Helen Zhao

Subject: FW: TRANGO SYSTEMS, INC., FCC ID: NCY5800SFSUD2, Assessment NO.: AN05T4856, Notice#1

From: Danielle Zhan
Sent: Monday, June 20, 2005 11:55 AM
To: Helen Zhao
Cc: Barbara Judge; Michael Heckrotte; Mike Kuo
Subject: RE: TRANGO SYSTEMS, INC., FCC ID: NCY5800SFSUD2, Assessment NO.: AN05T4856, Notice#1

Dear Helen,

Please find answers to your questions as below in blue.

Thanks for your further review.

Danielle Zhan

-----Original Message-----
From: Helen Zhao
Sent: Wednesday, June 15, 2005 3:28 PM
To: Danielle Zhan
Cc: Barbara Judge; Michael Heckrotte; Mike Kuo
Subject: RE: TRANGO SYSTEMS, INC., FCC ID: NCY5800SFSUD2, Assessment NO.: AN05T4856, Notice#1

Dear Danielle,

Please answer the following questions:

Question #1: The user manual indicates the manual applies to a total of six series products and six model names and associated FCC IDs are listed on the manual, but none of them relates to this filing. Please add necessary information for the newly added model in this filing, please update model difference table, also specify the antenna that can be used with the new model.
[Danielle] User manual has been updated with the new model and its FCC ID added in, please see attached.

UserManual.FSU-D2
.pdf

Question #2: FCC ID label format does not include FCC15.19 compliance statement. According to FCC TCB traing material (see attachment), when the device is larger than palm size (10x8cm), then the statement must be on the label. Your device's size is 6" x 3", which is 15x7.6cm, please revise the FCC ID label format to include the compliance statement.
[Danielle] A label that shows the FCC15.19 compliance statement has been provided as part of the labeling format, please find revised Label Format and Location file as attached.

FCC ID Label
Format and Locati...

Question #3: The user manual and product specification all indicate that the device is operating from 5736MHz to 5836MHz.

However the test report shows investigation was done for 5745-5825MHz only, which is not sufficient to demonstrate compliance. Please redo the all the test at low and high channels.
[Danielle] Additional tests were performed to cover the investigated frequency from 5736 MHz to 5836 MHz, and related data has been revised based on additional tests. Please see revised test report as attached.

05U3457 FCC DTS Report. revise...

Question #4: The antenna specification indicates the patch antenna has a gain of 25dBi, but the test report refers to 24dBi (page 6 & 19), please correct it to keep consistent.
[Danielle] The antenna gain has been revised to 25 dBi in the test report, please see the revised report as attached above.

Question #5: There are two test configurations, but the test report shows one test setup diagram, please add one more for stand along configuration (using internal antenna).
[Danielle] A setup diagram for the stand-alone configuration has been added in the report, same as attached above.

Question #6: Please update external photos to include power supply and J-Box.
[Danielle] See attached updated External Photos file which include external photos for the power supply and J-Box.

External Photos.pdf

Question #7: The internal photos cover only one PCB board, please provide more photos to see the internal structure of the subscribe unit. Please show position of internal antenna as well.
[Danielle] Some more photos are taken to satisfy this requirement, please see attached Internal Photos file.

Internal Photos.pdf

Best Regards,
Helen Zhao

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.