

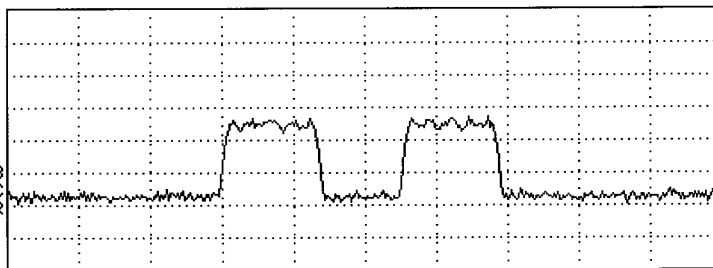
14:32:32 SEP 23, 1999
WJ R820

ACTV DET: PEAK
MEAS DET: PEAK QP AVG

LOG REF -40.0 dBm

10
dB/
#ATN
0 dB

VA SB
SC FC
CORR

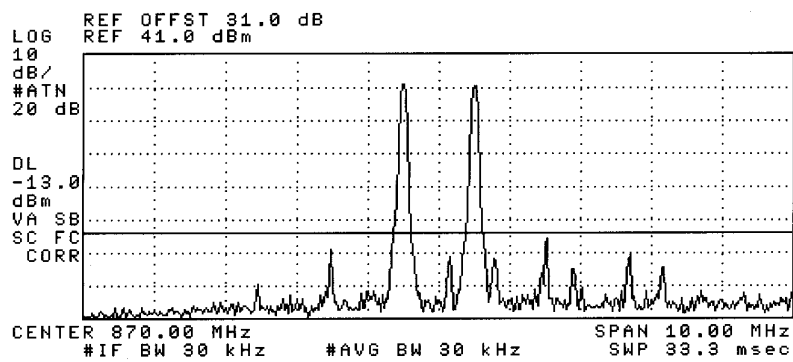


CENTER 826.80 MHz SPAN 10.00 MHz
#IF BW 30 kHz #AVG BW 30 kHz SWP 33.3 msec

16

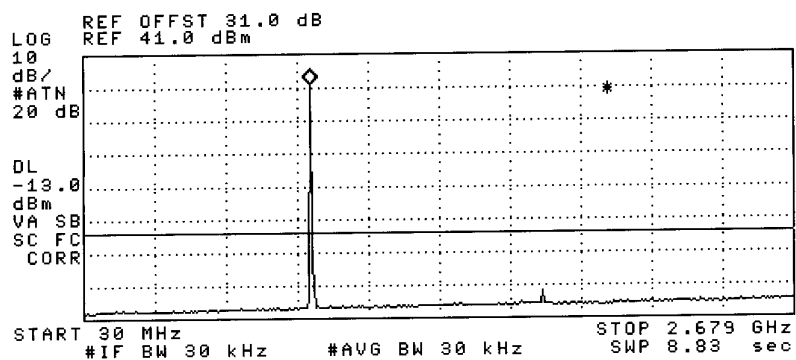
14:12:31 SEP 23, 1999
WJ R820

ACTV DET: PEAK
MEAS DET: PEAK QP AVG



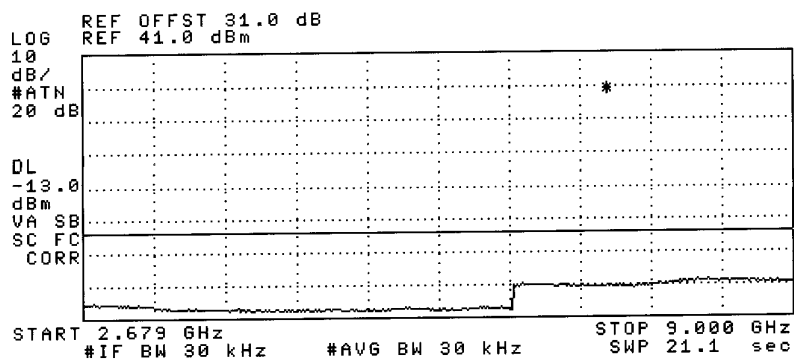
14:13:49 SEP 23, 1999
WJ R820

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 871 MHz
31.83 dBm



14:14:48 SEP 23, 1999
WJ R820

ACTV DET: PEAK
MEAS DET: PEAK QP AVG



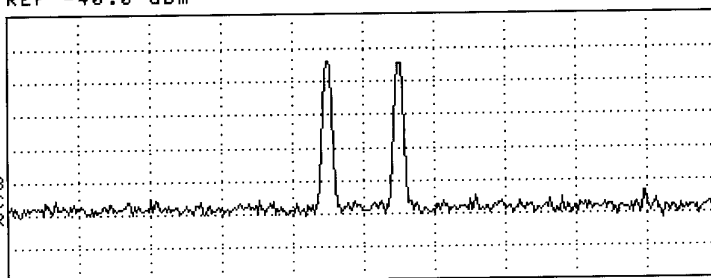
19.

