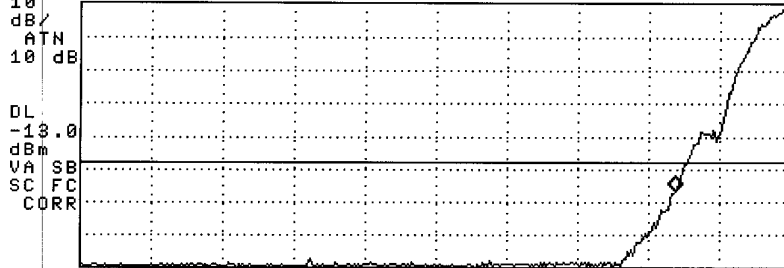


11:55:29 SEP 30, 1999
BLOCK EDGE A, SPA9325-30 (LOW)

#1

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.930001 GHz
-21.98 dBm

LOG REF OFFST 40.0 dB
10 REF 35.0 dBm
dB/



DL -13.0
dBm
VA SB
SC FC
CORR
START 1.928463 GHz STOP 1.930300 GHz
#IF BW 3.0 kHz AVG BW 3 kHz SWP 612 msec

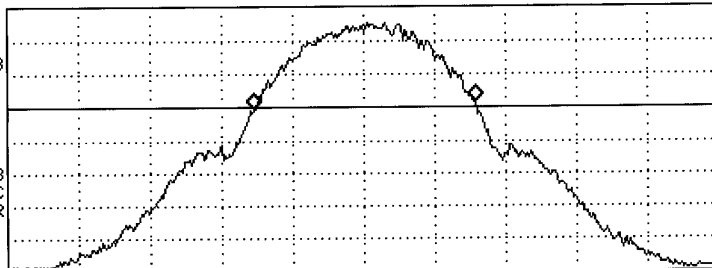
12:09:44 SEP 30, 1999
BLOCK EDGE A, SPAS325-30 (LOW)

#2

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKRΔ 313 kHz
1.94 dB

LOG REF OFFST 40.0 dB
10 REF 40.0 dBm
dB/
ATN
10 dB

DL
9.4
dBm
VA SB
SC FC
CORR



CENTER 1.930300 GHz SPAN 1.000 MHz
#IF BW 3.0 kHz #AVG BW 1 MHz SWP 333 msec

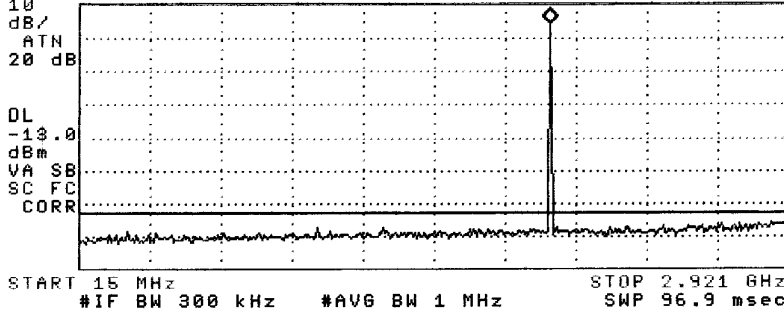
09:51:49 SEP 30, 1999

BLOCK EDGE A, SPA9325-30 (LOW) OUT OF BAND

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.940 GHz
44.07 dBm

43

LOG REF OFFST 40.0 dB
REF 50.0 dBm



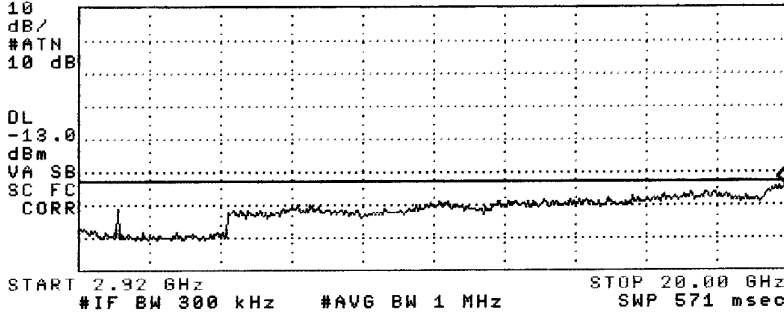
09:53:06 SEP 30, 1999

BLOCK EDGE A, SPA9325-30 (LOW) OUT OF BAND

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 19.91 GHz
-14.02 dBm

44

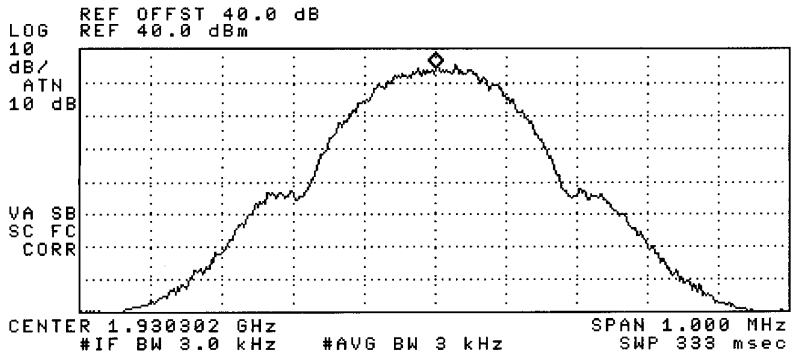
LOG REF OFFST 40.0 dB
REF 40.0 dBm



10:50:36 SEP 30, 1999
AMPLIFIER OUTPUT

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.930302 GHz
34.01 dBm

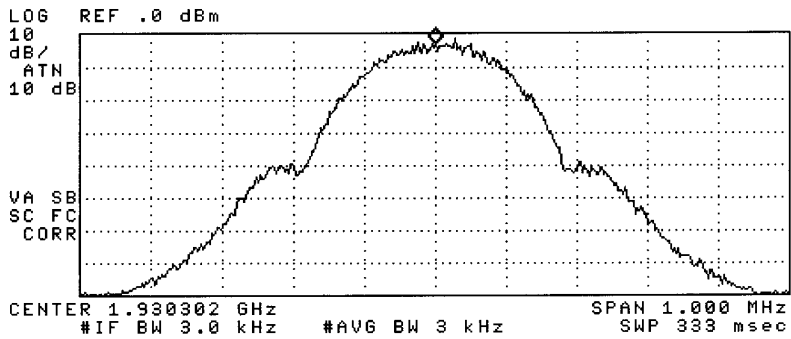
115



10:52:38 SEP 30, 1999
SIGNAL GENERATOR OUTPUT

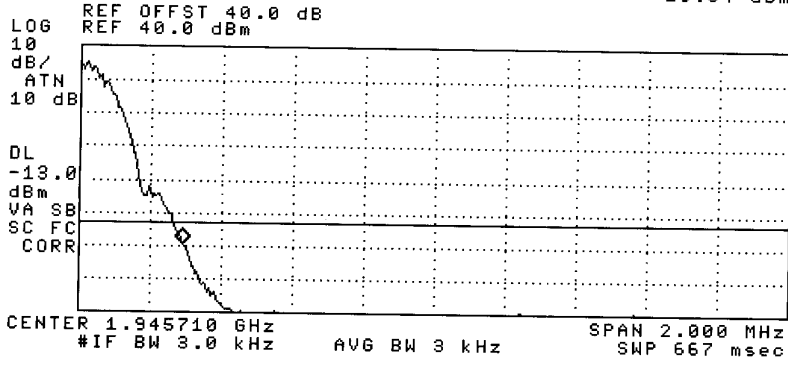
ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.930302 GHz
-3.51 dBm

16



10:56:07 SEP 30, 1999
BLOCK EDGE A, SPA9325-30 (HIGH)

