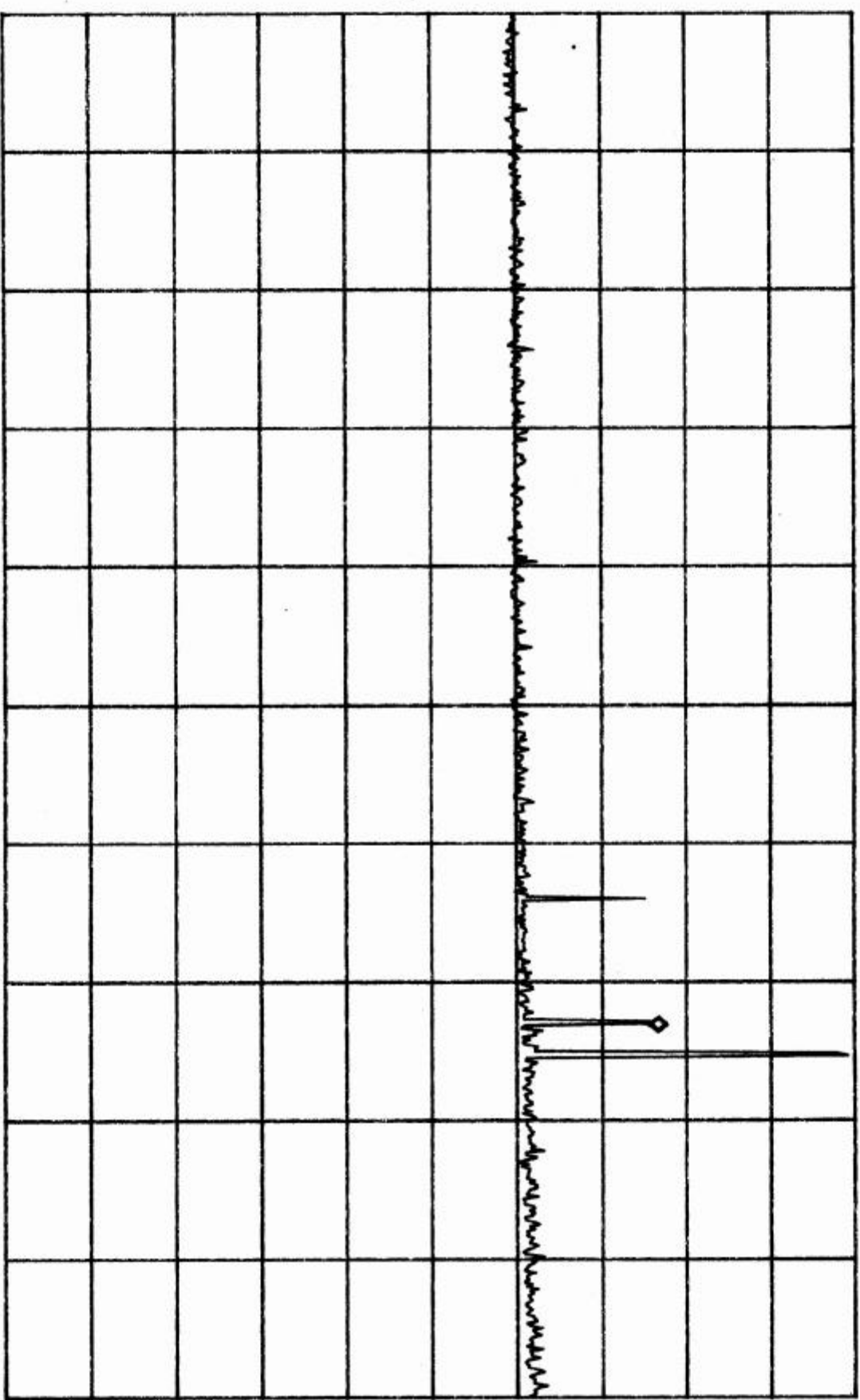


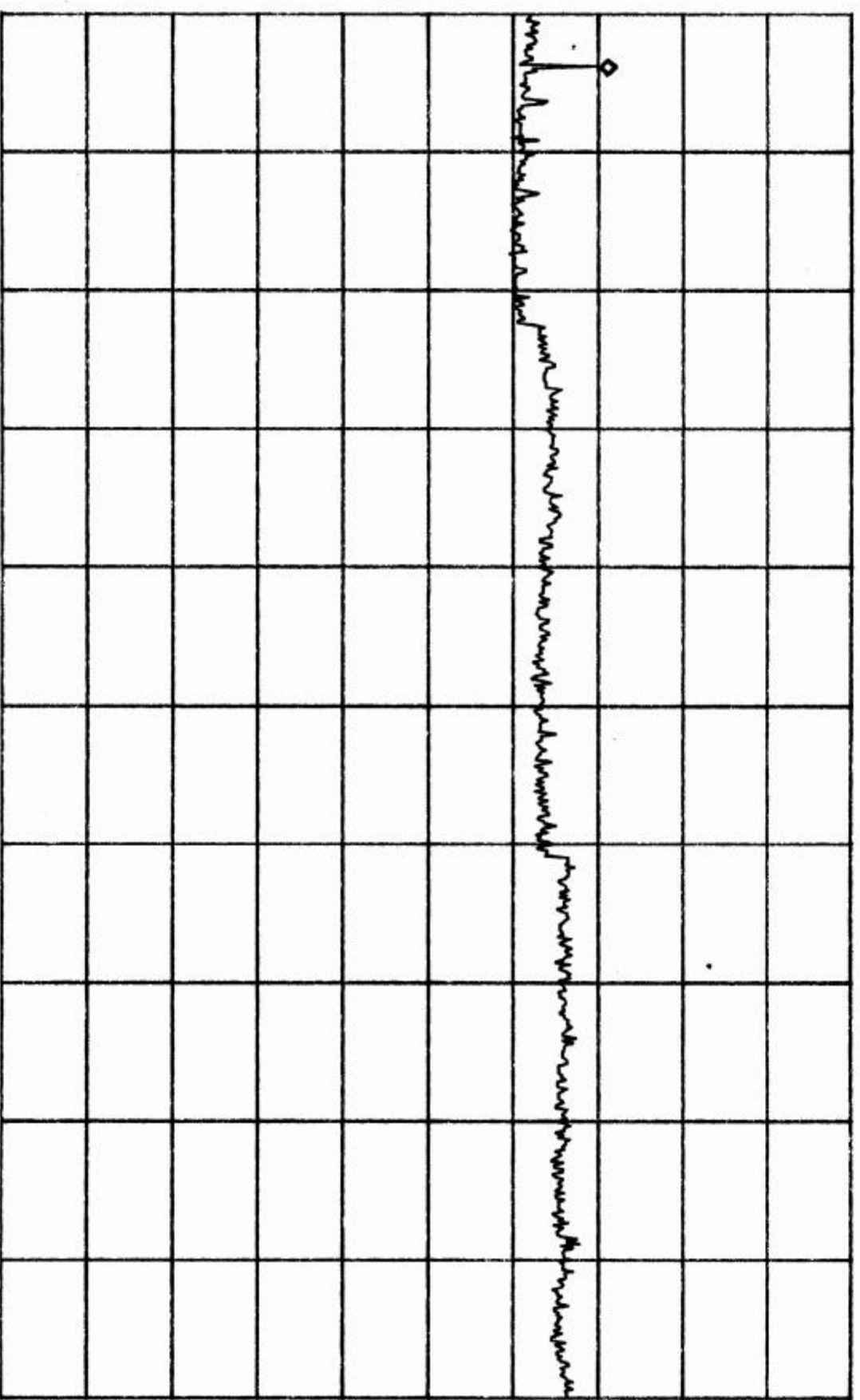
LG 1944M (CW out-of-band) UPLINK, MID CHANNEL (20M)
ATTEN 10DB MKR -54.33DBM
RL -30.0DBM 10DB/ 1.829GHZ



241

START 15MHZ STOP 2.500GHZ
*RBW 1.0MHZ *VBW 1.0MHZ SWP 50.0MS

LGC 19dBm (CW OUT-OF-BAND) UPLINK, MID CHANNEL (20M)
 ATTEN 10DB
 MKR -59.83DBm
 RFL -30.0DBm 10DB/ 3.17GHZ

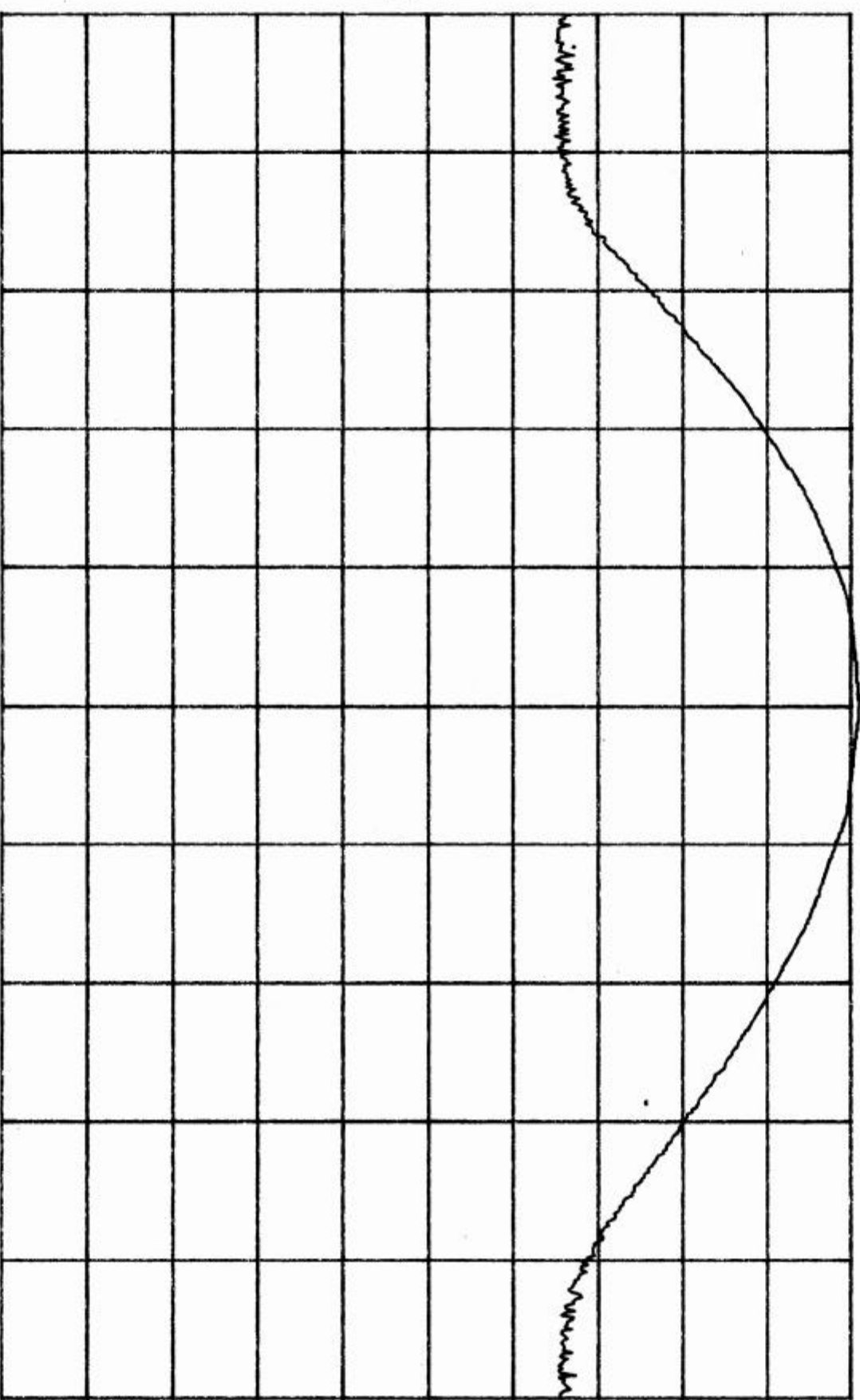


242

R

START 2.50GHZ STOP 20.00GHZ
 *RBW 1.0MHZ *VBW 1.0MHZ SWP 350ms

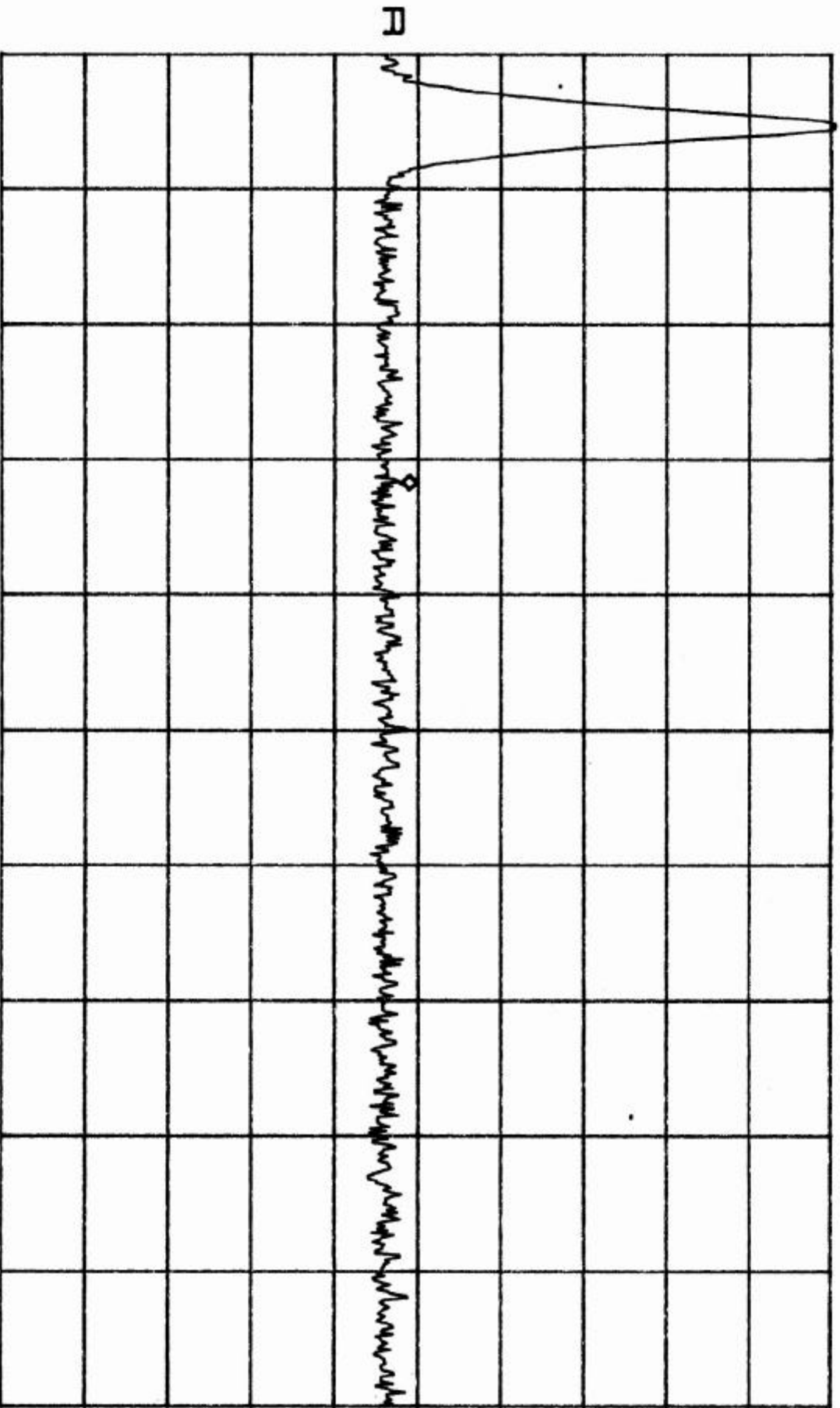
LGC 1940M (CW OUTPUT POWER) UPLINK, HIGH CHANNEL (24M)
ATTEN 10DB
RL -30.0DBM
MKR -29.17DBM
1.90875GHZ
1.90868GHZ



CENTER 1.90875GHZ SPAN 10.00MHZ
*RBW 2.0MHZ *VBW 3.0MHZ SWP 50.0ms

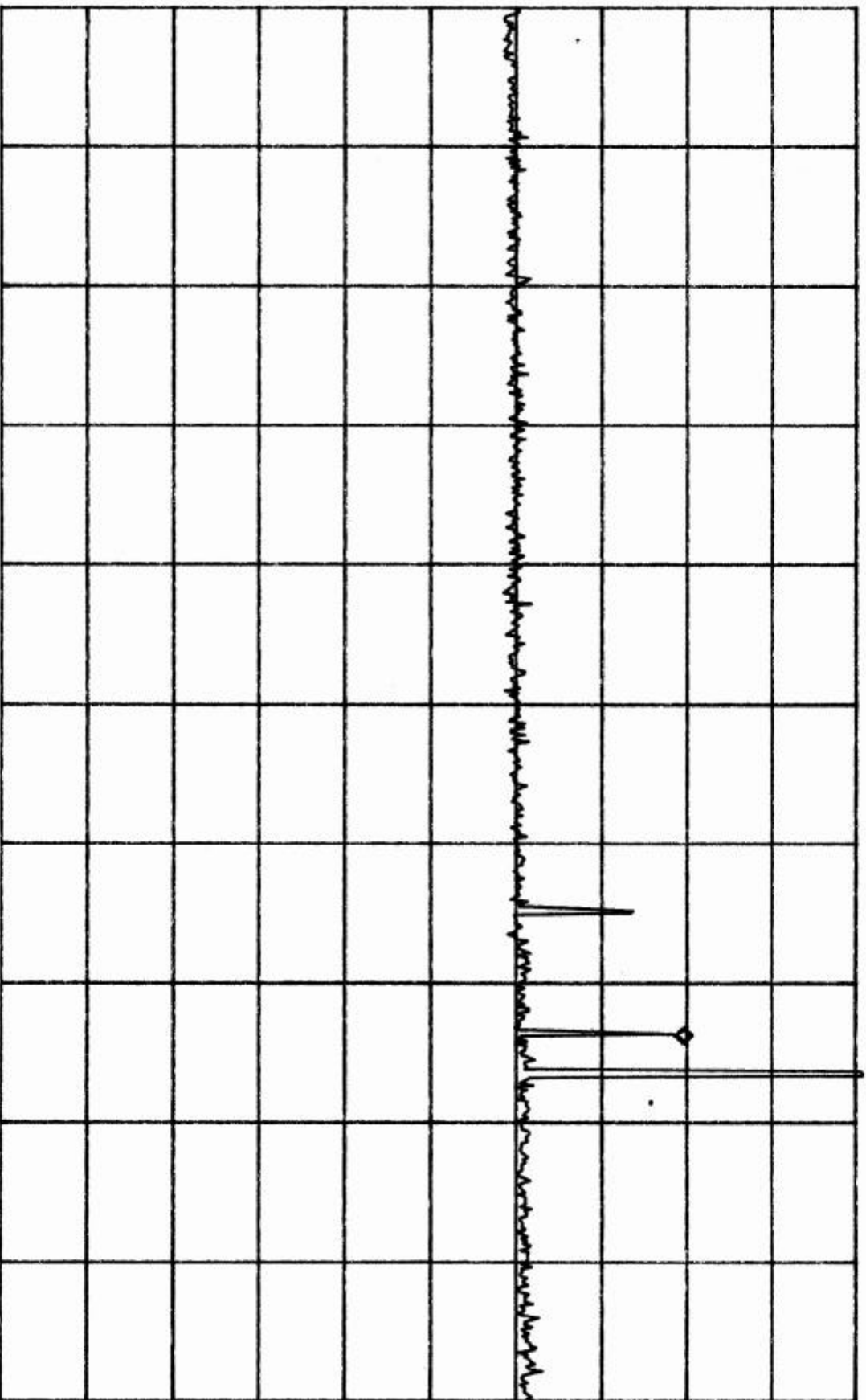
243

LG 194M (CW UPPER BAND EDGE) UPLINK, HIGH CHANNEL (28M)
ATTEN 10DB
RL -30.0DBM 10DB/ 1.910083GHZ
MKR -82.00DBM



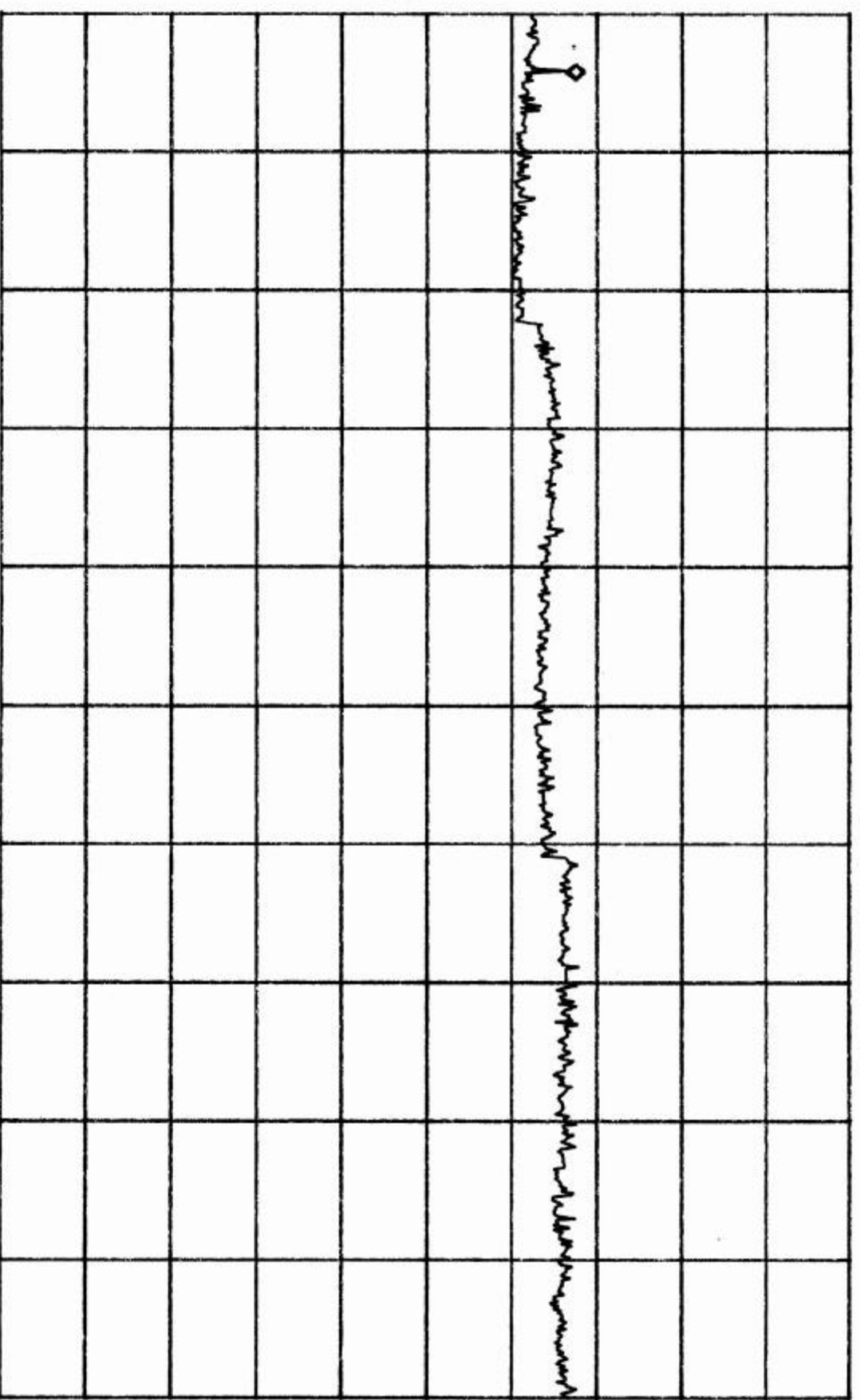
CENTER 1.911000GHZ SPAN 5.000MHZ
*RBW 30KHZ *VBW 30KHZ SWP 50.0ms

