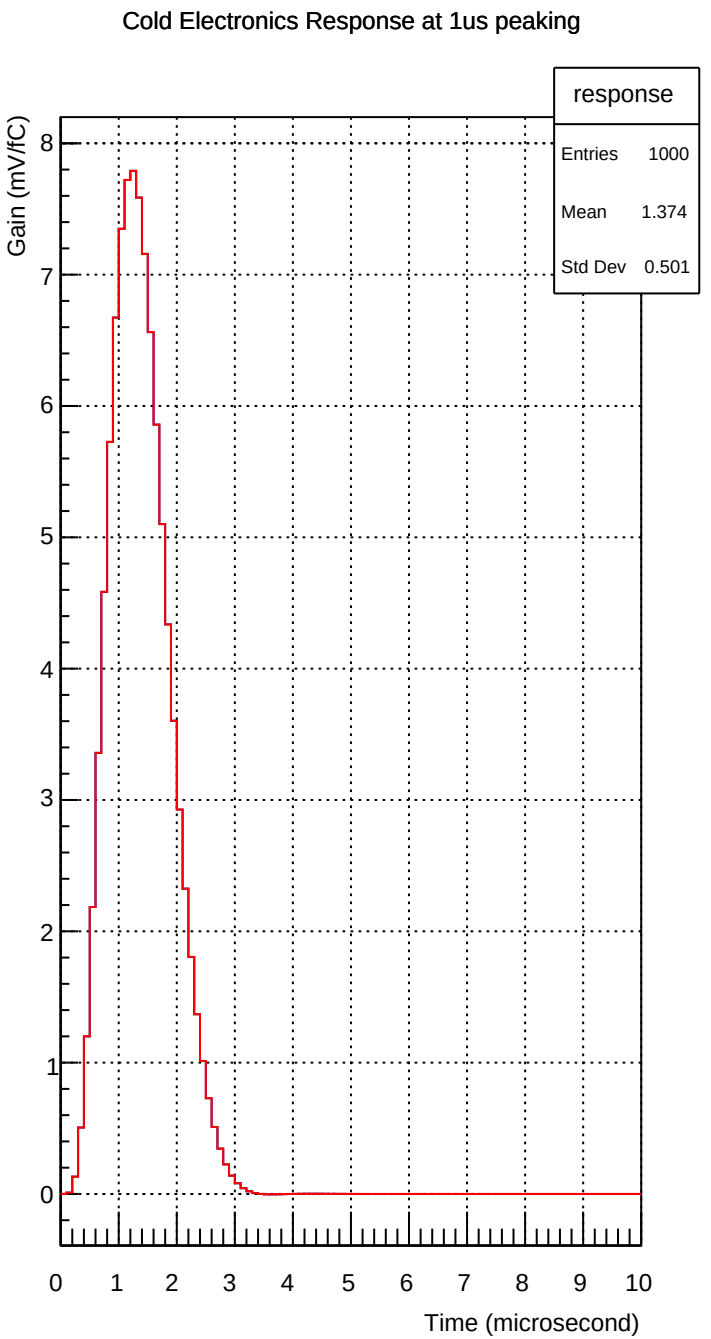
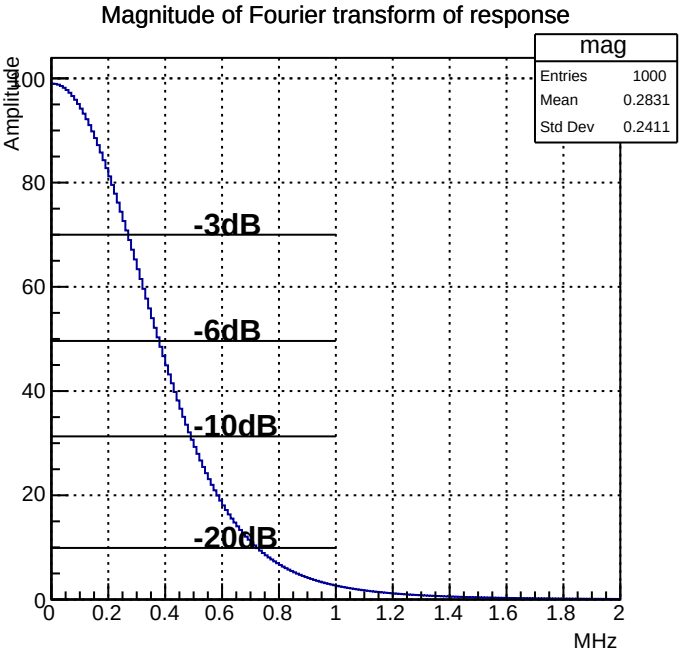