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.945000 GHz
-19.84 dBm



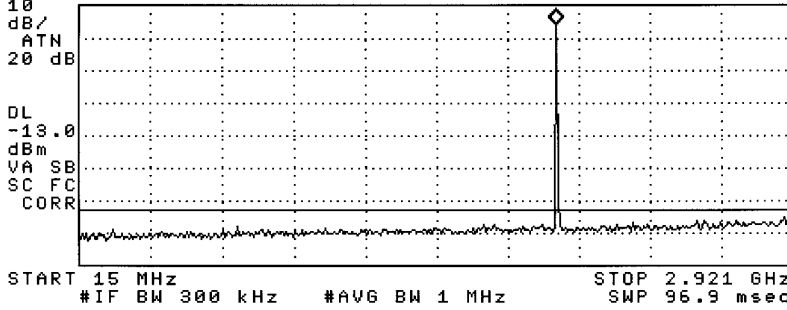
10:58:11 SEP 30, 1999

BLOCK EDGE A, SPA9325-30 (HIGH) OUT OF BAND

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.955 GHz
43.87 dBm

#8

LOG REF OFFST 40.0 dB
10 REF 50.0 dBm



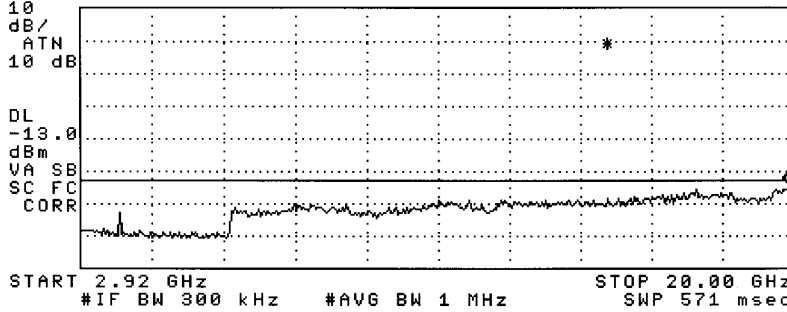
10:59:05 SEP 30, 1999

BLOCK EDGE A, SPA9325-30 (HIGH) OUT OF BAND

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 19.91 GHz
-14.85 dBm

#9

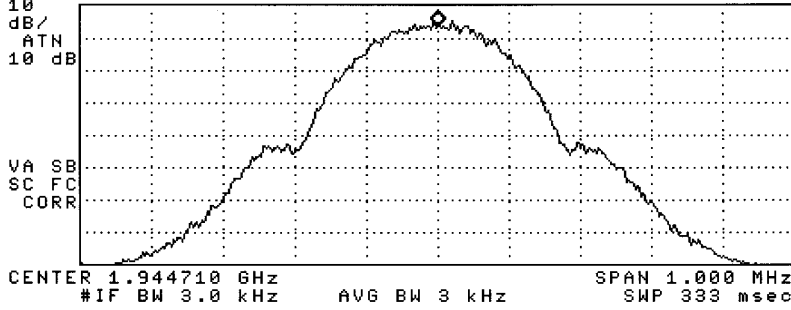
LOG REF OFFST 40.0 dB
10 REF 40.0 dBm



11:00:56 SEP 30, 1999
AMPLIFIER OUTPUT

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.944710 GHz
33.34 dBm

LOG REF OFFST 40.0 dB
10 REF 40.0 dBm
dB/
ATN
10 dB

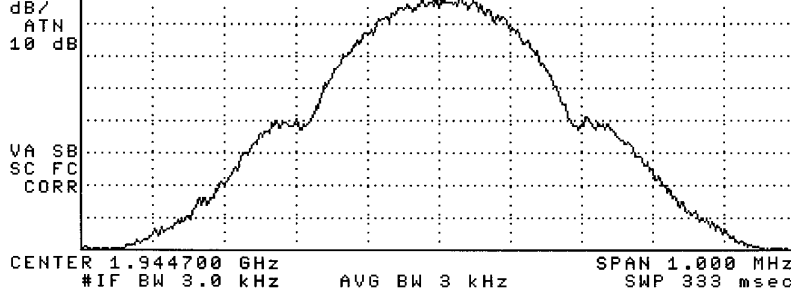


11:02:56 SEP 30, 1999
SIGNAL GENERATOR OUTPUT

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.944700 GHz
-4.74 dBm

#10

LOG REF .0 dBm
10
dB/
ATN
10 dB



11:06:05 SEP 30, 1999
BLOCK EDGE D, SPA9325-30 (LOW)

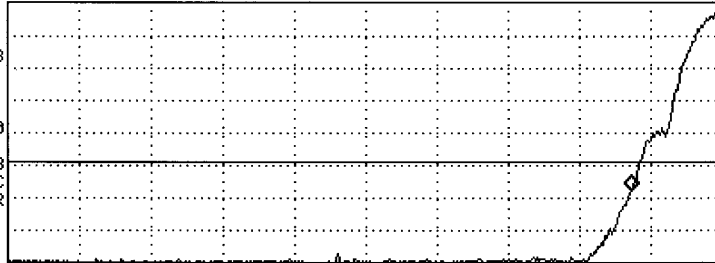
ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.945002 GHz
-21.90 dBm

#11

LOG REF OFFST 40.0 dB
10 REF 36.0 dBm

dB/
ATN
10 dB

DL
-13.0
dBm
VA SB
SC FC
CORR



START 1.943000 GHz STOP 1.945295 GHz
#IF BW 3.0 kHz AVG BW 3 kHz SWP 765 msec

12:03:56 SEP 30, 1999
BLOCK EDGE D, SPA9325-30 (LOW)

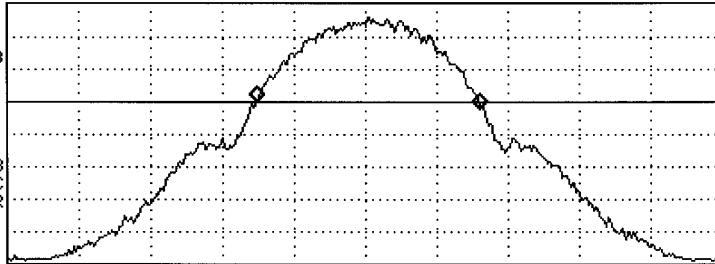
ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKRA 313 kHz
-1.85 dB

#12

LOG REF OFFST 40.0 dB
10 REF 40.0 dBm

dB/
ATN
10 dB

DL
9.6
dBm
VA SB
SC FC
CORR



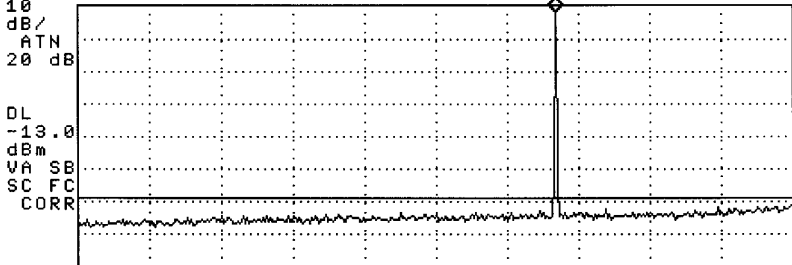
CENTER 1.945300 GHz SPAN 1.000 MHz
#IF BW 3.0 kHz #AVG BW 1 MHz SWP 333 msec

11:07:11 SEP 30, 1999

BLOCK EDGE D, SPA9325-30 (LOW) OUT OF BAND

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.955 GHz
43.82 dBm

LOG REF OFFST 40.0 dB
REF 46.0 dBm



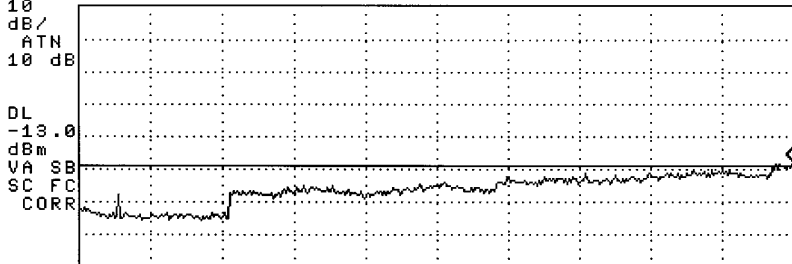
START 15 MHz STOP 2.921 GHz
#IF BW 1.0 MHz #AVG BW 1 MHz SWP 58.1 msec