LG 1900M (CW OUT-OF-BAND) UPLINK, HIGH CHANNEL (20W)
ATTEN 10DB
FL -30.0DBM 10DB/ 1.846GHZ
MKR -51.33DBM



START 15MHZ STOP 2.500GHZ
*RBW 1.0MHZ *VBW 1.0MHZ SWP 50.0ms

LGC 19dBm (CW out-of-band) UPLINK, HIGH CHANNEL (2ΦM)
 ATTEN 10DB MKR -63.50DBm
 RL -30.0DBm 10DB/ 3.23GHZ



24b

F

START 2.50GHZ STOP 20.00GHZ
 *RBW 1.0MHZ *VBW 1.0MHZ SWP 350ms

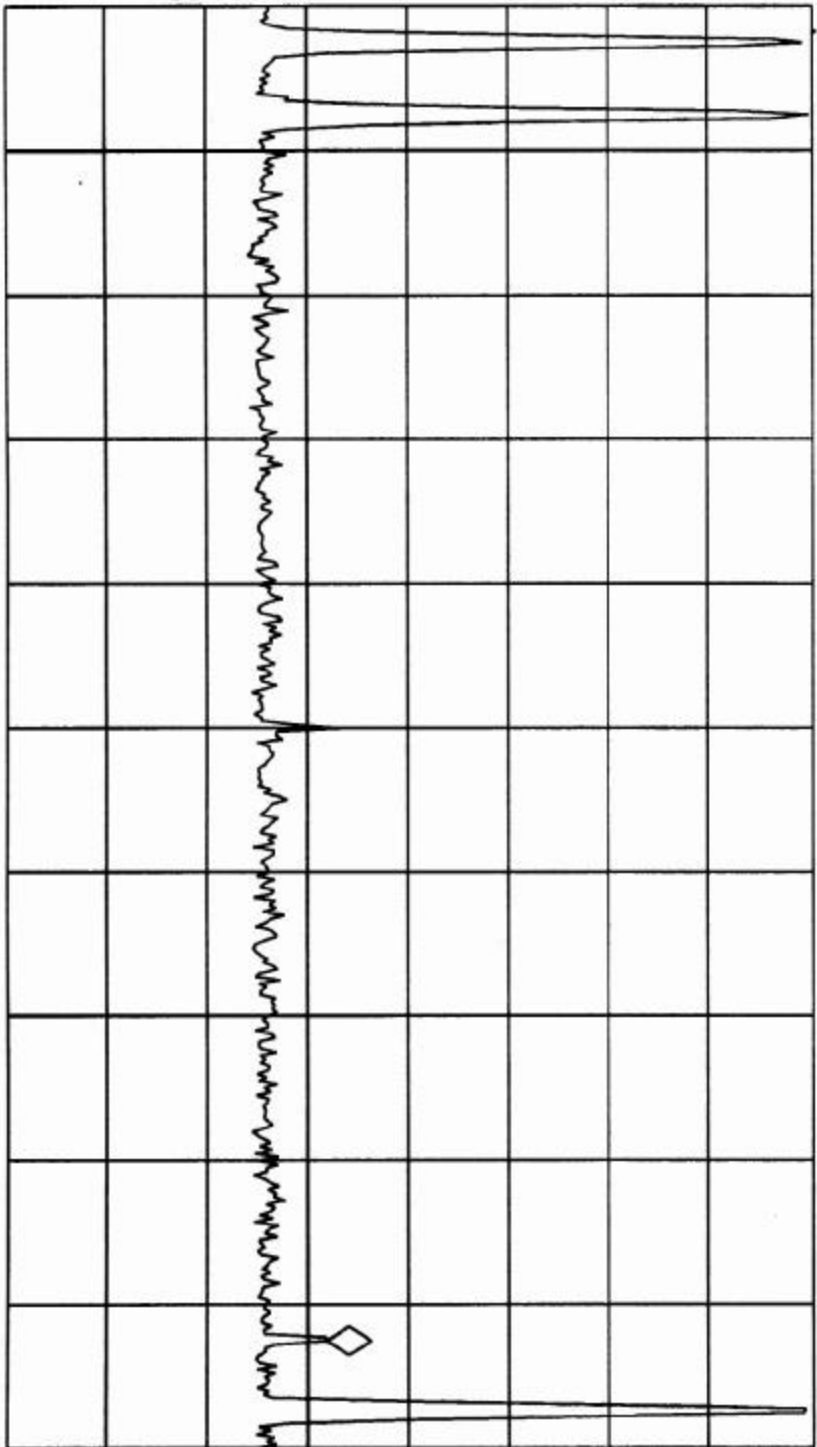
14:33:12 JUN 26, 2002
LGC 1900M (TDMA INTERMOD) UPLINK, LOW CHANNEL (20M)

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.86850 GHZ
-78.34 DBM

REF OFFST 1.5 DB
LOG REF -30.0 DBM

10 DB/
ATN
10 DB

VA SB
SC FC
CORR



247

START 1.85000 GHZ
#IF BW 30 KHZ
#AVG BW 30 KHZ
STOP 1.87000 GHZ
SWP 66.7 msec

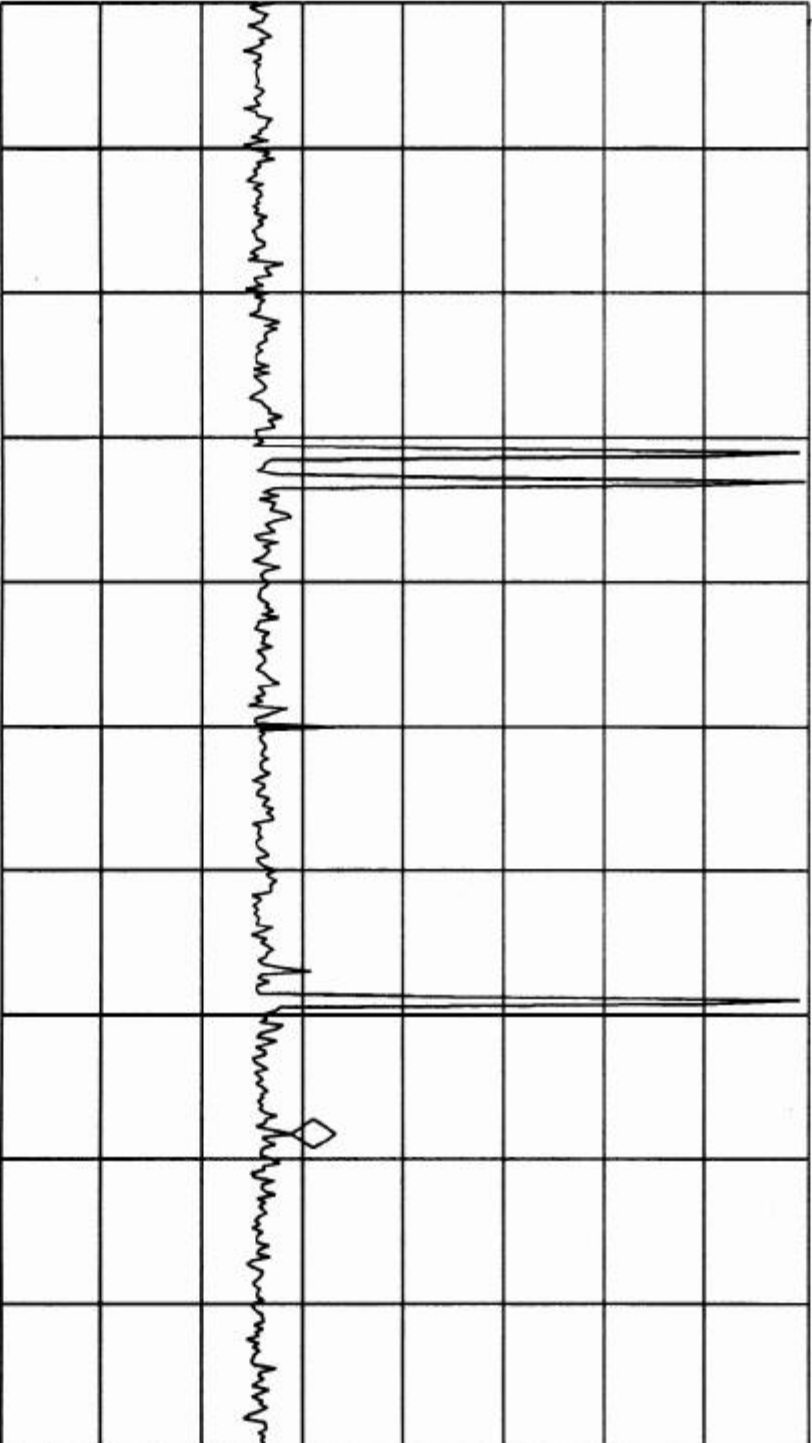
14:34:06 JUN 26, 2002
LGC 1900M (TDMA INTERMOD) UPLINK, LOW CHANNEL (20M)

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.87413 GHZ
-81.33 DBm

REF OFFST 1.5 DB
LOG REF -30.0 DBm

10
dB/
ATN
10 DB

VA SB
SC FC
CORR



248

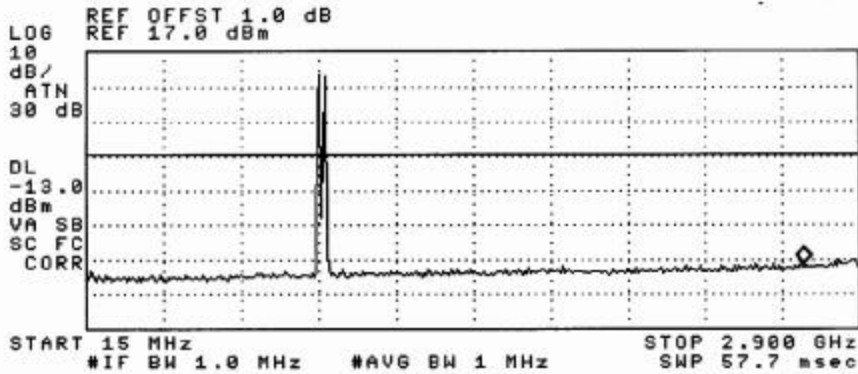
CENTER 1.86000 GHZ
#IF BW 30 KHZ

#AVG BW 30 KHZ

SPAN 50.00 MHZ
SWP 167 msec

17:28:52 JUN 26, 2002
LGC 800M (CDMA INTERMOD OUT-OF-BAND) DOWNLINK (80M)

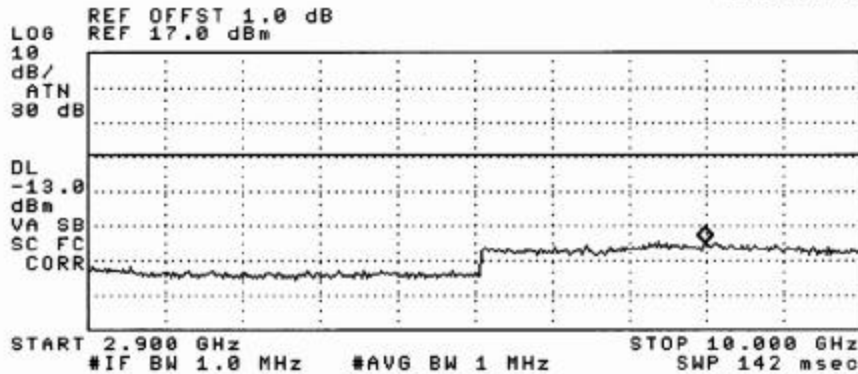
ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 2.691 GHz
-44.41 dBm



44

17:29:15 JUN 26, 2002
LGC 800M (CDMA INTERMOD OUT-OF-BAND) DOWNLINK (80M)

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 8.562 GHz
-38.19 dBm



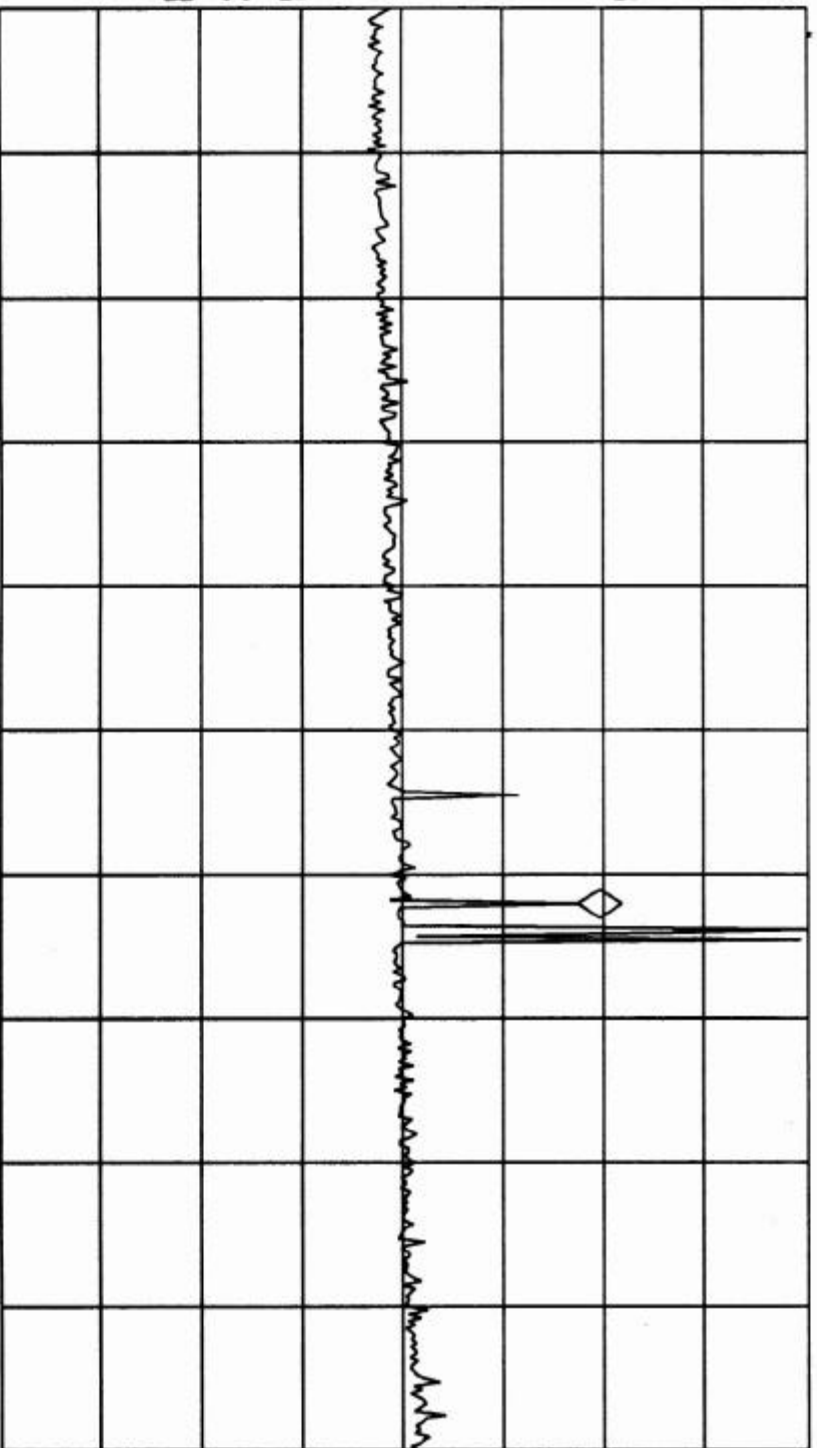
45

14:35:34 JUN 26, 2002
LGC 1900M (TDMA IM OUT-OF-BAND) UPLINK, LOW CH (20M)

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.804 GHZ
-52.95 dBm

REF OFFST 1.5 DB
LOG REF -30.0 DBm

10
dB/
ATN
10 dB



V A SB
SC FC
CORR

START 15 MHZ #IF BW 1.0 MHZ #AVG BW 1 MHZ STOP 2.900 GHZ SWP 57.7 msec

249

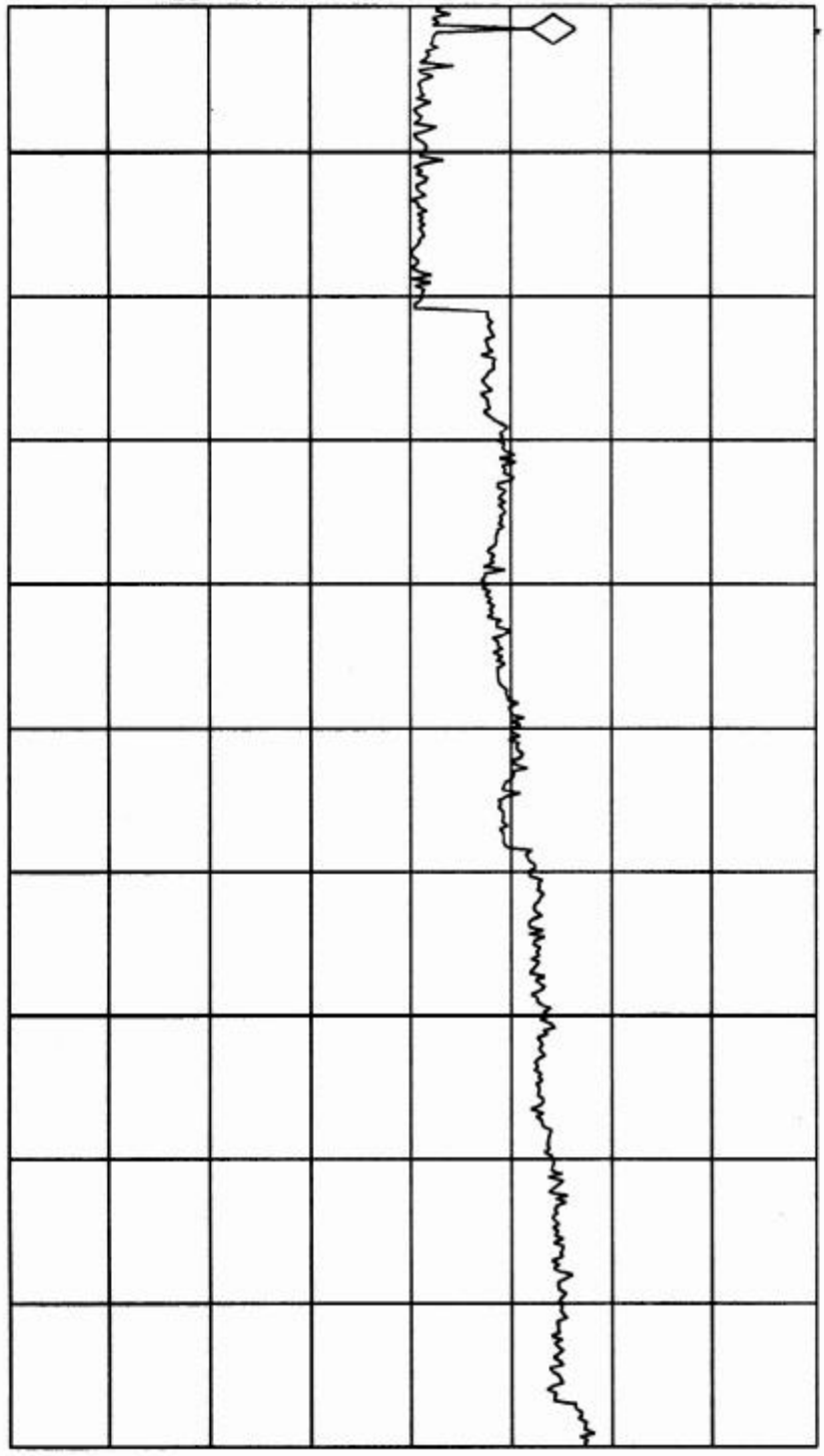
14:36:31 JUN 26, 2002
LGC 1900M (TDMA IM OUT-OF-BAND) UPLINK, LOW CH (20M)

