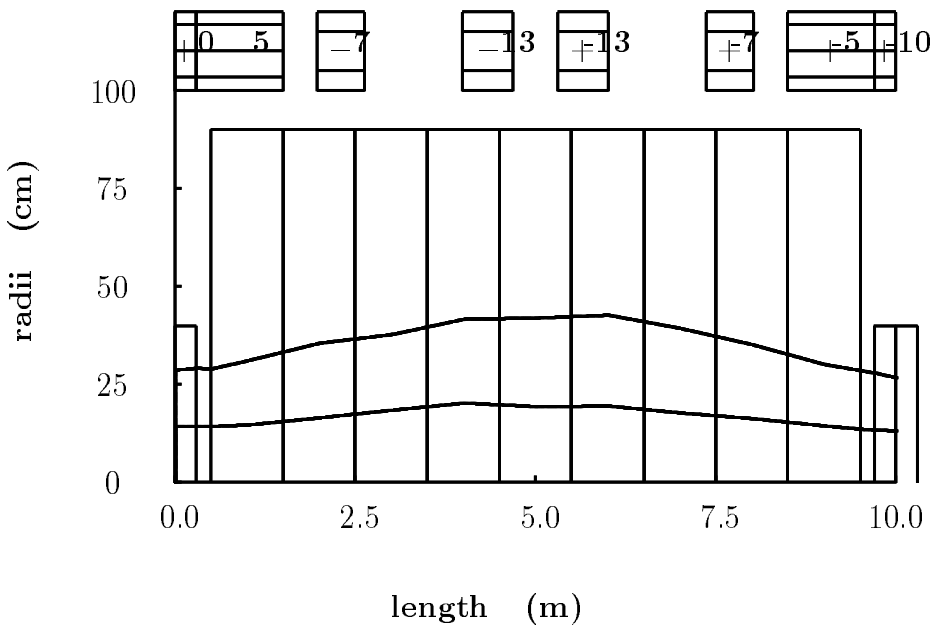
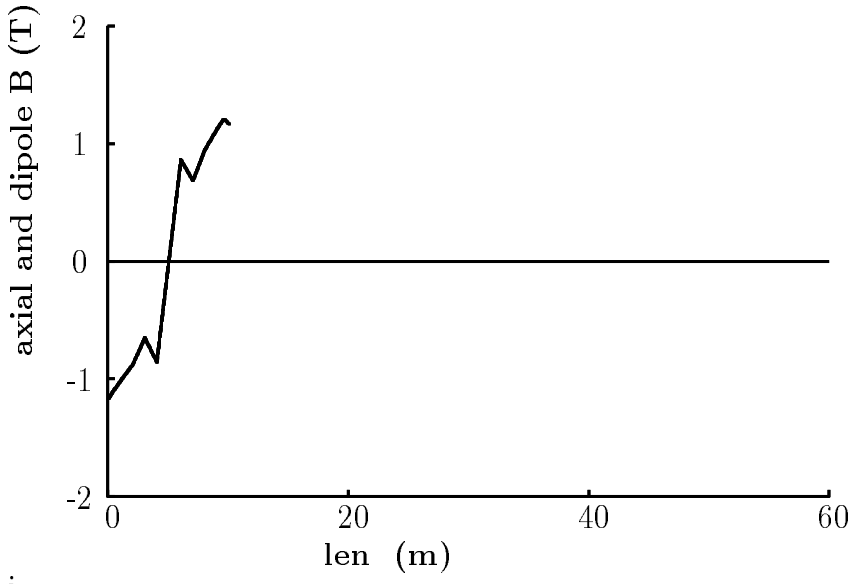
len1	dl	rad	dr	I/A
m	m	m	m	A/mm^2
-.001	0.300	1.000	0.200	0.00
0.299	1.200	1.000	0.200	5.04
1.976	0.650	1.000	0.200	7.39
3.989	0.700	1.000	0.200	13.64
5.309	0.700	1.000	0.200	-13.62
7.372	0.650	1.000	0.200	-7.97
8.499	1.200	1.000	0.200	-5.44
9.699	0.300	1.000	0.200	-10.51