11:07:40 SEP 30, 1999

BLOCK EDGE D, SPA9325-30 (LOW) OUT OF BAND

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 20.00 GHz
-11.72 dBm

LOG REF OFFST 40.0 dB
REF 36.0 dBm

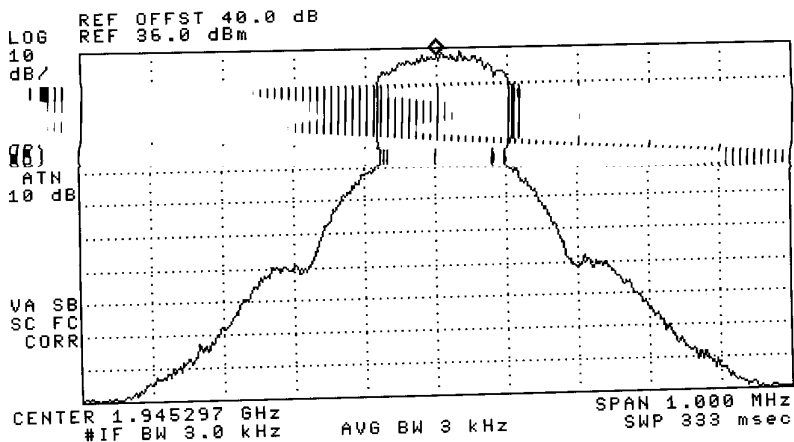


START 2.92 GHz STOP 20.00 GHz
#IF BW 1.0 MHz #AVG BW 1 MHz SWP 351 msec

11:08:43 SEP 30, 1999
AMPLIFIER OUTPUT

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.945297 GHz
33.65 dBm

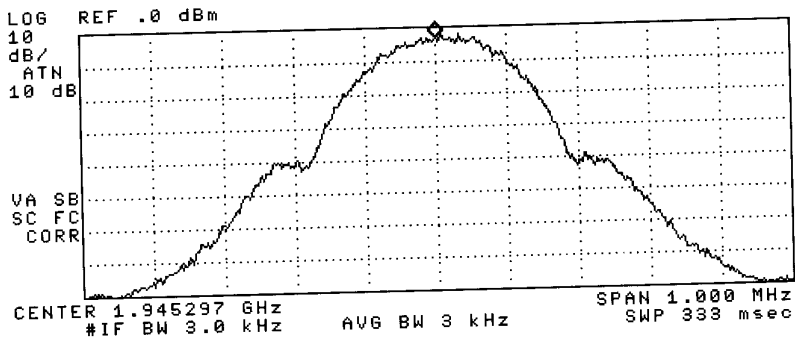
#15



11:10:19 SEP 30, 1999
SIGNAL GENERATOR OUTPUT

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.945297 GHz
-3.24 dBm

#16

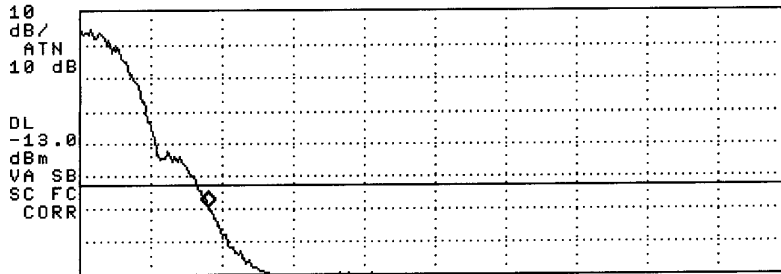


11:15:19 SEP 30, 1999
BLOCK EDGE D, SPA9325-30 (HIGH)

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.950002 GHz
-19.66 dBm

#17

LOG REF OFFST 40.0 dB
REF 40.0 dBm

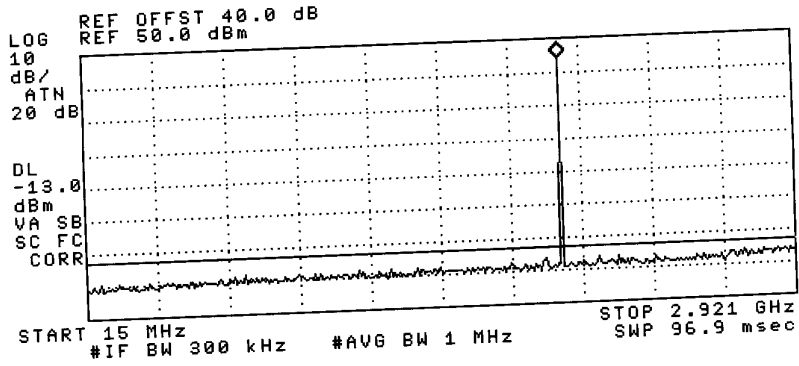


START 1.949705 GHz STOP 1.951353 GHz
#IF BW 3.0 kHz AVG BW 3 kHz SWP 549 msec

11:18:16 SEP 30, 1999
BLOCK EDGE D, SPA9325-30 (HIGH) OUT OF BAND

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.962 GHz
43.71 dBm

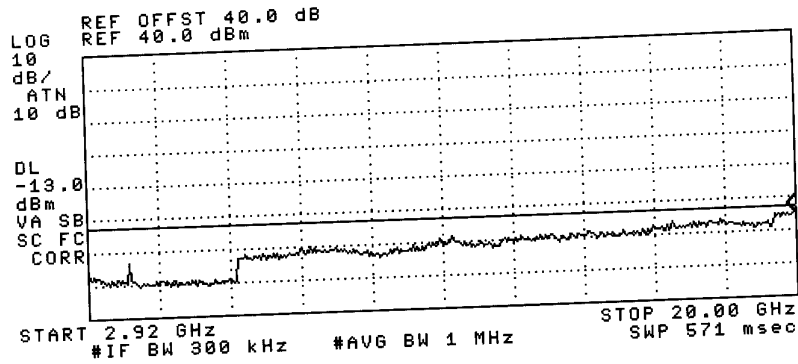
H18



11:18:54 SEP 30, 1999
BLOCK EDGE D, SPA9325-30 (HIGH) OUT OF BAND

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 19.96 GHz
-14.87 dBm

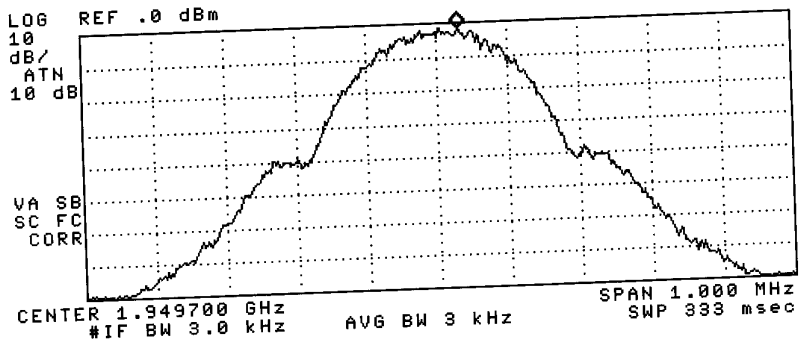
H19



14:15:38 SEP 30, 1999
SIGNAL GENERATOR OUTPUT

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.949730 GHz
-1.47 dBm

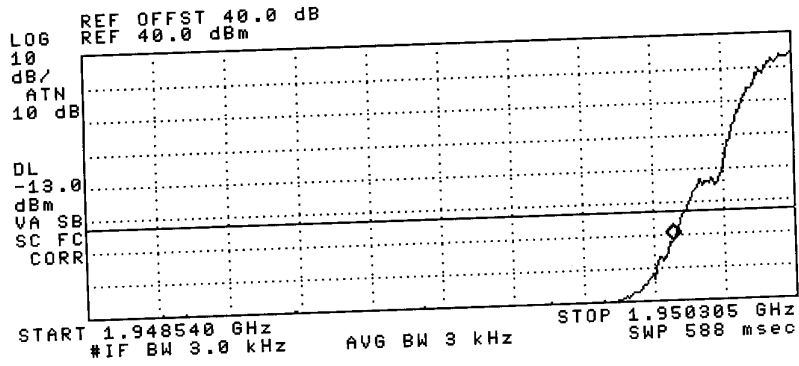
#20



11:22:15 SEP 30, 1999
BLOCK EDGE B, SPA9825-30 (LOW)

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.950000 GHz
-21.74 dBm

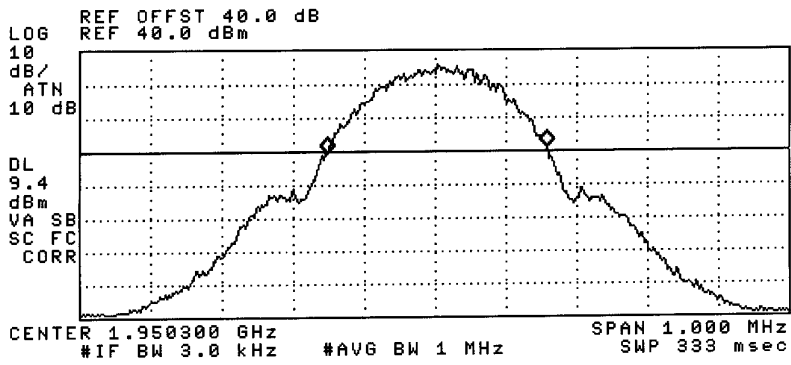
#21



12:06:56 SEP 30, 1999
BLOCK EDGE B, SPA9325-30 (LOW)