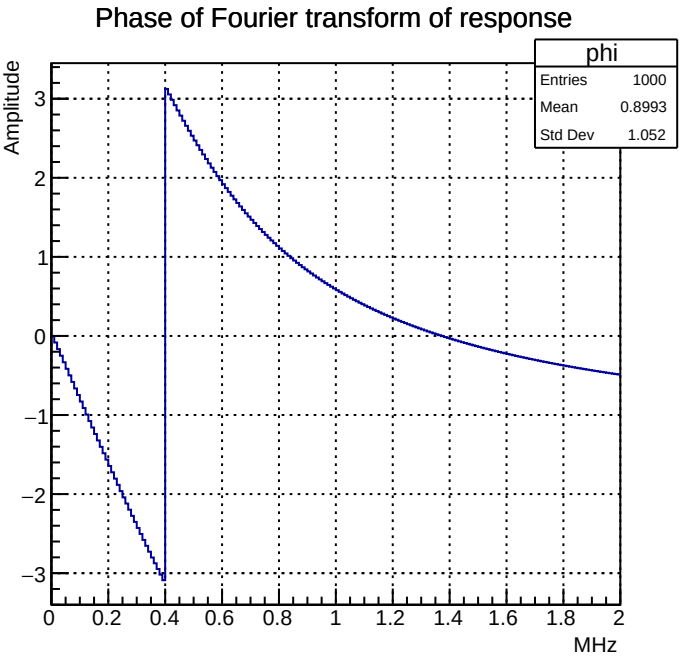
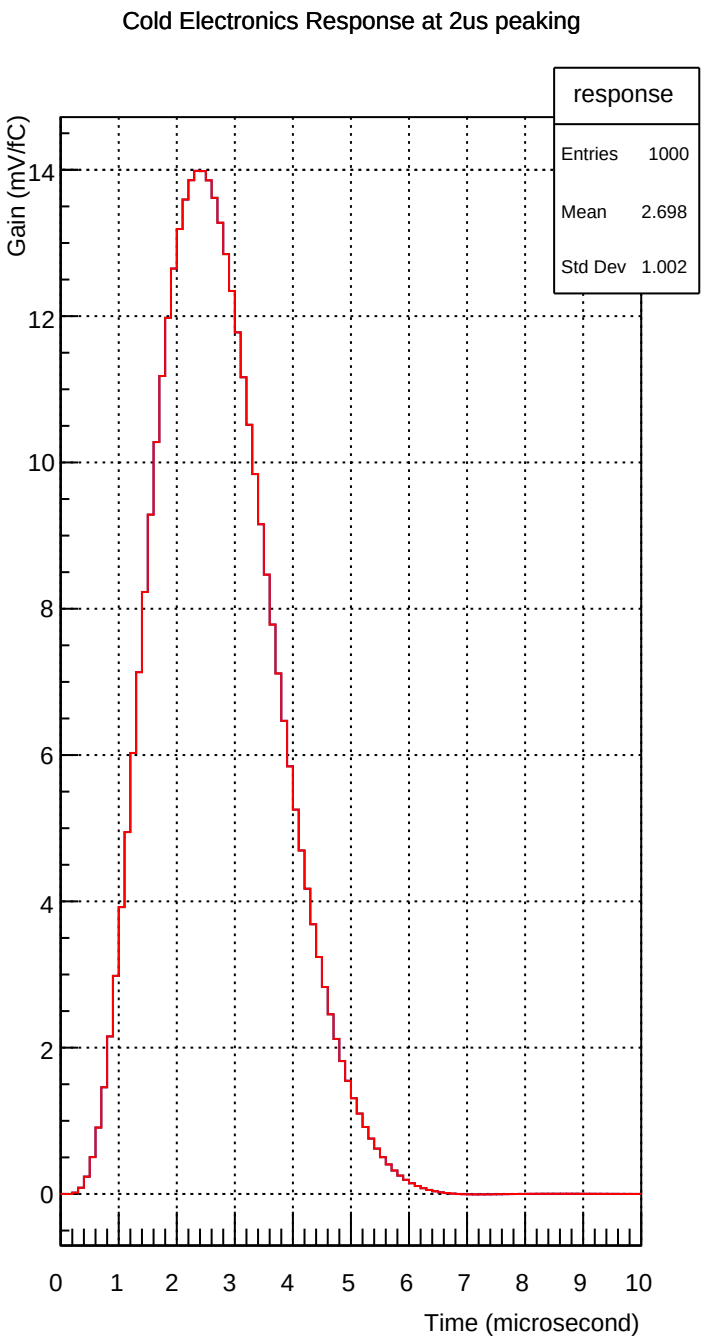
