

2014 Broadcasters

Clinic

Filters

Part 2

Antenna Maintenance

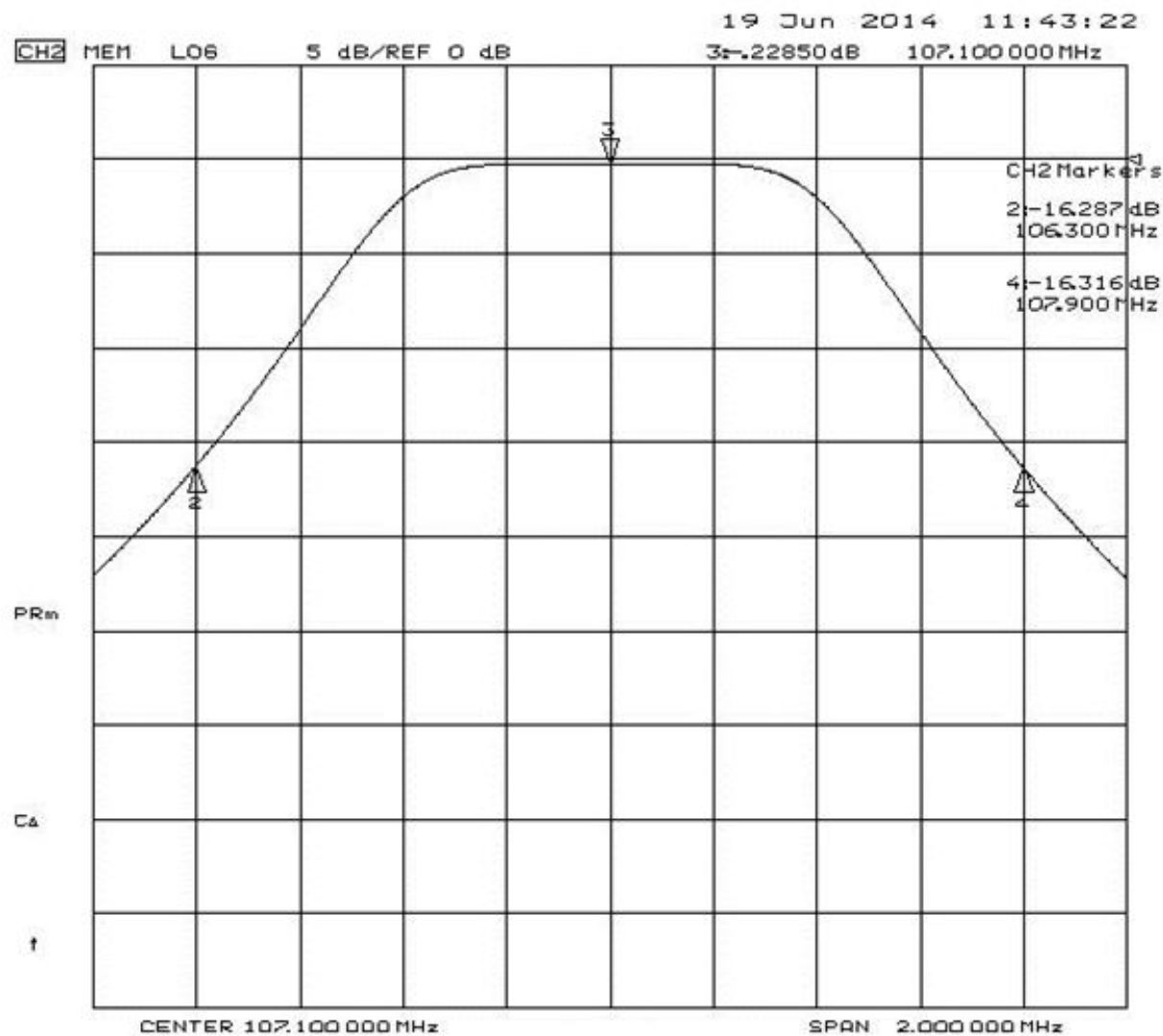
Bob Surette

Director of Sales Engineering

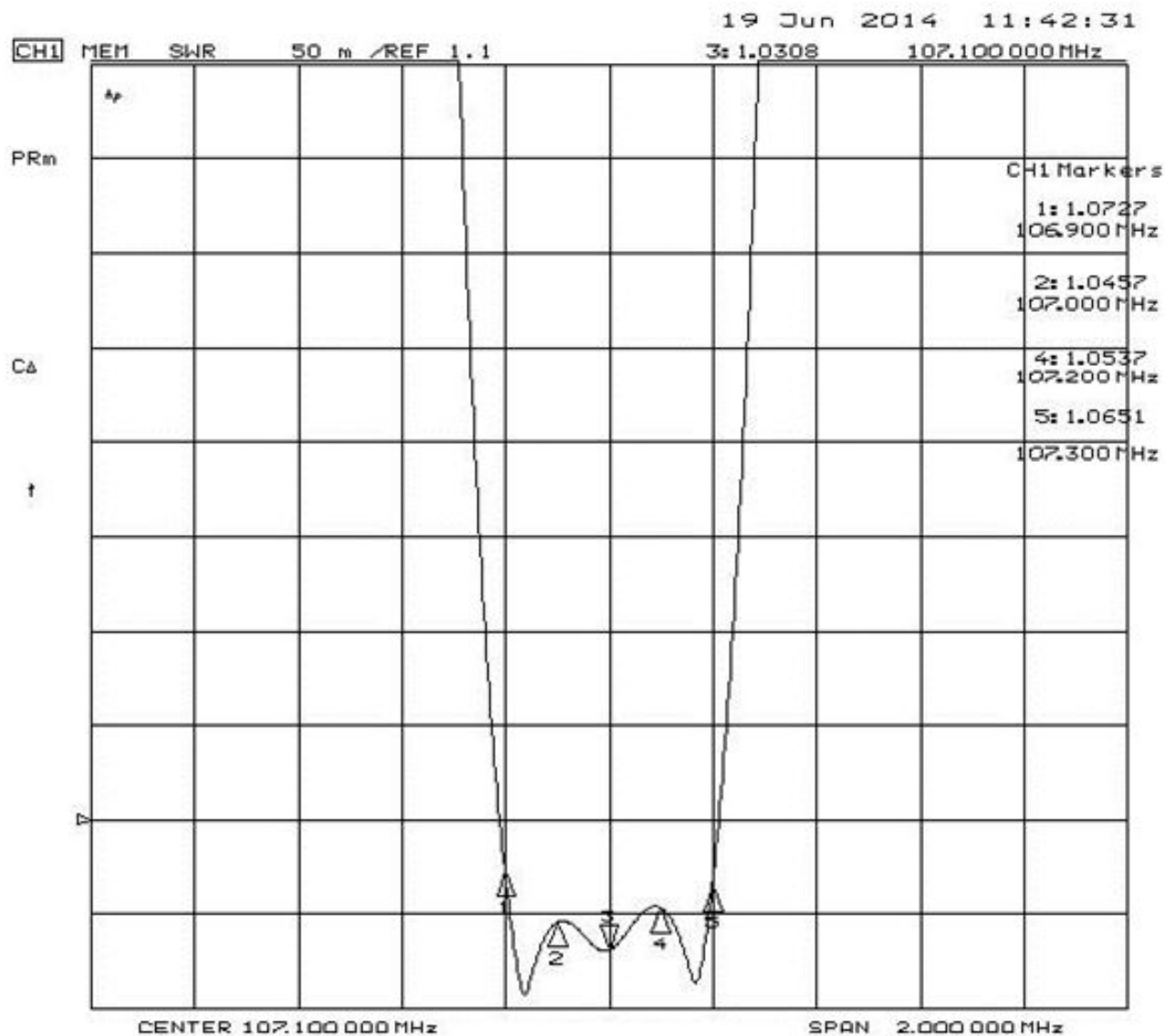