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKRΔ 310 kHz
1.51 dB

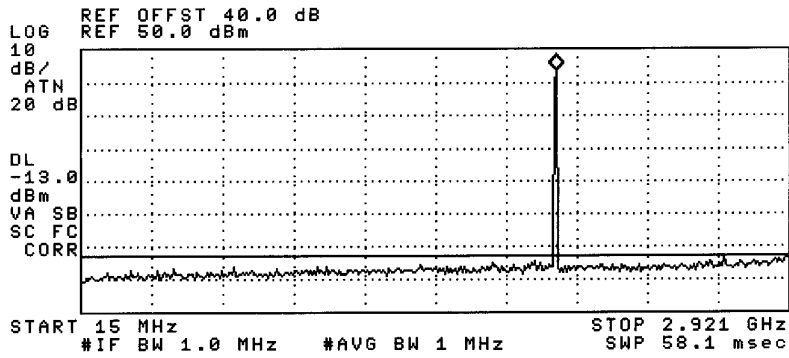
422



11:25:55 SEP 30, 1999
BLOCK EDGE B, SPA9325-30 (LOW) OUT OF BAND

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.962 GHz
43.67 dBm

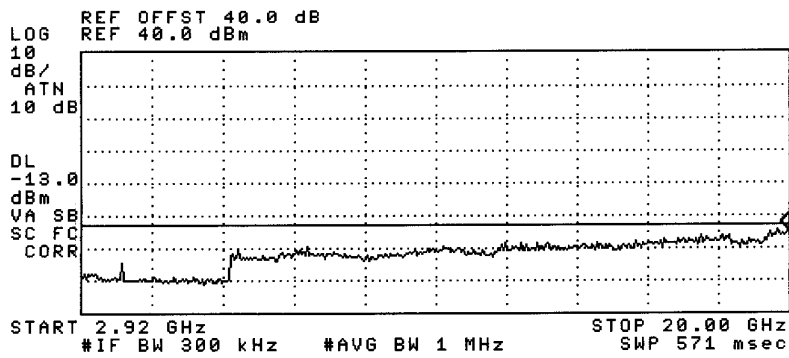
#23



11:26:25 SEP 30, 1999
BLOCK EDGE B, SPA9325-30 (LOW) OUT OF BAND

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 19.96 GHz
-14.80 dBm

#24

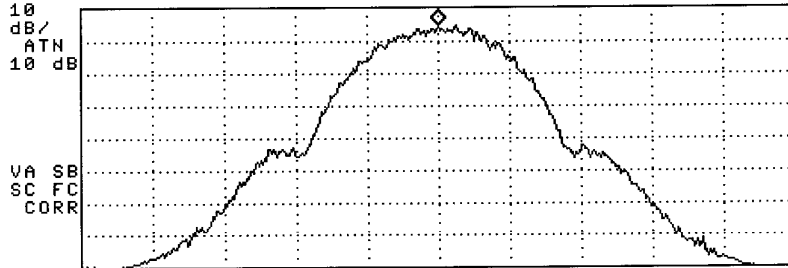


11:23:25 SEP 30, 1999
AMPLIFIER OUTPUT

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.950305 GHz
34.41 dBm

#25

LOG REF OFFST 40.0 dB
10 dB/ REF 40.0 dBm
ATN 10 dB

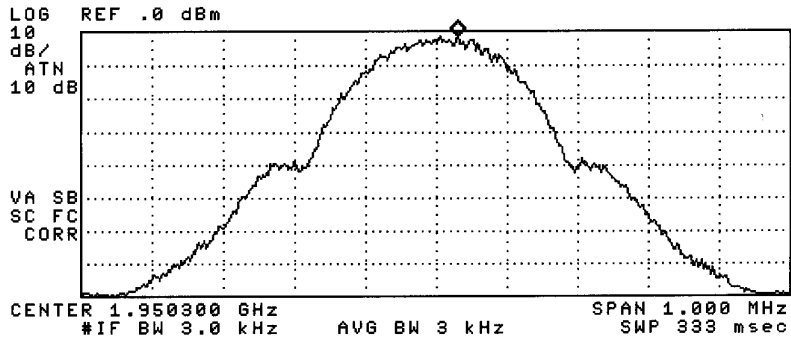


CENTER 1.950305 GHz SPAN 1.000 MHz
#IF BW 3.0 kHz AVG BW 3 kHz SWP 333 msec

SIGNAL GENERATOR OUTPUT

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.950330 GHz
-1.69 dBm

#26

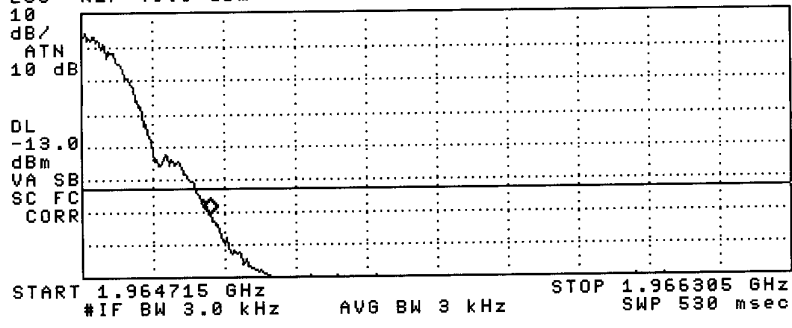


11:29:21 SEP 30, 1999
BLOCK EDGE B, SPA9325-30 (HIGH)