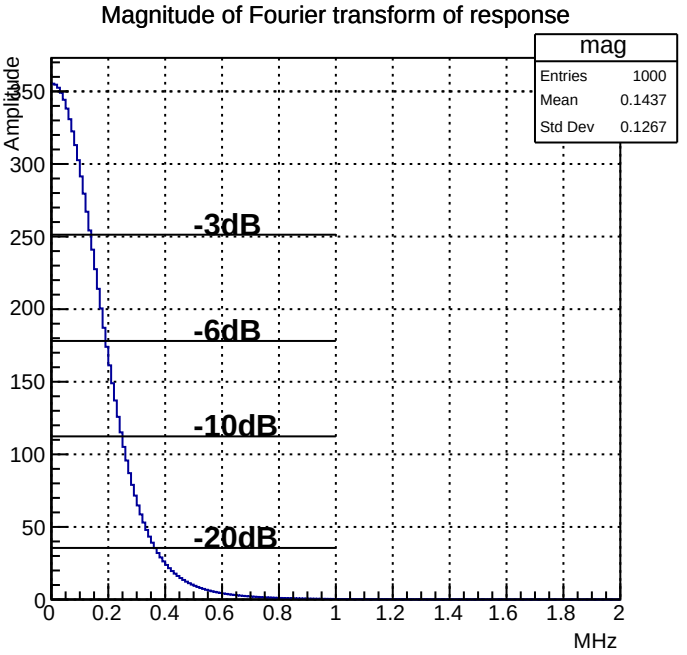
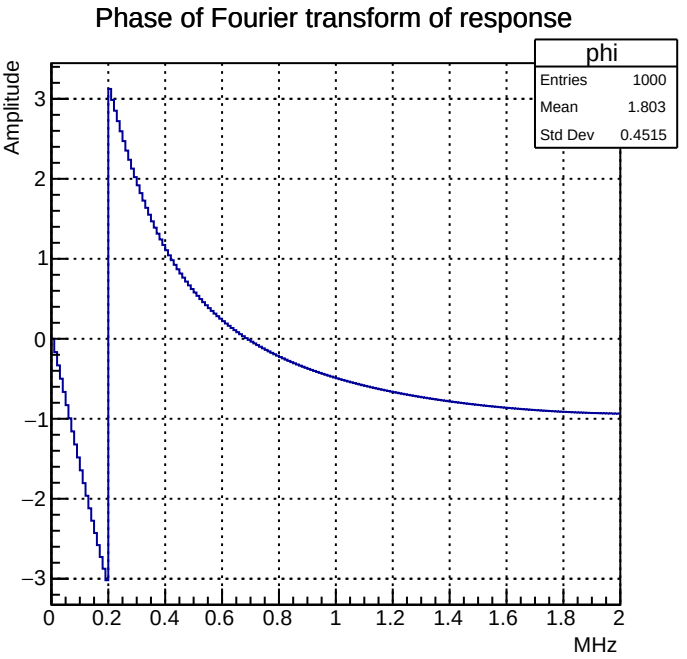