Tuesday October 21, 2014

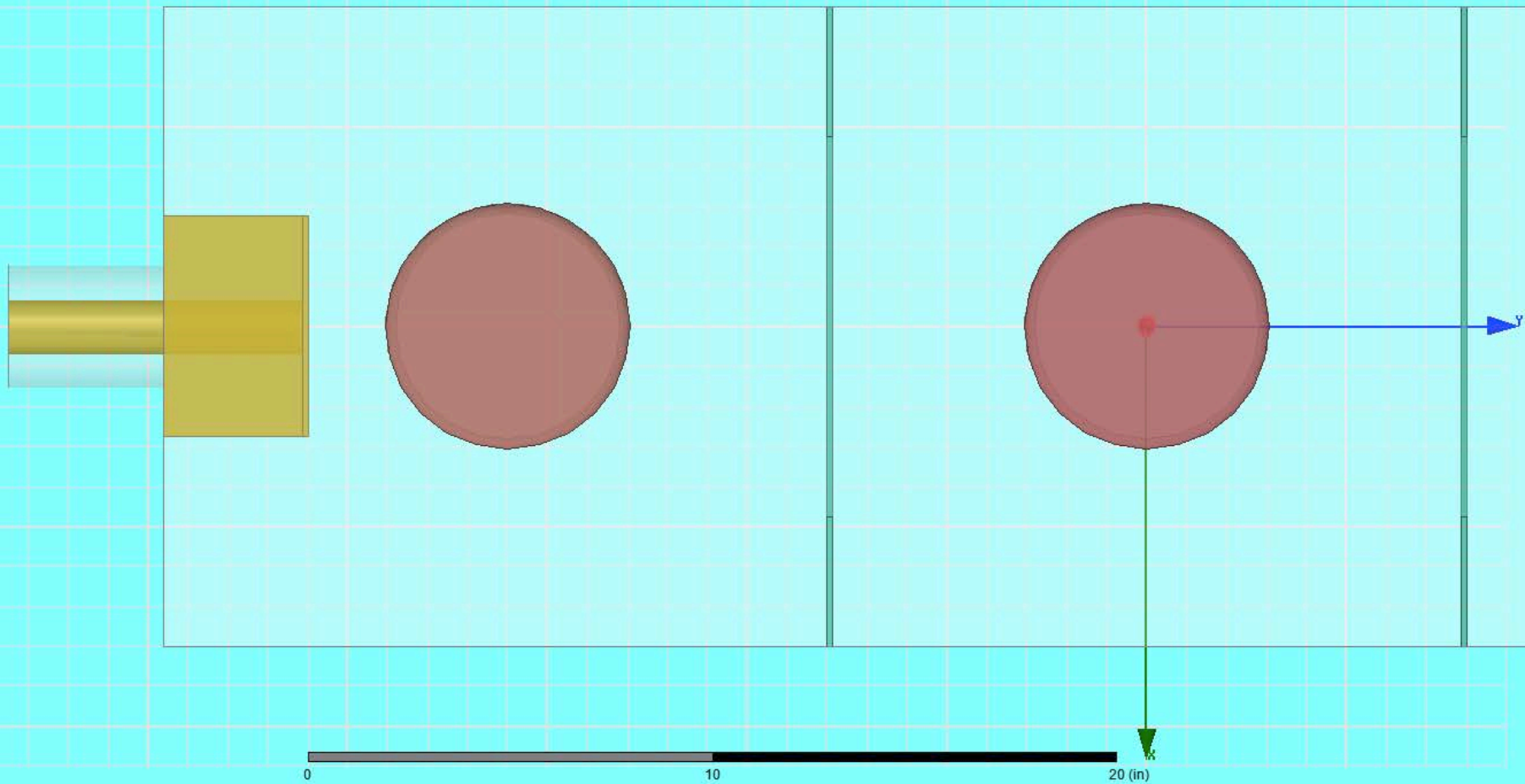


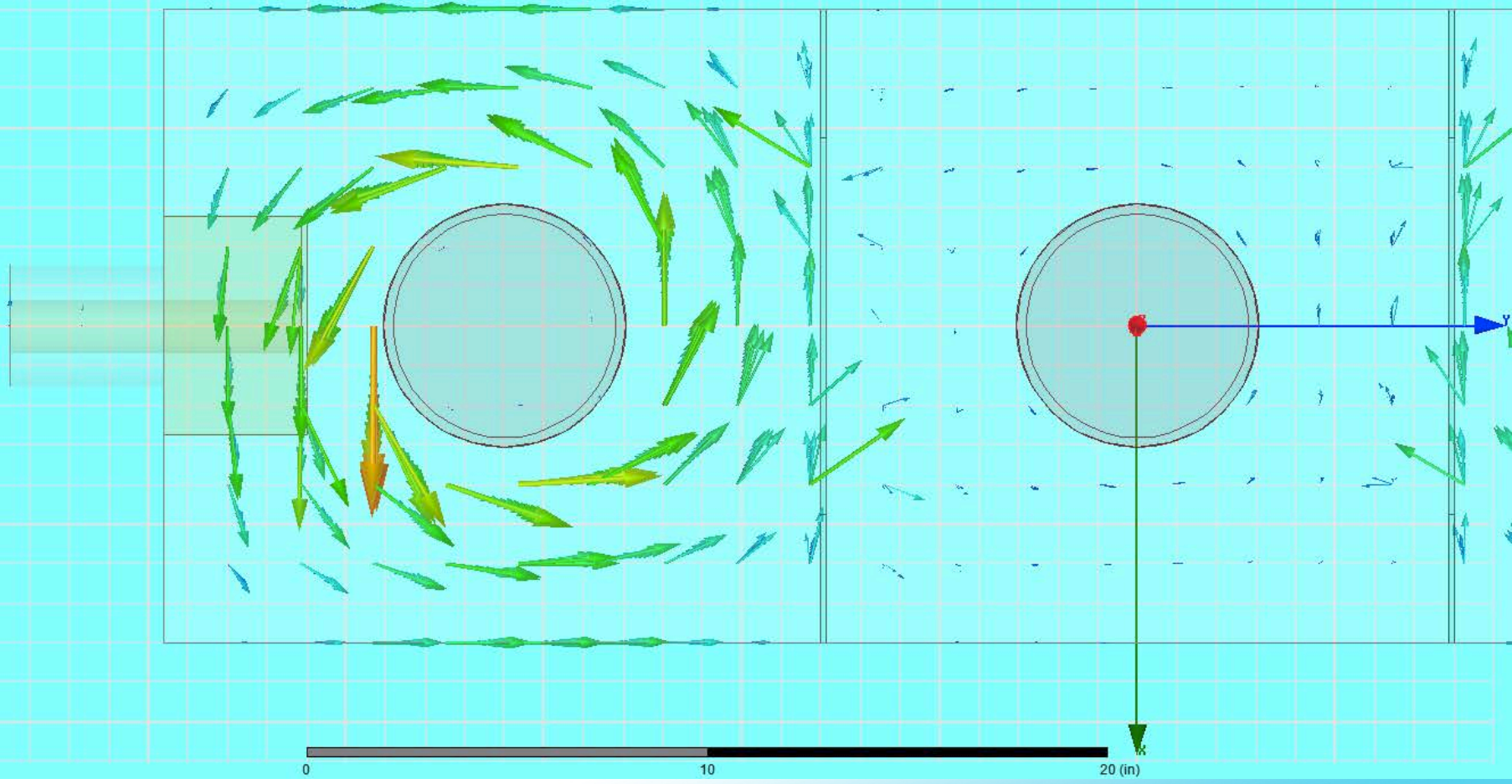
2524-3B-3-3
24" Bandpass Filter
With Blowers
Insertion loss/Isolation