14:27:41 SEP 23, 1999
WJ R820

ACTV DET: PEAK
MEAS DET: PEAK QP AVG

LOG REF -40.0 dBm
10
dB/
#ATTN
0 dB

VA SB
SC FC
CORR

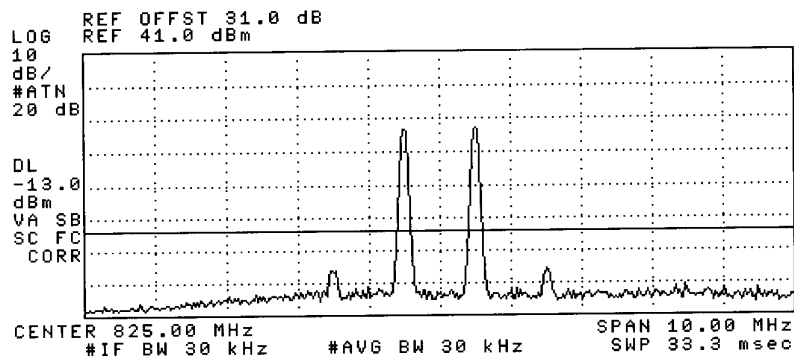


CENTER 870.00 MHz SPAN 10.00 MHz
#IF BW 30 kHz #AVG BW 30 kHz SWP 33.3 msec

20

14:18:37 SEP 23, 1999
WJ R820

ACTV DET: PEAK
MEAS DET: PEAK QP AVG



21

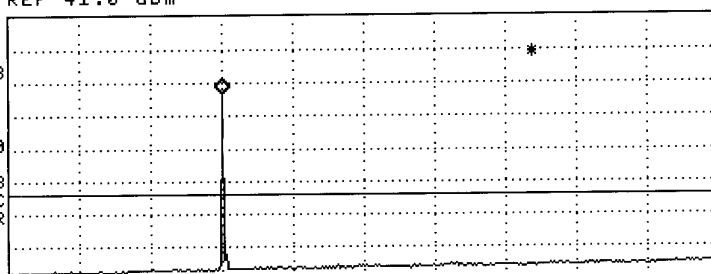
14:20:01 SEP 23, 1999
WJ R820

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 825 MHz
17.42 dBm

REF OFFST 31.0 dB
REF 41.0 dBm

LOG
10
dB/
#ATTN
20 dB

DL
-13.0
dBm
VA SB
SC FC
CORR

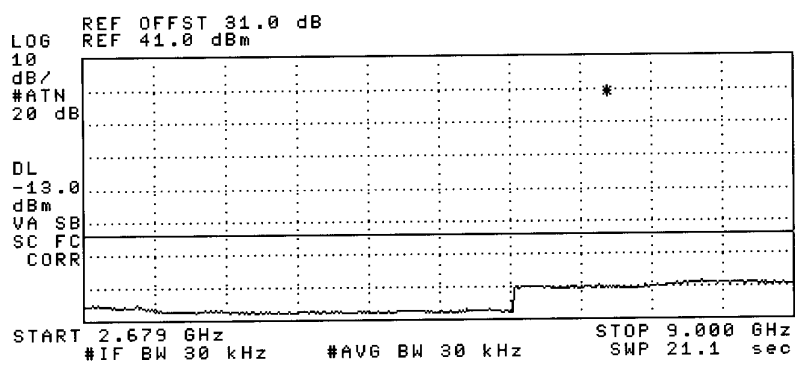


START 30 MHz
#IF BW 30 kHz
#AVG BW 30 kHz
STOP 2.679 GHz
SWP 8.83 sec

22

14:21:04 SEP 23, 1999
WJ R820

ACTV DET: PEAK
MEAS DET: PEAK QP AVG



23

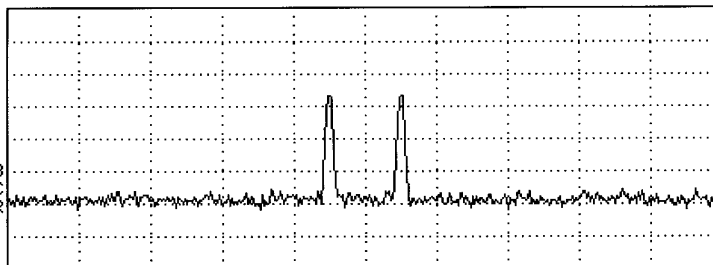
14:25:41 SEP 23, 1999
WJ R820

ACTV DET: PEAK
MEAS DET: PEAK QP AVG

LOG REF -40.0 dBm

10
dB/
#ATN
0 dB

VA SB
SC FC
CORR



CENTER 825.00 MHz SPAN 10.00 MHz
#IF BW 30 kHz #AVG BW 30 kHz SWP 33.3 msec

24

12: 47: 30 SEP 27, 1999
WJ R820

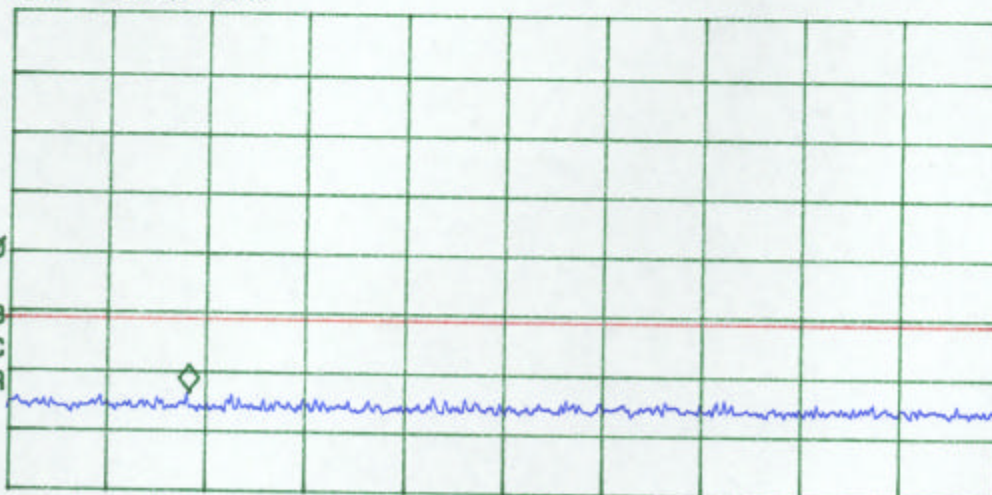
ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 873.56 MHz
-92.37 dBm

