

Barry,

Below are our responses.

Regards,

Tom

-----Original Message-----

From: Certification Manager [<mailto:certification@curtis-strauss.com>]

Sent: Friday, February 16, 2001 9:01 AM

To: Alma Torres

Subject:

Hi Alma,

We have completed our review and the following issues have been identified:

1. Please point out which pages of the test report are responsive to the FCC request for a three signal IM test. If you have chosen to provide a two signal test at both the high and low edges of the bands, then please identify which plots are high and low. A summary page of which plots are responsive to which item would help us understand the data you are presenting.

Reply - We performed the testing with two signals at the lower edge, the middle of the band, and the upper edge for both Uplink and Downlink directions. In some cases we performed the testing with more than two signals. We used the EIA specified upper and lower channel assignments since this is what the repeater will actually be processing. We tested intermodulation with the repeater in normal gain and in high gain modes. The difference between these two modes is that the input signal is lower for the high gain mode and the higher gain compensates to give the nominal output power. The worst-case was with maximum rf input level and lower gain. I have attached a cross reference table.

<<plotcrossref.xls>>

2. Please provide a tune up procedure.

Reply - There is no tune-up procedure. The gain is set at the factory according to the attached method.

<<tuneup.xls>>

3. What is the adjustment power range of the unit?

Reply - The output power is, of course, dependant on the received signal at the input and while consequently vary with each repeated conversation. This product employs AGC which is set to automatically reduce gain when the power output reaches +20 dBm. There is a manual gain variation available for

situations where the received signals are higher than normal. This is provided to "fine tune" the coverage. In no circumstances will the rf output level be more than +20 dBm.

As such, the output power is not adjusted, the gain is only adjusted to maintain the + 20 dBm output level.

5. Is five the maximum number of channels?

Reply - Since the device is simply a broadband amplifier that boosts on-air signals, the maximum number of signals that it may see in operation is variable from site to site and indeed from day to day. The product only repeats the channels as it sees them.

6. We only see the antenna terminal measurements for the highest power level. Please point out the lowest power setting plots.

Reply- See item 3 above.

7. The FCC have standardized the CDMA emission designator as F9W.

Reply - The CDMA designator should have been listed as F9W. This is a misprint.

Best regards

Barry C. Quinlan
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