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 3.16 GHz
-58.29 dBm

REF OFFST 1.5 dB
LOG REF -30.0 dBm

10
dB/
ATN
10 dB

V A SB
SC FC
CORR



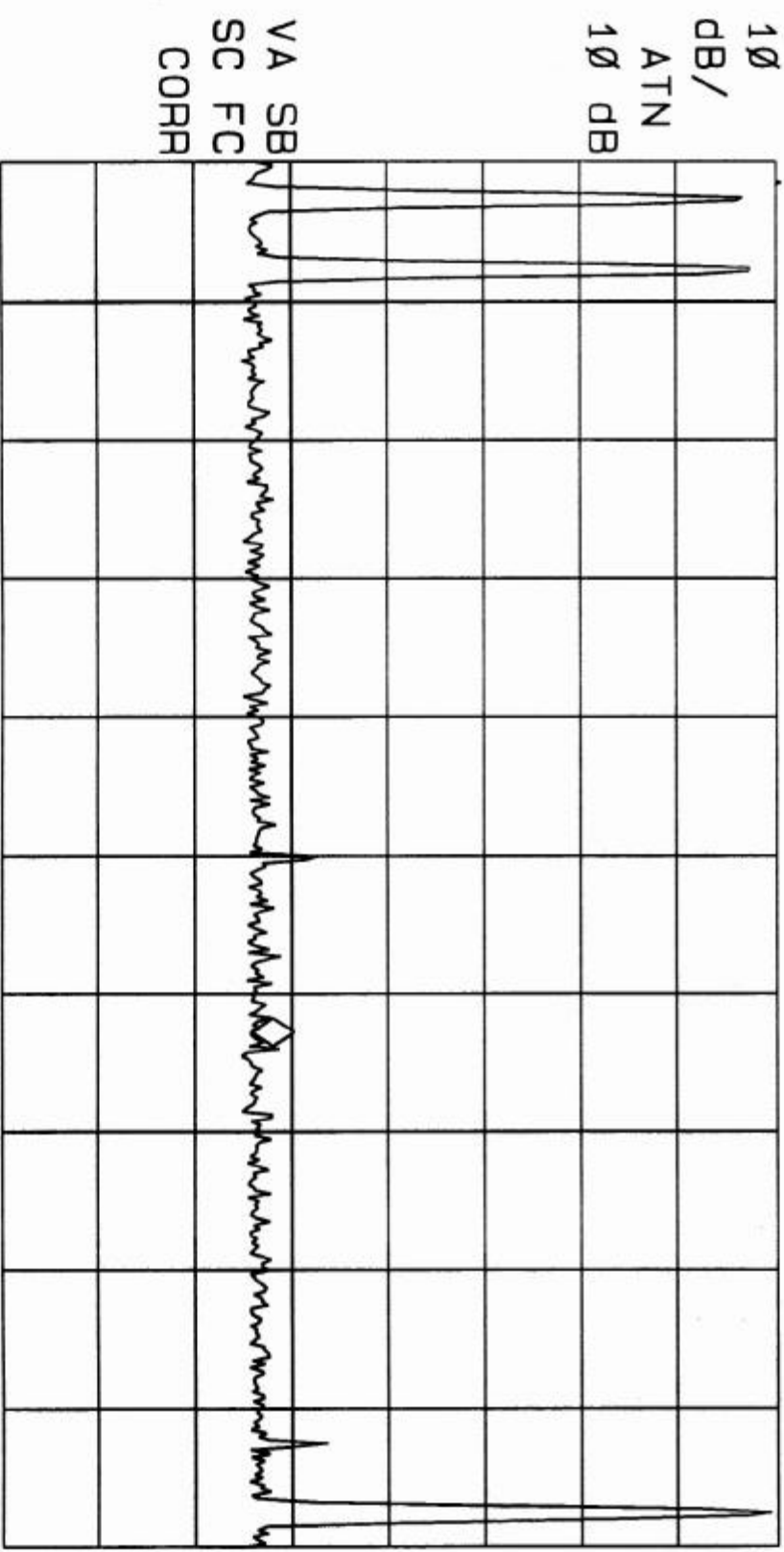
250

START 2.90 GHz
#IF BW 1.0 MHz
#AVG BW 1 MHz
STOP 20.00 GHz
SWP 351 msec

14:56:00 JUN 26, 2002
LGC 1900M (TDMA INTERMOD) UPLINK, MID CH (20M)

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.88255 GHz
-84.34 dBm

REF OFFST 1.5 dB
LOG REF -30.0 dBm



V A SB
S C FC
C O R R

START 1.87000 GHz
#IF BW 30 KHZ
#AVG BW 30 KHZ
STOP 1.89000 GHz
SWP 66.7 msec

251

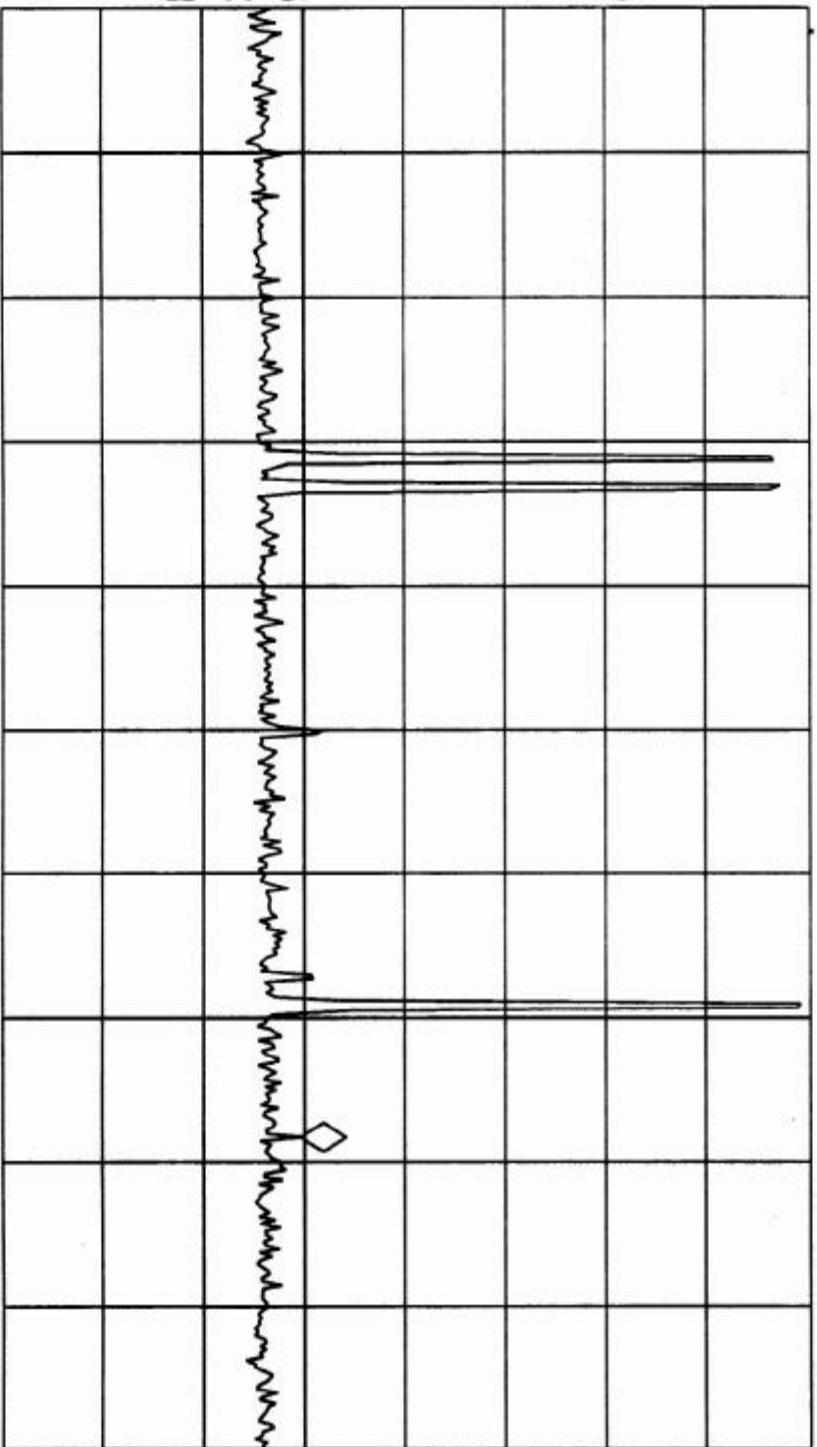
14:56:41 JUN 26, 2002
LGC 1900M (TDMA INTERMOD) UPLINK, MID CH (20M)

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.89413 GHZ
-80.56 dBm

REF OFFST 1.5 DB
LOG REF -30.0 DBM

10
DB/
ATN
10 DB

VA SB
SC FC
CORR



252

CENTER 1.88000 GHZ
#IF BW 30 KHZ
SPAN 50.00 MHZ
#AVG BW 30 KHZ
SWP 167 msec

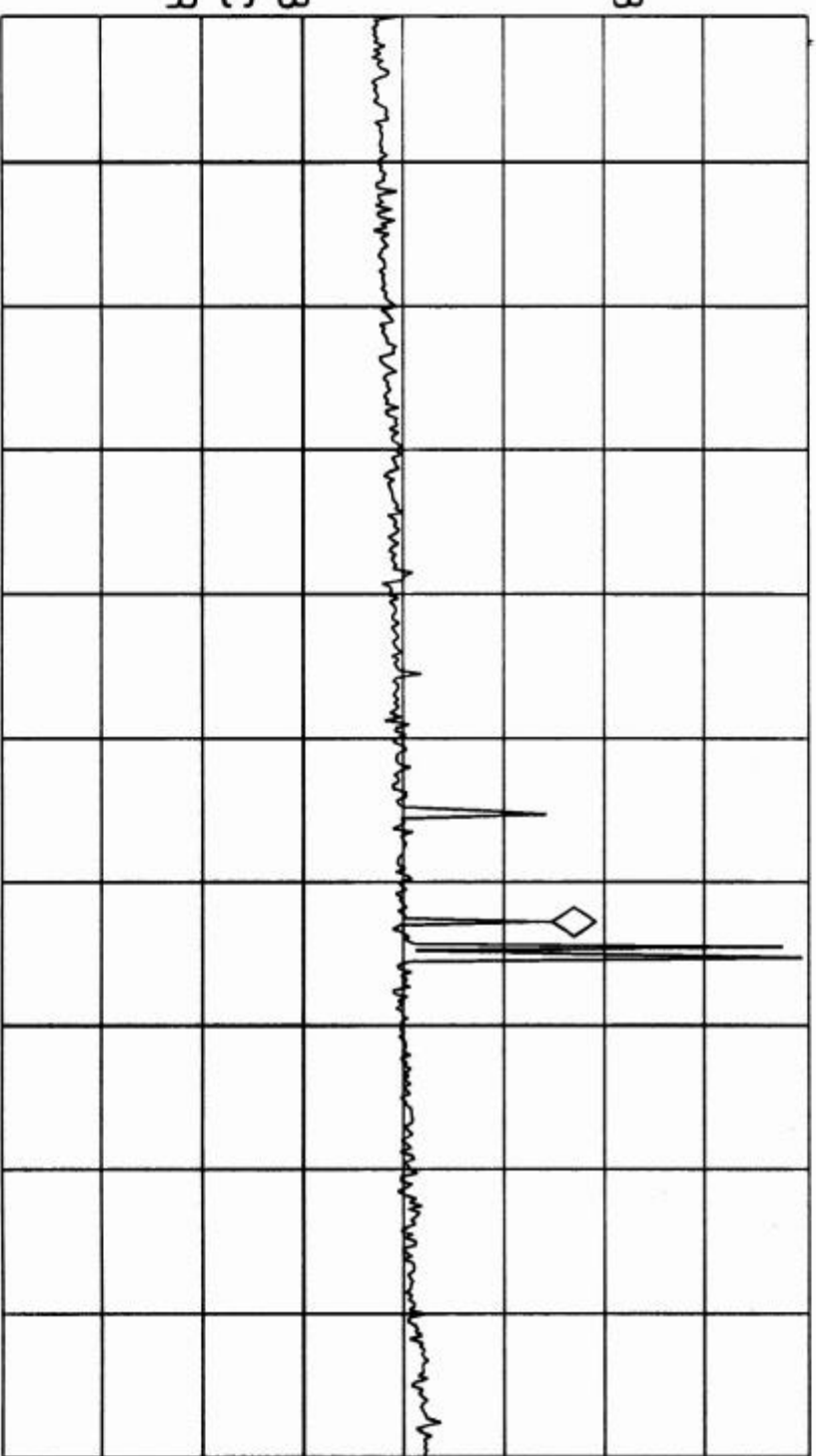
14:55:03 JUN 26, 2002
LGC 1900M (TDMA IM OUT-OF-BAND) UPLINK, MID CH (20M)

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.825 GHZ
-55.59 dBm

REF OFFST 1.5 DB
LOG REF -30.0 DBM

10
dB/
ATN
10 dB

VA SB
SC FC
CORR



253

START 15 MHZ
IF BW 1.0 MHZ
AVG BW 1 MHZ
STOP 2.900 GHZ
SWP 57.7 msec

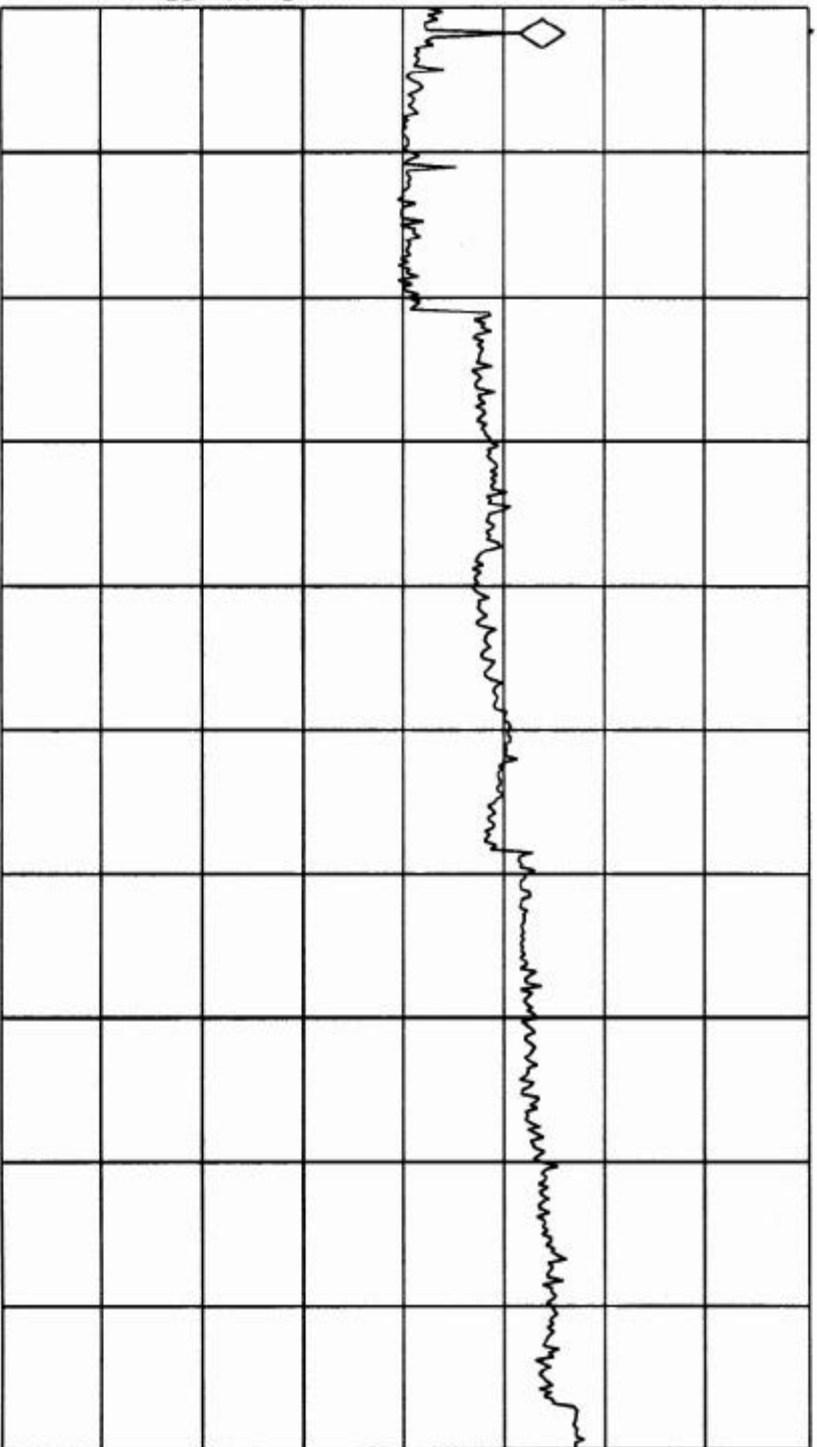
14:54:21 JUN 26, 2002
LGC 1900M (TDMA IM OUT-OF-BAND) UPLINK, MID CH (20M)

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 3.20 GHZ
-58.72 DBM

REF OFFST 1.5 DB
LOG REF -30.0 DBM

10
DB/
ATN
10 DB

V A SB
SC FC
CORR



254

START 2.90 GHZ
#IF BW 1.0 MHZ
#AVG BW 1 MHZ
STOP 20.00 GHZ
SWP 351 msec

14:59:44 JUN 26, 2002

LGC 1900M (TDMA INTERMOD) UPLINK, HI CH (20M)