#27

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.965001 GHz
-20.83 dBm

LOG REF OFFST 40.0 dB
REF 40.0 dBm

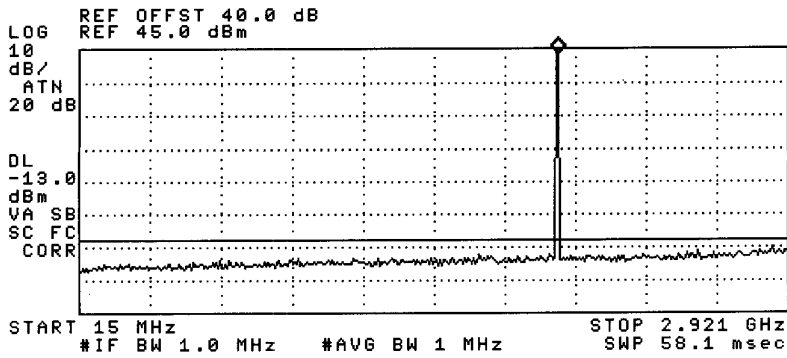


11:32:30 SEP 30, 1999

BLOCK EDGE B, SPA9325-30 (HIGH) OUT OF BAND

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.977 GHz
43.39 dBm

428

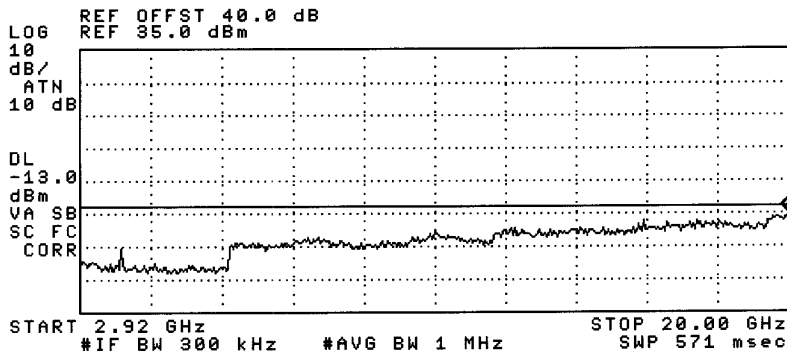


11:33:18 SEP 30, 1999

BLOCK EDGE B, SPA9325-30 (HIGH) OUT OF BAND

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 20.00 GHz
-15.12 dBm

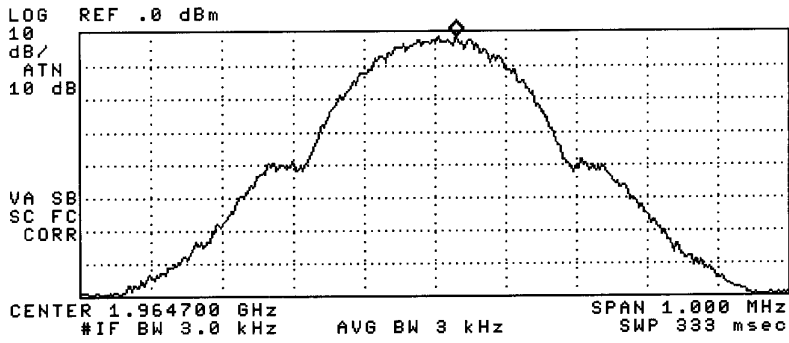
429



14:14:18 SEP 30, 1999
SIGNAL GENERATOR OUTPUT

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.964730 GHz
-1.53 dBm

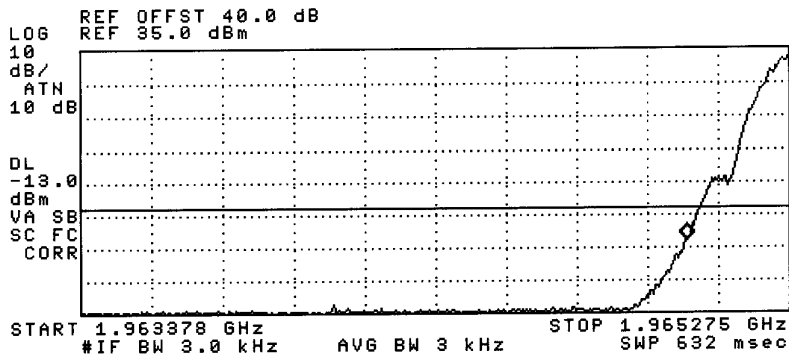
#30



11:39:14 SEP 30, 1999
BLOCK EDGE E, SPA9325-30 (LOW)

#31

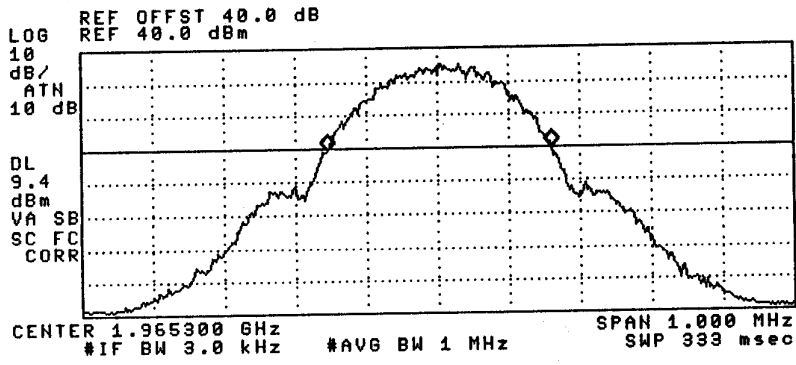
ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.965000 GHz
-23.01 dBm



12:08:52 SEP 30, 1999
BLOCK EDGE E, SPA9325-30 (LOW)

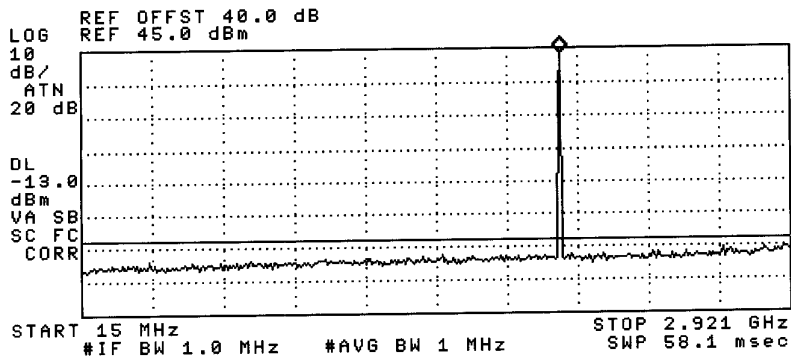
ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKRΔ 315 kHz
.67 dB

#32



11:51:39 SEP 30, 1999
BLOCK EDGE E, SPA9325-30 (LOW) OUT OF BAND

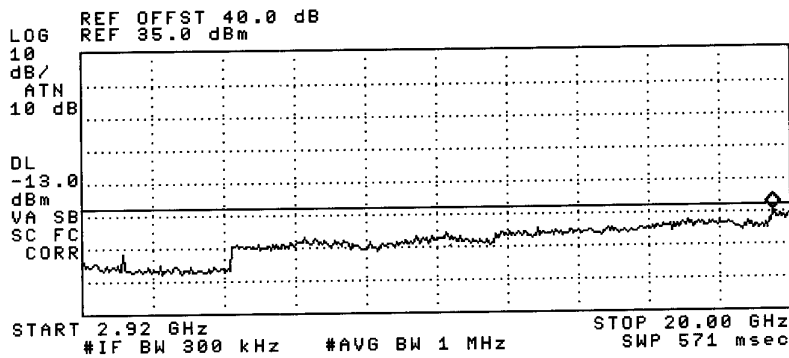
ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.977 GHz
43.32 dBm



#33

11:52:34 SEP 30, 1999
BLOCK EDGE E, SPA9325-30 (LOW) OUT OF BAND

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 19.57 GHz
-14.40 dBm

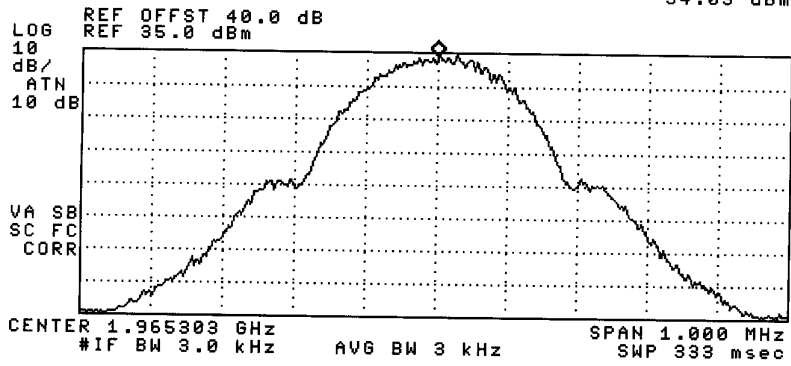


#34

11:40:26 SEP 30, 1999
AMPLIFIER OUTPUT

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.965303 GHz
34.03 dBm

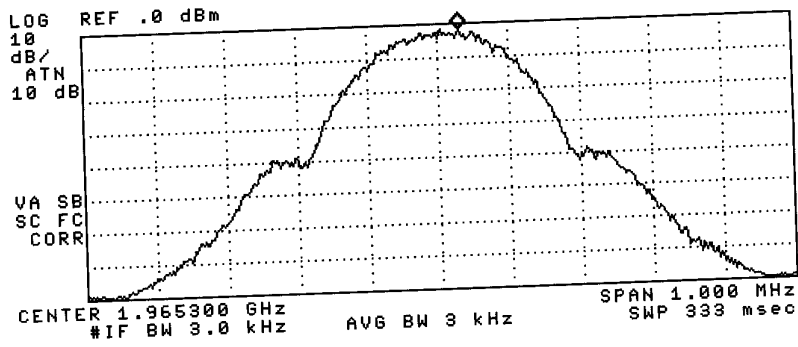
435



14:12:28 SEP 30, 1999
SIGNAL GENERATOR OUTPUT

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.965330 GHz
-1.52 dBm

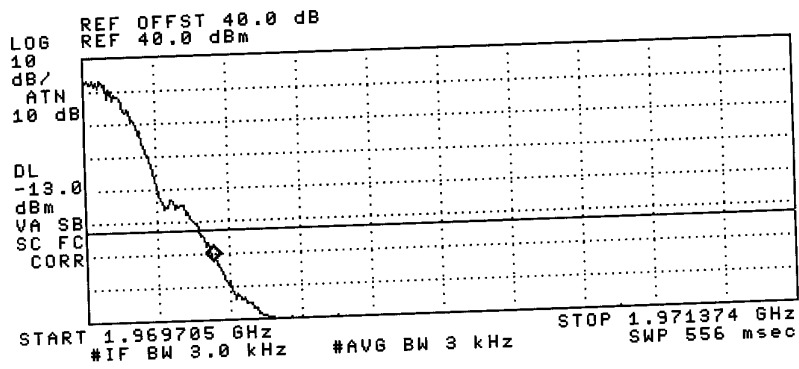
#36



13:23:02 SEP 30, 1999
BLOCK EDGE E, SPA9325-30 (HIGH)