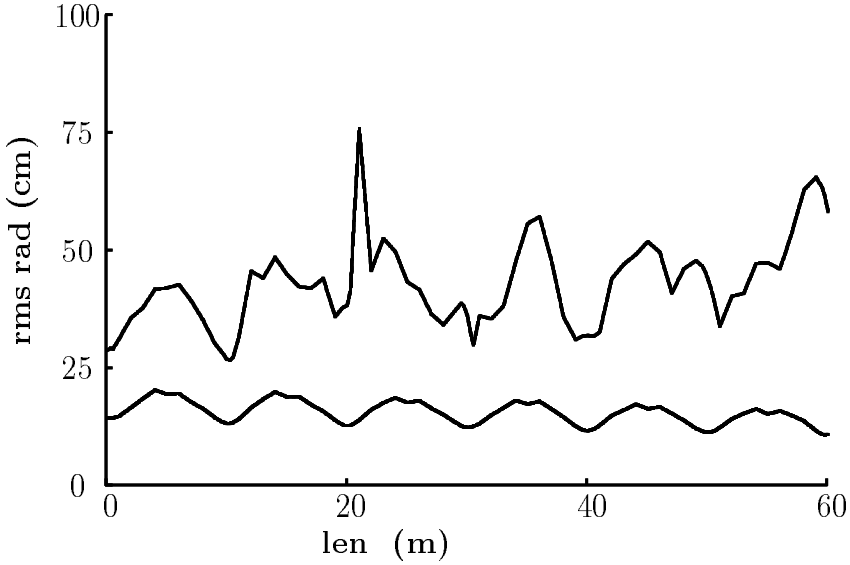


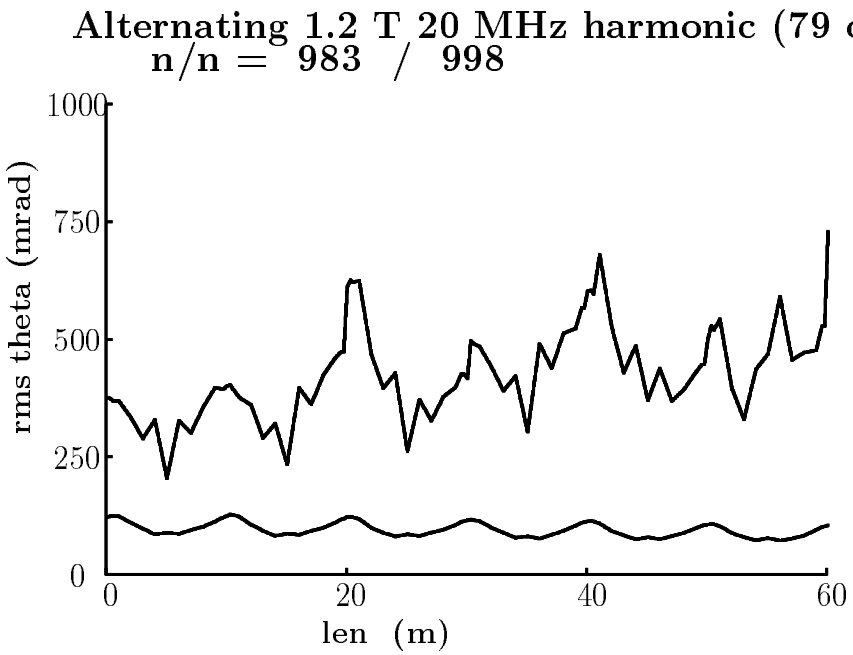
Alternating 1.2 T 20 MHz harmonic (79 oct 1T1h)