ACTV DET: PEAK

MEAS DET: PEAK QP AVG

MKR 1.90005 GHz

-76.93 dBm

REF OFFST 1.5 dB

LOG REF -30.0 dBm

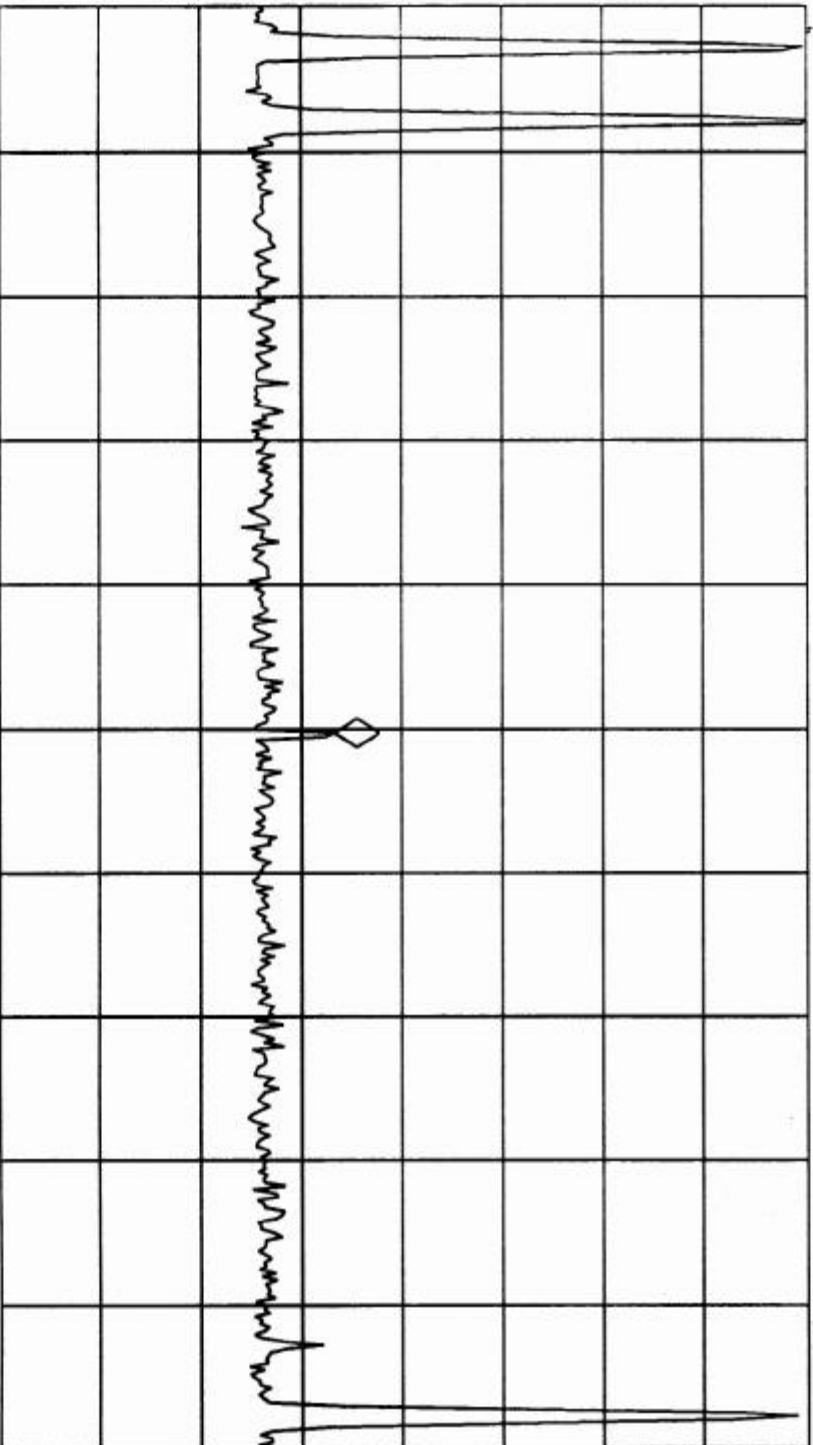
10

dB/

ATN

10 dB

V A SB
SC FC
CORR



255

START 1.89000 GHz

#IF BW 30 KHZ

#AVG BW 30 KHZ

STOP 1.91000 GHz

SMP 66.7 msec

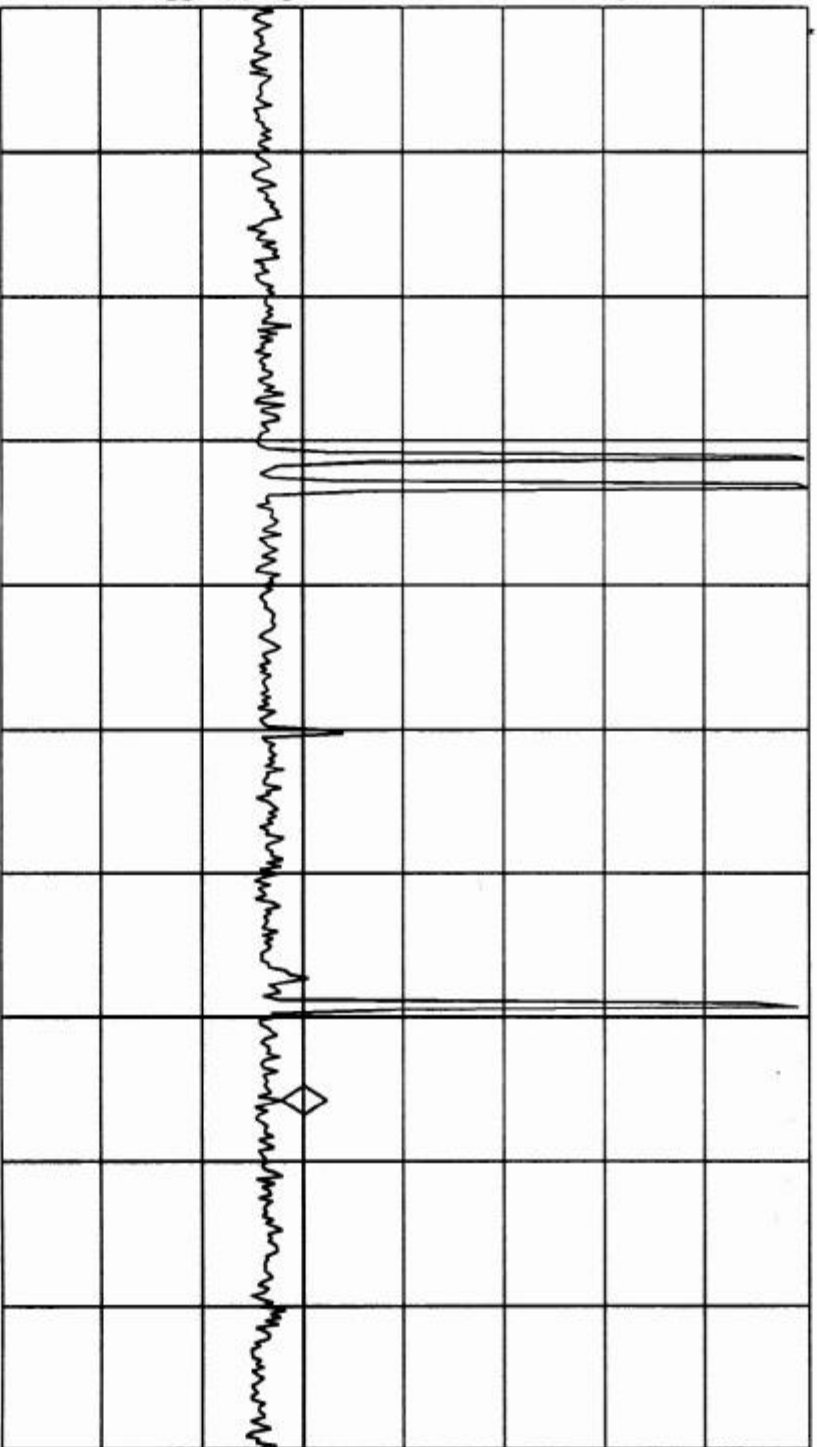
15:00:36 JUN 26, 2002
LGC 1900M (TDMA INTERMOD) UPLINK, HI CH (20M)

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.91288 GHz
-82.30 dBm

REF OFFST 1.5 dB
LOG REF -30.0 dBm

10
dB/
ATN
10 dB

VA SB
SC FC
CORR



256

CENTER 1.90000 GHz
#IF BW 30 KHZ
SPAN 50.00 MHz
#AVG BW 30 KHZ
SWP 167 msec

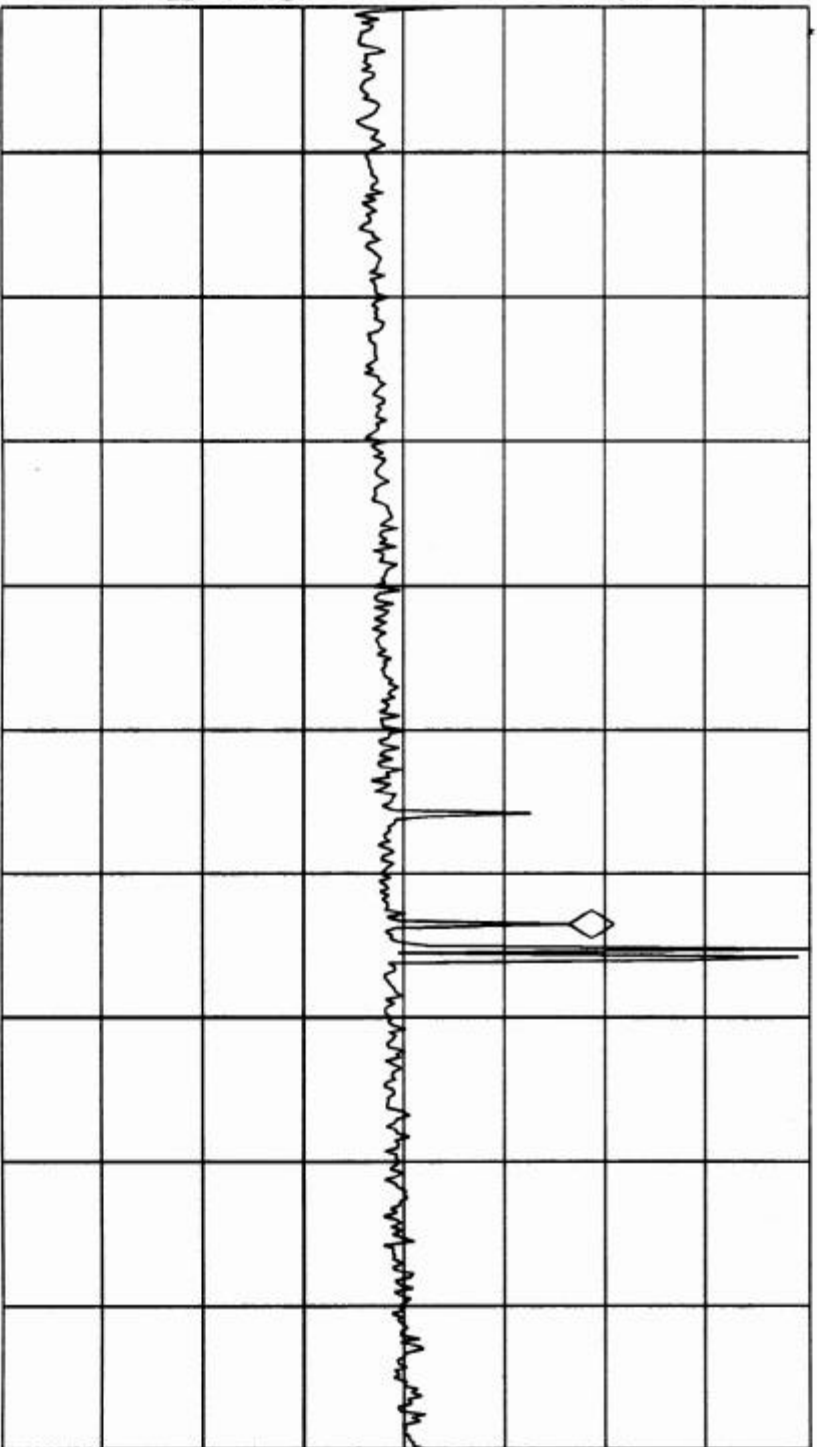
15:01:37 JUN 26, 2002
LGC 1900M (TDMA IM OUT-OF-BAND) UPLINK, HI CH (20M)

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.847 GHZ
-53.91 DBM

REF OFFST 1.5 DB
LOG REF -30.0 DBM

10
DB/
ATN
10 DB

V A SB
SC FC
CORR



257

START 15 MHZ
IF BW 1.0 MHZ
AVG BW 1 MHZ
STOP 2.900 GHZ
SWP 57.7 msec

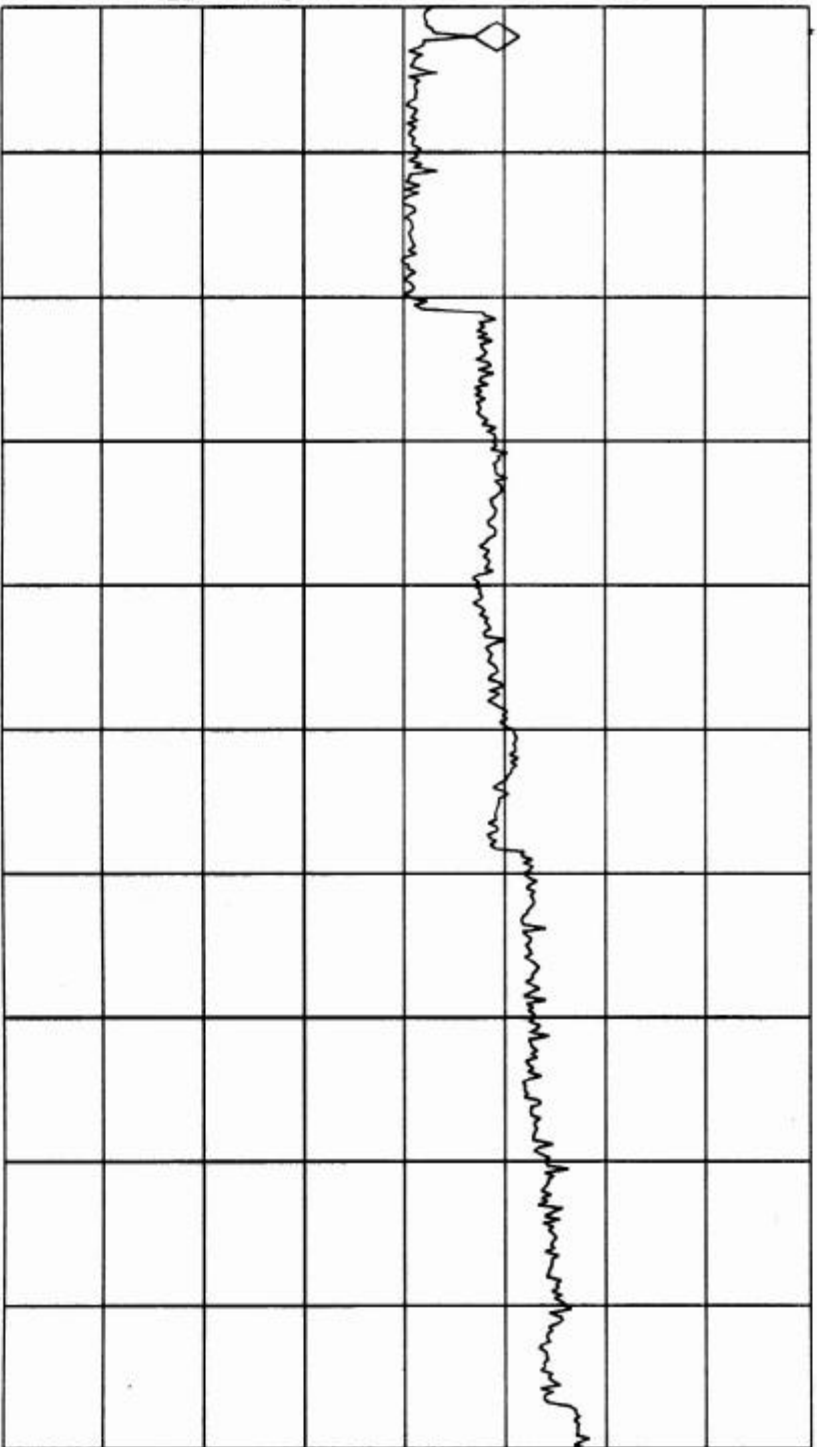
15:02:14 JUN 26, 2002
LGC 1900M (TDMA IM OUT-OF-BAND) UPLINK, HI CH (20M)

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 3.24 GHz
-63.32 dBm

REF OFFST 1.5 dB
LOG REF -30.0 dBm

10
dB/
ATN
10 dB

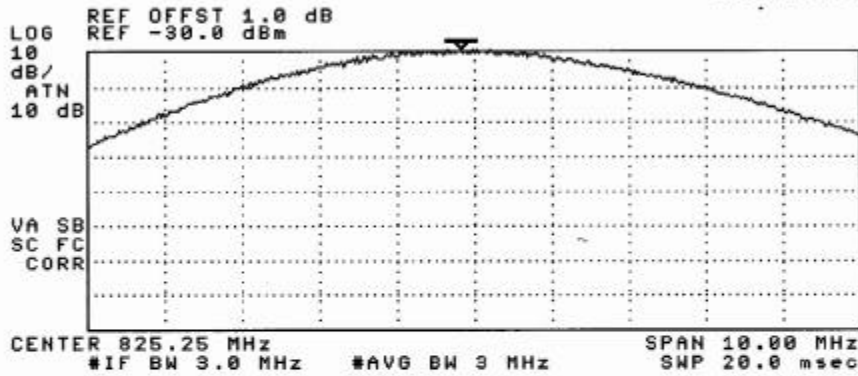
V A SB
SC FC
CORR



258

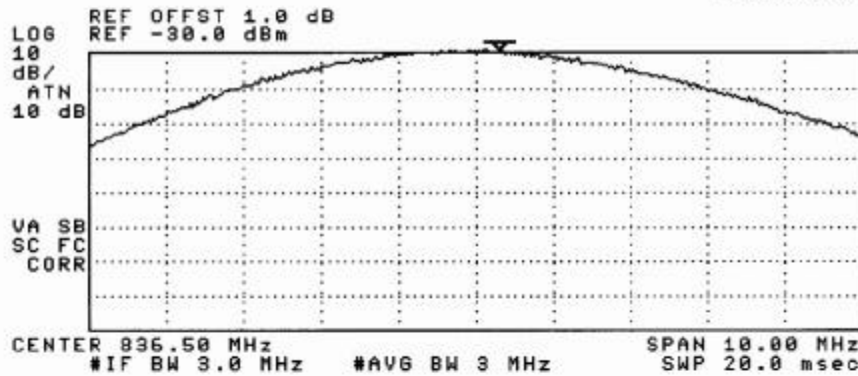
START 2.90 GHz
#IF BW 1.0 MHz
#AVG BW 1 MHz
STOP 20.00 GHz
SWP 351 msec

18:55:36 JUN 26, 2002
 LGC 800M (CDMA OUTPUT POWER) UPLINK, LOW CH (80M)
 ACTV DET: PEAK
 MEAS DET: PEAK QP AVG
 MKR 825.08 MHz
 -29.42 dBm



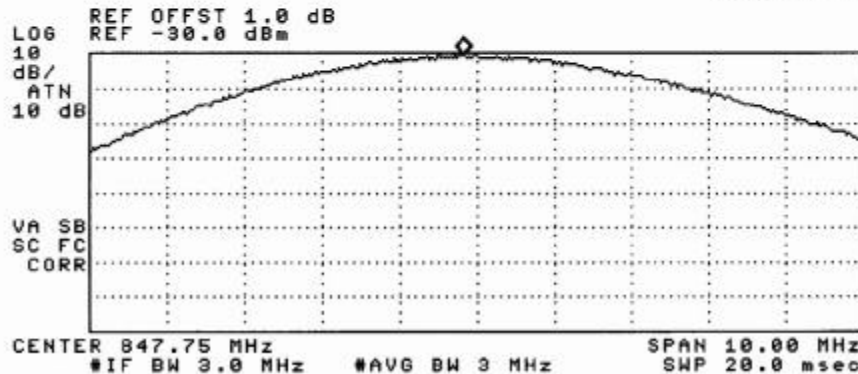
46

18:56:03 JUN 26, 2002
 LGC 800M (CDMA OUTPUT POWER) UPLINK, MID CH (80M)
 ACTV DET: PEAK
 MEAS DET: PEAK QP AVG
 MKR 836.00 MHz
 -29.25 dBm