LOG REF OFFST 1.0 dB
10 REF -29.0 dBm

dB/
#ATN
0 dB

DL
-80.0
dBm

VA SB
SC FC
CORR



START 869.00 MHz
#IF BW 30 kHz

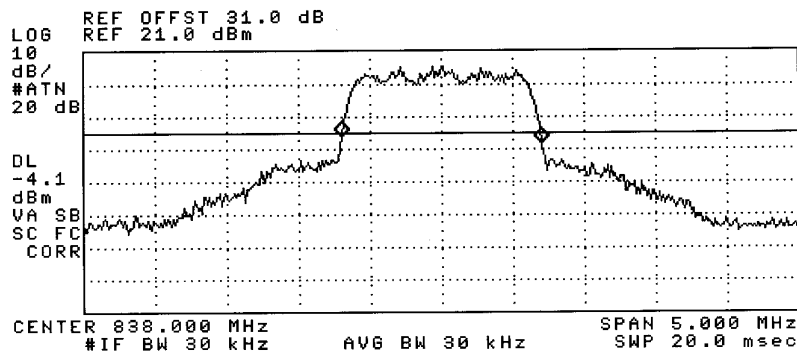
AVG BW 30 kHz

STOP 894.00 MHz
SWP 83.3 msec

25

16:59:26 SEP 23, 1999
WJ R820

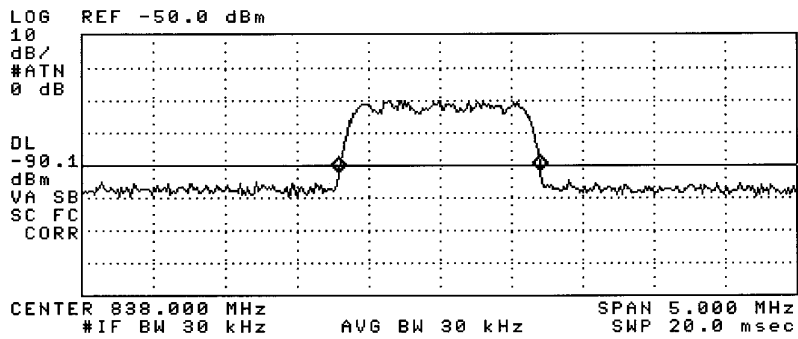
ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKRA 1.400 MHz
-2.30 dB



