

 **Hitachi Cable Manchester, Inc.**

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July 6, 1988

Mr. John B. Lohmeyer
Senior Consulting Engineer
NCR Corporation
Engineering and Manufacturing - Wichita
3718 N. Rock Road
Wichita, Kansas 67226

Dear John,

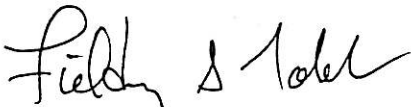
Enclosed are our own preliminary test results on the 28 AWG .025 center line cable. Hopefully these will be of assistance in the SCSI evaluation.

I am very interested in continuing to observe the X3T9.2 meetings, and have sent my application form to CBEMA for subscription as well as membership.

I will also send the enclosed documents by regular mail. I would be very interested in copies of any documents concerning the evaluation of our cable. Hopefully I will be included in the mailings.

Once again, I would like to complement your ability to manage a group so large. Your ability to keep the topics on track are outstanding.

Sincerely,



Fielding S. Tabb
National Sales Manager

TO: D. Karrmann
E. Tabb

FROM: E. Armstrong

DATE: June 29, 1988

RE: Preliminary test results on 28 7/36 TC - 25 C sample.

The following data was taken from the first sample we manufactured and is preliminary results only.

Capacitance Test	Ground - Signal - Ground
<u>Frequency</u>	<u>PF/FT.</u>
1 KHZ	42
5 KHZ	39
10 KHZ	38
20 KHZ	37
50 KHZ	35.5
75 KHZ	35
100 KHZ	34.6

Impedance = 56 ohms (TDR)

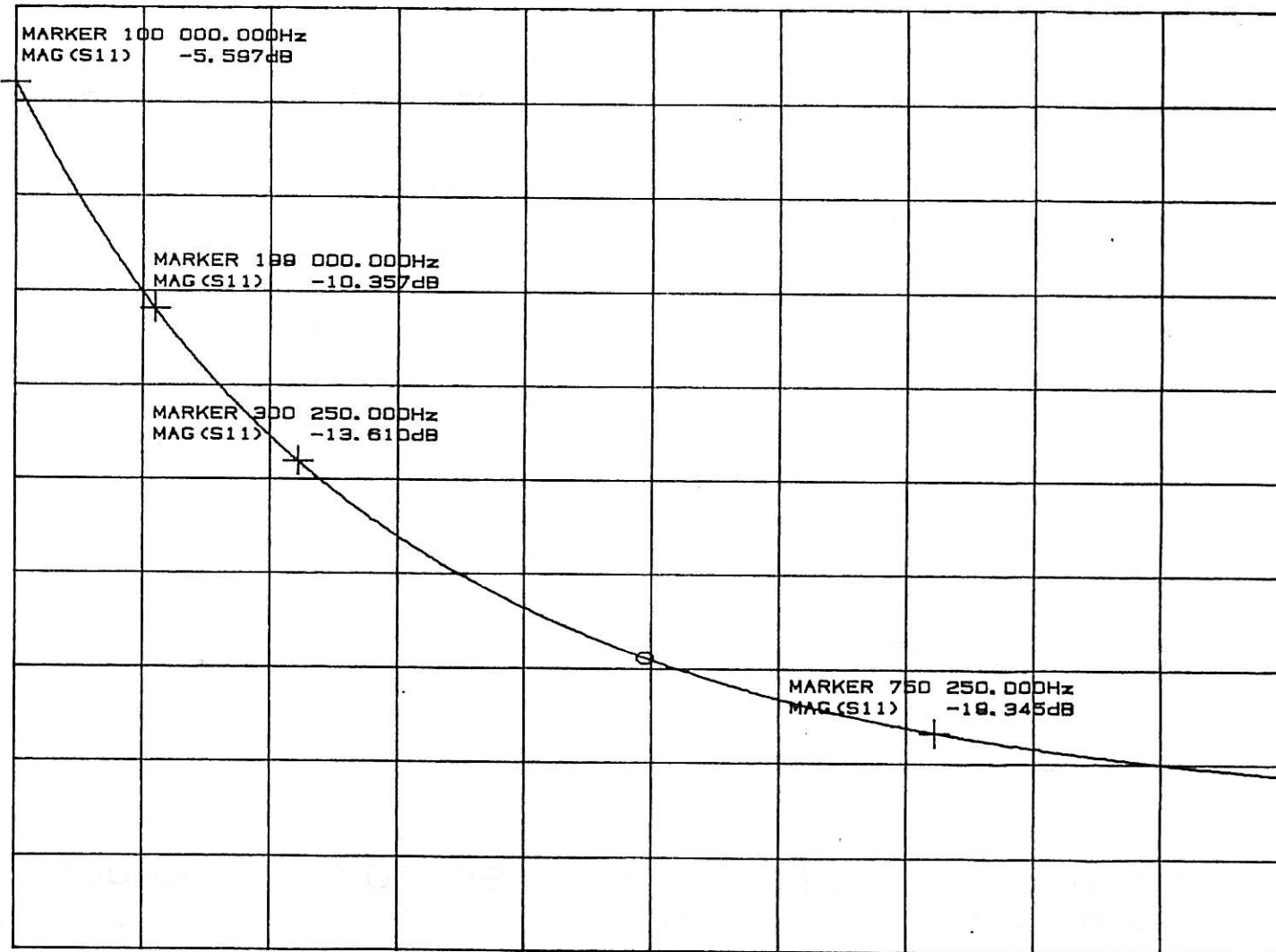
Time Delay = 2.4 nan sec./ft.