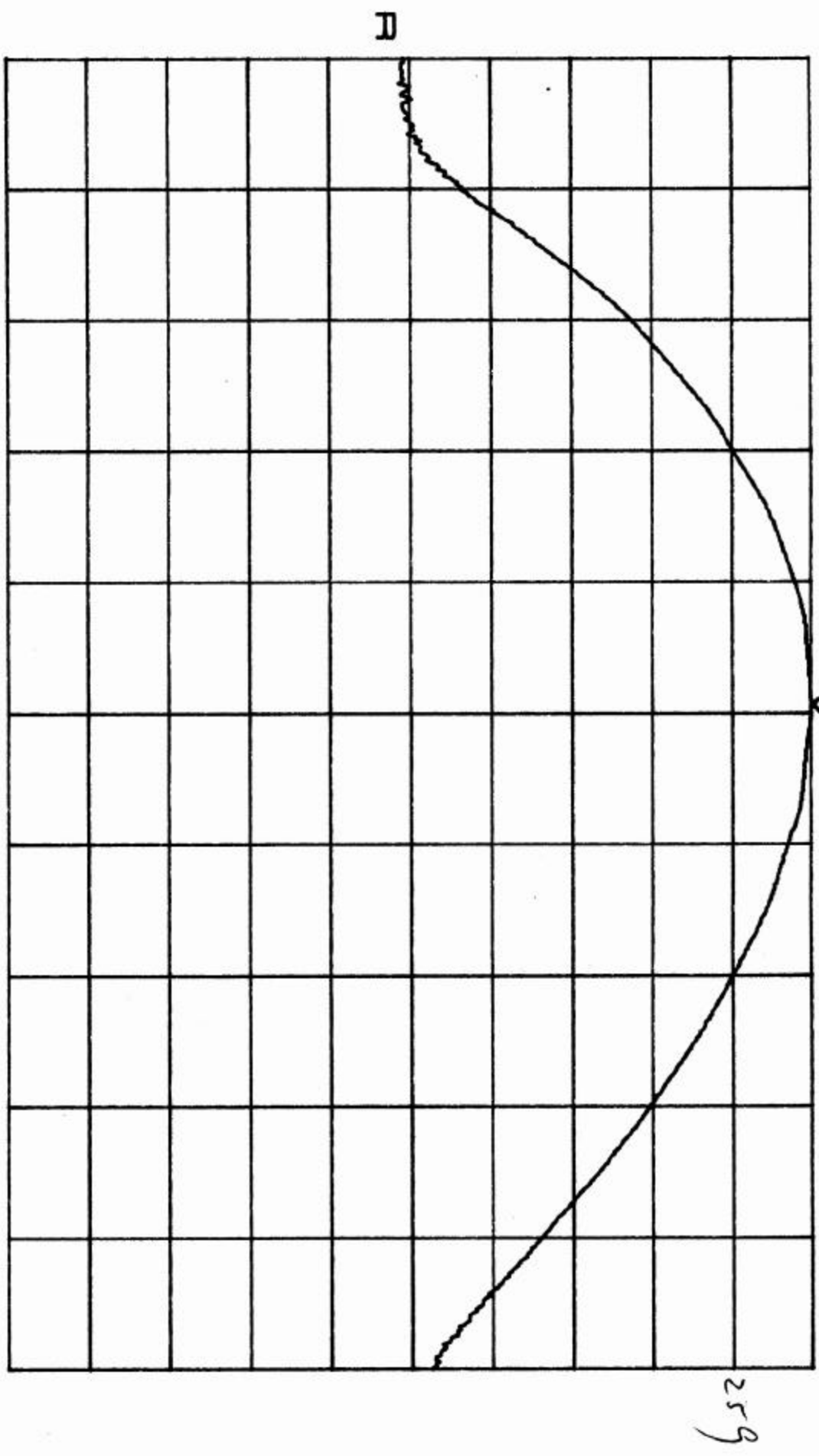
47

18:56:43 JUN 26, 2002
 LGC 800M (CDMA OUTPUT POWER) UPLINK, HI CH (80M)
 ACTV DET: PEAK
 MEAS DET: PEAK QP AVG
 MKR 847.58 MHz
 -30.53 dBm



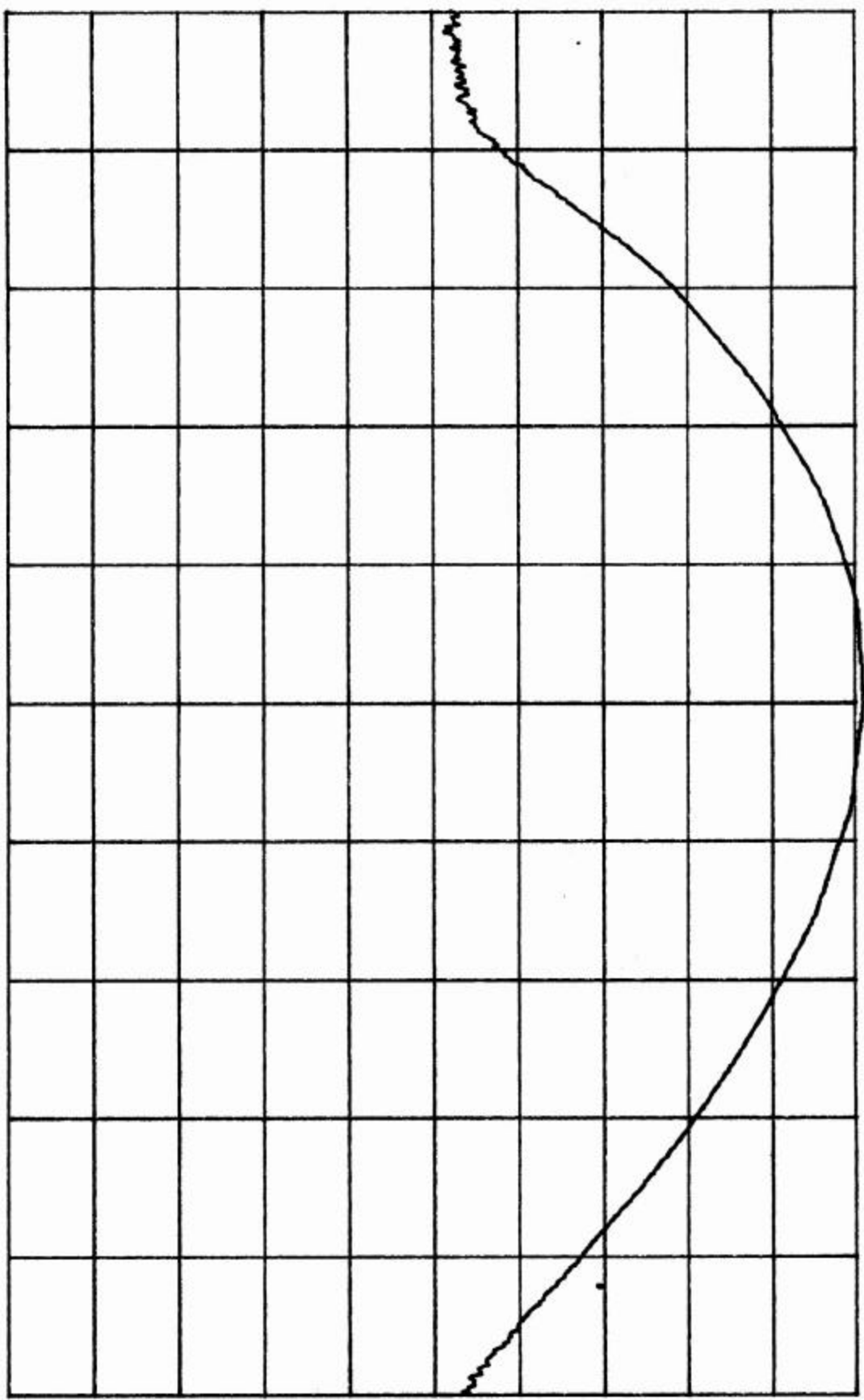
48

LG C 1940M (CW OUTPUT POWER) DOWNLINK, LOW CHANNEL (AOM)
ATTEN 30DB
RL 16.00DBM
MKR 16.00DBM
1.93118GHZ
10DB/0



CENTER 1.93125GHZ
SPAN 10.00MHZ
*RBW 2.0MHZ *VBW 3.0MHZ
SWP 50.0ms

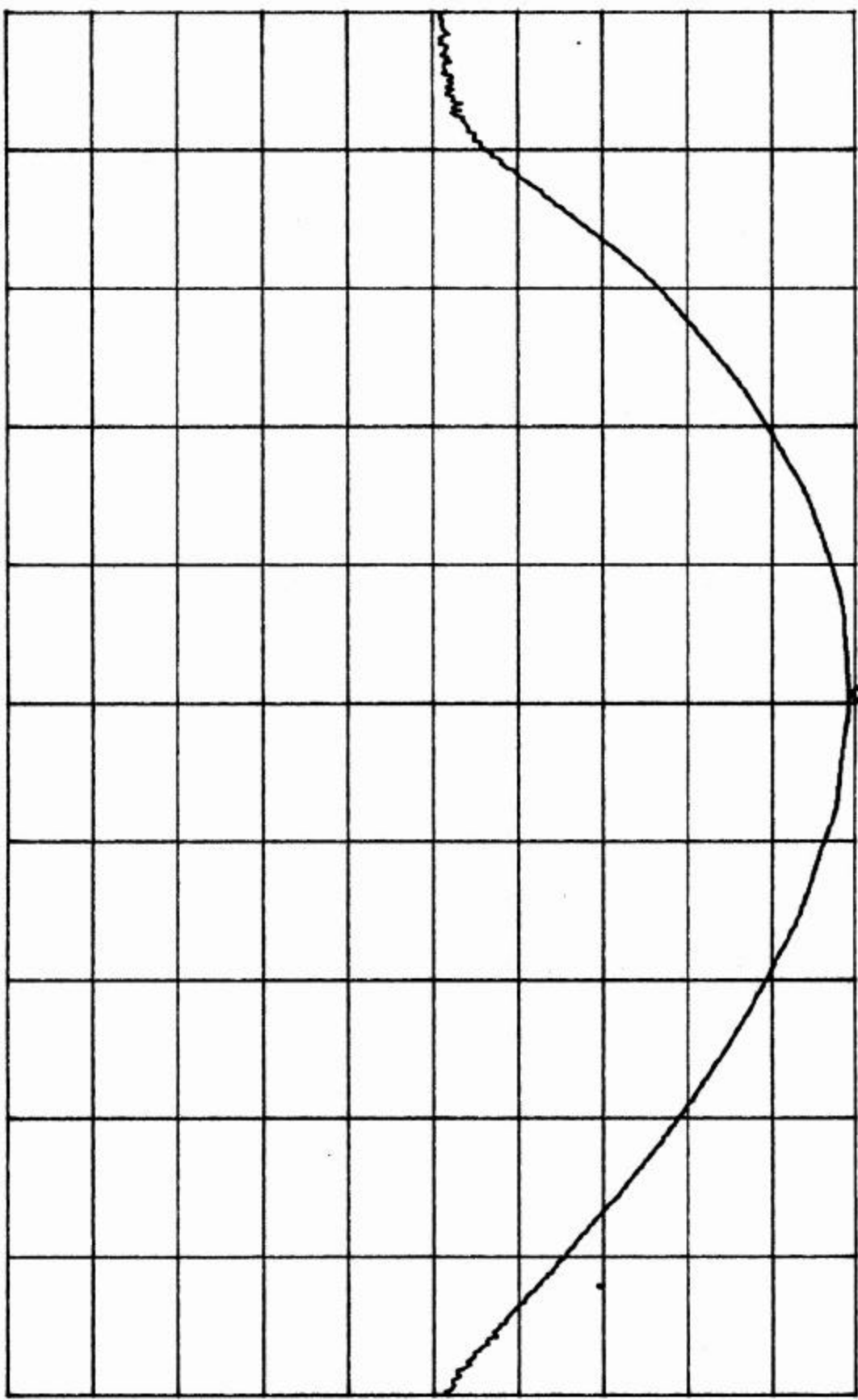
LG C 1900M (CW OUTPUT POWER) DOWNLINK, MID CHANNEL (40M)
ATTEN 30DB
RL 16.0DBM
10DB/6
1.95990GHZ
MKR 16.83DBM



CENTER 1.96000GHZ
SPAN 10.00MHZ
*RBW 2.0MHZ *VBW 3.0MHZ
SWP 50.0ms

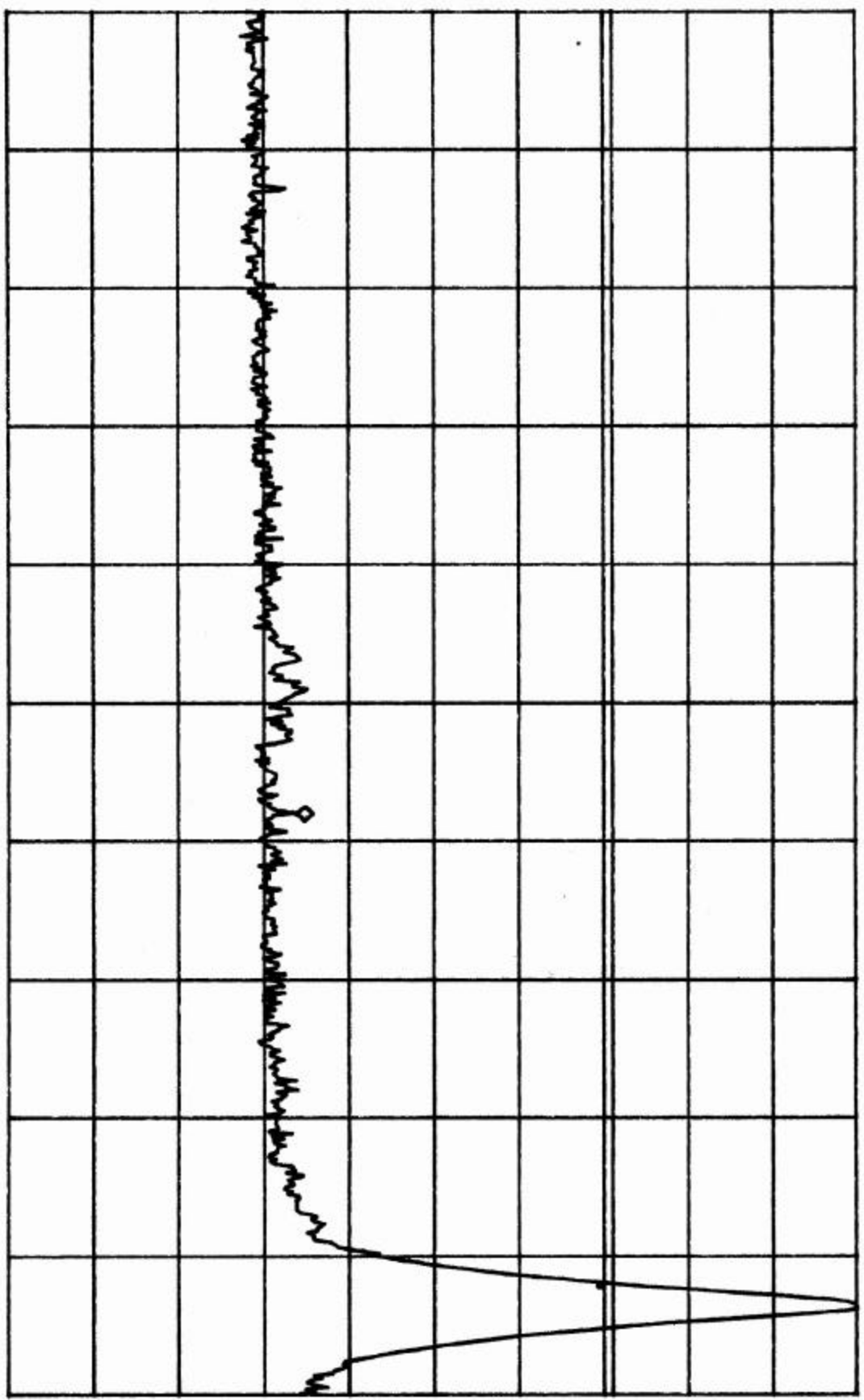
260

LG C 1900M (CW OUTPUT POWER) DOWN LINK, HIGH CHANNEL (80M)
ATTEN 30DB
RL 16.0DBM
MKR 15.17DBM
1.98868GHZ



CENTER 1.98875GHZ
SPAN 10.00MHZ
*RBW 2.0MHZ *VBW 3.0MHZ SWP 50.0ms

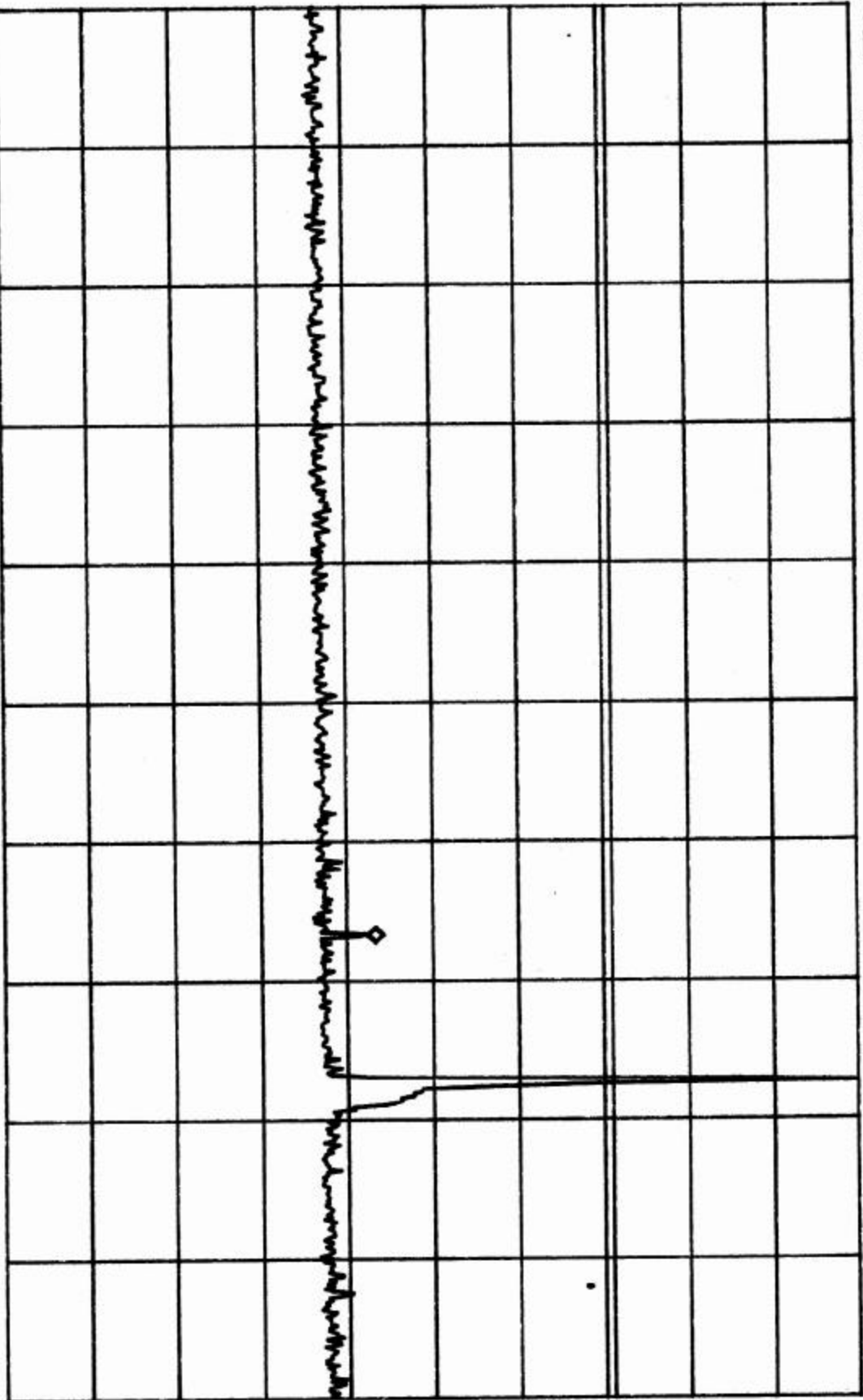
LG 194M (CW BOTTOM BAND EDGE) DOWNLINK, LOW CHANNEL (80M)
ATTEN 30DB MKR -50.17DBM
RL 16.0DBM 10DB/ 1.929500GHZ



