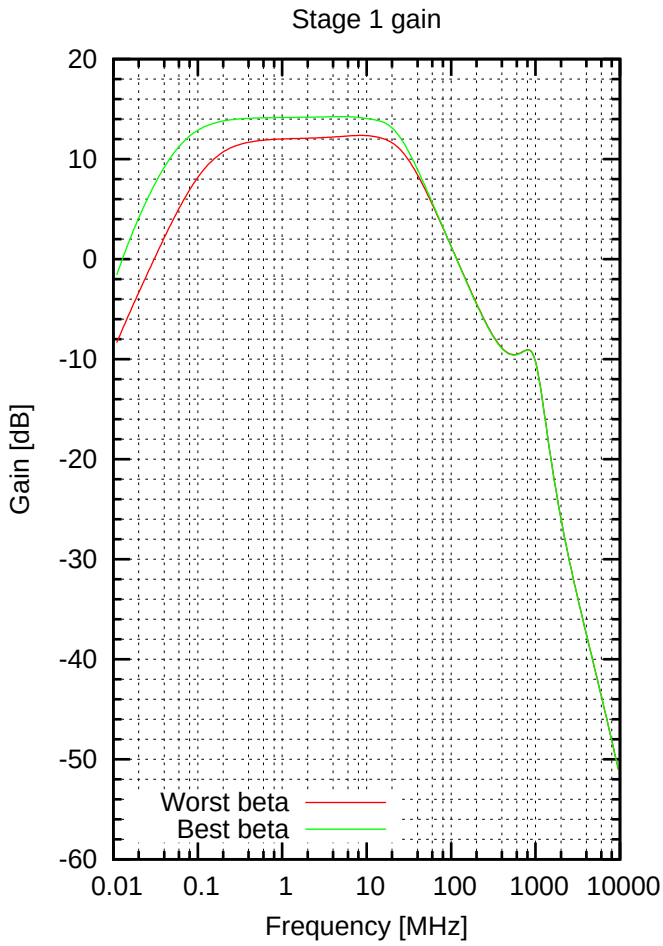
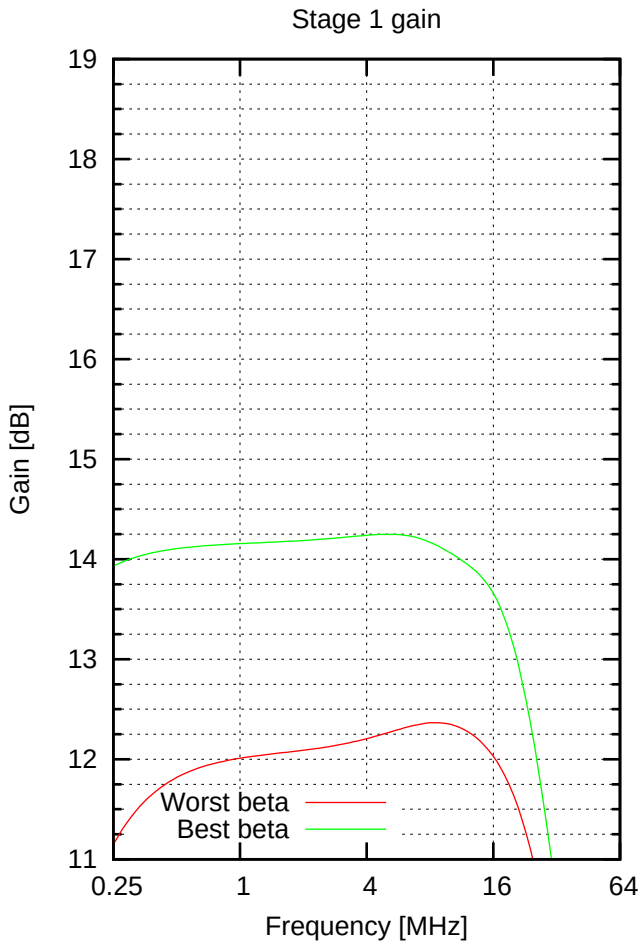
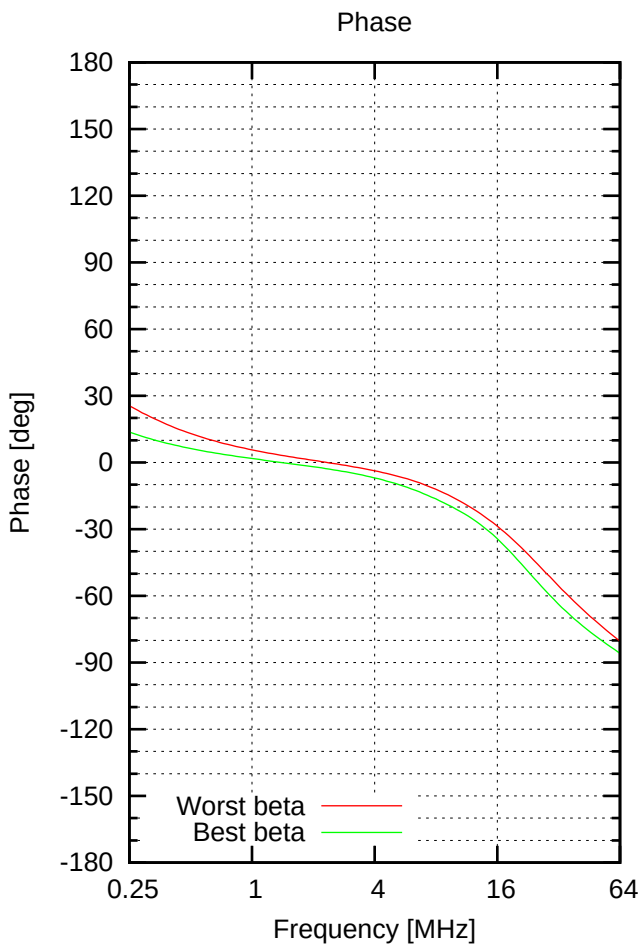
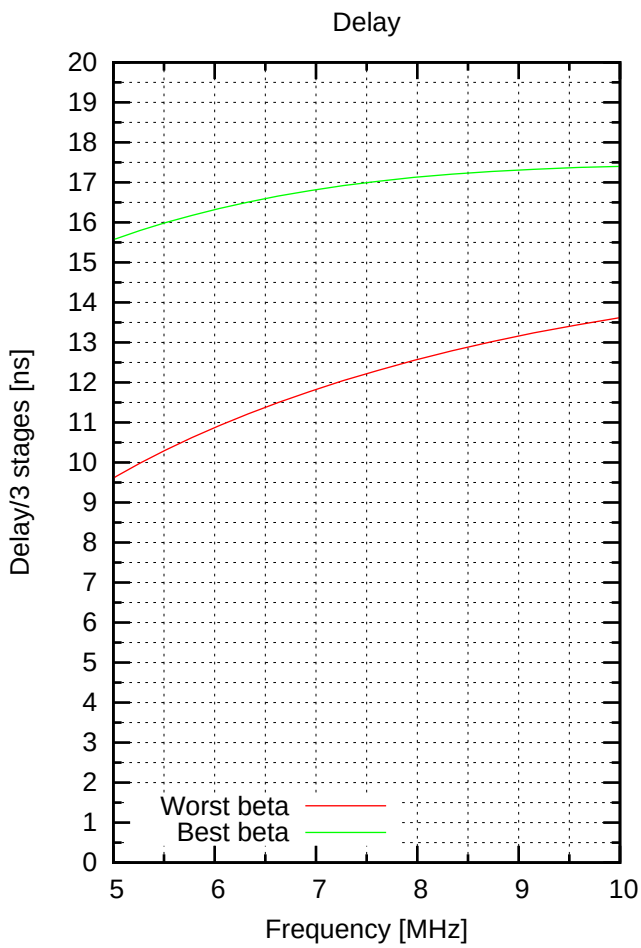

Stage 1 gain
Gain [dB]
Frequency [MHz]
Worst beta
Best beta
20
10
0
-10
-20
-30
-40
-50
-60
0.01
0.1
1
10
100
1000
10000


Stage 1 gain
Gain [dB]
Frequency [MHz]
Worst beta
Best beta
19
18
17
16
15
14
13
12
11
0.25
1
4
16
64


Phase
Phase [deg]
Frequency [MHz]
Worst beta
Best beta
180
150
120
90
60
30
0
-30
-60
-90
-120
-150
-180
0.25
1
4
16
64


Delay
Delay/3 stages [ns]
Frequency [MHz]
Worst beta
Best beta
20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
5
6
7
8
9
10