Cold Electronics Response at 1us peaking
response
Entries 1000
Mean 1.374
Std Dev 0.501
Gain (mV/fC)
Time (microsecond)

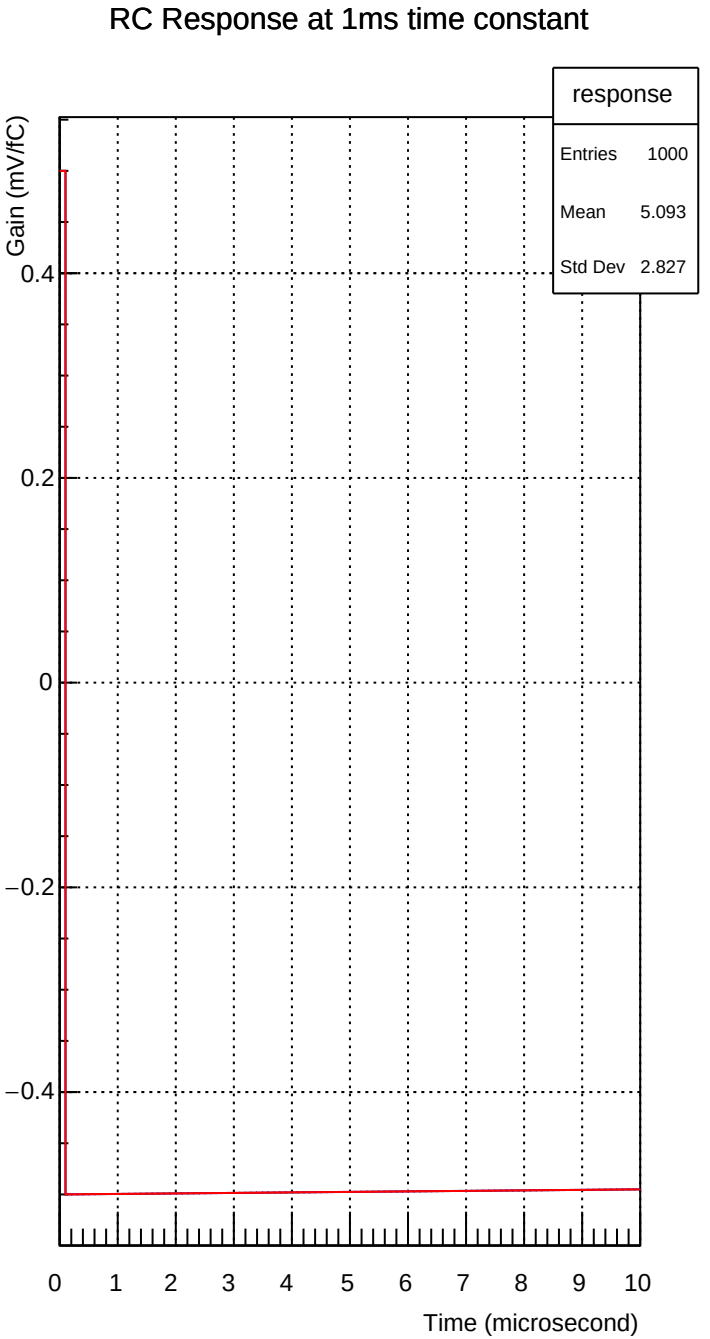

Magnitude of Fourier transform of response
mag
Entries 1000
Mean 0.2831
Std Dev 0.2411
Amplitude
-3dB
-6dB
-10dB
-20dB
MHz