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.970001 GHz
-22.52 dBm

#37

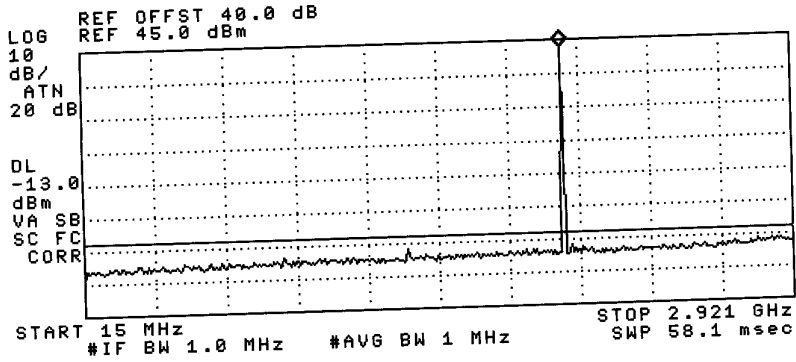


13:26:19 SEP 30, 1999
BLOCK EDGE E, SPA9325-30

(HIGH) OUT OF BAND

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.977 GHz
42.93 dBm

#38

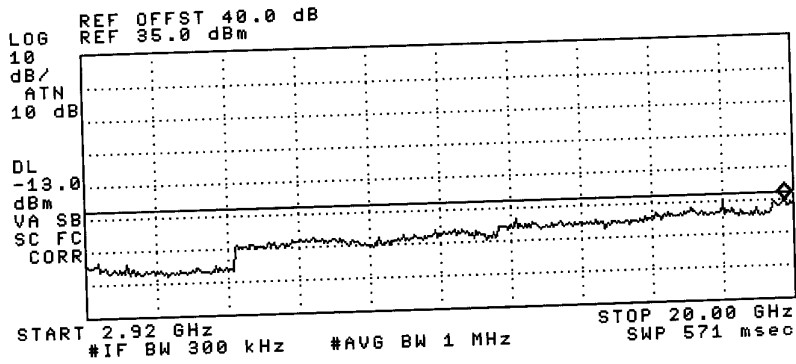


13:27:03 SEP 30, 1999
BLOCK EDGE E, SPA9325-30

(HIGH) OUT OF BAND

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 19.79 GHz
-15.01 dBm

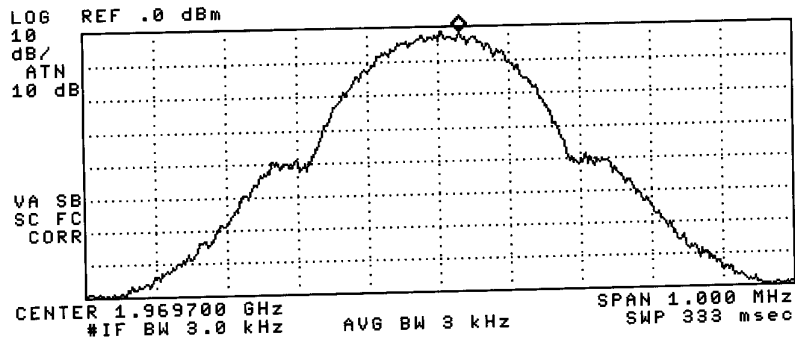
#39



14:13:18 SEP 30, 1999
SIGNAL GENERATOR OUTPUT

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.969730 GHz
-1.61 dBm

40

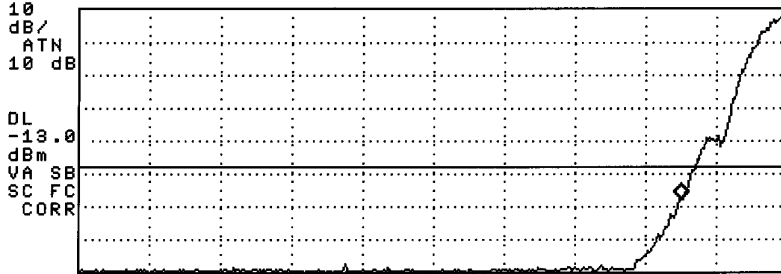


13:30:11 SEP 30, 1999
BLOCK EDGE F, SPA9325-30 (LOW)

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.970000 GHz
-22.92 dBm

#41

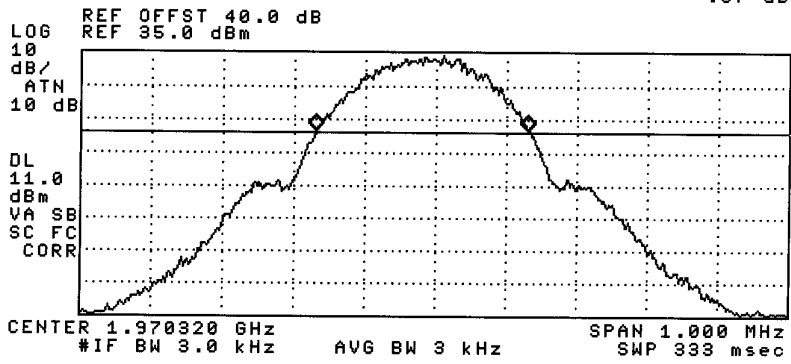
LOG REF OFFST 40.0 dB
10 REF 35.0 dBm
dB/
ATN
10 dB



13:31:26 SEP 30, 1999
BLOCK EDGE F, SPA9325-30 (LOW)