CENTER 1.929100GHZ SPAN 5.000MHZ
*RBW 30KHZ *VBW 30KHZ SWP 50.0ms

262

LG 1900M (CW OUT-OF-BAND) DOWNLINK, LOW CHANNEL (FORM)
ATTEN 30DB MKR -41.67DBM
RL 16.0DBM 10DB/ 1.672GHZ

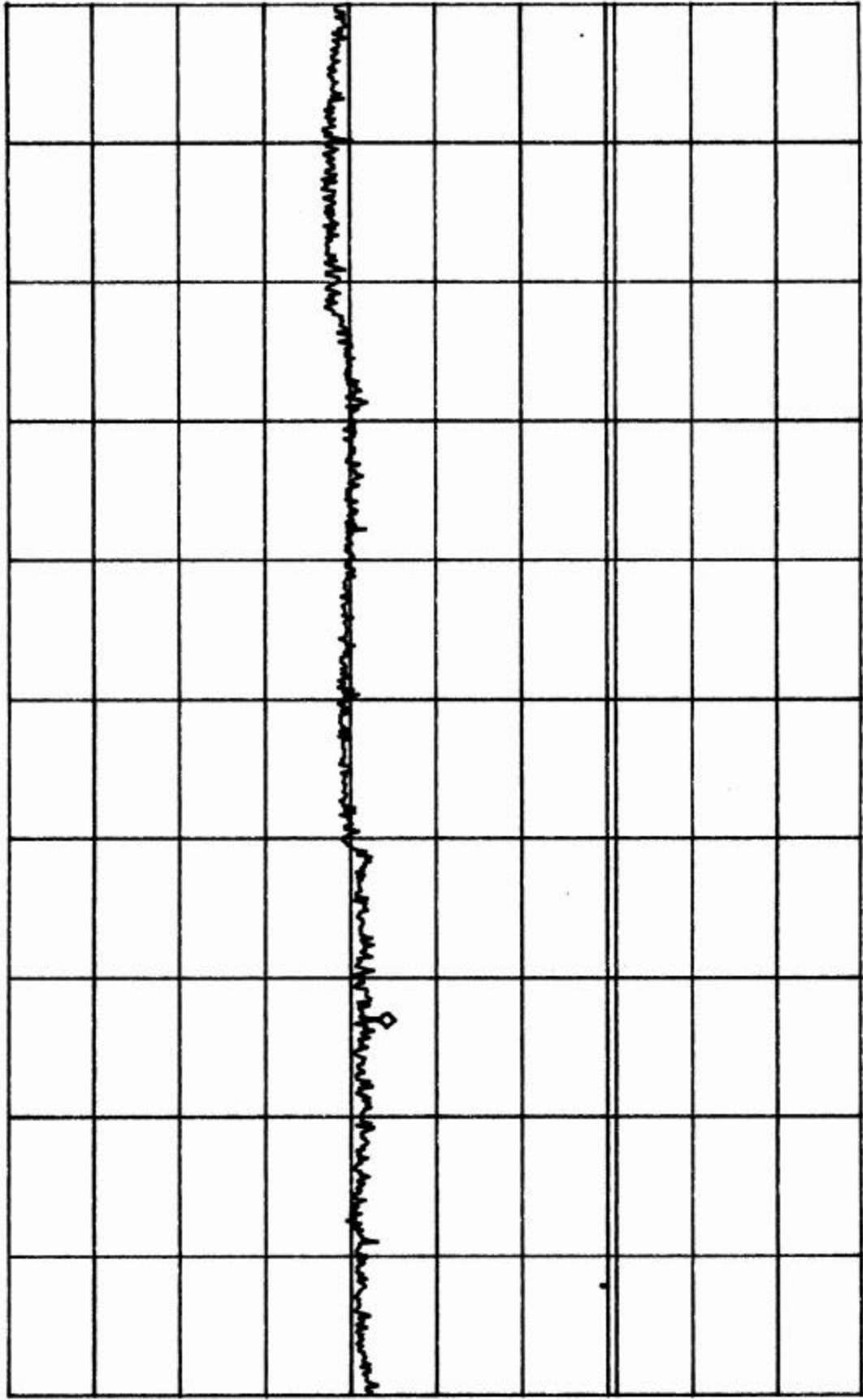


263

R

START 15MHZ STOP 2.500GHZ
*RBW 1.0MHZ *VBW 1.0MHZ SWP 50.0ms

LGC 1900M (CAL OFF-F-BAND) DOWNLINK LOW CHANNEL (LOW)
 ATTEN 30DB MKR -40.83DBM
 RL 16.0DBM 10DB/ 15.28GHZ

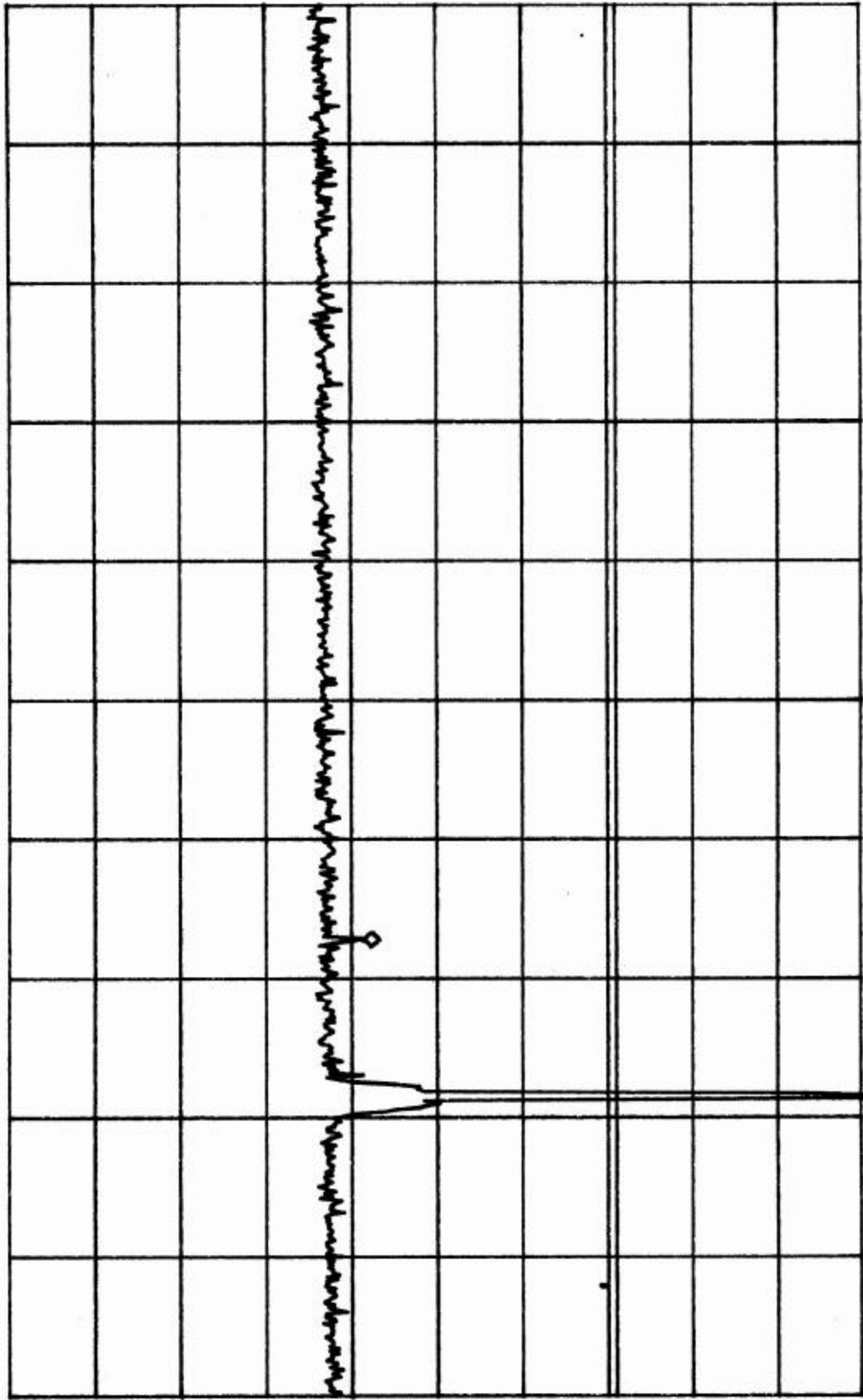


R

264

START 2.50GHZ STOP 20.00GHZ
 *RBW 1.0MHZ *VBW 1.0MHZ SWP 350MS

LG C 19φφM (CW OFF-OF-BAND) DOWN LINK, MID CHANNEL (80M)
ATTEN 30DB MKR -42.67DBM
RL 16.0DBM 10DB/ 1.684GHZ

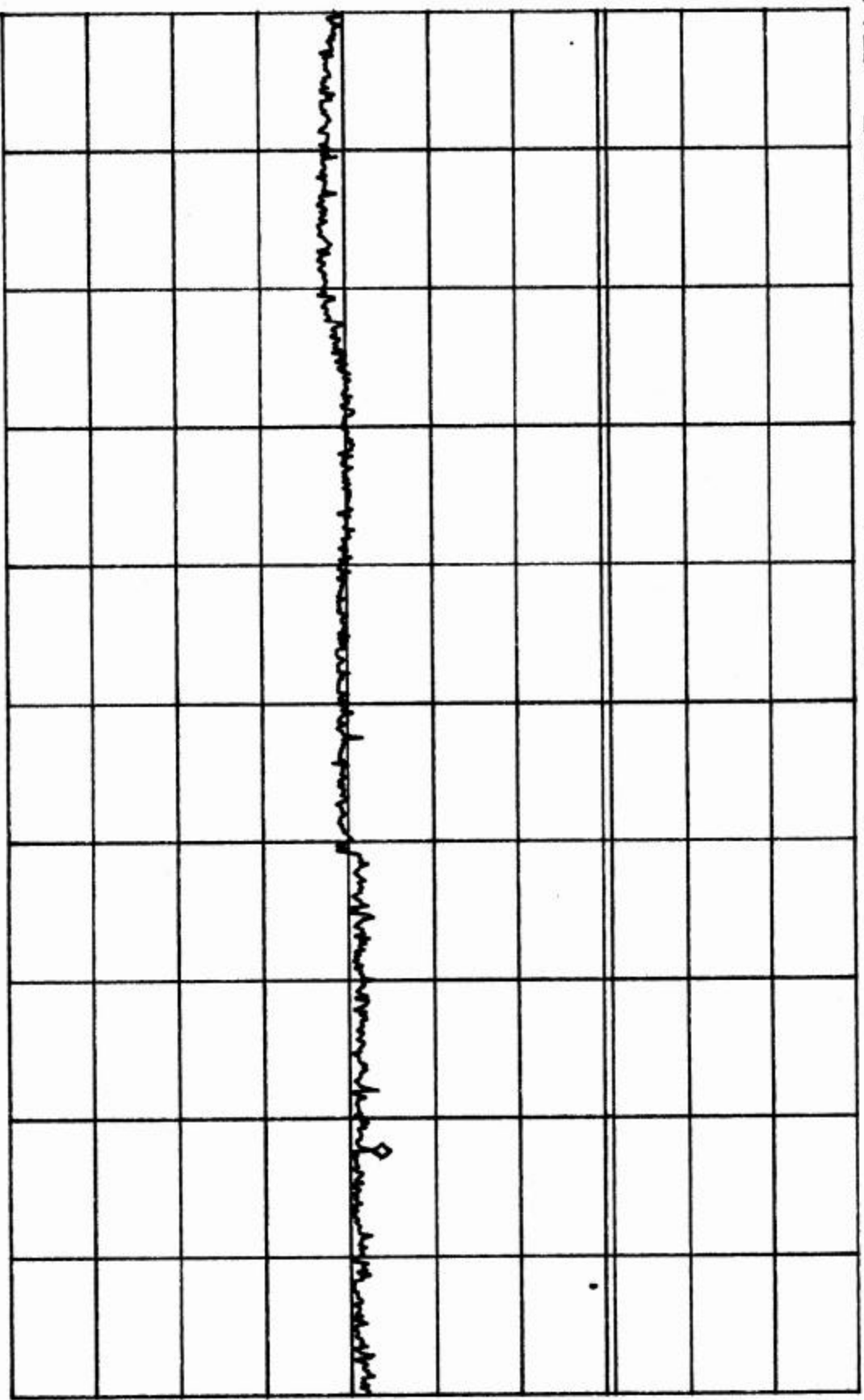


245

R

START 15MHZ STOP 2.500GHZ
*RBW 1.0MHZ *VBW 1.0MHZ SWP 50.0ms

LGC 1944M (CW OUT-OF-BAND) DownLink, MID CHANNEL (DM)
 ATTEN 30DB MKR -41.33DBM
 PL 16.0DBM 10DB/ 16.91GHZ

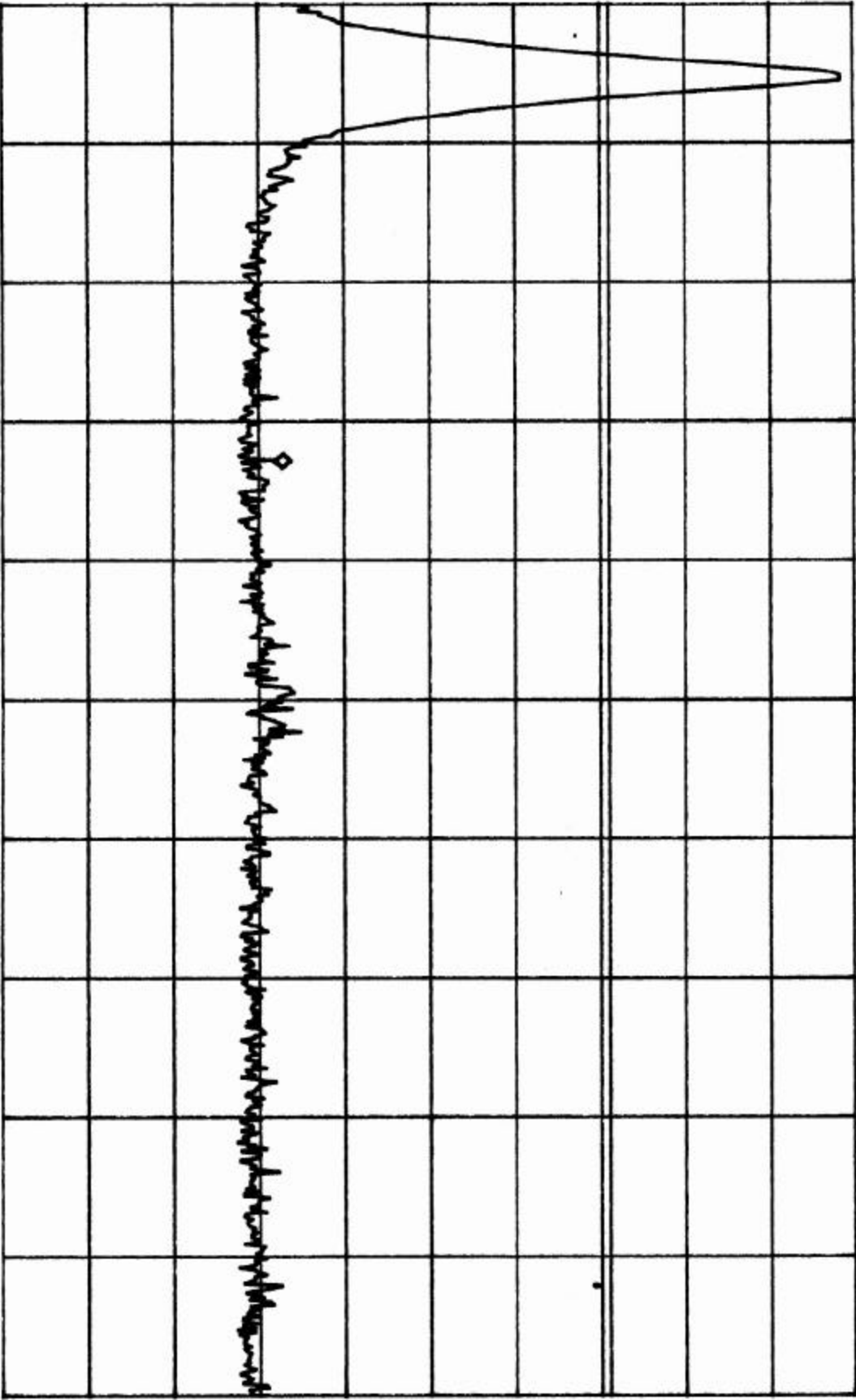


F

START 2.50GHZ STOP 20.00GHZ
 *RBW 1.0MHZ *VBW 1.0MHZ SWP 350MS

266

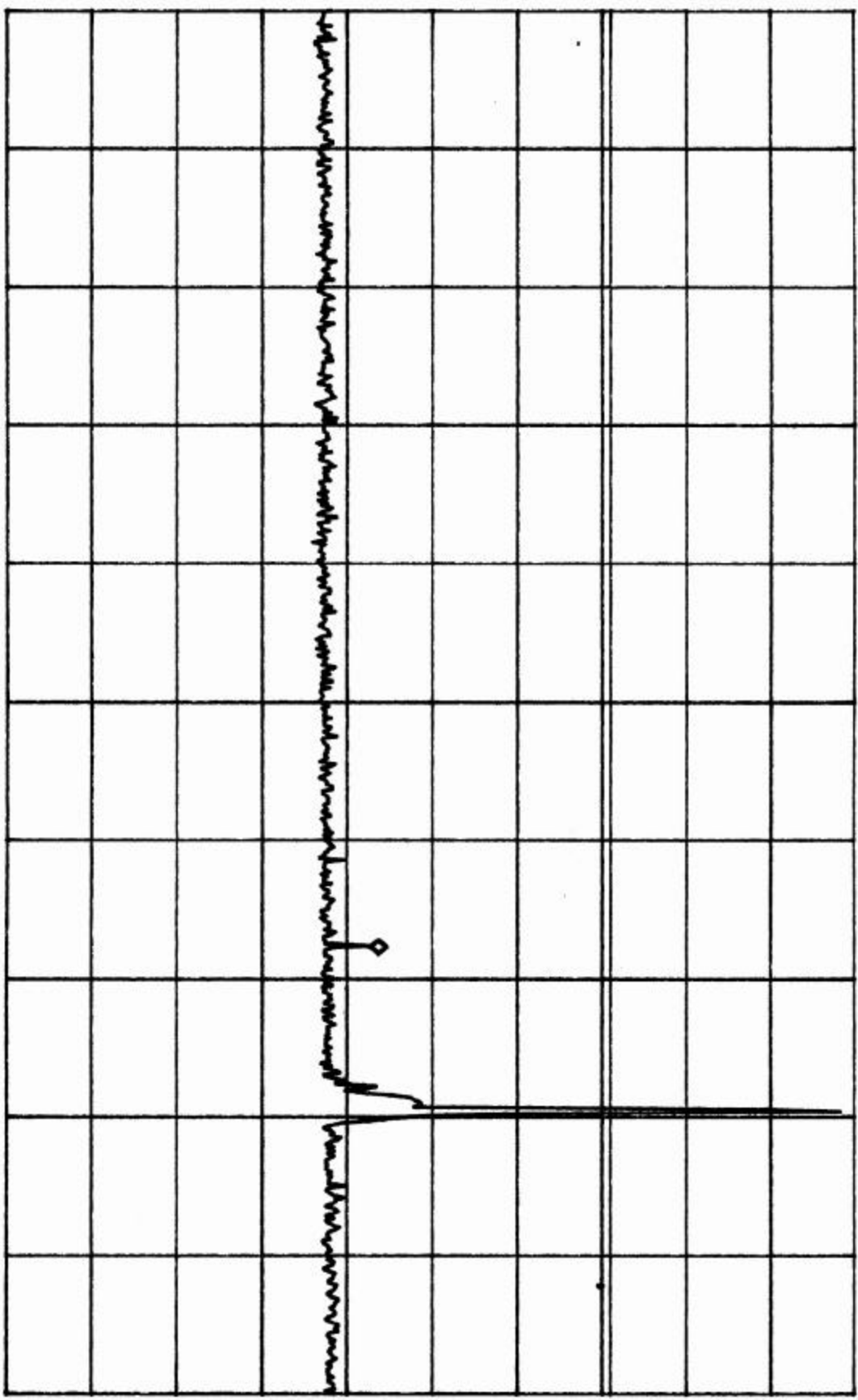
LG C 1900 M (CU UPPER BAND EDGE) DownLink, HIGH CHANNEL (20M)
ATTEN 30DB MKR -52.17DBm
RL 16.0DBm 10DB/ 1.990142GHZ



CENTER 1.991000GHZ SPAN 5.000MHZ
*RBW 30KHZ *VBW 30KHZ SWP 50.0ms

267

LG 1900M (CU OUT-OF-BAND) DOWNLINK, HIGH CHANNEL (80M)
ATTEN 30DB MKR -41.33DBM
RL 16.0DBM 10DB/ 1.697GHZ

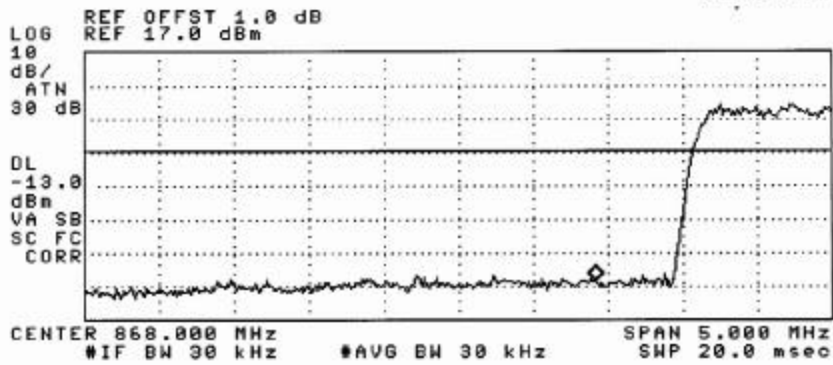


268

START 15MHZ STOP 2.500GHZ
*RBW 1.0MHZ *VBW 1.0MHZ SWP 50.0ms

16:51:31 JUN 26, 2002
LGC 800M (CDMA BOTTOM BAND EDGE) DOWNLINK, LO CH (20M)

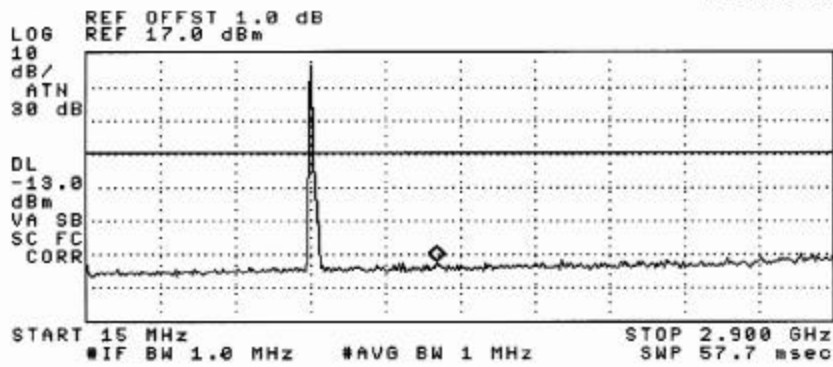
ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 868.913 MHz
-51.30 dBm



4

16:52:32 JUN 26, 2002
LGC 800M (CDMA OUT-OF-BAND) DOWNLINK, LO CH (20M)