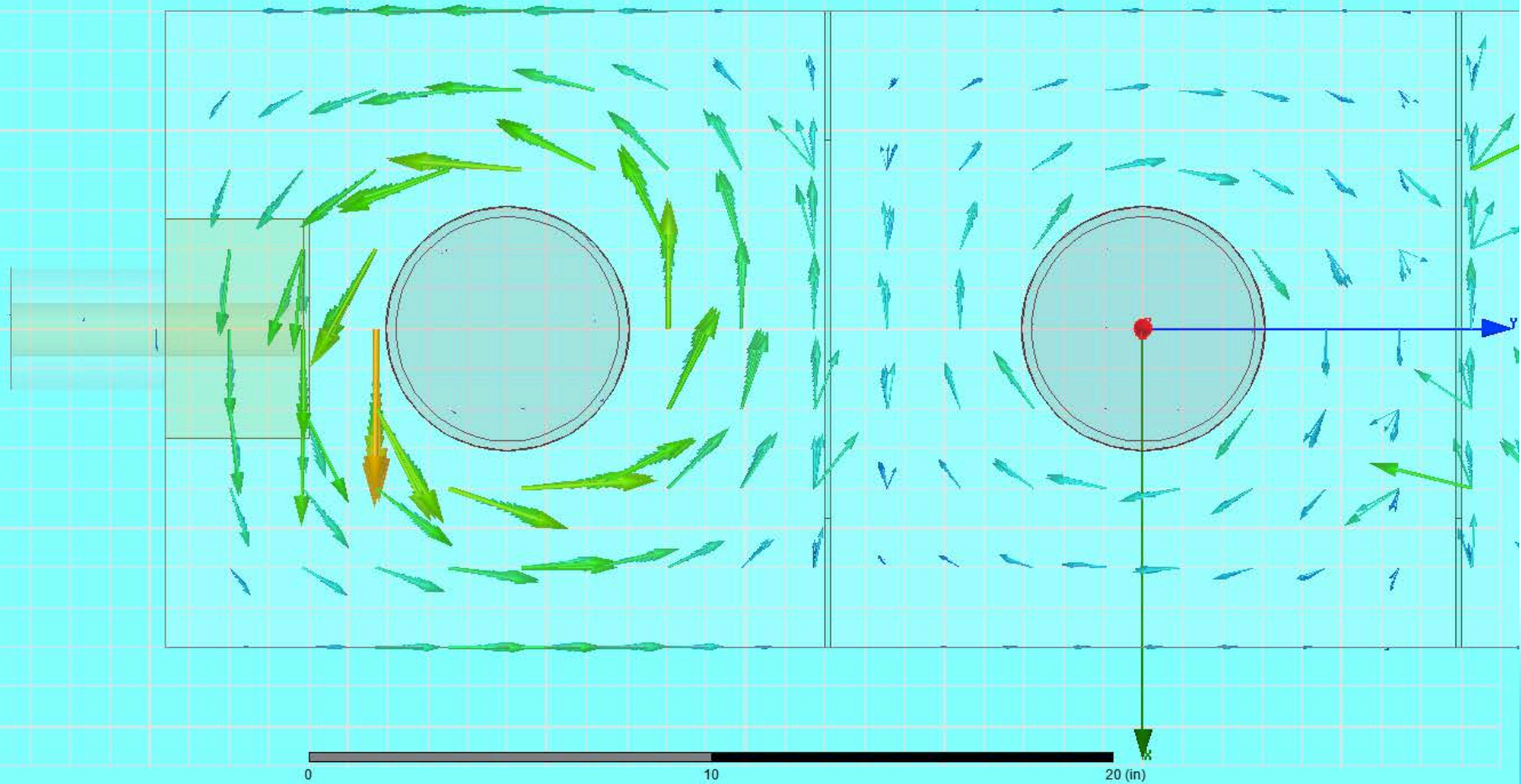


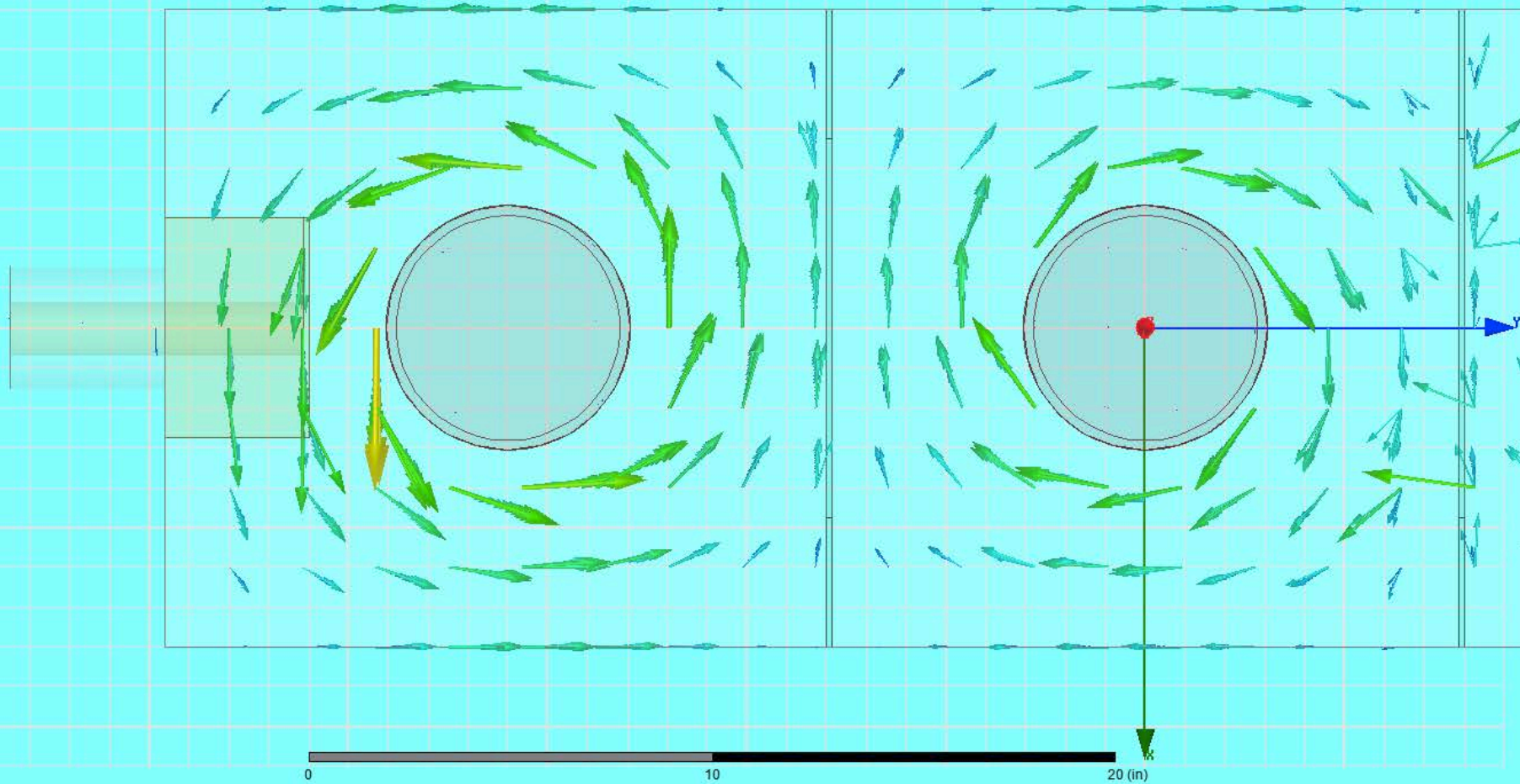
24" Bandpass Filter With Blowers VSWR