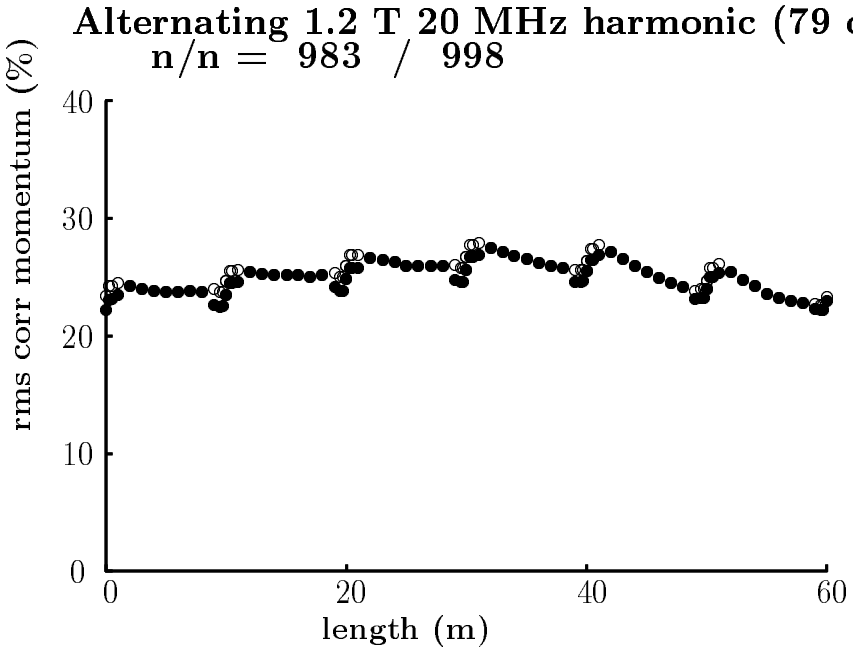


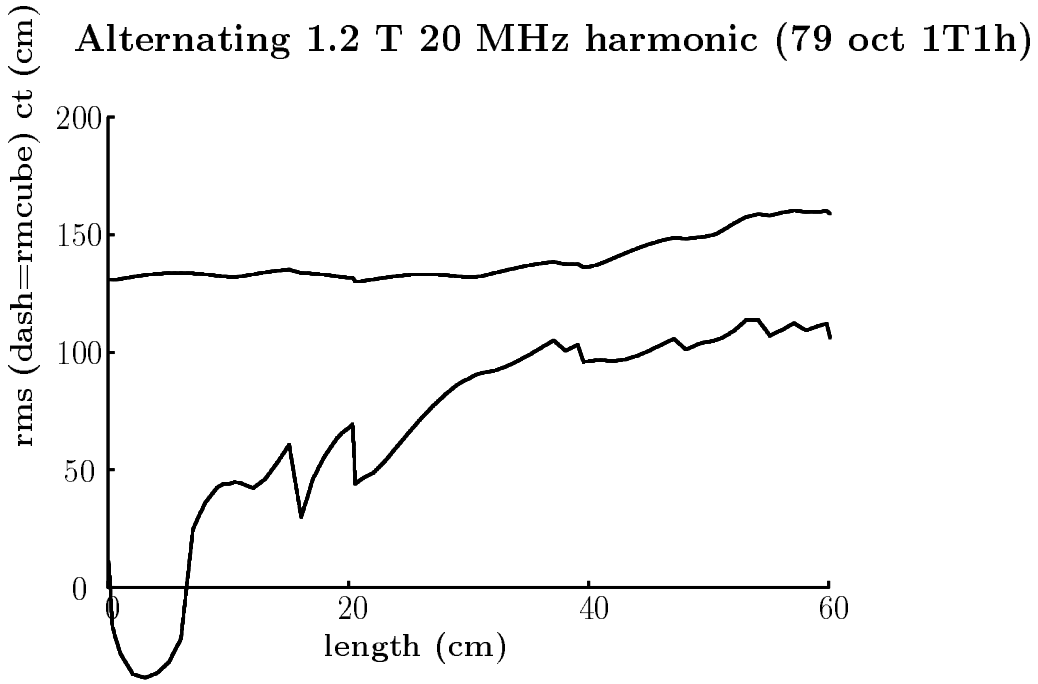
in

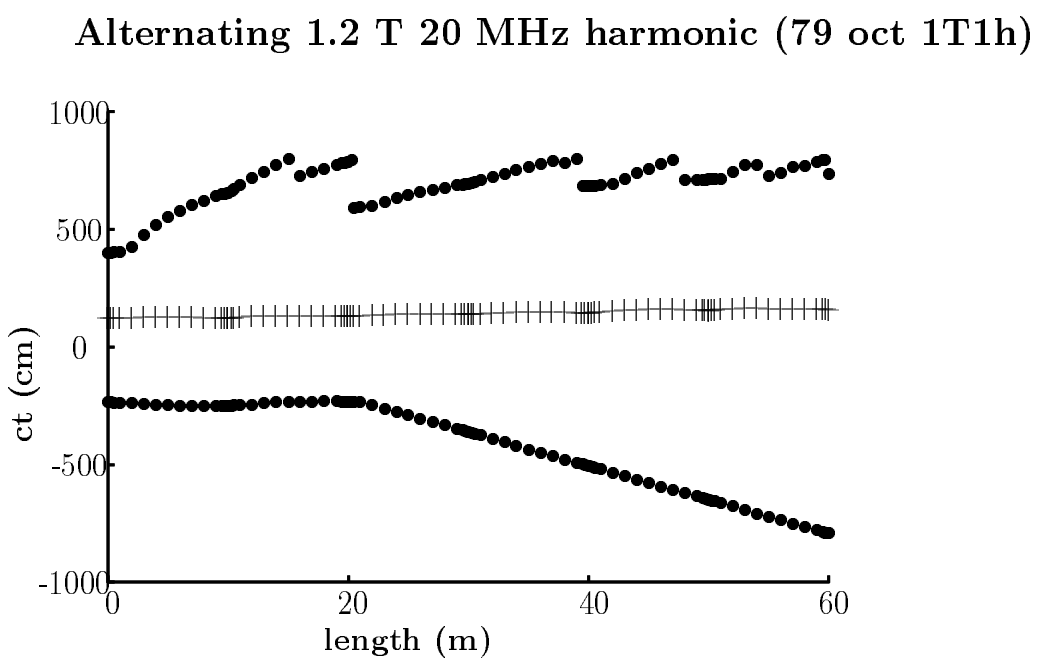
Alternating 1.2 T 20 MHz harmonic (79 oct 1T1h)
n/n = 983 / 998

