

June 3, 2002

RE: TOKO Inc.
FCC ID: NUSTMW1003S1

Dear Timothy:

After the review of your comments, we have made some response upon your advice; they are summarized as follows:

1. The external photo showing the connector port of the EUT is uploaded upon your comment. Please find them with the appearance of the RJ-45, reset bottom and the adapter jack.
2. The correct FRN of the Toko Inc. is 0005-9992-97.
3. The EUT supports the diversity. Both of them can transmit and receive and the final products have the mechanism that in selecting from one of them for the best reception. In our testes, there' s a testing software provided by the manufacturer used to control the EUT for the specific emission such as antenna to be used, channel and the Tx/Rx status. The data in the report is shown specifically for the status of the EUT.
4. The processing gain data, carried by the manufacturer is attached.
5. The connector is used for the testing purposes only. It can be proved that cannot find any issue in the manual regarding to that jack for any function.
6. Regarding to the radiate spurious emission (>1GHz), our measuring device, HP 8563E spectrum analyzer is a "total solution" (full set from the antenna, cable and spectrum come from the HP Genuine and tuned properly) on its field and providing the user key function which enable the user to load the correction factor when specific function and filter is inserted. Once we load the key previously defined by HP and the value shown the spectrum is the "actual" value, needn't to include any correction factor so the correction factor is 0.00. For the ease of understanding, we submit the modified version of those tables.
7. We calculate the radiated emission at the bandedge in the following manner: $E = \frac{\sqrt{30PG}}{d}$ stated in the FCC 97-114, the transmitter' s peak power can be found is $53.22dBm/m$. It do comply with the average limit thus no need to do the measurement for the average radiated power of the fundamental.

Should you have any questions or more information is needed, please don' t hesitate to ask us.

Sincerely yours,
Eric Wong
Project Engineer
Training Research Co Ltd.