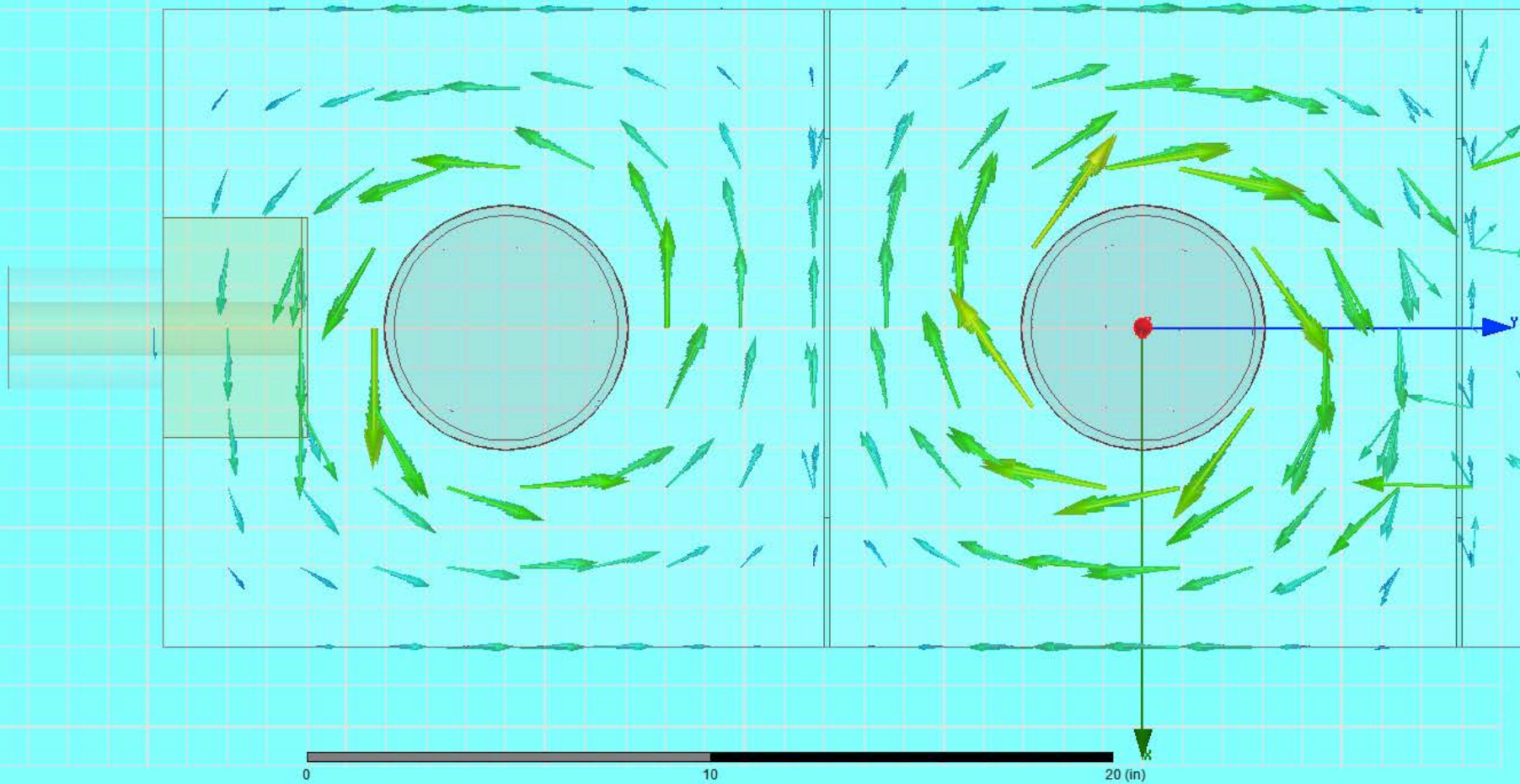


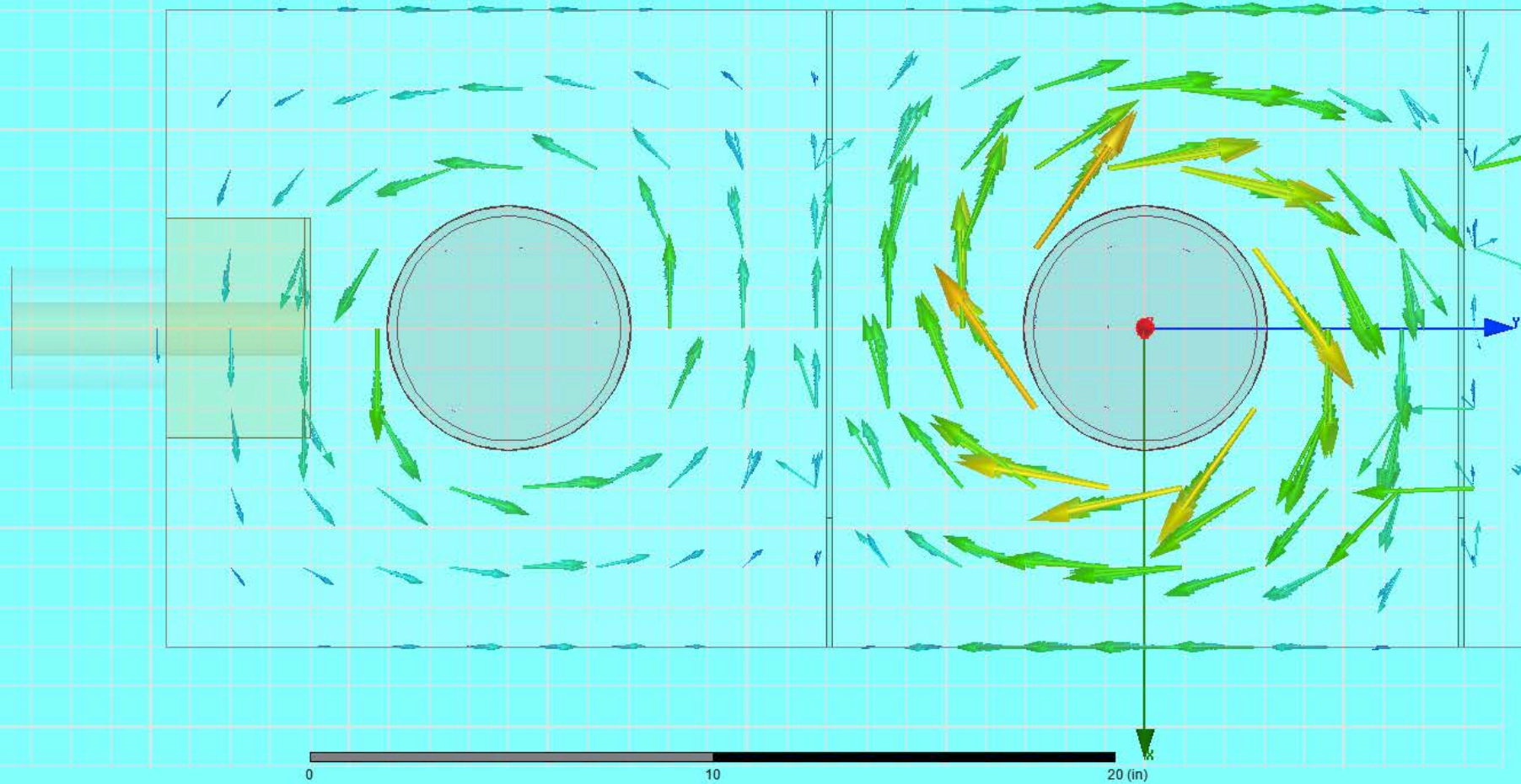