26

17:03:25 SEP 23, 1999
WJ R820

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKRA 1.413 MHz
.32 dB



27

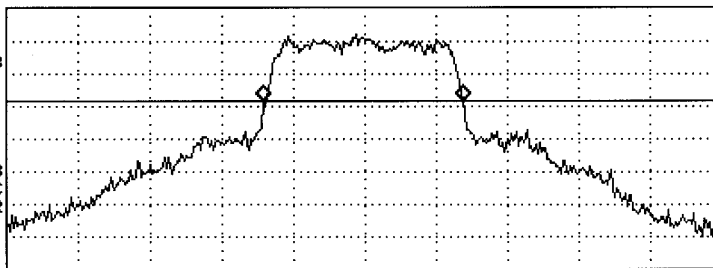
16:29:48 SEP 23, 1999
WJ R820

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKRA 1.400 MHz
-.07 dB

REF OFFST 31.0 dB
REF 41.0 dBm

LOG
10
dB/
#ATN
20 dB

DL
12.5
dBm
VA SB
SC FC
CORR



CENTER 883.000 MHz SPAN 5.000 MHz
#IF BW 30 kHz AVG BW 30 kHz SWP 20.0 msec

28

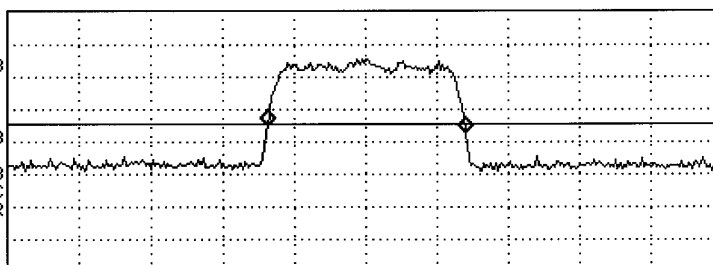
10:43:40 SEP 24, 1999
WJ R820

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKRΔ 1.388 MHz
-1.91 dB

LOG REF -40.0 dBm

10
dB/
#ATN
10 dB

DL
-74.8
dBm
VA SB
SC FC
CORR



CENTER 883.000 MHz
#IF BW 30 kHz

AVG BW 30 kHz

SPAN 5.000 MHz
SWP 20.0 msec

29

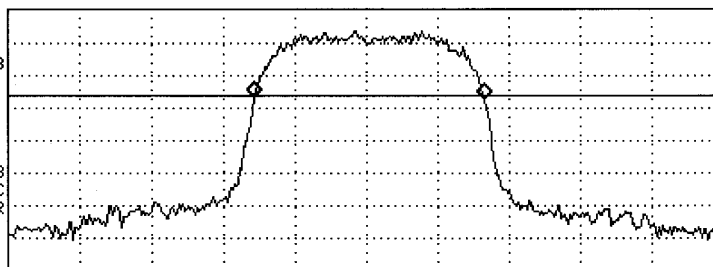
16:56:29 SEP 23, 1999
WJ R820

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKRA 32.3 kHz
-1.79 dB

REF OFFST 31.0 dB
REF 21.0 dBm

LOG
10
dB/
#ATN
20 dB

DL
-5.4
dBm
VA SB
SC FC
CORR



CENTER 838.0000 MHz SPAN 100.0 kHz