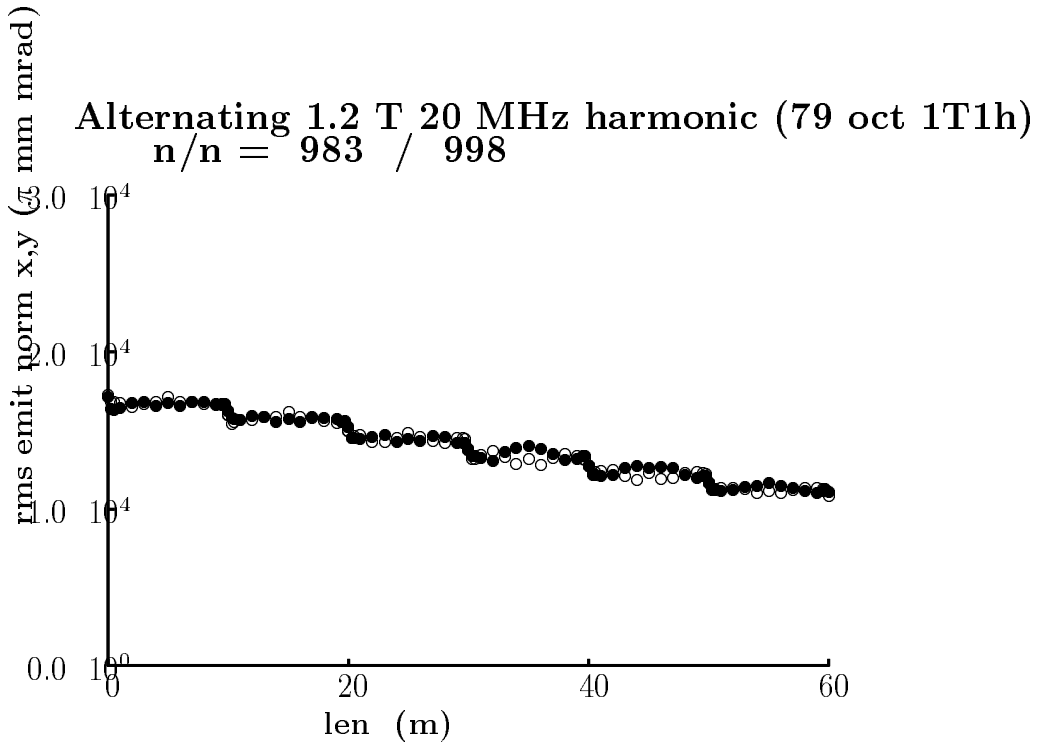


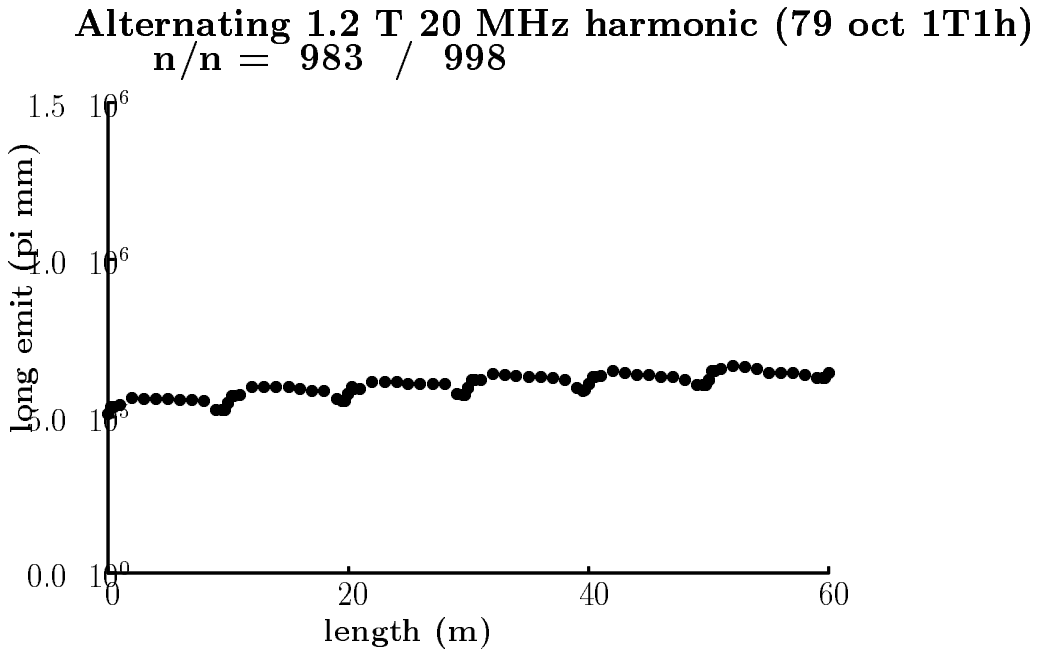

Alternating 1.2 T 20 MHz harmonic (79 oct 1T1h)
n/n = 983 / 998
rms theta (mrad)
1000
750
500
250
0
0
20
40
60
len (m)