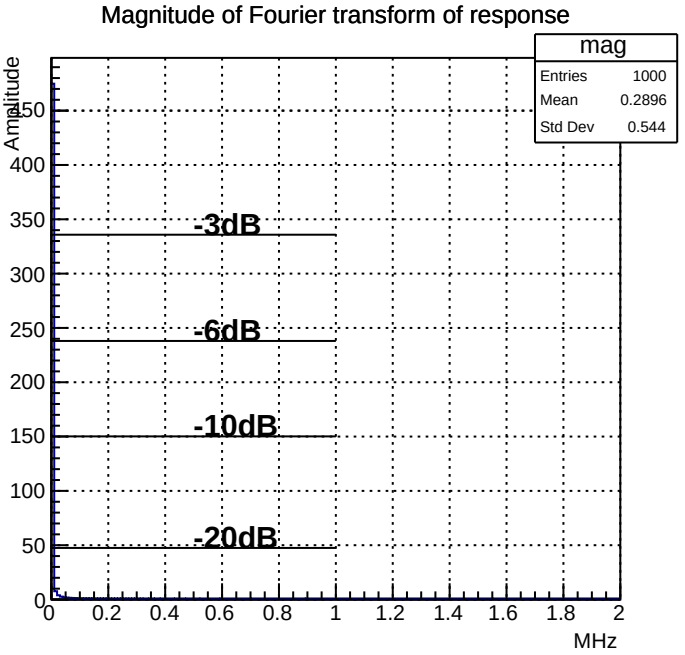

Phase of Fourier transform of response
phi
Entries 1000
Mean 0.8993
Std Dev 1.052
Amplitude
MHz

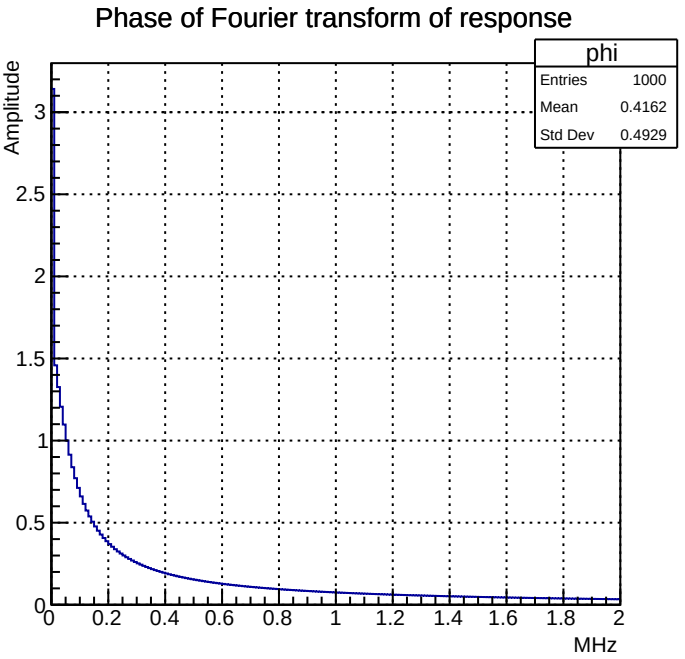

Cold Electronics Response at 2us peaking
response
Entries 1000
Mean 2.698
Std Dev 1.002
Gain (mV/fC)
Time (microsecond)