#IF BW 1.0 kHz AVG BW 1 kHz SWP 300 msec

30

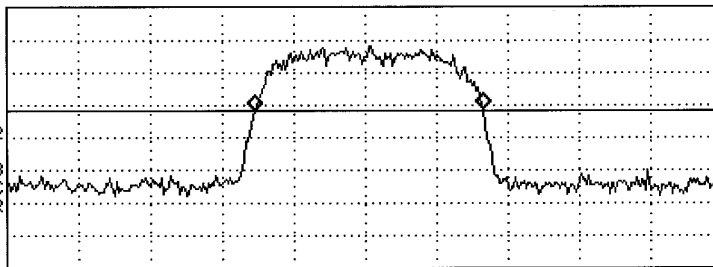
17:06:55 SEP 23, 1999
WJ R820

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR Δ 32.0 kHz
.47 dB

LOG REF -60.0 dBm

10
dB/
#ATN
0 dB

DL
-92.2
dBm
VA SB
SC FC
CORR



CENTER 838.0000 MHz
#IF BW 1.0 kHz

AVG BW 1 kHz

SPAN 100.0 kHz
SWP 300 msec

31

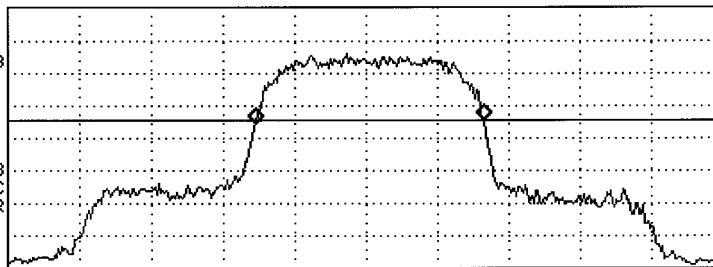
10:34:46 SEP 24, 1999
WJ R820

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKRΔ 32.0 kHz
.60 dB

REF OFFST 31.0 dB
REF 51.0 dBm

LOG
10
dB/
#ATN
30 dB

DL
16.5
dBm
VA SB
SC FC
CORR



CENTER 883.0000 MHz
#IF BW 1.0 kHz

AVG BW 1 kHz

SPAN 100.0 kHz
SWP 300 msec

32

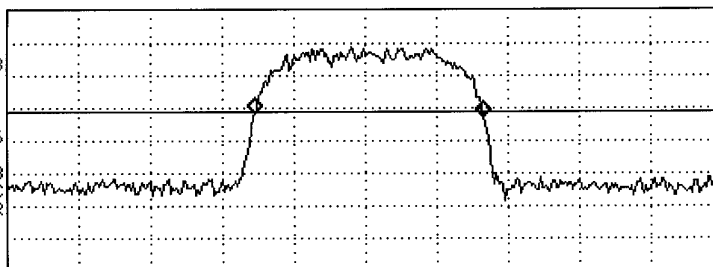
10:41:33 SEP 24, 1999
WJ R820

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKRA 32.0 kHz
-1.48 dB

LOG REF -40.0 dBm

10
dB/
#ATN
20 dB

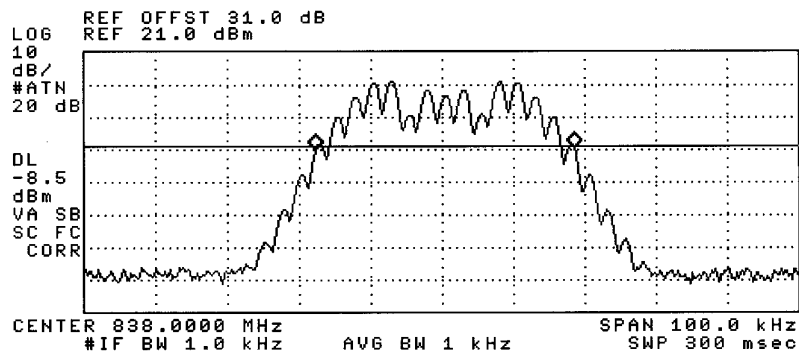
DL
-71.6
dBm
VA SB
SC FC
CORR



CENTER 883.0000 MHz SPAN 100.0 kHz
#IF BW 1.0 kHz AVG BW 1 kHz SWP 300 msec

16:54:23 SEP 23, 1999