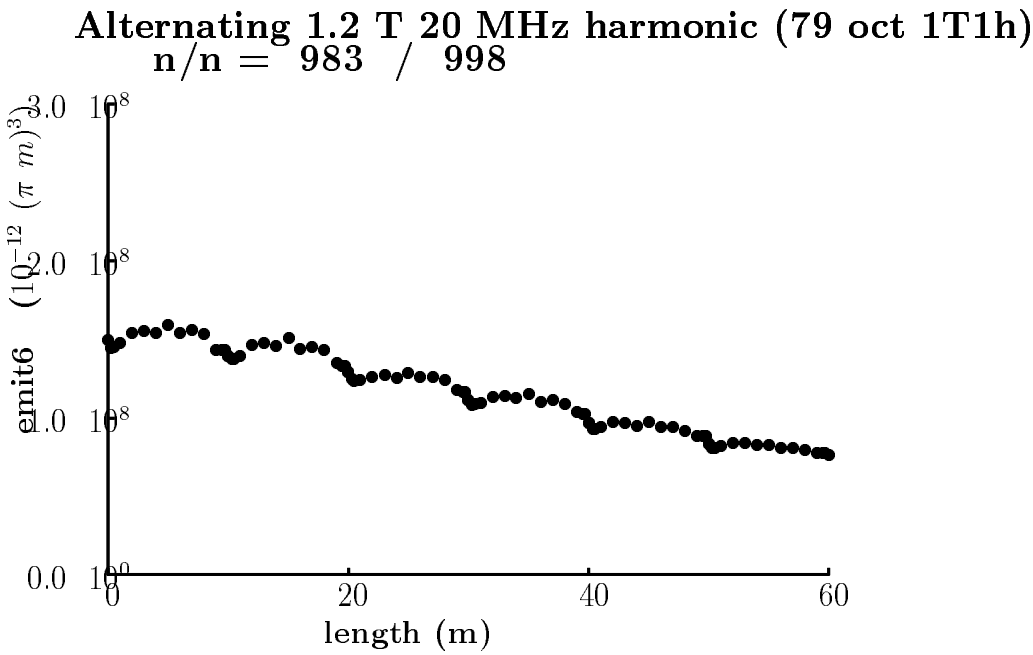

Alternating 1.2 T 20 MHz harmonic (79 oct 1T1h)
n/n = 983 / 998
rms corr momentum (%)
40
30
20
10
0
0
20
40
60
length (m)

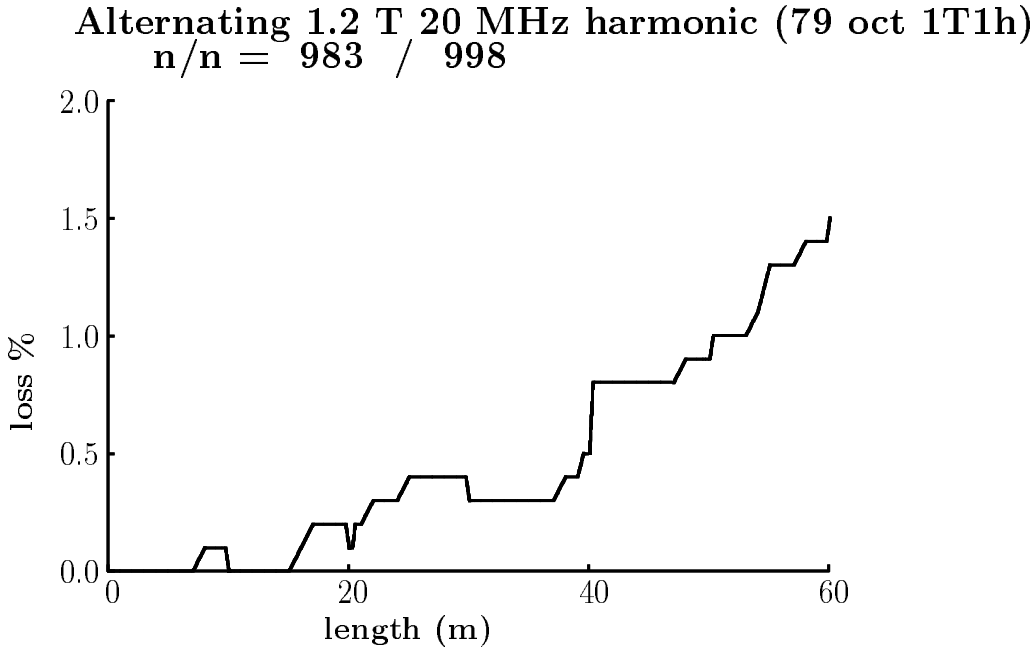

Alternating 1.2 T 20 MHz harmonic (79 oct 1T1h)
rms (dash=rmcube) ct (cm)
200
150
100
50
0
0
20
40
60
length (cm)

