**FCC ID: BCR-RPT-MOR801BI**

**Response to TCB questions**

Barry

Please find the response to your inquiries below. Hope this clears things up somewhat.
(Another email will follow with additional files)

Best regards,
David Light
Senior Wireless Technician
Nemko Dallas, Inc.
ph 972-436-9600
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-----Original Message-----
From: Certification Manager [SMTP:certification@curtis-straus.com]
Sent: Friday, March 30, 2001 5:05 PM
To: Davida Hanson
Cc: David Light
Subject: FCC ID: BCR-RPT-MOR801BI

Hi Davida,

We have found the following issues following our review of the application:

1. Page 7 of the test report has a specification for rated power of 2 watts, 1 watts, and 20 watts. Elsewhere it says the unit has two modules, 1W and 20W. How does the 2W unit fit in?

Response - [David Light] We were able to get more power out of the low power module using voice modulation as opposed to iDEN modulation. I suppose the correct thing to do would be to rate the repeater at 1W and 20W on the grant. (There are not 3 modules)

2. The plot on page 9 shows the skirt going above the limit line on the right side at -13dBm. This looks like a failure. Please explain.

Response - [David Light] Please refer to new Occupied BW Data supplied for item 4 (next email)

3. The intermod data tables for the low power version appear to be all two signal at the high band edge. We need either three signal (one low-two high or two low, one high) or 2 signal at BOTH the high and low band edge. Please identify which plots in the report are responsive to this requirement or provide additional data

Response - [David Light]  Intermod data. <<iDEN intermod (RETEST).xls>> <<intermod voice(retest).xls>>  <<Hi-Pwr Lower Bandedge Intermod (RETEST).xls>>

4.  Given the frequency range requested (851-869) and depending on what service under part 90 this device is used it appears that three possible emissions masks could be applied: Mask G, Mask H or the EA mask of 90.691.  Please comment on where in part 90 this device is used and comment on which emission mask is appropriate based on that use. Note that some of these masks have limits lower than the generic -13dBm shown on your graphs.  We have not tested the compliance of the modulation data shown, as we would like your response first so we can apply the correct mask. Some of the plots (e.g. page 13) may not be wide enough for us to determine compliance conclusively.

Response - [David Light]  Occupied BW Data  (see next email)

5.  Please confirm that the top titles above the bandwidth tables correctly identify the data contained (except for the MOR 701Bi typo) and that the EUT designation in the table itself, which is uniformly "MOR 801Bi Power", is wrong.

Response - [David Light]  Yes, MOR 701 Bi is a typo and yes, the plots are incorrectly labeled. Attached are the plots with correct labeling. (See next email)

6.  Please tell us which exhibit file has the DC currents and Voltages in the final RF stage.

Response - [David Light]  Current Voltage Amplfier P\N:
Document:
MOR801Bi Power Final stage Forward Link: 3.3A 28VDC
TLB186E 99sl002a-3.pdf
MOR801Bi Final stage Forward Link: 2.2A 12VDC 151970 Q0156R7B.doc (see attached)
<<Q0156R7B.zip>>

7.  Please identify which exhibit file is responsive to the requirement for filing a tune up procedure.

Response - [David Light]  All tuning is done at the factory, the specific channels are set via the Software within the repeater and the user is to reference the MOR801 S\W User's Manual (see attached M0062a0C.zip).
<<M0062A0C.zip>>

Best regards

Barry C. Quinlan
Certification & Telecom Manager

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