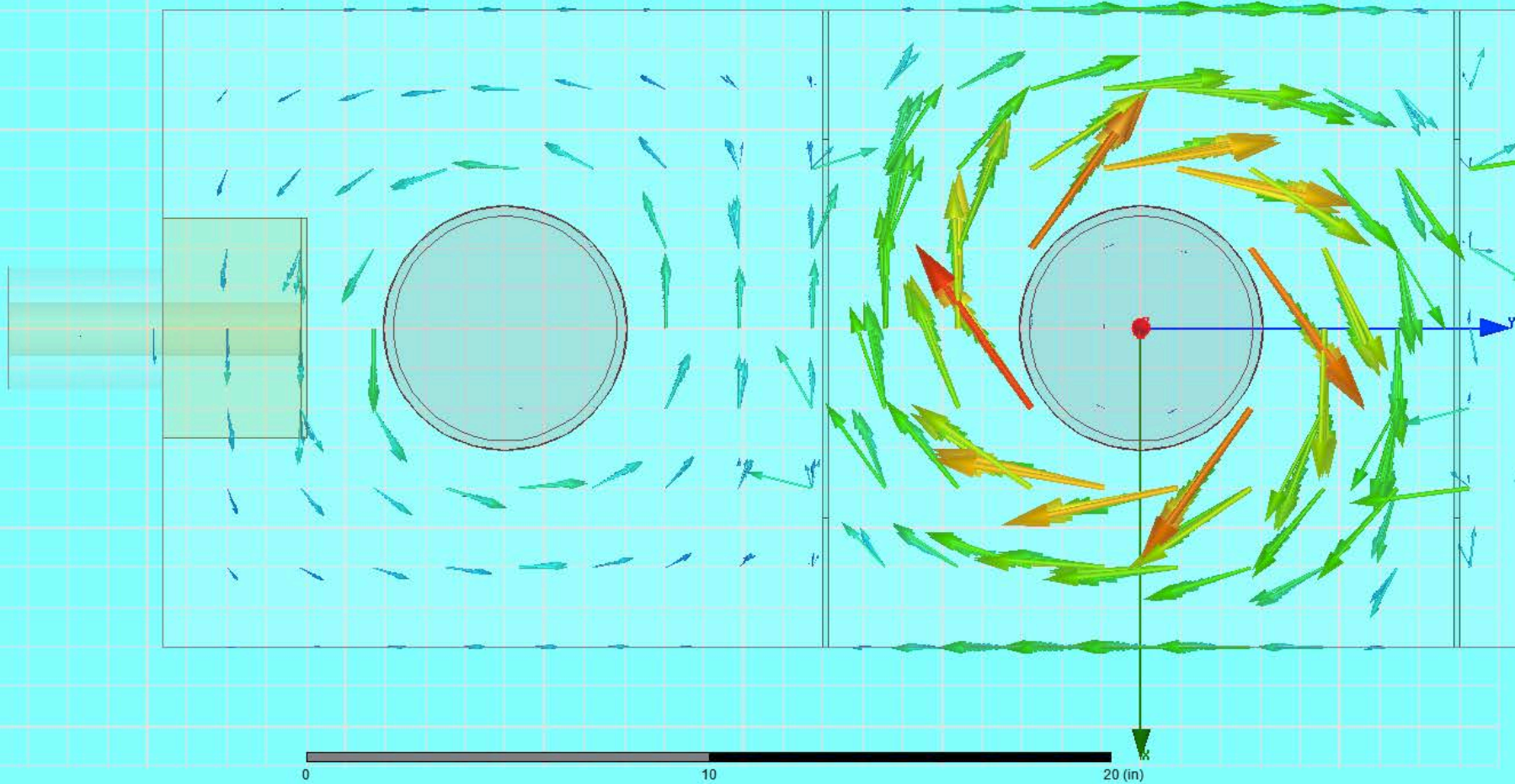


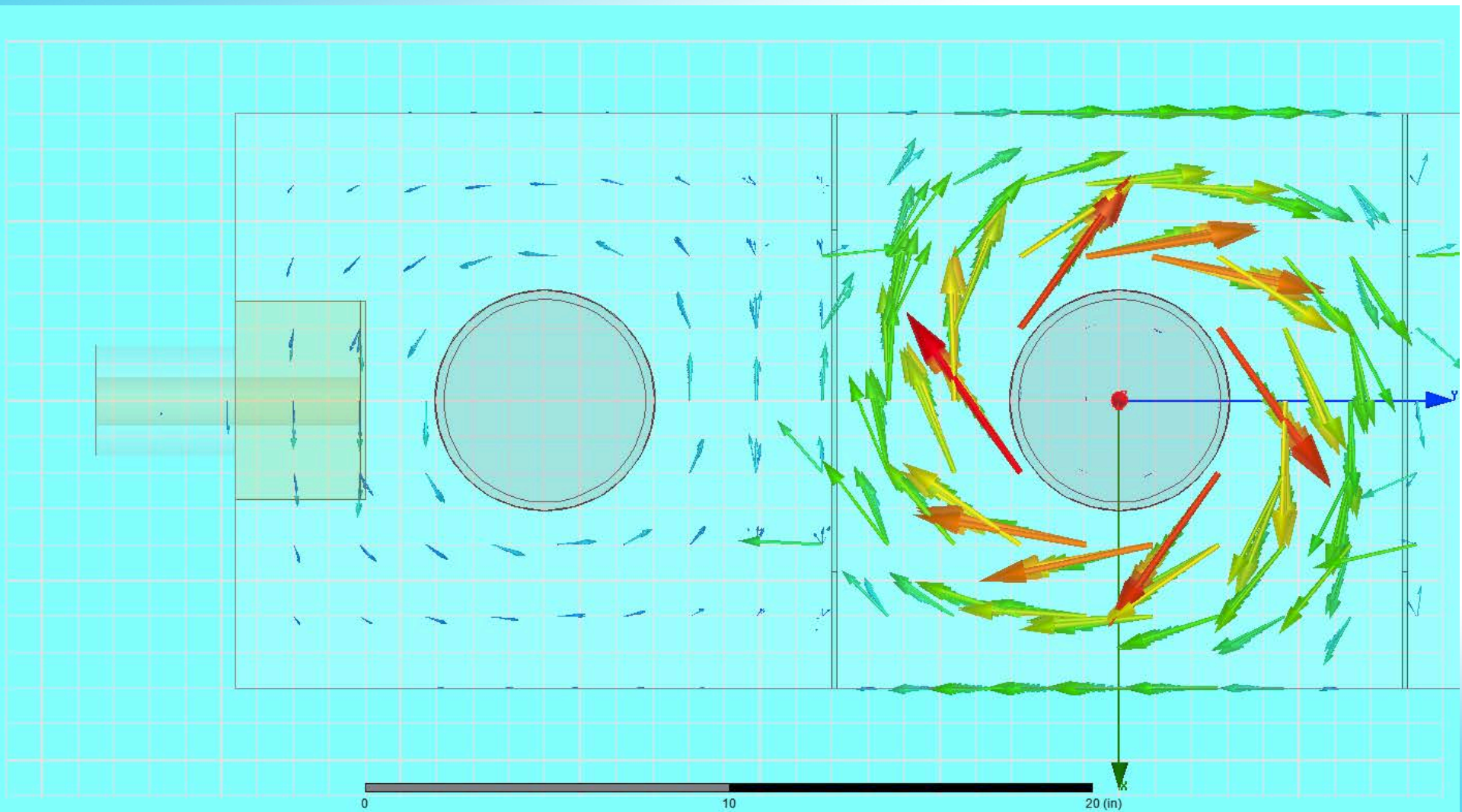


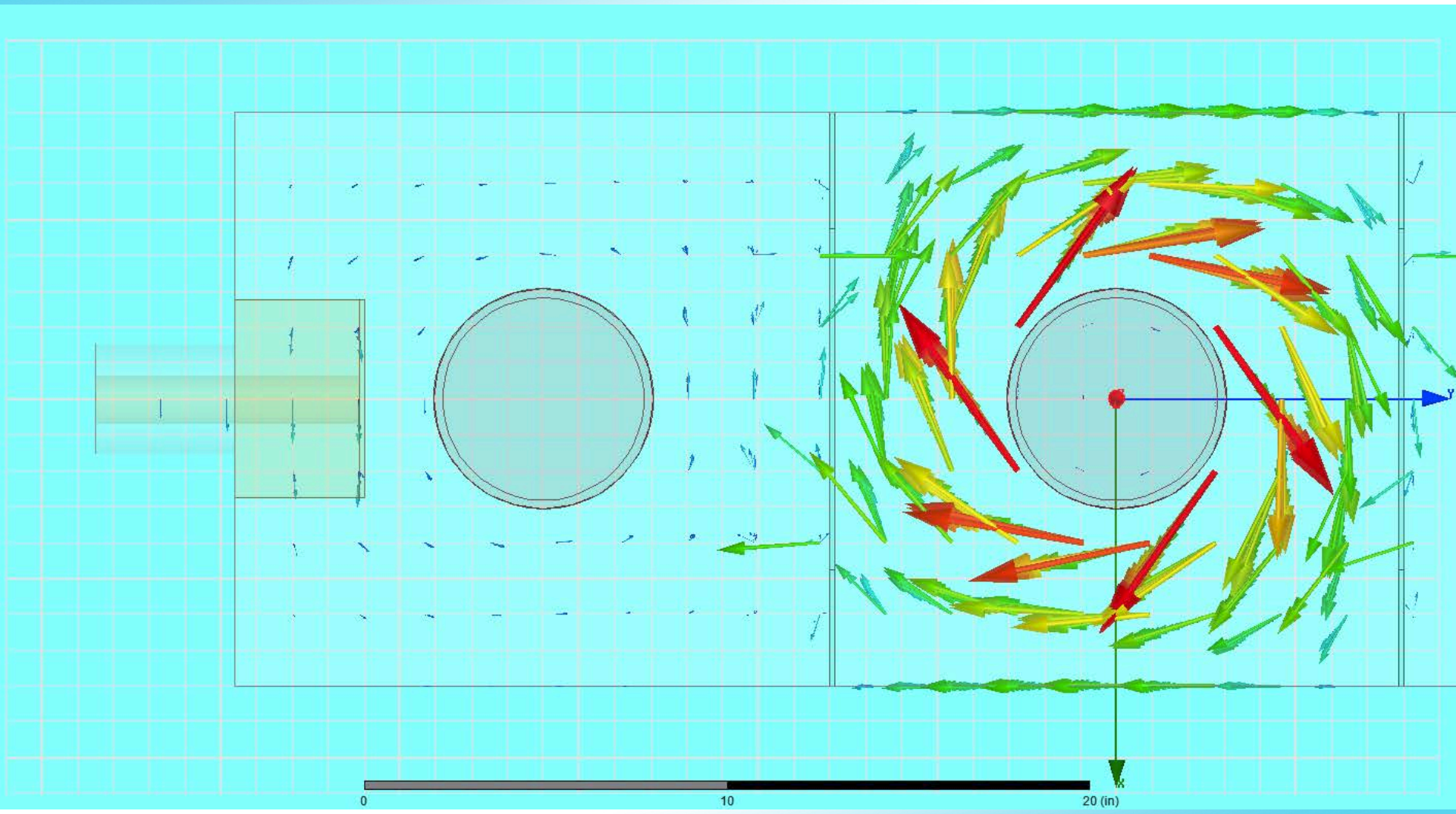