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKRΔ 300 kHz
-0.07 dB

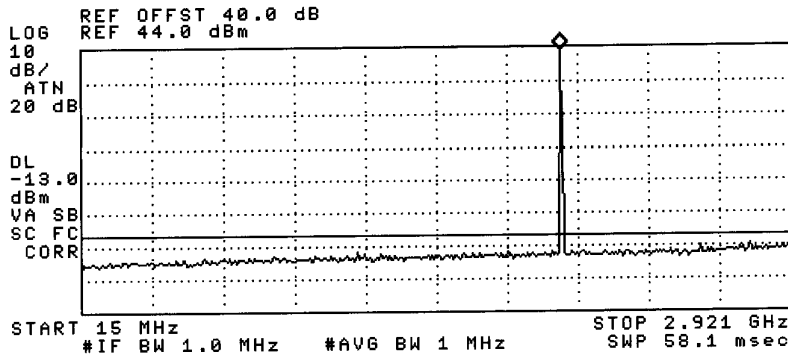
#142



13:35:41 SEP 30, 1999
BLOCK EDGE F, SPA9325-30 (LOW) OUT OF BAND

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.977 GHz
43.02 dBm

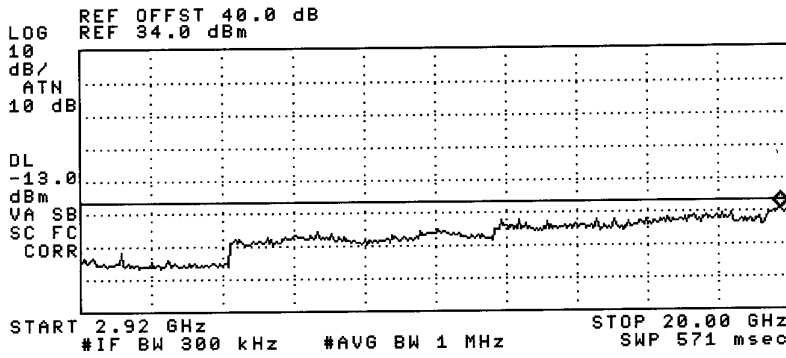
#43



13:36:15 SEP 30, 1999
BLOCK EDGE F, SPA9325-30 (LOW) OUT OF BAND

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 19.79 GHz
-15.66 dBm

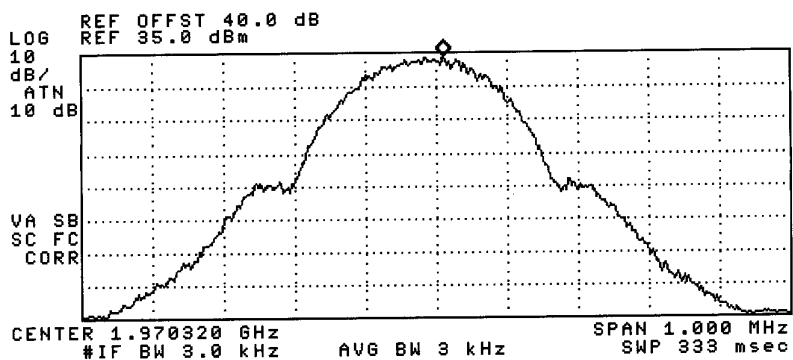
#44



13:32:13 SEP 30, 1999
AMPLIFIER OUTPUT

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.970330 GHz
33.68 dBm

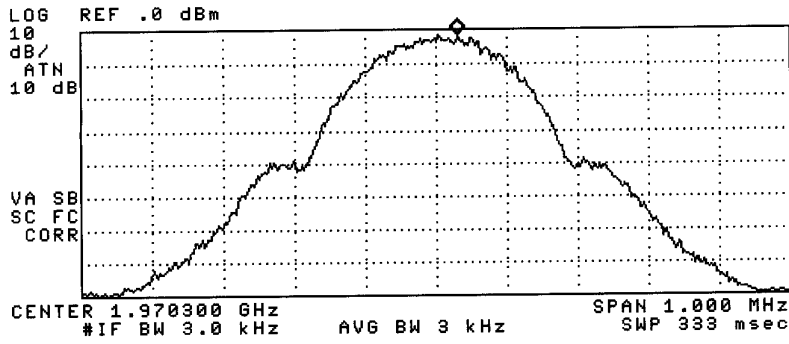
445



14:10:14 SEP 30, 1999
SIGNAL GENERATOR OUTPUT

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.970330 GHz
-1.60 dBm

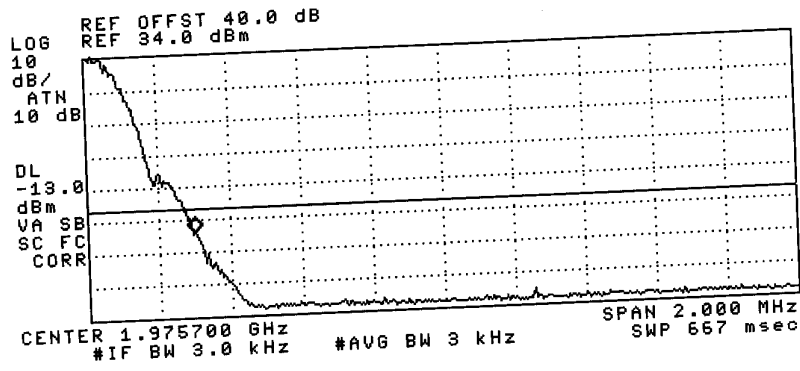
#46



13:39:14 SEP 30, 1999
BLOCK EDGE F, SPA9325-30 (HIGH) OUT OF BAND

13:39:14 SEP 30, 1999
BLOCK EDGE F, SPA9325-30 (HIGH) OUT OF BAND
ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.975000 GHz
-20.27 dBm

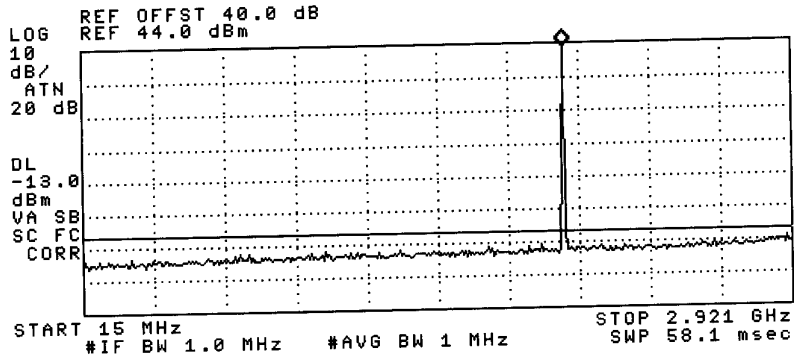
#47



13:43:18 SEP 30, 1999
BLOCK EDGE F, SPA9325-30 (HIGH) OUT OF BAND

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.984 GHz
42.86 dBm

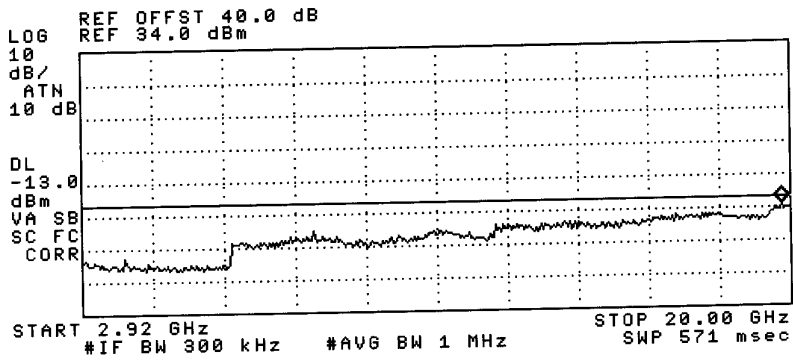
#48



13:43:54 SEP 30, 1999
BLOCK EDGE F, SPA9325-30 (HIGH) OUT OF BAND

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 19.79 GHz
-15.20 dBm

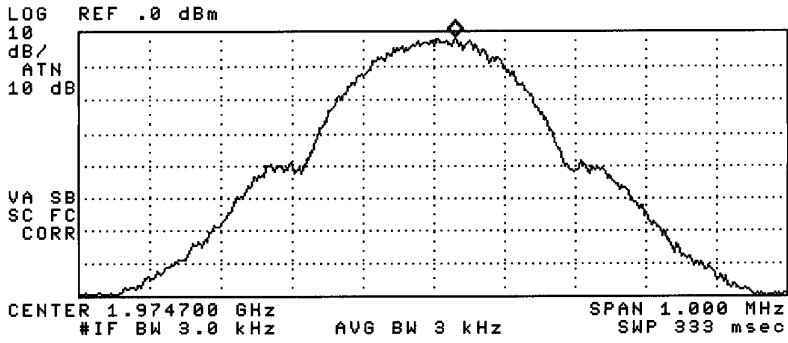
#49



14:09:24 SEP 30, 1999
SIGNAL GENERATOR OUTPUT

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.974730 GHz
-1.78 dBm

50

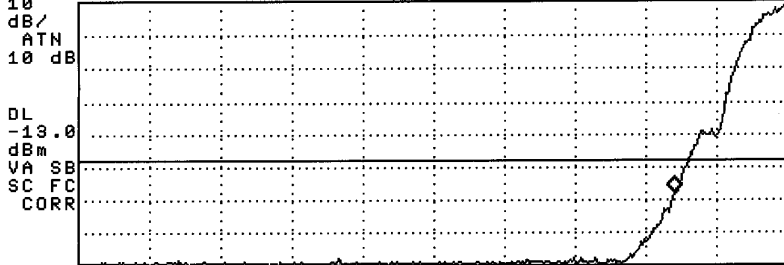


13:47:56 SEP 30, 1999
BLOCK EDGE C, SPA9325-30 (LOW)

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.975000 GHz
-22.77 dBm

#51

LOG REF OFFST 40.0 dB
10 REF 35.0 dBm



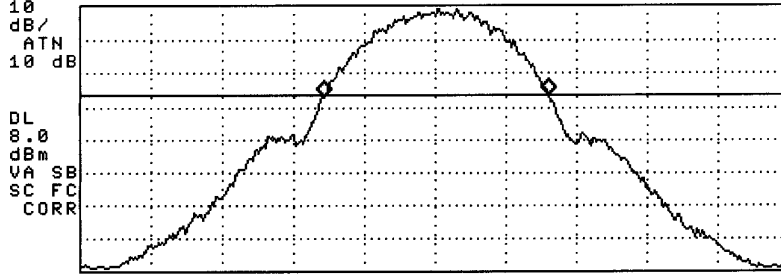
#IF BW 3.0 kHz #AVG BW 3 kHz SPAN 2.000 MHz SWP 667 msec

13:49:20 SEP 30, 1999
BLOCK EDGE C, SPA9325-30 (LOW)

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKRA 318 kHz
.88 dB

#52

LOG REF OFFST 40.0 dB
10 REF 35.0 dBm

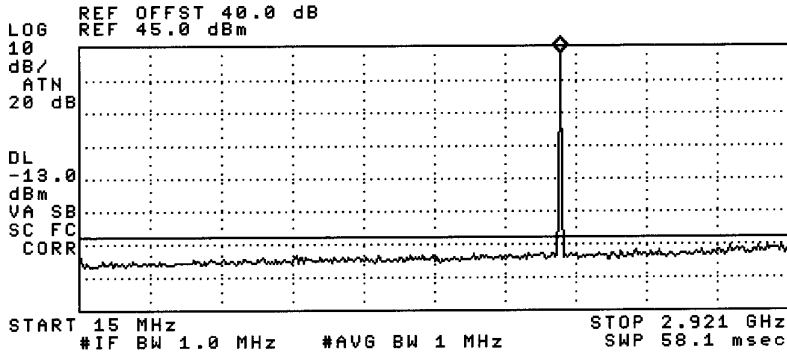


DL 8.0
dBm
VA SB
SC FC
CORR
CENTER 1.975300 GHz SPAN 1.000 MHz
#IF BW 3.0 kHz #AVG BW 3 kHz SWP 333 msec