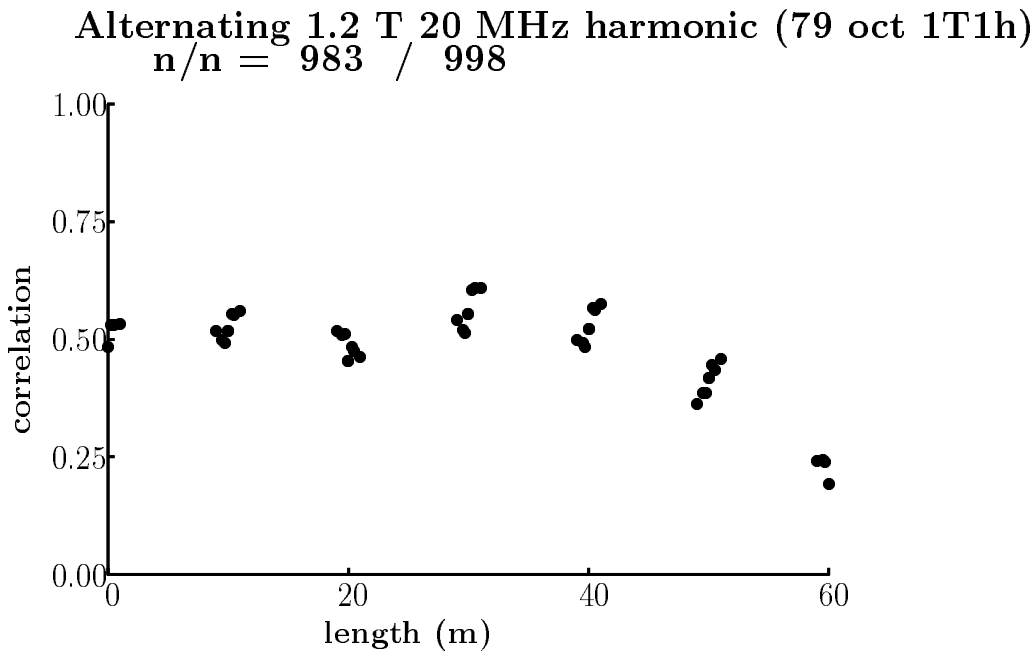

Alternating 1.2 T 20 MHz harmonic (79 oct 1T1h)
ct (cm)
1000
500
0
-500
-1000
0
20
40
60
length (m)

