CM2 LEAK CHECK 09/19/11 CAVITY STRING ISIDE C.R.
START PUMPING @ 13:00 570 TORR

REACHED CROSSOVER @ 13:52 (10^{-3}) TORR

PRELIMINARY LEAK CHECK SHOWS NO RESPONSE TO HELIUM
2.0×10^{-10} MBAR L./S.

(BL) FINAL L.C.
INSIDE - 485×10^{-7} TORR
OUTSIDE - 1.00×10^{-7} TORR
MKS - 1.70×10^{-7} TORR
L.D. - 5.0×10^{-11} MBAR L./S.
START SPRAY - 11:50

CORRECTOR COIL TO CAVITY #8 -
START SPRAY - 11:50 5.0×10^{-11} MBAR L./S.
STOP SPRAY - 11:52 5.0×10^{-11} MBAR L./S.
REMOVE BAG - 11:54 5.0×10^{-11} MBAR L./S.

CAVITY #8 TO CAVITY #7 -
START SPRAY - 11:57 5.0×10^{-11} MBAR L./S.
STOP SPRAY - 11:59 5.0×10^{-11} MBAR L./S
REMOVE BAG - 12:01 5.0×10^{-11} MBAR L./S.

CAVITY #7 TO CAVITY # 6 -
START SPRAY - 12:06 5.0×10^{-11} MBAR L./S.
STOP SPRAY - 12:08 5.0×10^{-11} MBAR L./S.
REMOVE BAG - 12:10 5.0×10^{-11} MBAR L./S.

CAVITY #6 TO CAVITY #5 -
START SPRAY - 12:15 5.0×10^{-11} MBAR L./S.
STOP SPRAY - 12:17 5.0×10^{-11} MBAR L./S.
REMOVE BAG - 12:19 5.0×10^{-11} MBAR L./S.

CAVITY #5 TO CAVITY #4 -
START SPRAY - 12:24 5.0×10^{-11} MBAR L./S.
STOP SPRAY - 12:26 5.0×10^{-11} MBAR L./S.
REMOVE BAG - 12:28 5.0 X

CAVITY #4 TO CAVITY #3
START SPRAY - 12:33 5.0×10^{-11} MBAR L./S.
STOP SPRAY - 12:35 5.0×10^{-11} MBAR L./S.
REMOVE BAG - 12:37 5.0×10^{-11} MBAR L./S.

(CONTINUED ON PAGE 148)

09/20/11 CONTINUED FROM PAGE 147

CAVITY # 3 TO CAVITY #2
START SPRAY - 12:42 5.0×10^{-11} MBAR L./S.
STOP SPRAY - 12:44 5.0×10^{-11} MBAR L./S.
REMOVE BAG - 12:46 5.0×10^{-11} MBAR L./S.

CAVITY #2 TO CAVITY #1
START SPRAY - 12:51 5.0×10^{-11} MBAR L./S.
STOP SPRAY - 12:53 5.0×10^{-11} MBAR L./S.
REMOVE BAG 12:55 5.0×10^{-11} MBAR L./S.

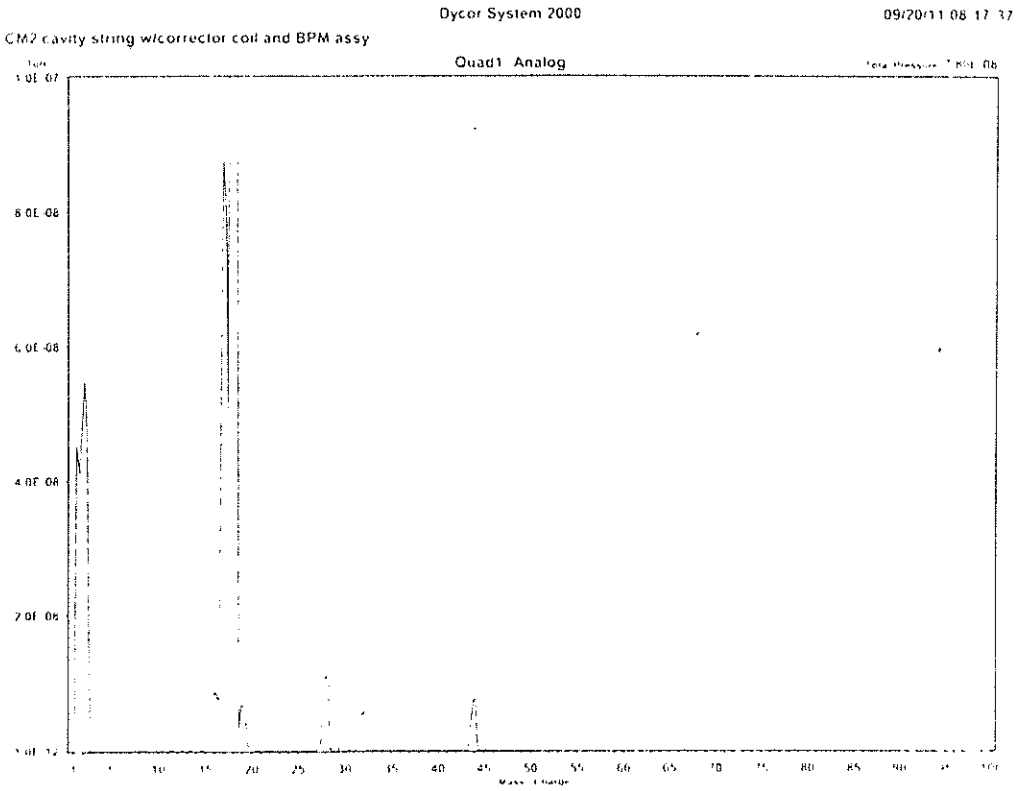
END TEST - 13:05 5.0×10^{-11} MBAR L./S.

