type of questions.
> Please consider the questions posted for AN03T3213 apply to AN03T3214
>
> -----Original Message-----
> From: CERTADM
> Sent: Wednesday, September 17, 2003 12:15 PM
> To: 'mkuo@ccsemc.com'
> Subject: K-Best Technology Inc., FCC ID:QZGKBW2458-001, AN03T3213
>
>
> Notice_content
> ----------
> Question #1: Please provide antenna specification for all the antennas that
> are intended to be used with this device. Information shall include but
> not limit to : Manufacturer name, model no/name, type of antenna (dipole ,
> panel etc.), type of operation (PTP or PTM), antenna gain, and the cable

> length requirements.
>
> Question #2: Per section 15.204(a) of FCC rules, external radio frequency
> power amplifier can not be sold as stand alone unit to be used with
> unlicensed transmitter. 15.204(b) indicates that external radio frequency
> power amplifier can only be sold as complete system. As indicated n the
> test report, this device was tested with FCC ID:IOU0660S02 access point.
> This is the only information which disclose the type of access point will
be
> used with this device. In the user manual, there is no place indicate how
> the applicant can comply 15.204(b) requirement. Please provide marketing
> statement, revise user manual to provide additional information to address
> 15.204(b) requirements.
>
> Question #3: The information contains in the operational description do
not
> provide any technical information to explain how the output power of
device
> will be limited to 200mW and the frequency conversion process. Please
> provide detail theory of operation to explain the entire system.
>
> Question #4: Please provide the antenna connector type used on the device.
>
> Question #5: Please provide schematic diagram, internal photo and theory
of
> operation of Access point.
>
> Question #6: What type of modulation during 5GHz operation ?
>
> Question #7: What is the data rate during 5GHz operation and the high
output
> power in each data rate.
>
> Question #8: As indicate in page 4 of user manual, this converter can be
> used for Wireless Local Loop, WLAN and Wireless Internet Access as well.
> Please provide technical information to explain the type of device will be
> connected to this converter for all above services.
>
> Question #9:What is the input power from Access Point to the convert
during
> the RF conducted and Radiated emission tests ?
>
> Question #10: Page 20 - 22 radiated emission tests in restricted band:
there
> are many identical frequency with identical field strength with different
> antenna. Please explain why the antenna gain and pattern are different
but
> measured with nearly identical field strength .
>
> Question #11: Page 23-25 radiated data below 1GHz demonstrated same
> questions as Question #10. Please explain.
>
> Question #12: RF conducted spurious emission was measured with RBW=1MHz.
> Per FCC guideline in measuring DTS device, RF conducted spurious emission
> shall be measured with RBW=100kHz. Please redo the measurement and
provide
> additional test data.
>
> Question #13: User Manual does not include RF exposure information.
Please
> provide revised user manual.
>
> Best Regards
>
> Mike Kuo
> 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.