TIMCO ENGINEERING INC.
PO Box 370
849 SR 45
Newberry, Florida 32669
Ph. 352.472.5500 Fax. 352.331.8840
sid@timcoengr.com
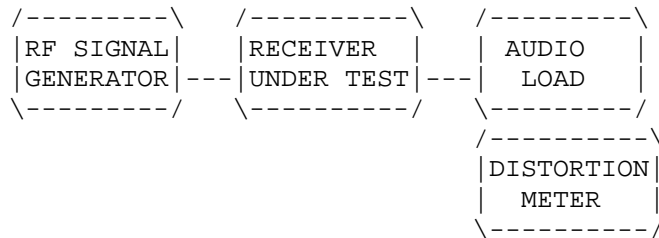
10/28/99

TO: JOE DICHOSO
FCC

Subject: ADI COMMUNICATIONS CORPORATION FCCID: MKDAR247

REFERENCE: EA95189

I tried to call you because I had some problems understanding
your email. Anyway here is what I think you want me to do.

        APPLICANT: ADI Communications Corporation

        FCC ID: MKDAR247

        NAME OF TEST: 38dB REJECTION RATIO

        RULES PART NUMBER: 15.121(b)

        REQUIREMENTS: 38dB REJECTION RATIO TO
                          SENSITIVITY OF THE RECEIVER.
        TEST SET-UP
                  /---------\   /----------\   /---------\
                  |RF SIGNAL| |RECEIVER | | AUDIO |
                  |GENERATOR|---|UNDER TEST|---| LOAD |
                  \---------/   \----------/   \---------/
                                              /----------\
                                              |DISTORTION|
                                              | METER |
                                              \---------/
TEST PROCEDURE: The reference sensitivity was measured in accor-
dance with TIA/EIA-603;
a. Equipment connected as illustrated
b. A standard signal was applied to the receiver input
terminals.
c. Receiver output audio output was adjusted for rated
output.
d. The RF Signal generator was adjusted to the lowest level
to produce a 12dB SINAD without the audio output dropping more
than 3dB. Make note of sensitivity level.
e. This was done across the different bands to establish a
reference level. The reference taken was the highest sensitivity
in all of the bands.
f. The output of the signal generator was then adjusted to a
level of 60dB above the reference level.

g. With the level set 60dB the level measured in step d,
h. Set squelch on receiver to threshold, The signal level
required to open the squelch must be lower than the level measured
in step d.
i. Cause the receiver to scan or step-it through its complete
range of frequencies.
j. If receiver stops or unsquelches on any frequency, record
the frequency and then adjust the level until a 12dB SINAD is
produced. This level must be greater than 38dB.
k. Repeat steps f thorugh j for frequencies 836.0, 848.5,
869.1, 881.0, & 893.5MHz.

TEST RESULTS: The UUT meet the 38dB REJECTION RATIO.

PERFORMED BY: S. S. SANDERS   DATE: OCTOBER 27, 1999

I stepped the frequencies on the receiver through its full
range of frequencies in 10KHz steps, which is the smallest
steps that it will make, I think.

Please let me know if this is okay.

Thanks for your help.

BEST REGARDS,

Sid Sanders

CHECK OUT OUR WEBSITE @www.timcoengr.com