13:51:25 SEP 30, 1999
BLOCK EDGE C, SPA9325-30 (LOW) OUT OF BAND

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.984 GHz
42.95 dBm

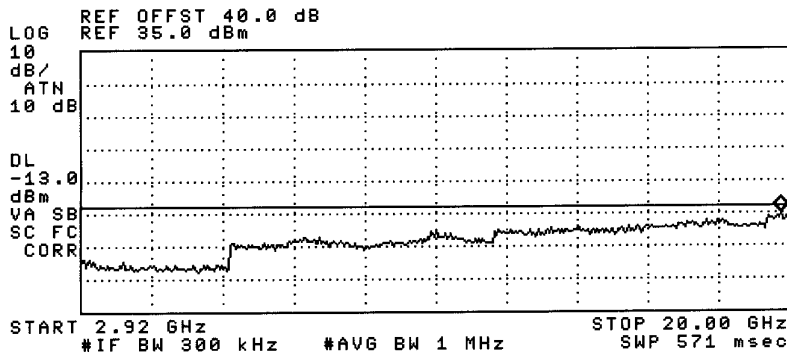
#53



13:52:00 SEP 30, 1999
BLOCK EDGE C, SPA9325-30 (LOW) OUT OF BAND

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 19.79 GHz
-15.33 dBm

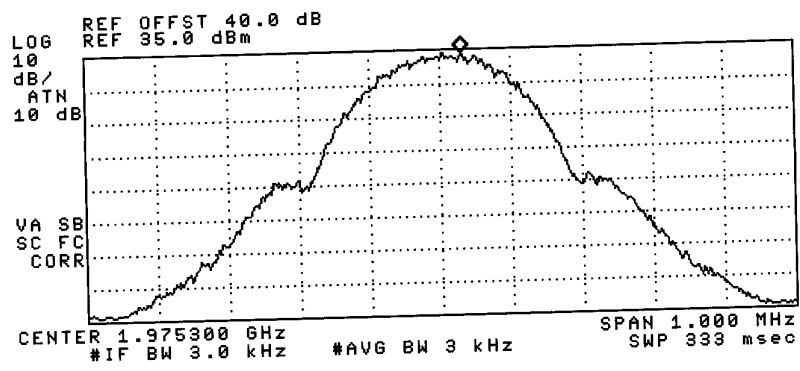
#54



13:50:24 SEP 30, 1999
AMPLIFIER OUTPUT

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.975330 GHz
34.02 dBm

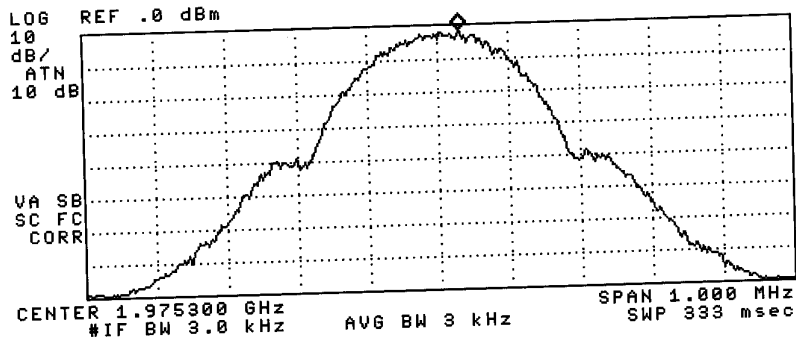
#55



14:08:42 SEP 30, 1999
SIGNAL GENERATOR OUTPUT

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.975330 GHz
-1.68 dBm

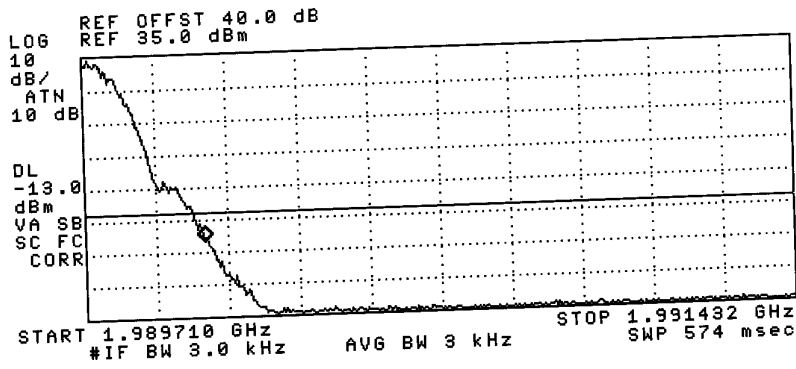
#56



13:58:40 SEP 30, 1999
BLOCK EDGE C, SPA9325-30 (HIGH)

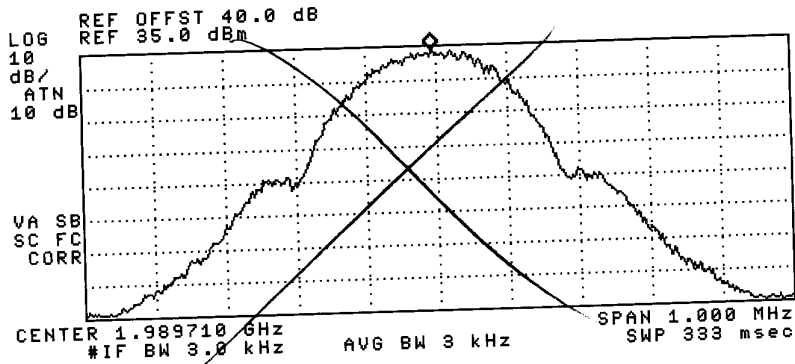
ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.989998 GHz
-21.73 dBm

1157



13:59:58 SEP 30, 1999
AMPLIFIER OUTPUT

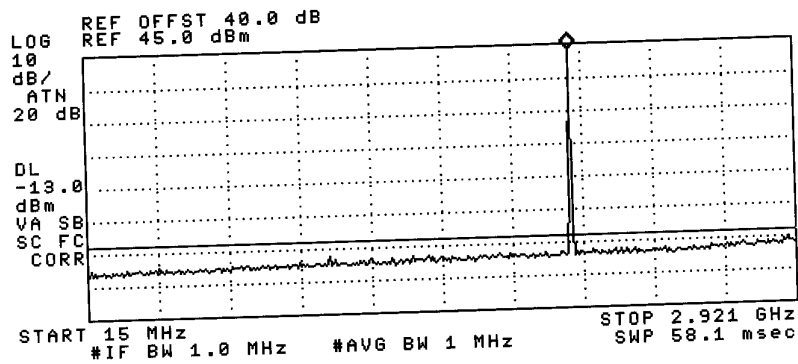
ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.989703 GHz
33.88 dBm



14:01:04 SEP 30, 1999
BLOCK EDGE C, SPA9325-30 (HIGH) OUT OF BAND

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.998 GHz
43.17 dBm

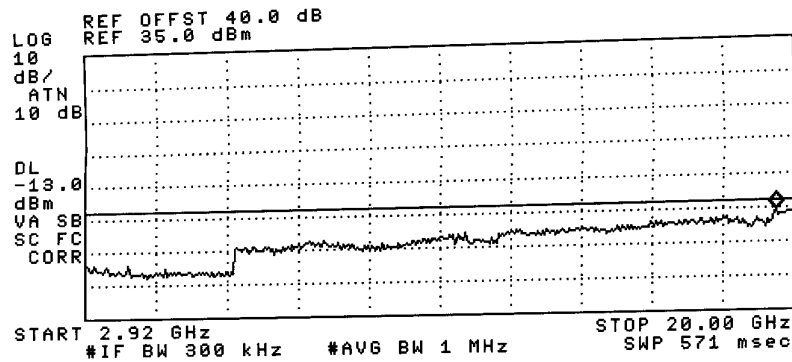
#58



14:01:40 SEP 30, 1999
BLOCK EDGE C, SPA9325-30 (HIGH) OUT OF BAND

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 19.57 GHz
-15.96 dBm

#59



14:07:18 SEP 30, 1999
SIGNAL GENERATOR OUTPUT

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.989705 GHz
-2.29 dBm

#60