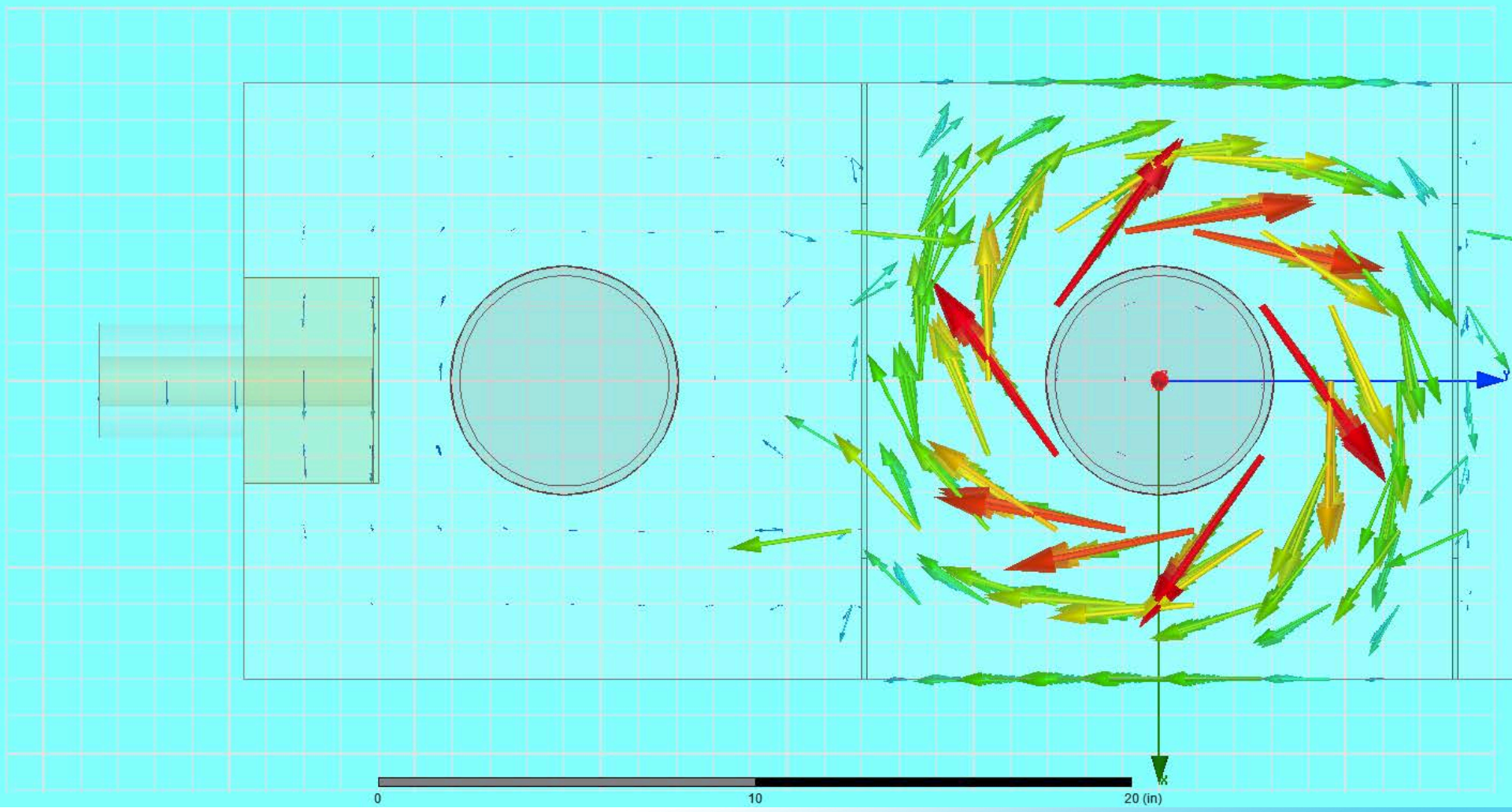


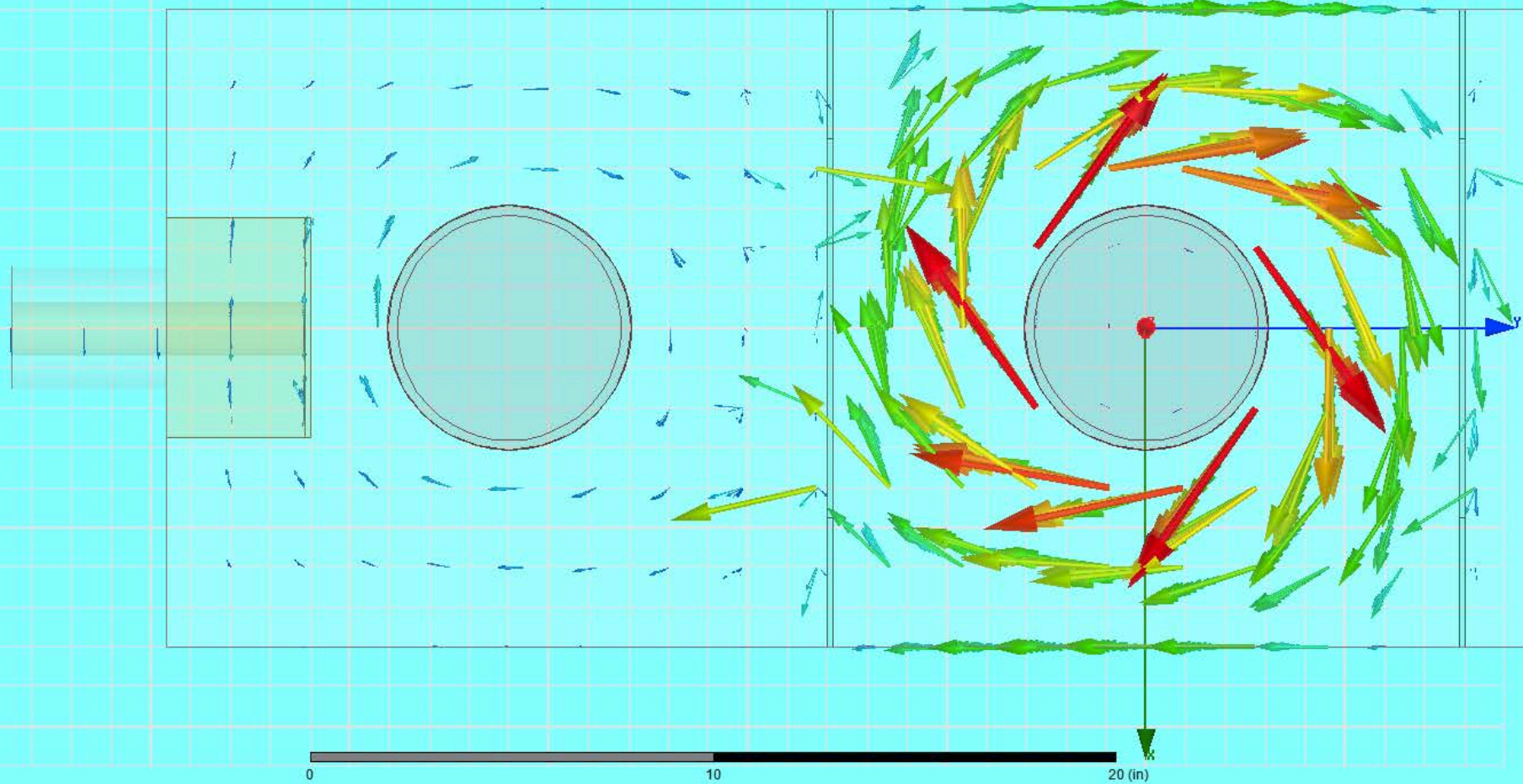


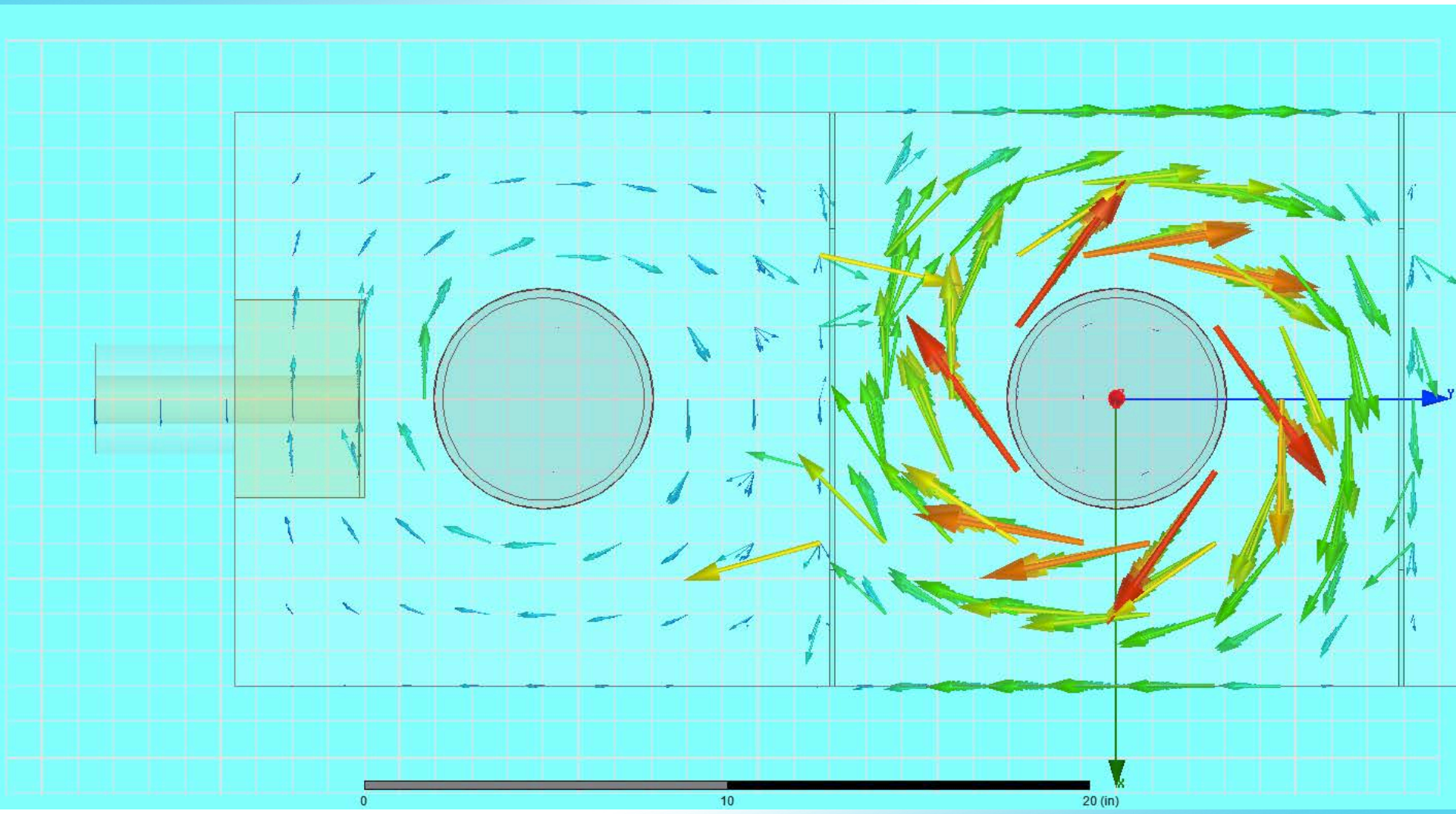


