Helen Zhao

Subject: FW: NURI Telecom Co., Ltd., FCC ID: TGBSCU-Z101, Assessment NO.: AN05T4947


ATT. E (ID LABEL)_NEW.pdf


ATT. N (MPE REPORT)_NEW.pdf


ATT. C (TEST REPORT)_NEW.pdf


ATT. D (TEST PLOTS)_NEW.pdf


ATT. F (TEST TUP PHOTO)_NEW...


ATT. G (EXTERNAL PHOTOGRAPHS)_...


ATT. H (INTERNAL PHOTOGRAPHS)_...

From: winfly
Sent: Sunday, July 17, 2005 9:53 PM
To: Helen Zhao
Subject: Re: NURI Telecom Co., Ltd., FCC ID: TGBSCU-Z101, Assessment NO.: AN05T4947

Dear Helen.

Please find attchement for your question:

Question #1: Based upon FCC 2.925(a)(1), "... The FCC Identifier shall be preceded by the term FCC ID in capital letters on a single line, ..." The proposed FCC ID label format shows FCC ID in two lines. Please revise it accordingly.

-> Attchement E(ID LABEL) : MODIFY SINGLE LINE

Question #2, #3 :

-> Tomorrow moring(in south korea time) i get user's manual. After i will send you.

Question #4: Please provide MPE (Maximum Permissible Exposure) calculation based upon FCC 1.1310 and 2.1091.

-> Attchement N(MPE REPORT): MAKE NEW ONE.

Question #5, #6, #7

-> Attchement C(TEST REPORT) & D(TEST PLOT)
#5: ADD TEST RESULT FOR OUT OF BAND EMISSIONS & BAND EDGE RADIATED EMISSION
-. PEAK PLOTS IN BAND EDGE
-. AVERAGE TEST RESULT IN RADIATED EMISSION(30MHz~25GHz)
#6. CHANDGE TEST RESULT FOR OUT OF BAND EMISSIONS & BAND EDGE CONDUCTED EMISSION
-. CONDUCTED PLOTS IN 30MHz~25GHz AT RBW=100KHz, VBW=300KHz
#7. CHANGE TEST RESULT FOR POWER SPECTRAL DENSITY(CHANGE POWER DENSITY TO POWER SPECTRAL DENSITY)
-. SPAN 3MHz, SWEEP TIME = 1000SEC, RBW=3KHz, VBW=10KHz

I WILL CHANGE ISSUE DATE JULY 10,2005 TO JULY 16,2005

Your prompt confirmation on receiving of this application would be much appreciated.

If you have questions or comments on this application, please do not hesitate to conatct us.

BEST REGARDS,

SANG HUN, KANG (RF TECHNICAL MANAGER)

>> -----Original Message-----
>> From: Compliance Certification Services
[mailto:helen.zhao@ccsemc.com]
>> Sent: Thursday, July 14, 2005 5:29 PM
>> Subject: NURI Telecom Co., Ltd., FCC ID: TGBSCU-Z101, Assessment NO.:
>> AN05T4947, Notice#1
>>
>>
>> Question #1: Based upon FCC 2.925(a)(1), "... The FCC Identifier
shall be preceded by the term FCC ID in capital letters on a single
line, ..." The proposed FCC ID label format shows FCC ID in two lines.
Please revise it accordingly.
>>
>> Question #2: The user manual does not provide enough information as
how to install the module, how to make it work, as well as setup
instruction. It's not clearly this device will be used as final product
or will be installed inside host device. If it will be installed in
another host device, you may need to apply for modular approval. Please
provide installation and setup manual first.
>>
>> Question #3: User manual page 3 has the "Body worn operation"
statement. Please advise whether the device is intended to be body worn,
with belt-clips, holsters, etc. It seems you copied the statement from
cellular phone manuals. It also indicates that 20cm separation distance
must be maintained, please advise the usage of the this device, and how
to keep 20 cm separation distance. On the other hand, you should include
the following RF exposure statement into the user manual as well: "This
device and antenna must not be co-located or operated with any other
antenna or transmitter".
>>
>> Question #4: Please provide MPE (Maximum Permissible Exposure)
calculation based upon FCC 1.1310 and 2.1091.
>>
>> Question #5: Test Plots - Out of band emissions & Band Edge
(Radiated): Based upon FCC15.35, "When average radiated emission
measurements are specified in this part, including average emission
measurements below 1000 MHz, there also is a limit on the peak level of
the radio frequency emissions. Unless otherwise specified, e.g., see
¡ì¡ì 15.250, 15.252, 15.255, and 15.509-15.519 of this part, the limit
on peak radio frequency emissions is 20 dB above the maximum permitted
average emission limit applicable to the equipment under test." So
please use RBW=VBW=1MHz setting to provide peak plots against peak limit
which is 74dBuv/m.
>>
>> Question #6: Test Plots - Out of band emissions & Band Edge
(Conducted): Based upon FCC New Guidance on Measurements for Digital
Transmission Systems in Section 15.247,
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>> "Section 15.247(c): Spurious emissions. The following tests are
required: " (1) RF antenna conducted test: Set RBW = 100 kHz, Video
bandwidth (VBW) > RBW, scan up through 10th harmonic. All
harmonics/spurs must be at least 20 dB down from the highest emission
level within the authorized band as measured with a 100 kHz RBW"
>>

>> The plots in the filing do not follow the correct measurement guidance, please retest with RBW=100KHz, VBW>RBW and resubmit the plots for 30MHz -25GHz, L, M, H channels.
>>
>> Question #7: Test Plots - Power spectral density(PSD). Please change the test item name from Power Density to Power spectral density. Based upon FCC New Guidance on Measurements for Digital Transmission Systems in Section 15.247,
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>> "Section 15.247(d): Power spectral density(PSD). Locate and zoom in on emission peak(s) within the passband. Set RBW = 3 kHz, VBW > RBW, sweep= (SPAN/3 kHz). "
>>
>> The plots in the filing do not following the measurement guidance, please retest with correct setting of RBW = 3 kHz, VBW > RBW, sweep= (SPAN/3 kHz) and resubmit the plots.
>>
>> 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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