Attenuation = See attached graph.

28 $\frac{7}{36}$ TC 25 ϕ G-S-G 56 Ω (TOR) (50 Ω Balanced) @ 6/29/88
10 ϕ Sample -

REF LEVEL /DIV MARKER 545 500.000Hz
-4.000dB 2.000dB MAG (S11) -17.761dB

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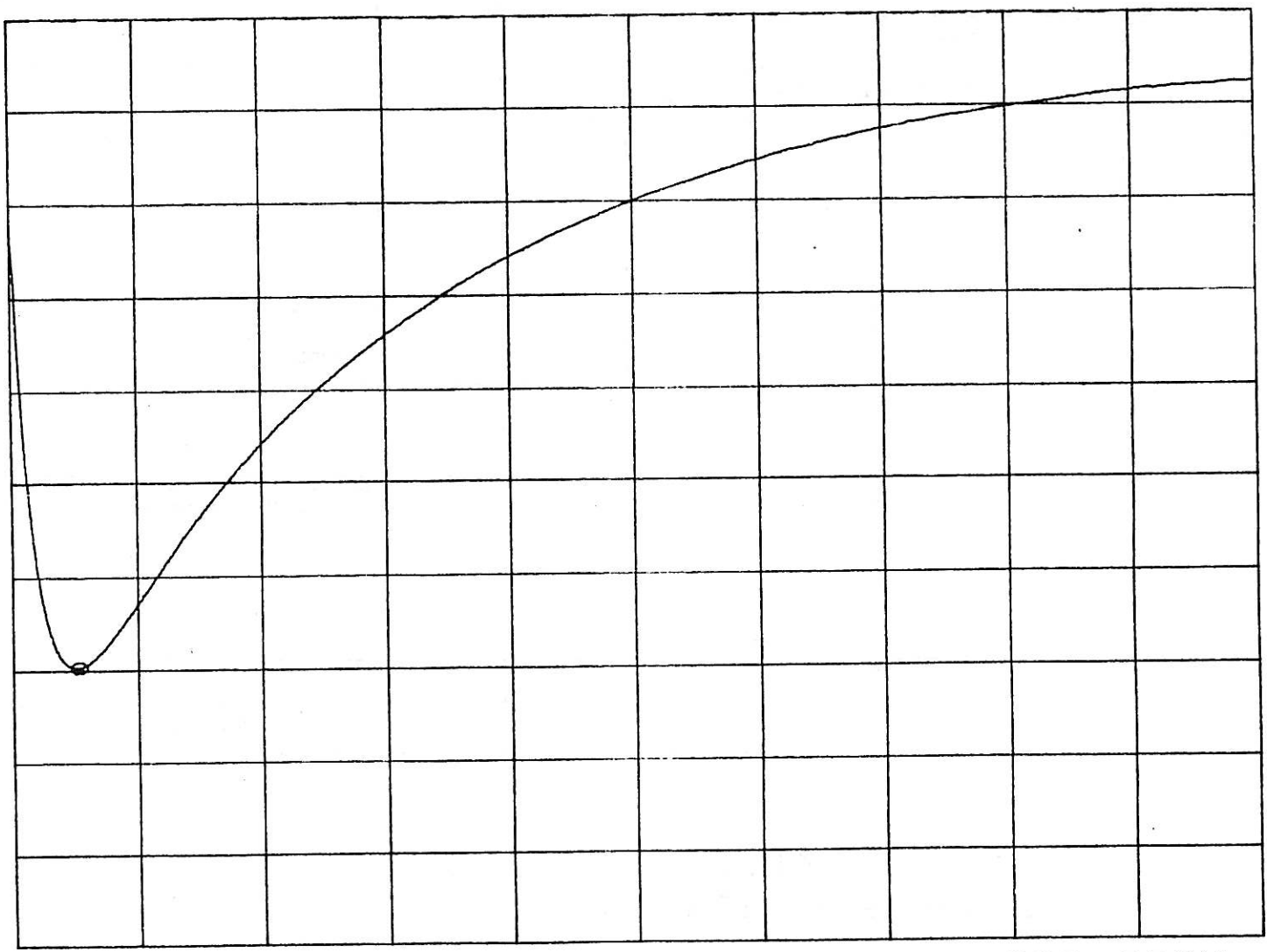
START 100 000.000Hz
AMPTD 15.0dBm

STOP 1 000 000.000Hz

28 7/30 25¢ Far End Cross Talk

REF LEVEL /DIV MARKER 619 750.000Hz
-9.000dB 2.000dB MAG(S11) -19.935dB

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START 100 000.000Hz STOP 10 000 000.000Hz
/ PTD 15.0dBm