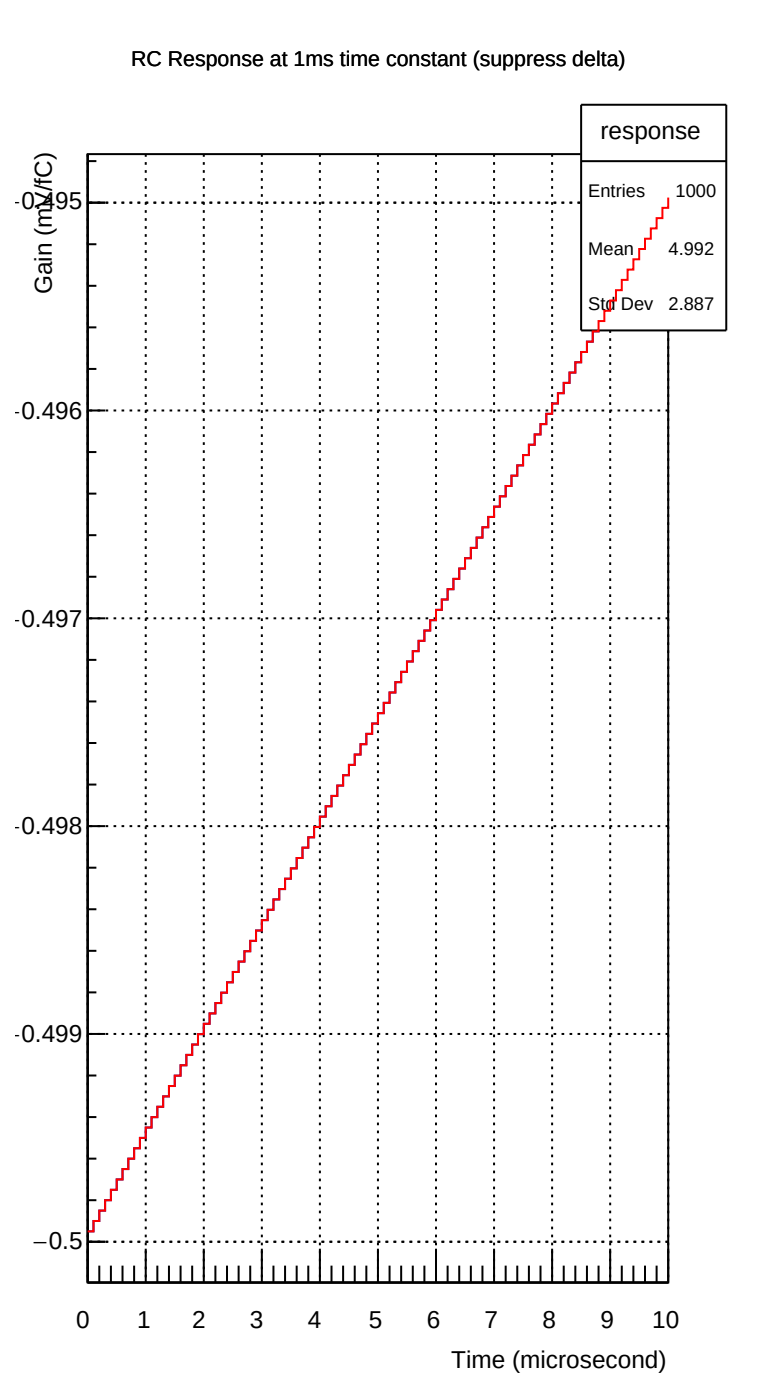

Magnitude of Fourier transform of response
mag
Entries 1000
Mean 0.1437
Std Dev 0.1267
Amplitude
-3dB
-6dB
-10dB
-20dB
MHz