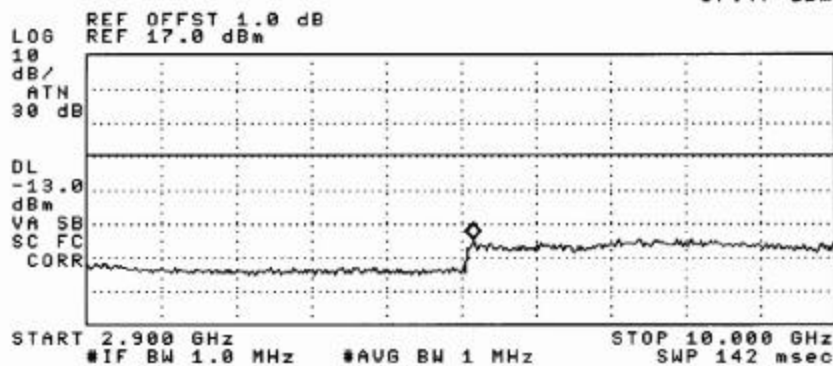
ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.364 GHz
-45.46 dBm



5

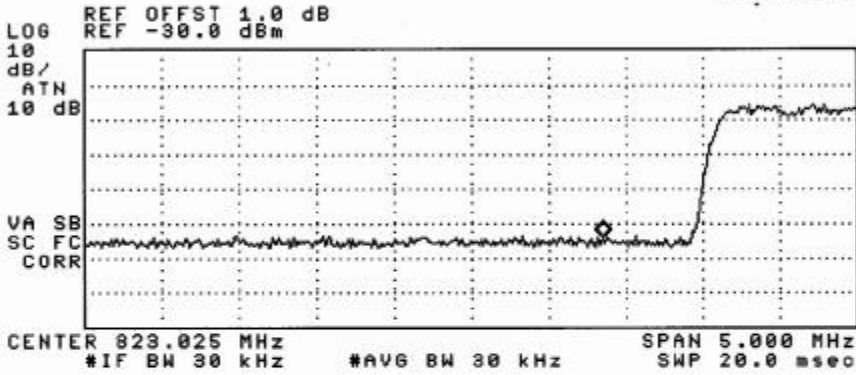
16:53:06 JUN 26, 2002
LGC 800M (CDMA OUT-OF-BAND) DOWNLINK, LO CH (20M)

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 6.557 GHz
-37.47 dBm



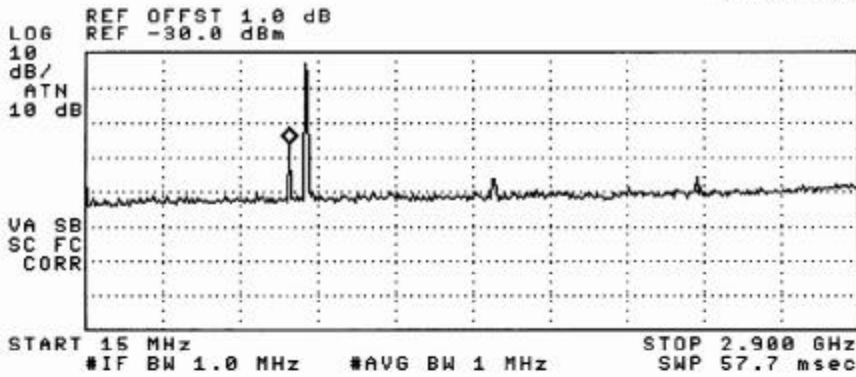
6

18:58:35 JUN 26, 2002
LGC 800M (CDMA BOTTOM BAND EDGE) UPLINK, LOW CH (80M)
ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 823.875 MHz
-84.04 dBm



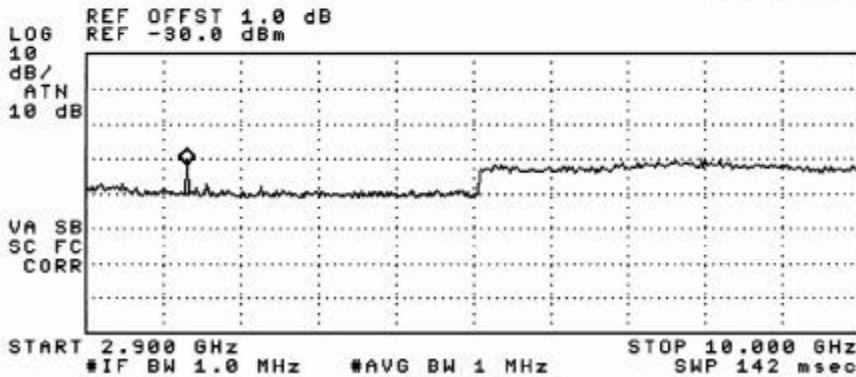
49

18:59:20 JUN 26, 2002
LGC 800M (CDMA OUT-OF-BAND) UPLINK, LOW CH (80M)
ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 772 MHz
-56.50 dBm



50

18:59:42 JUN 26, 2002
LGC 800M (CDMA OUT-OF-BAND) UPLINK, LOW CH (80M)
ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 3.823 GHz
-62.04 dBm



51

LGC 1844M (CW out-of-band) Down Link, HIGH Channel (40M)

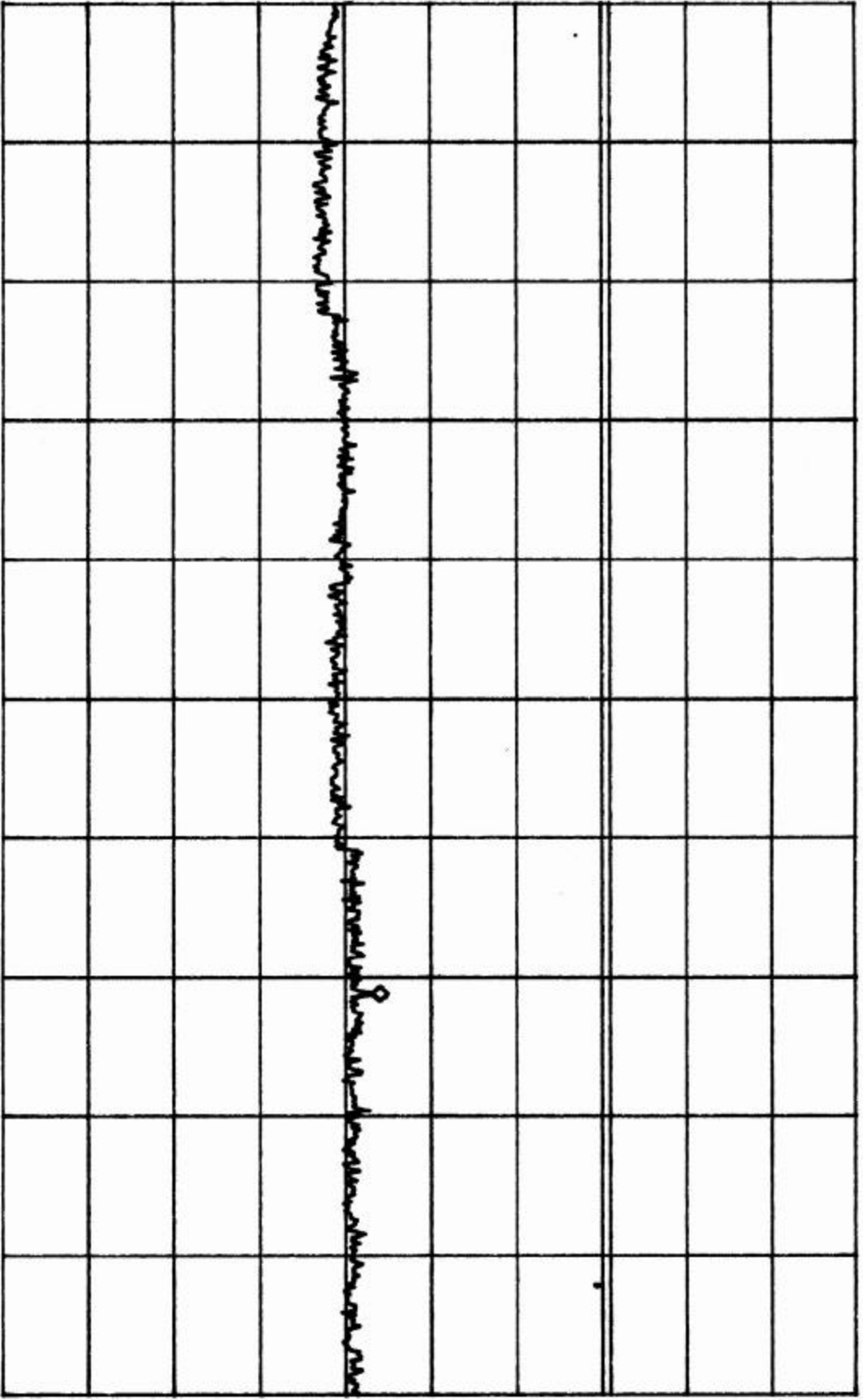
ATTEN 30DB

MKR -41.00DBM

RL 16.0DBM

10DB/

14.95GHZ



F

269

START 2.50GHZ

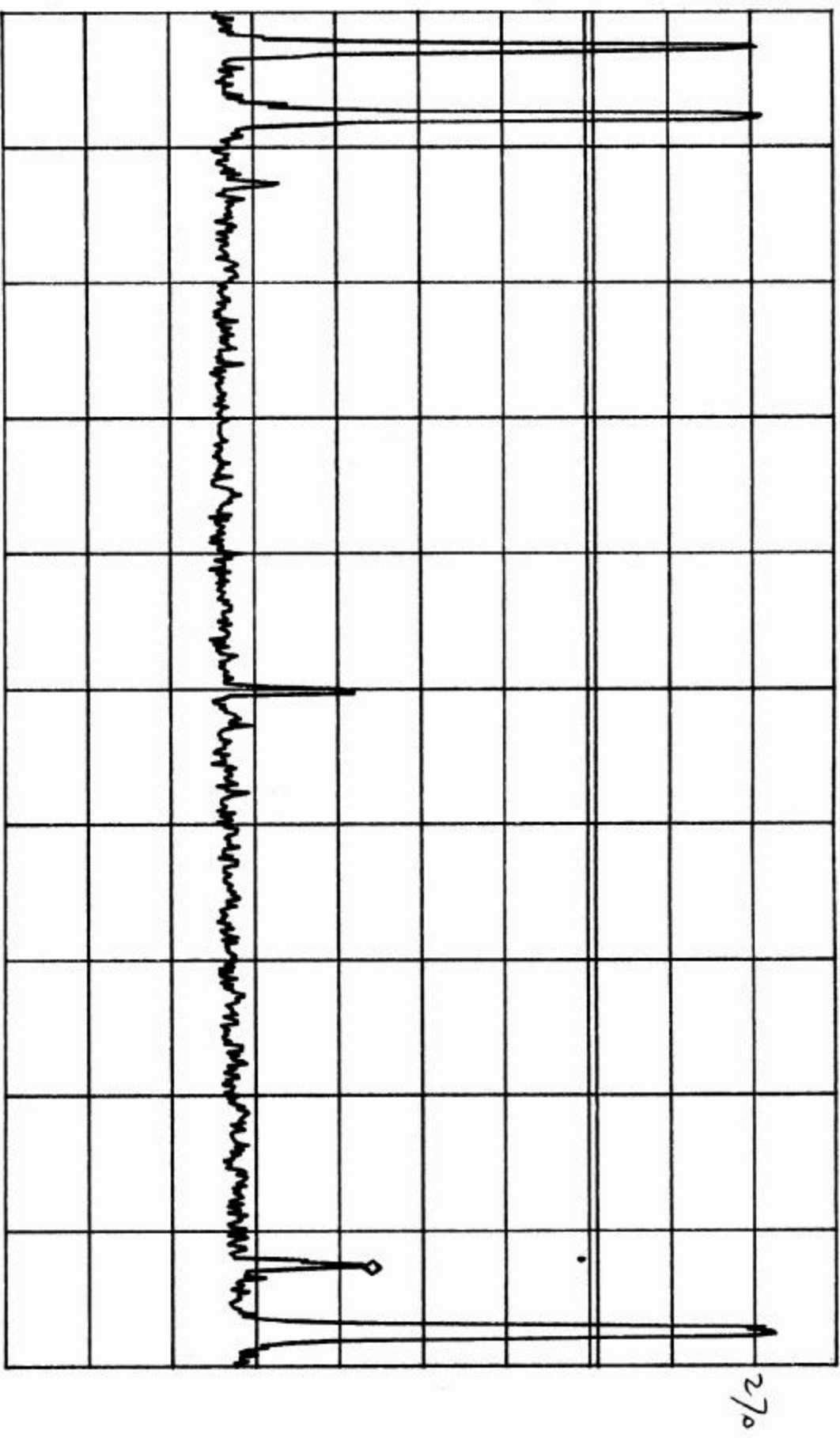
STOP 20.00GHZ

*RBW 1.0MHZ

*VBW 1.0MHZ

SMP 350MS

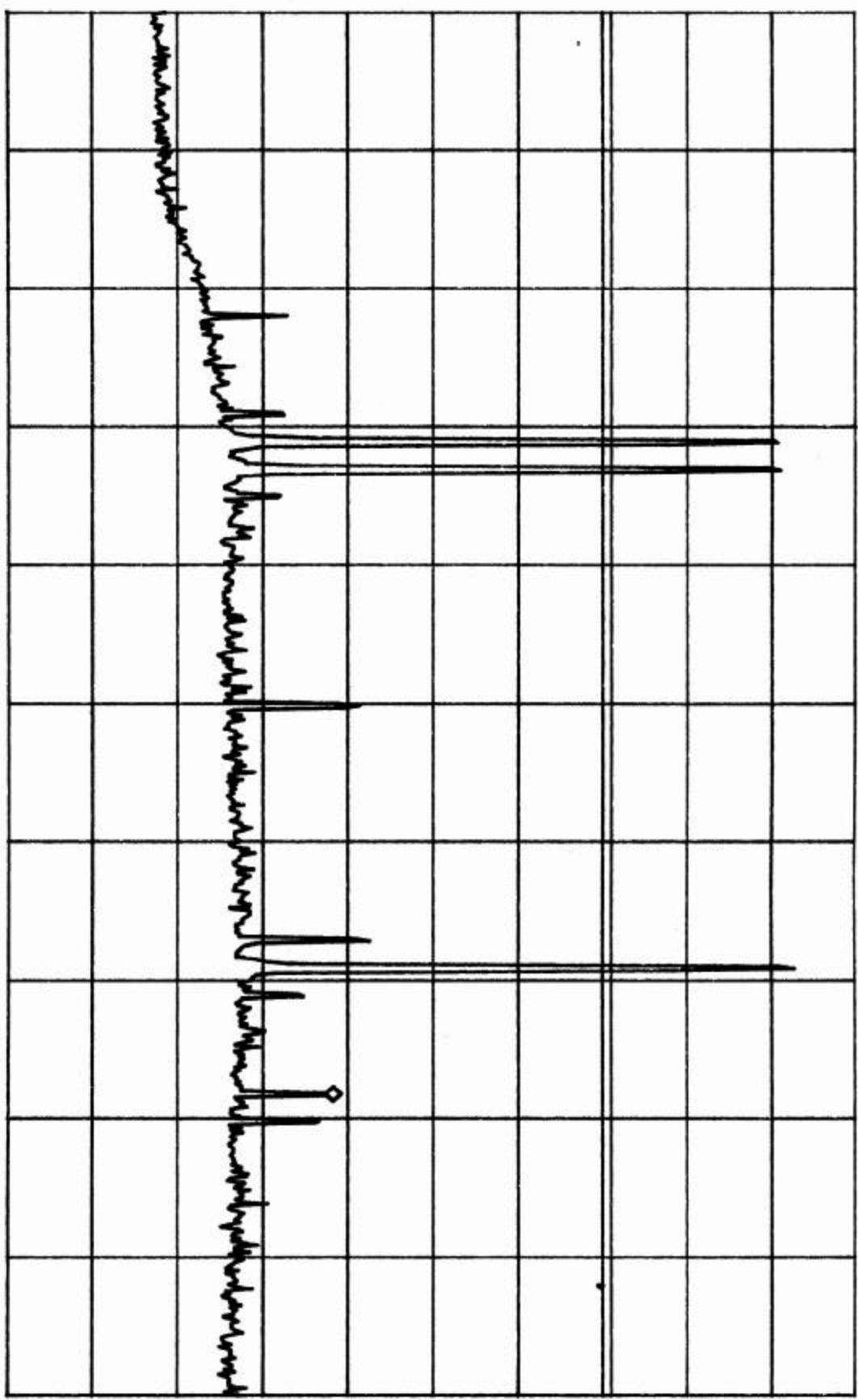
LG 190MHz (TDMF 257EMOD) Downlink, Low Channel (40M)
ATTEN 30dB MKR -41.00dBm
RL 16.00dBm 10dB/ 1.94853GHz



R

START 1.93000GHz STOP 1.95000GHz
*RBW 10KHz *VBW 10KHz SWP 500ms

LG 1948M (TDM# Intermod) DownLink, Low Channel (40M)
ATTEN 30DB
MKR -46.67DBM
RL 16.0DBm 10DB/ 1.95408GHZ