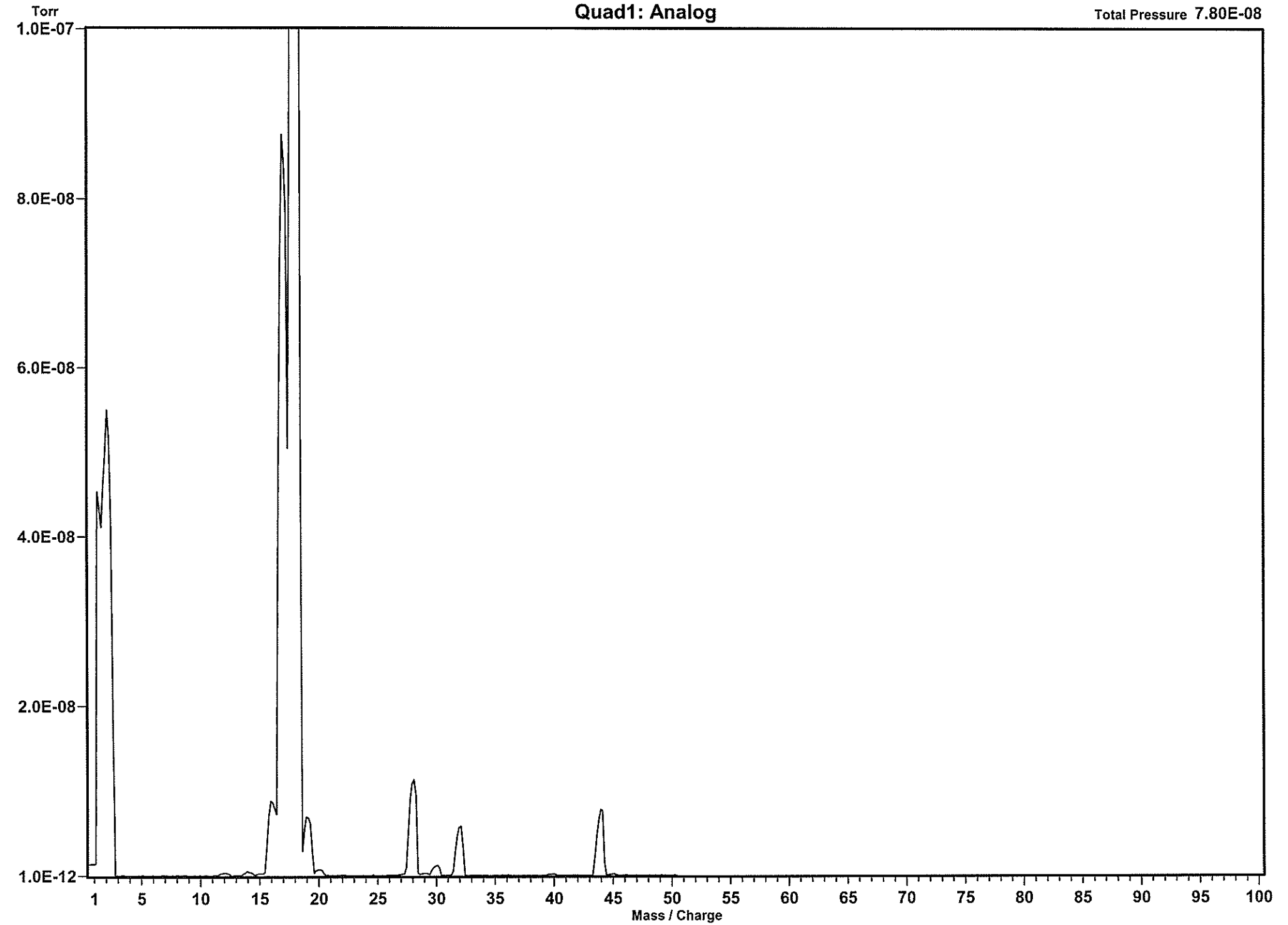
RESULTS: NO RESPONSE TO HELIUM.

RGA SCAN AFTER PUMPING ~ 20 HRS

BRIAN SMITH.
MARCO BATTISTONI
MARK CHLEBEK

FINISH #S
INSIDE - 4.67×10^{-7} TORR
OUTSIDE - 9.70×10^{-8} TORR
MKS - 1.60×10^{-7} TORR
LD - 5.0×10^{-11} MBAR L./S.



Dycor System 2000 09/20/11 08:17:37

CM2 cavity string w/corrector coil and BPM assy.