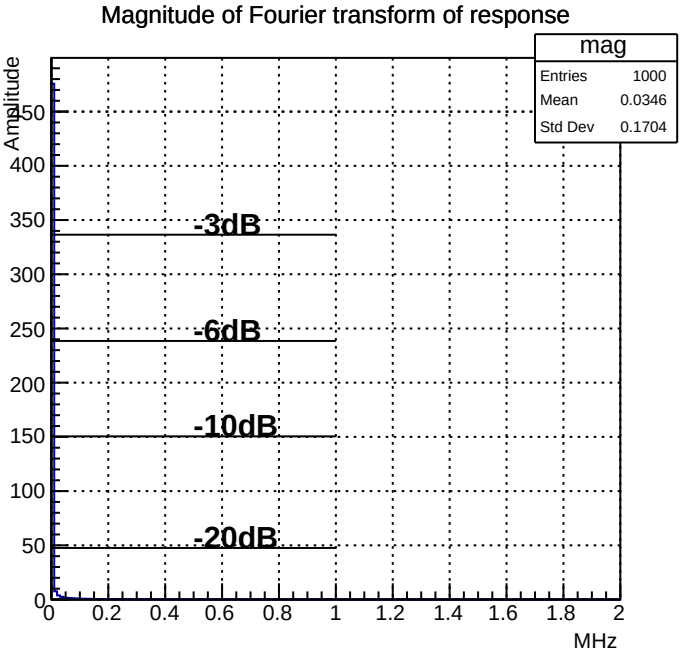

Phase of Fourier transform of response
phi
Entries 1000
Mean 1.803
Std Dev 0.4515
Amplitude
MHz

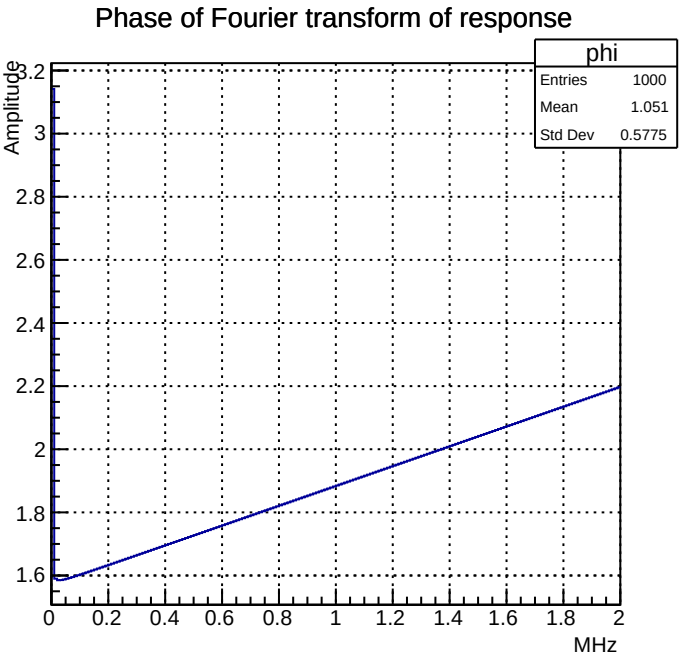

RC Response at 1ms time constant
response
Entries 1000
Mean 5.093
Std Dev 2.827
Gain (mV/fC)
0.4
0.2
0
−0.2
−0.4
0 1 2 3 4 5 6 7 8 9 10
Time (microsecond)


Magnitude of Fourier transform of response
mag
Entries 1000
Mean 0.2896
Std Dev 0.544
Amplitude
-3dB
-6dB
-10dB
-20dB
0 50 100 150 200 250 300 350 400 450
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2
MHz


Phase of Fourier transform of response
phi
Entries 1000
Mean 0.4162
Std Dev 0.4929
Amplitude
0 0.5 1 1.5 2 2.5 3
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2
MHz


RC Response at 1ms time constant (suppress delta)
response
Entries 1000
Mean 4.992
Std Dev 2.887
Gain (mV/fC)
-0.495
-0.496
-0.497
-0.498
-0.499
−0.5
0 1 2 3 4 5 6 7 8 9 10
Time (microsecond)


Magnitude of Fourier transform of response
mag
Entries 1000
Mean 0.0346
Std Dev 0.1704
Amplitude
-3dB
-6dB
-10dB
-20dB
0 50 100 150 200 250 300 350 400 450
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2
MHz


Phase of Fourier transform of response
phi
Entries 1000
Mean 1.051
Std Dev 0.5775
Amplitude
1.6 1.8 2 2.2 2.4 2.6 2.8 3 3.2
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2
MHz