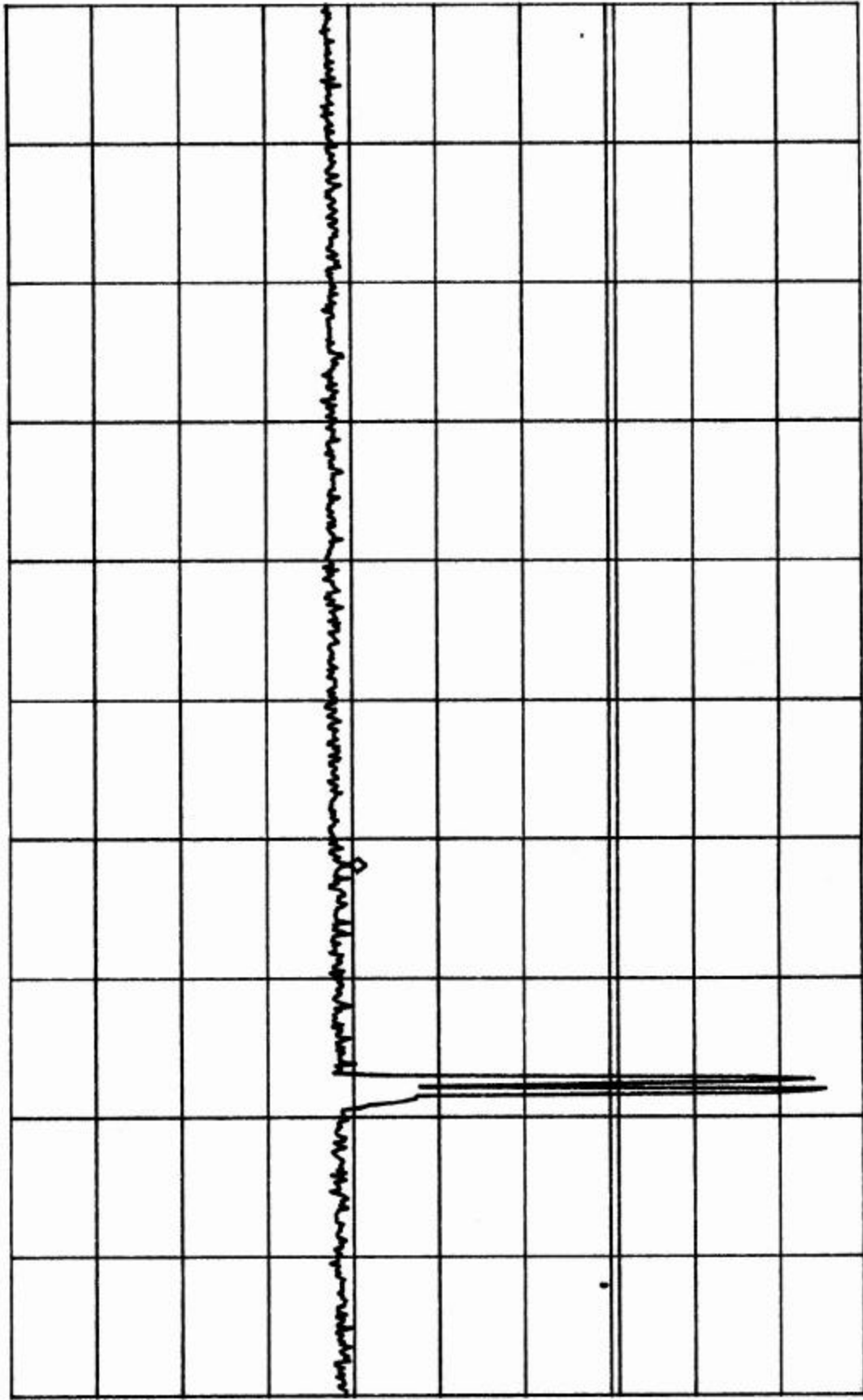


R

CENTER 1.94000GHZ SPAN 50.00MHZ
*RBW 10KHZ *VBW 10KHZ SWP 1.30sec

271

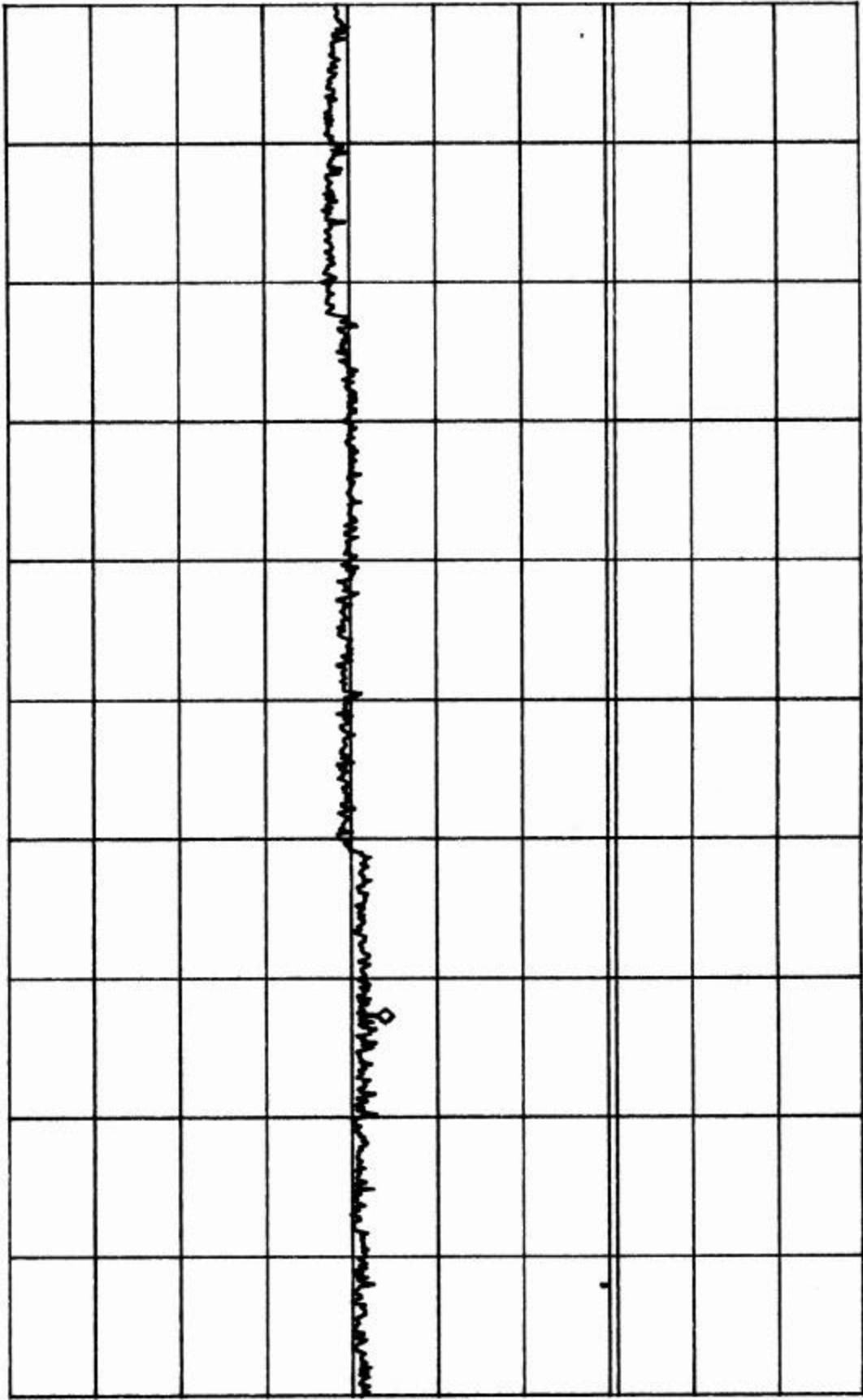
LG 1940M (TDMA Intermod off-band) Down Link, Low Channel (80M)
ATTEN 30DB
RL 16.0DBm 10DB/ 1.552GHz



START 15MHz STOP 2.500GHz
*RBW 1.0MHz *VBW 1.0MHz SWP 50.0ms

272

LG C 1900M (TDMA IN TEMOD OUT-OF-BAND) DOWNLINK, LOW CHANNEL (B014)
ATTEN 30DB
RL 16.00DBm 10DB/ 15.22GHZ
MKR -41.00DBm

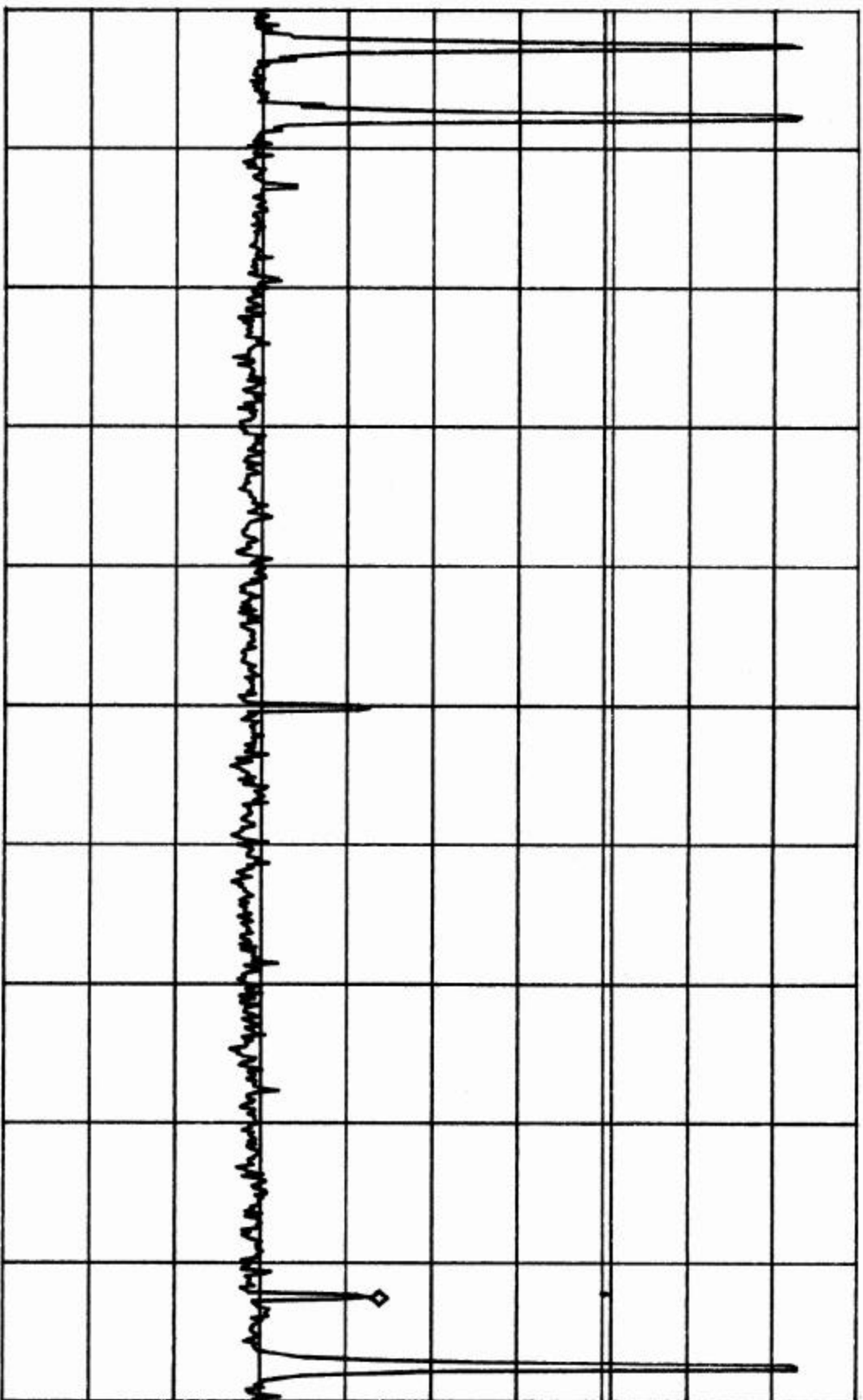


273

R

START 2.50GHZ STOP 20.00GHZ
*RBW 1.0MHZ *VBW 1.0MHZ SWP 350ms

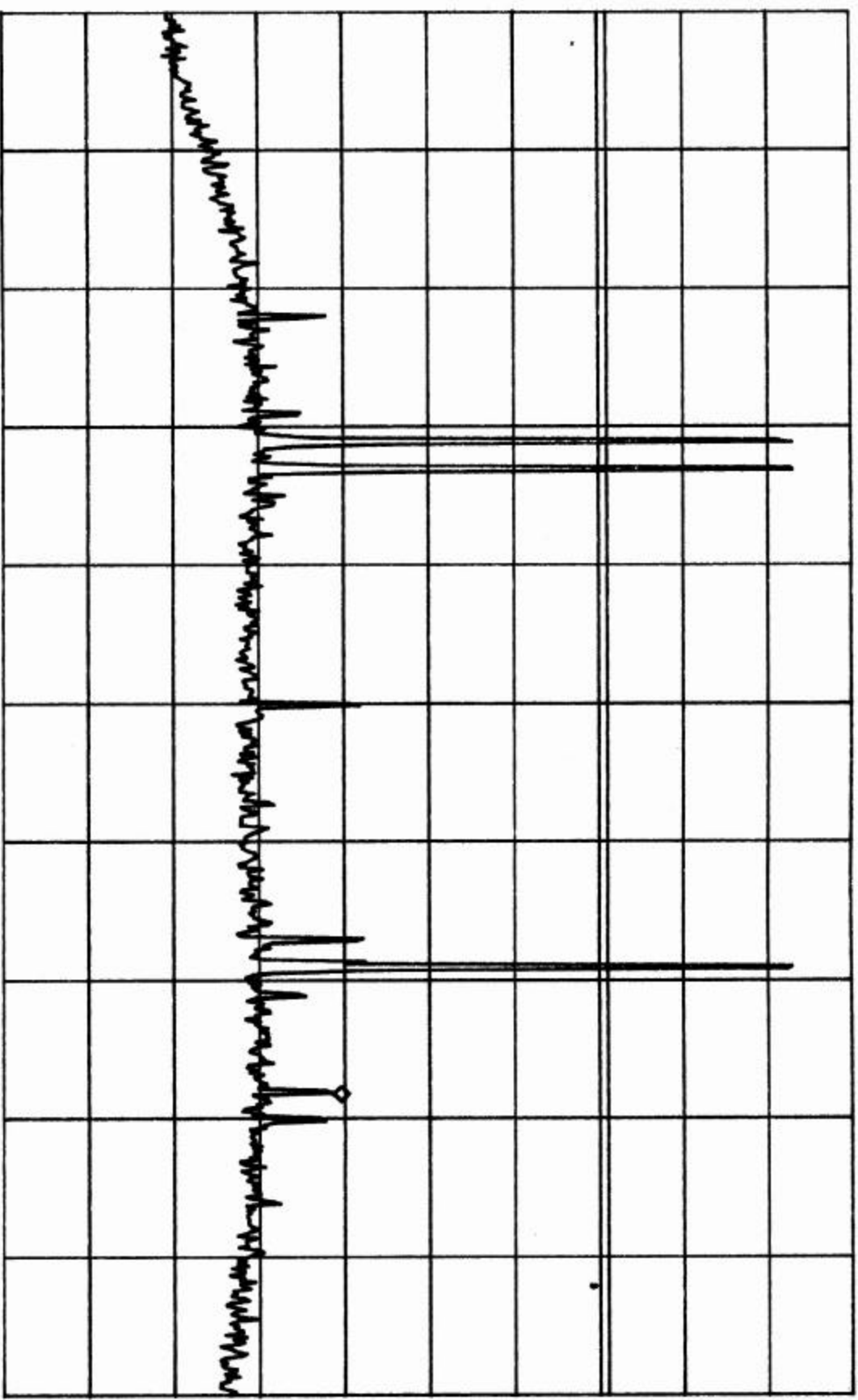
LG 190M (TMA IOTENOB) DODOLIK, MID CHANNEL (BOM)
ATTEN 30DB MKR -41.00DBM
RL 16.0DBM 10DB/ 1.96850GHZ



274

START 1.95000GHZ STOP 1.97000GHZ
*RBW 10KHZ *VBW 10KHZ SWP 500ms

LGC 1946 M (TRM4 2V750V0D) Down Link, MID CHANNEL (40M)
 ATTEN 30DB
 MKR -45.33DBM
 RL 16.0DBM 10DB/ 1.97408GHZ

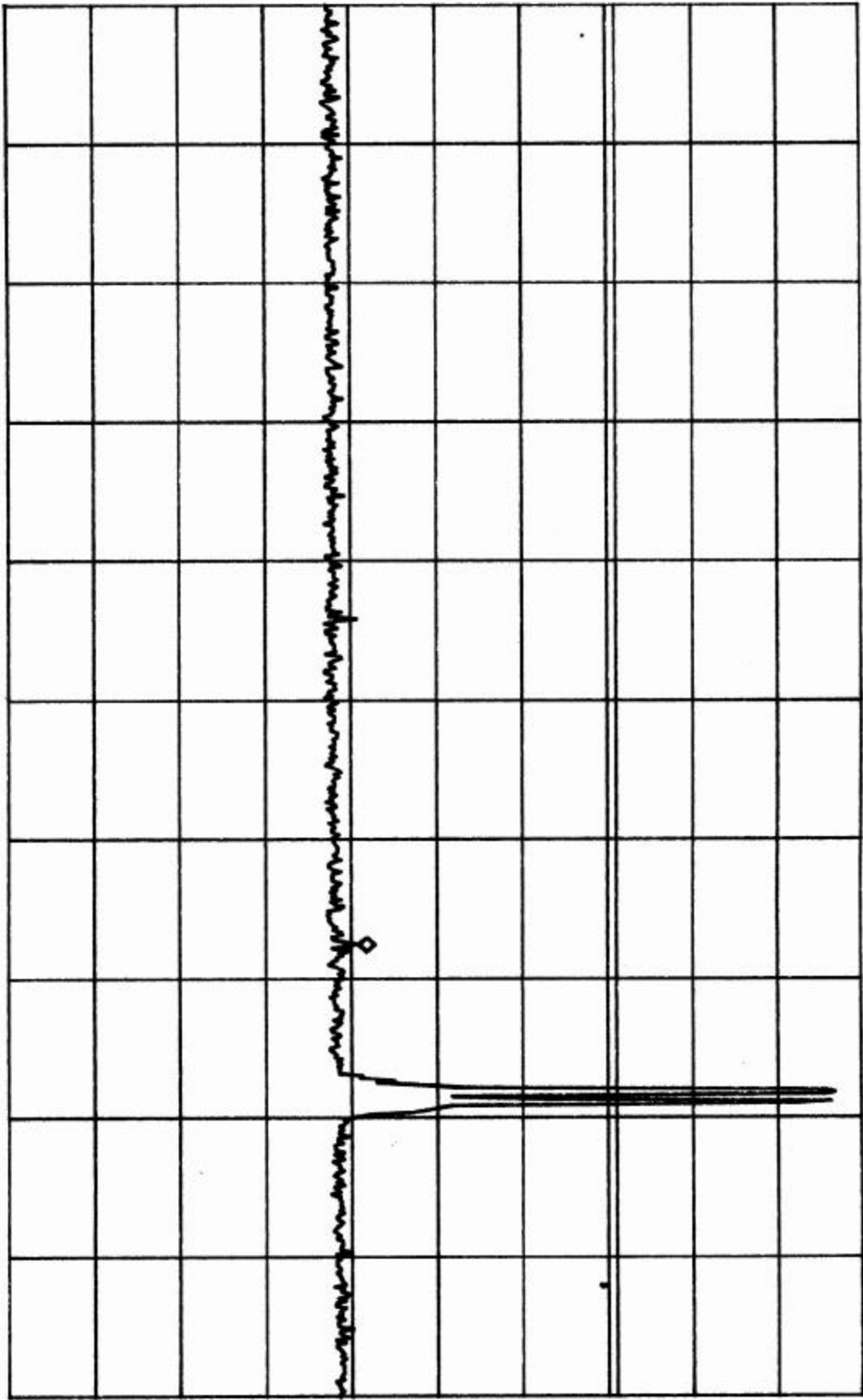


275

R

CENTER 1.96000GHZ SPAN 50.00MHZ
 *RBW 10KHZ *VBW 10KHZ SWP 1.30sec

LGC 1900M (TDMA INTERMOD OUT-OF-BAND) DOWN LINK, MID CHANNEL (JON)
 ATTEN 30DB
 MKR -43.17DBM
 RFL 16.0DBM 10DB/ 1.6926GHZ

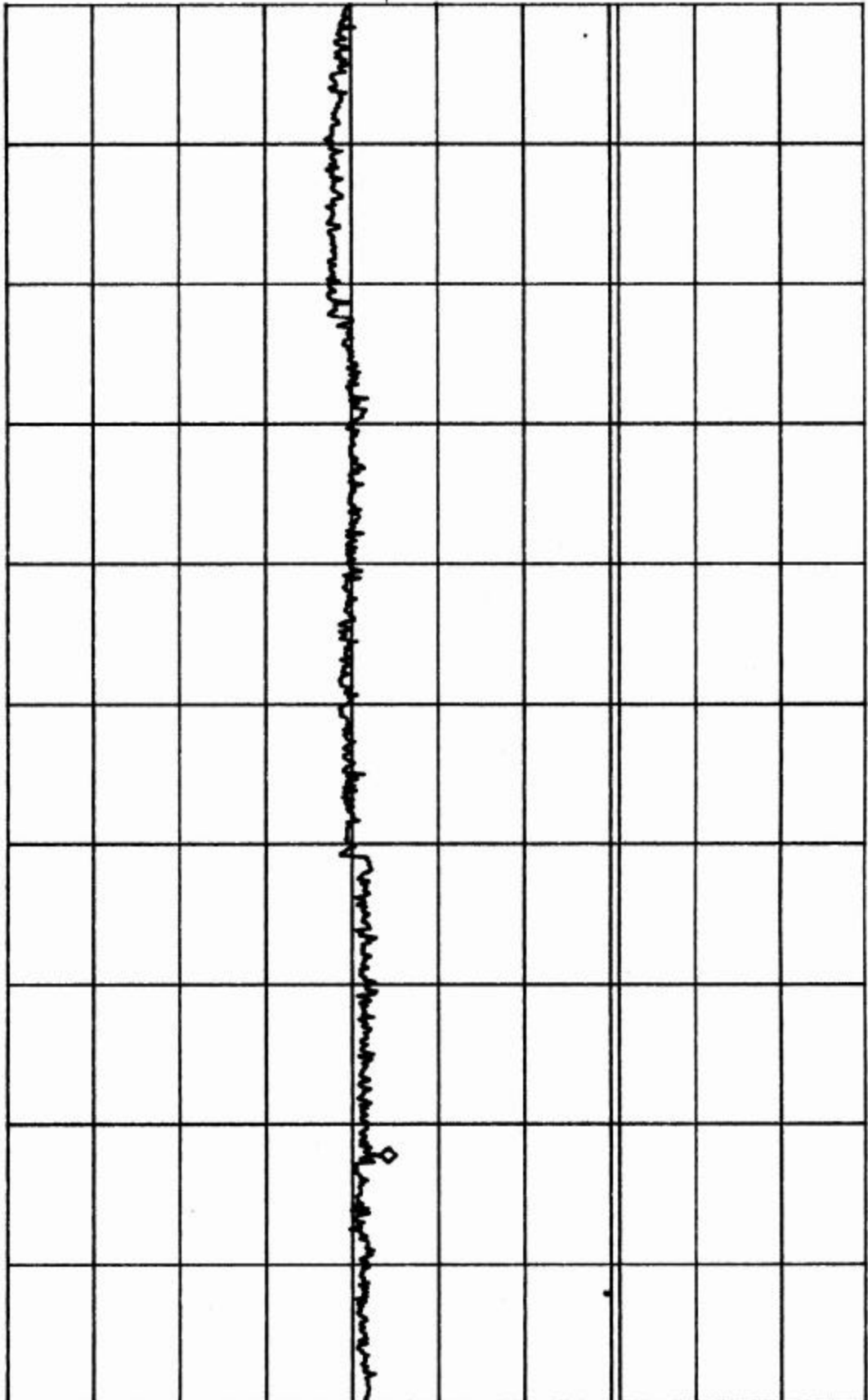


276

R

START 15MHZ STOP 2.500GHZ
 *RFBW 1.0MHZ *VBW 1.0MHZ SWP 50.0MS

LGC 1940M (TDMA INTERMOD OUT-OF-BAND) DOWNLINK, MID CHANNEL (40M)
 ATTEN 30DB MKR -40.83DBM
 RFL 16.0DBM 10DB/ 16.88GHZ



277

START 2.50GHZ STOP 20.00GHZ
 *RBW 1.0MHZ *VBW 1.0MHZ SWP 350MS