WJ R820

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKRA 36.3 kHz
.80 dB



34

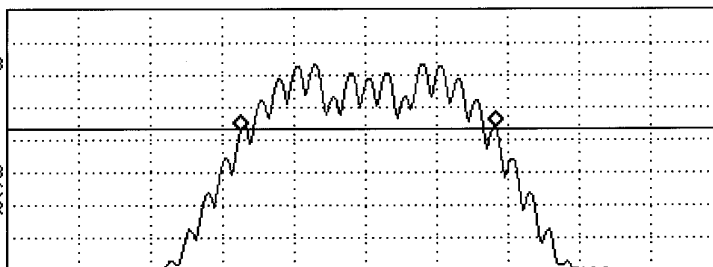
10:36:58 SEP 24, 1999
WJ R820

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKRΔ 35.8 kHz
.89 dB

REF OFFST 31.0 dB
REF 51.0 dBm

LOG
10
dB/
#ATN
30 dB

DL
14.0
dBm
VA SB
SC FC
CORR



CENTER 883.0000 MHz SPAN 100.0 kHz
#IF BW 1.0 kHz AVG BW 1 kHz SWP 300 msec

34

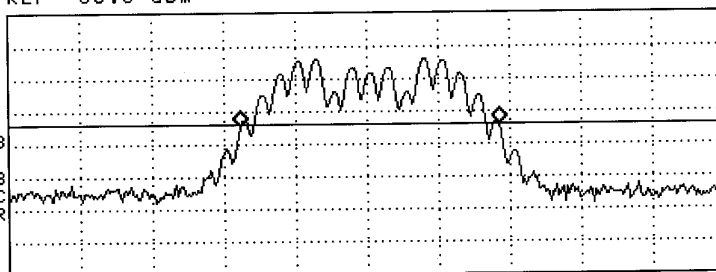
17:07:50 SEP 23, 1999
WJ R820

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKRA 36.3 kHz
.34 dB

LOG REF -60.0 dBm

10
dB/
#ATN
0 dB

DL
-94.3
dBm
VA SB
SC FC
CORR



CENTER 838.0000 MHz
#IF BW 1.0 kHz

AVG BW 1 kHz

SPAN 100.0 kHz
SWP 300 msec

35

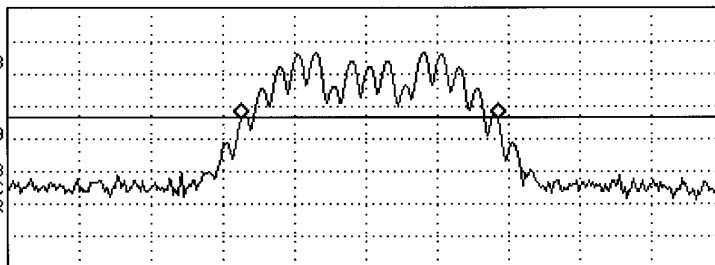
10:40:10 SEP 24, 1999
WJ R820

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKRA 36.0 kHz
-.12 dB

LOG REF -40.0 dBm

10
dB/
#ATN
20 dB

DL
-73.9
dBm
VA SB
SC FC
CORR



CENTER 883.0000 MHz
#IF BW 1.0 kHz

AVG BW 1 kHz

SPAN 100.0 kHz
SWP 300 msec

35