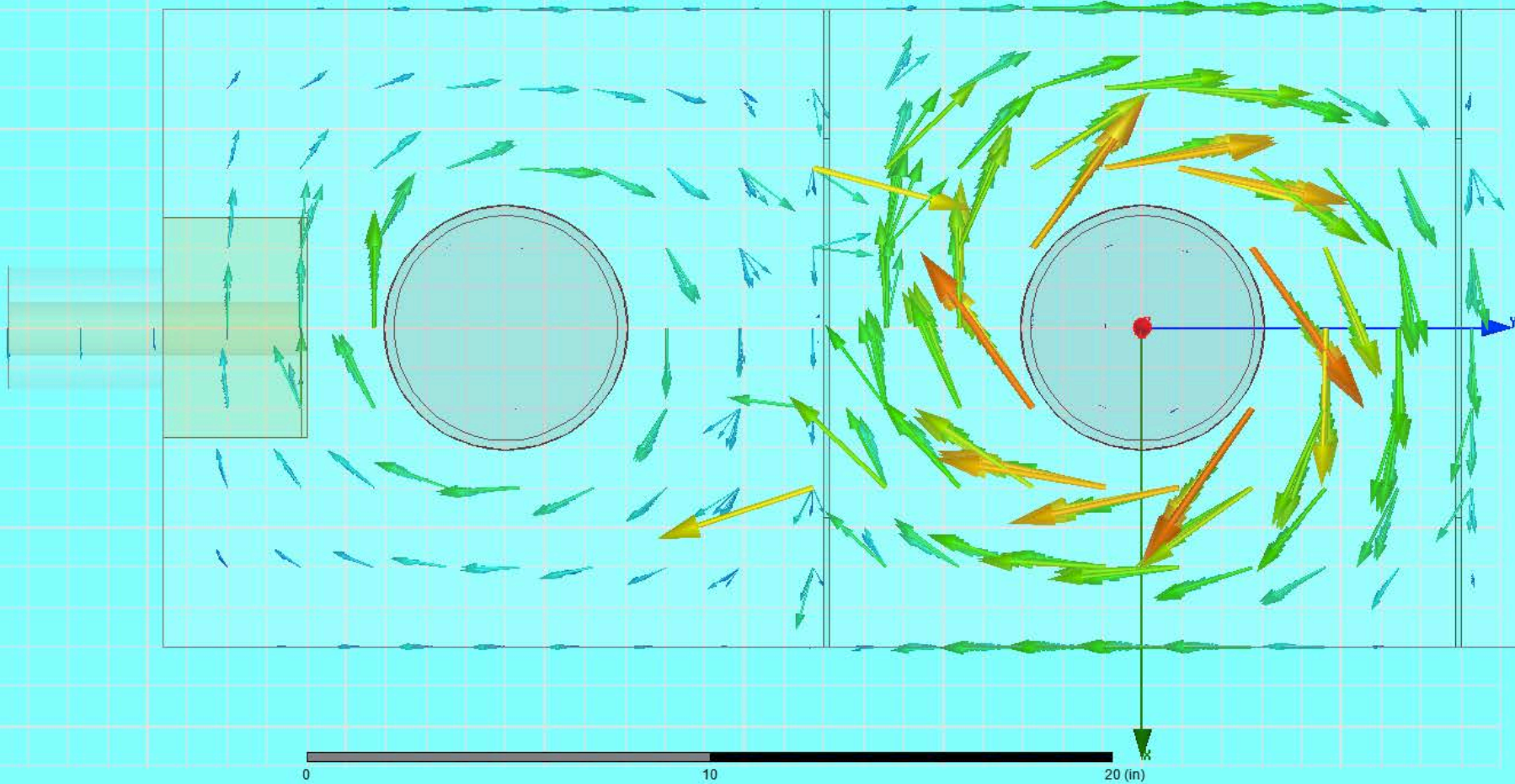


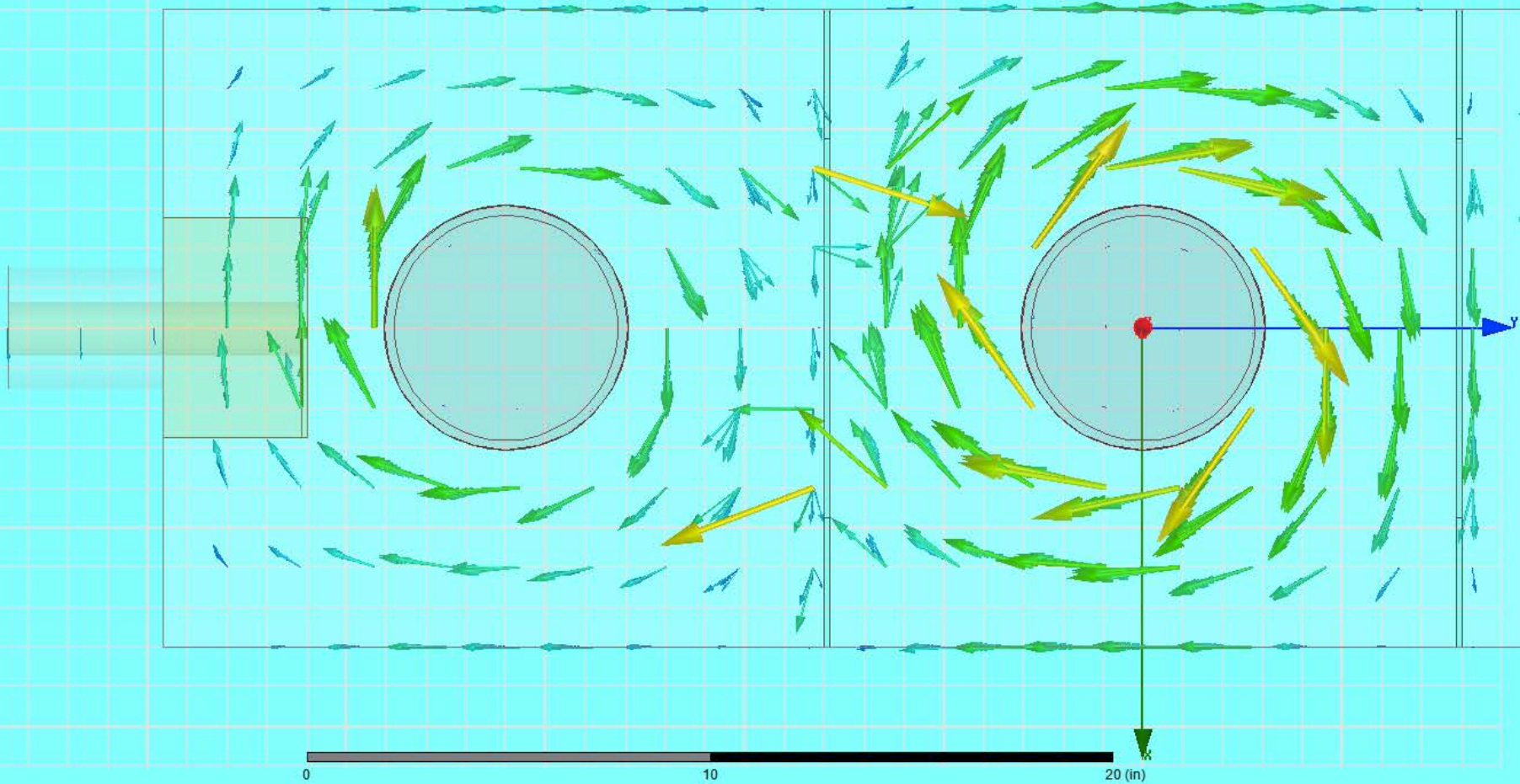


