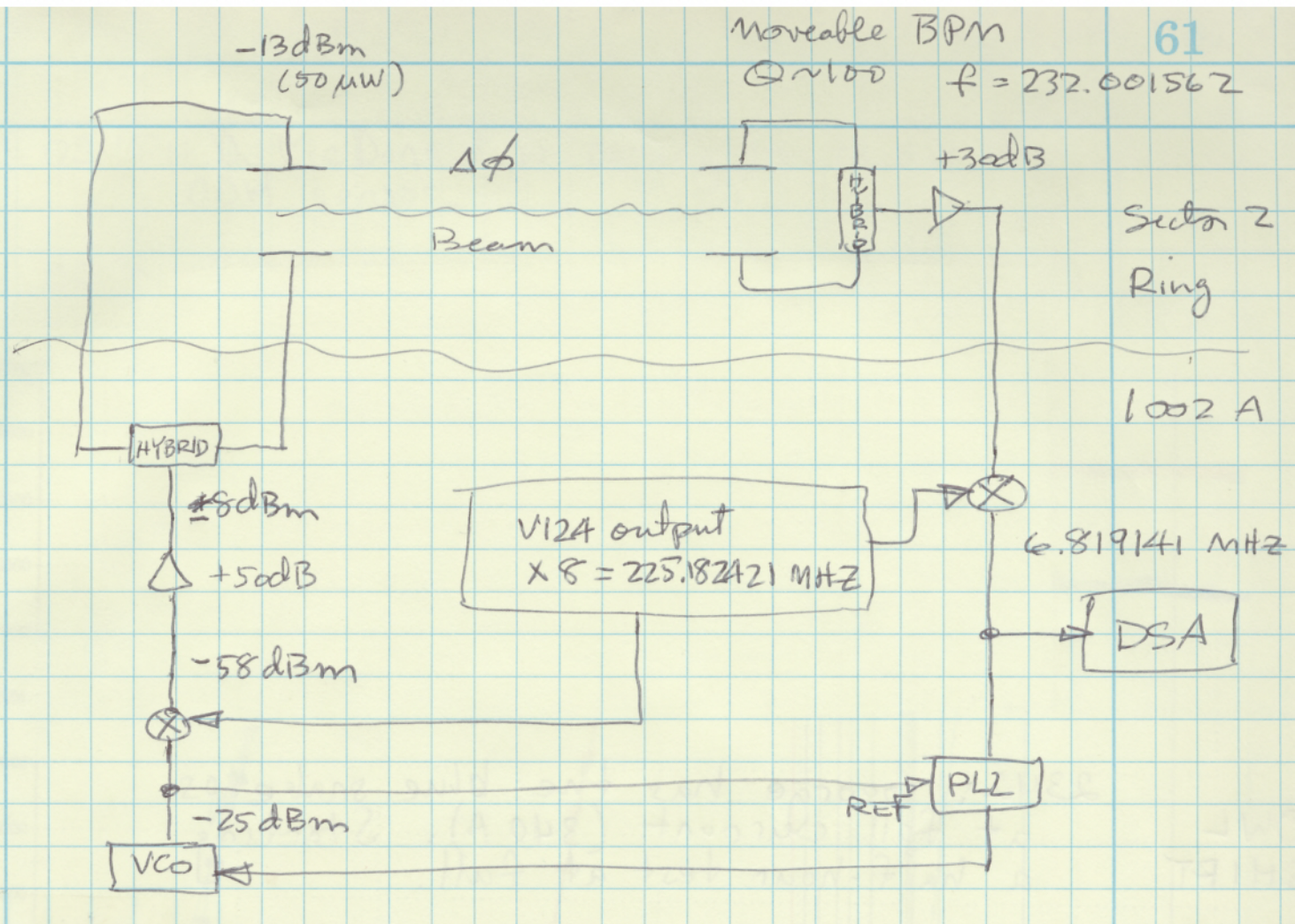
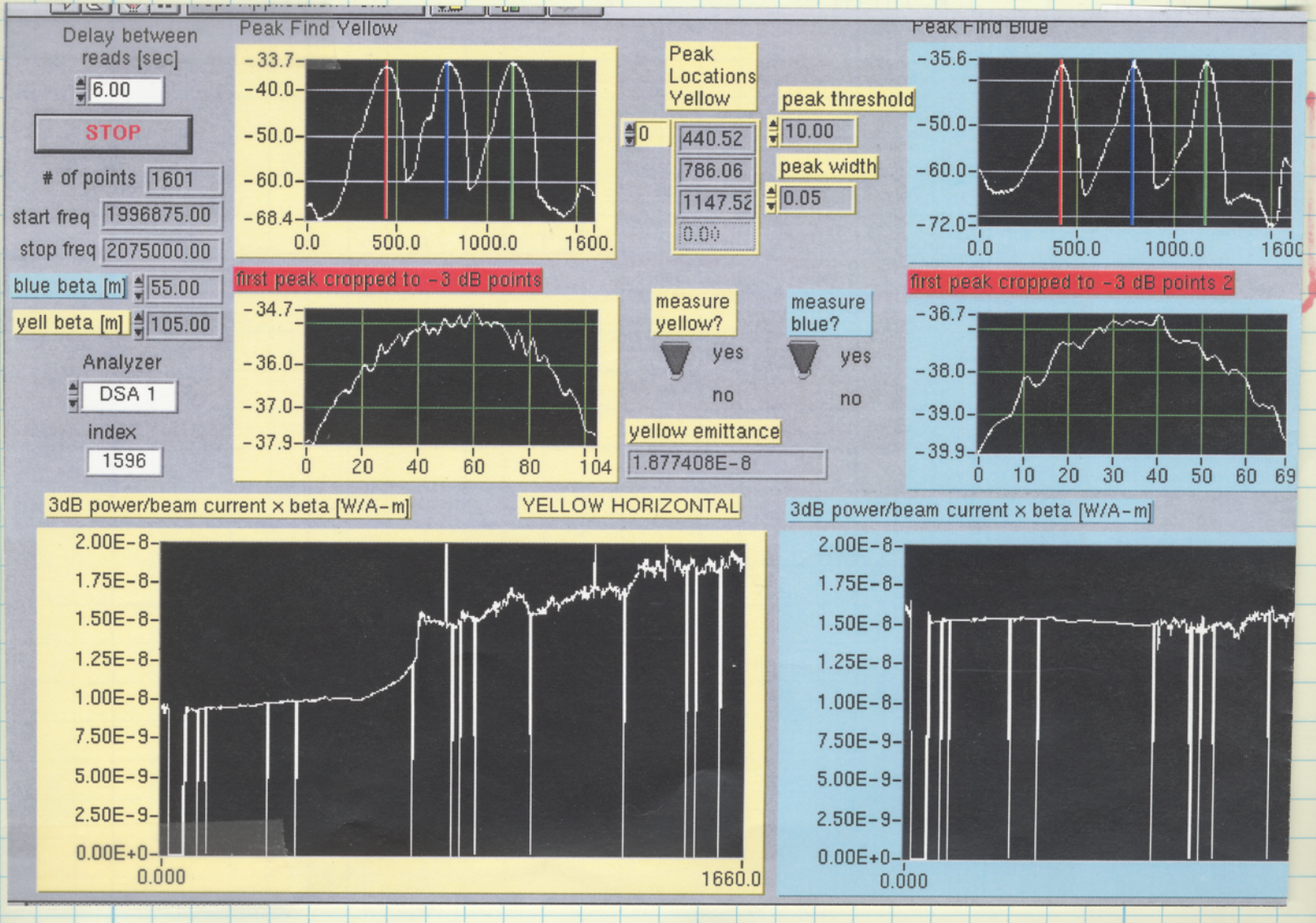

-13dBm
(50μW)
Moveable BPM
Q=100
f = 232.001562
Δφ
Beam
+30dB
HYBRID
Sector 2
Ring
1002 A
HYBRID
±8dBm
+50dB
V124 output
X 8 = 225.182421 MHz
6.819141 MHz
DSA
-58dBm
-25dBm
REF
PLL
VCO


Delay between reads [sec]
6.00
STOP
# of points 1601
start freq 1996875.00
stop freq 2075000.00
blue beta [m] 55.00
yell beta [m] 105.00
Analyzer
DSA 1
index
1596
Peak Find Yellow
-33.7
-40.0
-50.0
-60.0
-68.4
0.0
500.0
1000.0
1600.
Peak Locations Yellow
0
440.52
786.06
1147.52
0.00
peak threshold
10.00
peak width
0.05
Peak Find Blue
-35.6
-50.0
-60.0
-72.0
0.0
500.0
1000.0
1600
first peak cropped to -3 dB points
-34.7
-36.0
-37.0
-37.9
0
20
40
60
80
104
measure yellow?
yes
no
measure blue?
yes
no
yellow emittance
1.877408E-8
first peak cropped to -3 dB points 2
-36.7
-38.0
-39.0
-39.9
0
10
20
30
40
50
60
69
3dB power/beam current x beta [W/A-m]
YELLOW HORIZONTAL
2.00E-8
1.75E-8
1.50E-8
1.25E-8
1.00E-8
7.50E-9
5.00E-9
2.50E-9
0.00E+0
0.000
1660.0
3dB power/beam current x beta [W/A-m]
2.00E-8
1.75E-8
1.50E-8
1.25E-8
1.00E-8
7.50E-9
5.00E-9
2.50E-9
0.00E+0
0.000