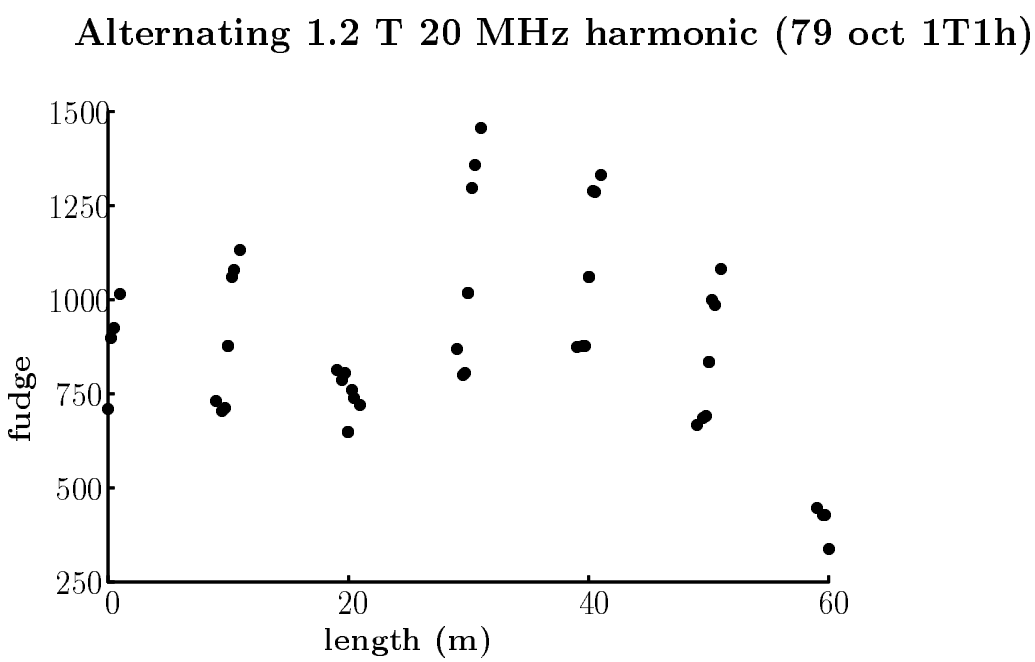

Alternating 1.2 T 20 MHz harmonic (79 oct 1T1h)
n/n = 983 / 998
rms emit norm x,y (pi mm mrad)
3.0 10^4
2.0 10^4
1.0 10^4
0.0 10^0
0
20
40
60
len (m)

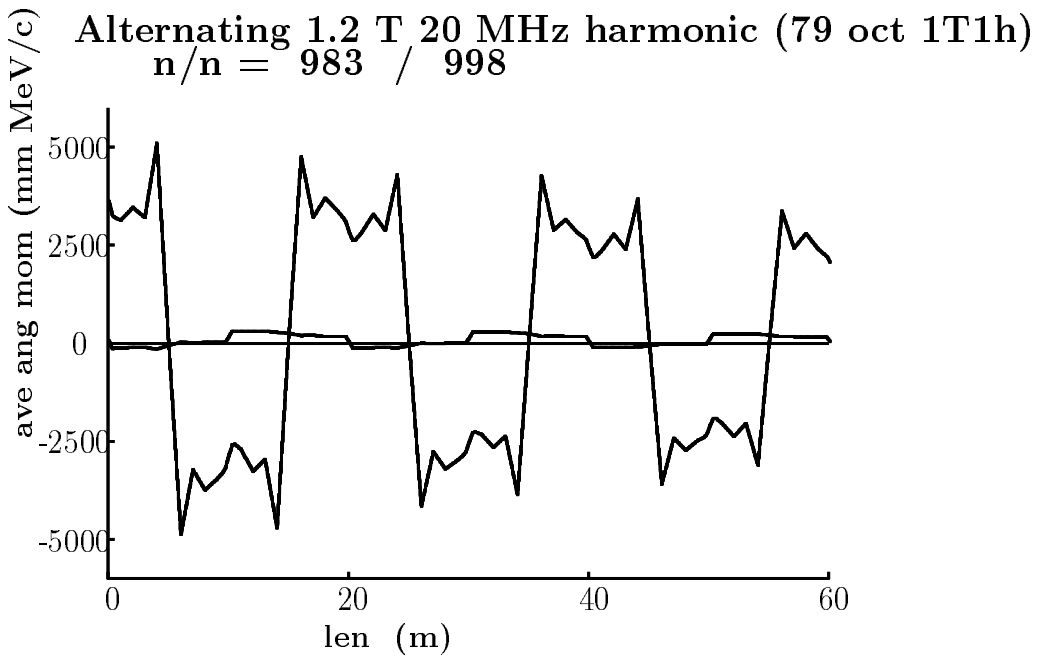

Alternating 1.2 T 20 MHz harmonic (79 oct 1T1h)
n/n = 983 / 998
long emit (pi mm)
1.5 10^6
1.0 10^6
5.0 10^5
0.0 10^0
0
20
40
60
length (m)

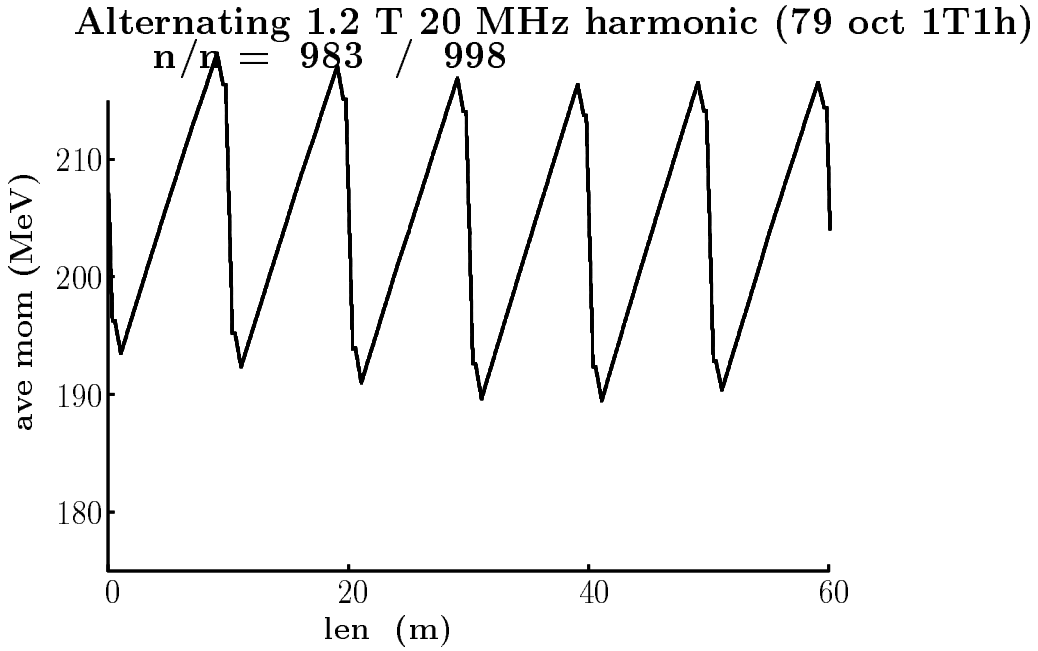

Alternating 1.2 T 20 MHz harmonic (79 oct 1T1h)
n/n = 983 / 998
emit6 $(10^{-12}\ (\pi\ m)^3)$
3.0 10^8
2.0 10^8
1.0 10^8
0.0 10^0
0
20
40
60
length (m)

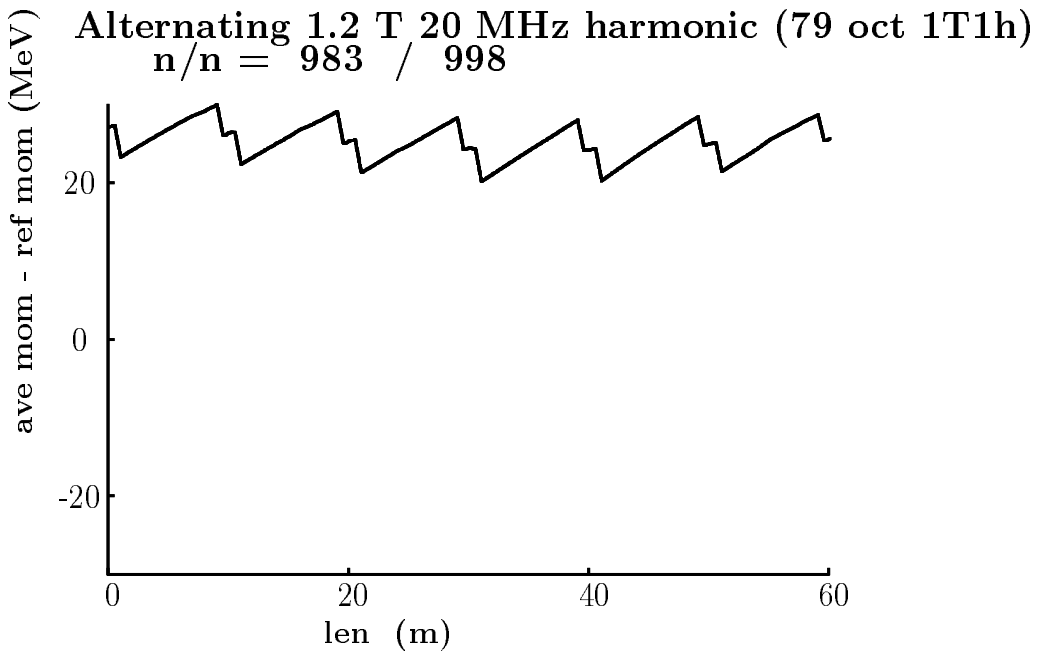

Alternating 1.2 T 20 MHz harmonic (79 oct 1T1h)
n/n = 983 / 998
loss %
2.0
1.5
1.0
0.5
0.0
0
20
40
60
length (m)


Alternating 1.2 T 20 MHz harmonic (79 oct 1T1h)
n/n = 983 / 998
correlation
length (m)
1.00
0.75
0.50
0.25
0.00
0
20
40
60


Alternating 1.2 T 20 MHz harmonic (79 oct 1T1h)
fudge
length (m)
1500
1250
1000
750
500
250
0
20
40
60


Alternating 1.2 T 20 MHz harmonic (79 oct 1T1h)
n/n = 983 / 998
ave ang mom (mm MeV/c)
5000
2500
0
-2500
-5000
0
20
40
60
len (m)


Alternating 1.2 T 20 MHz harmonic (79 oct 1T1h)
n/n = 983 / 998
ave mom (MeV)
210
200
190
180
0
20
40
60
len (m)


Alternating 1.2 T 20 MHz harmonic (79 oct 1T1h)
n/n = 983 / 998
ave mom - ref mom (MeV)
20
0
-20
0
20
40
60
len (m)