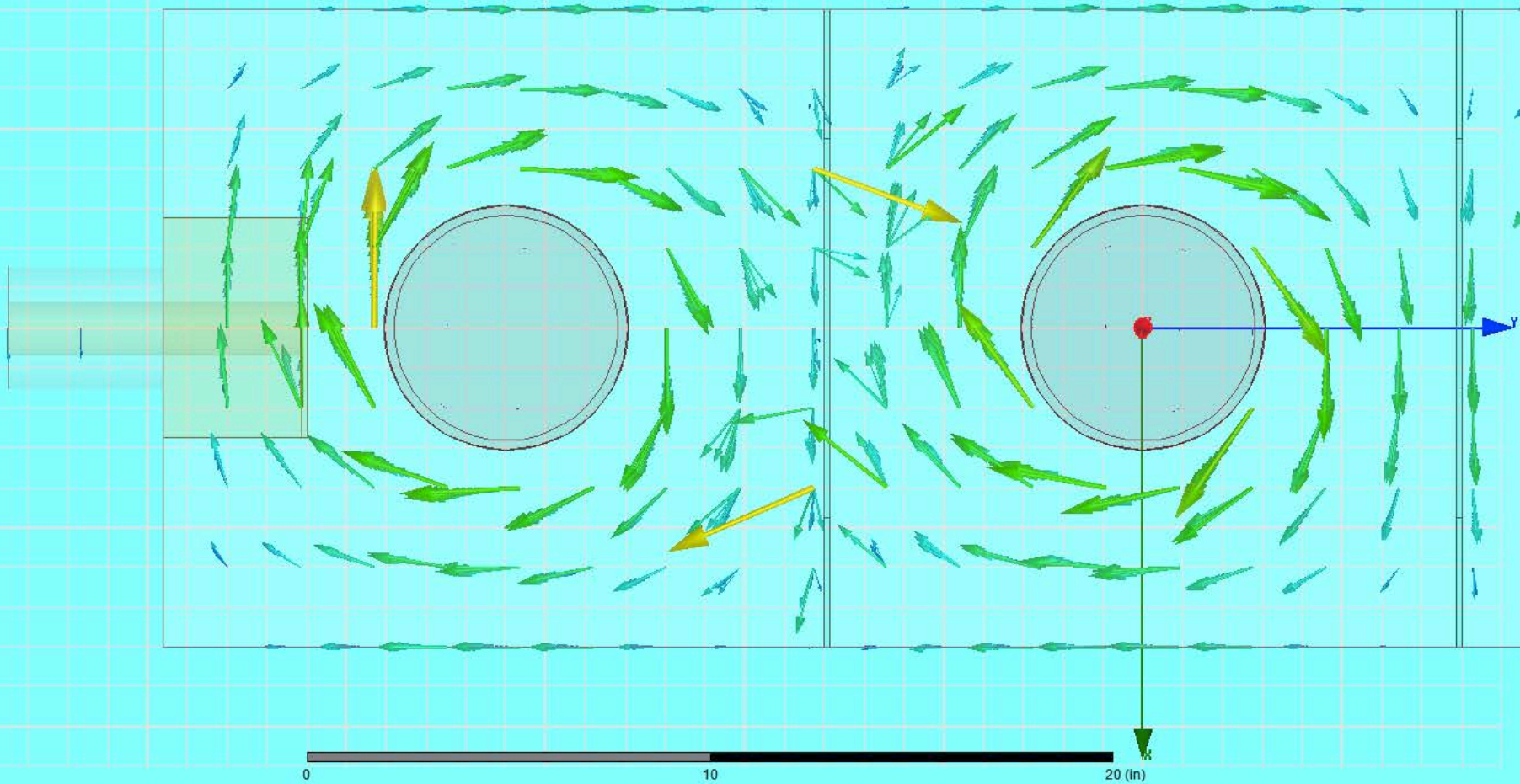


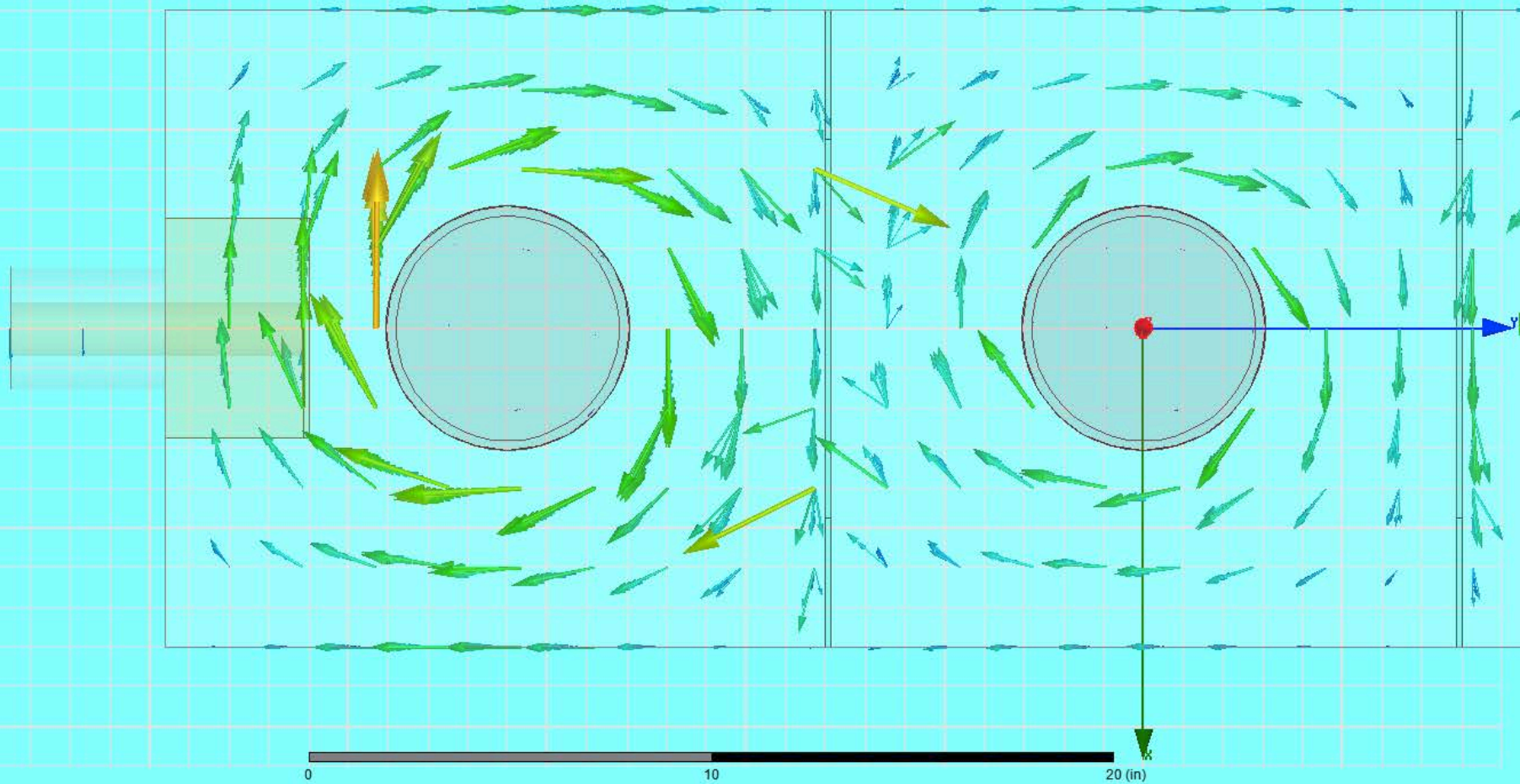


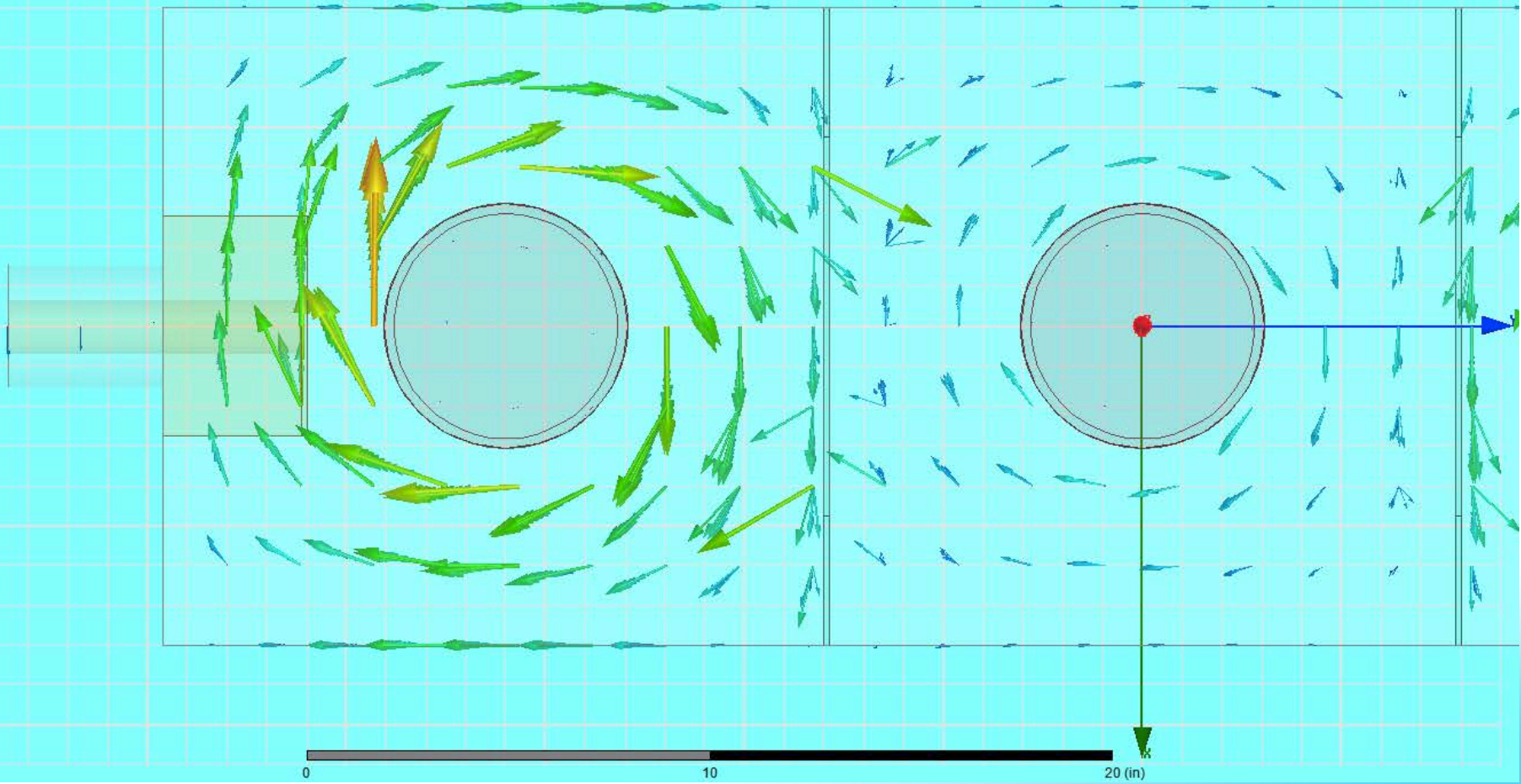


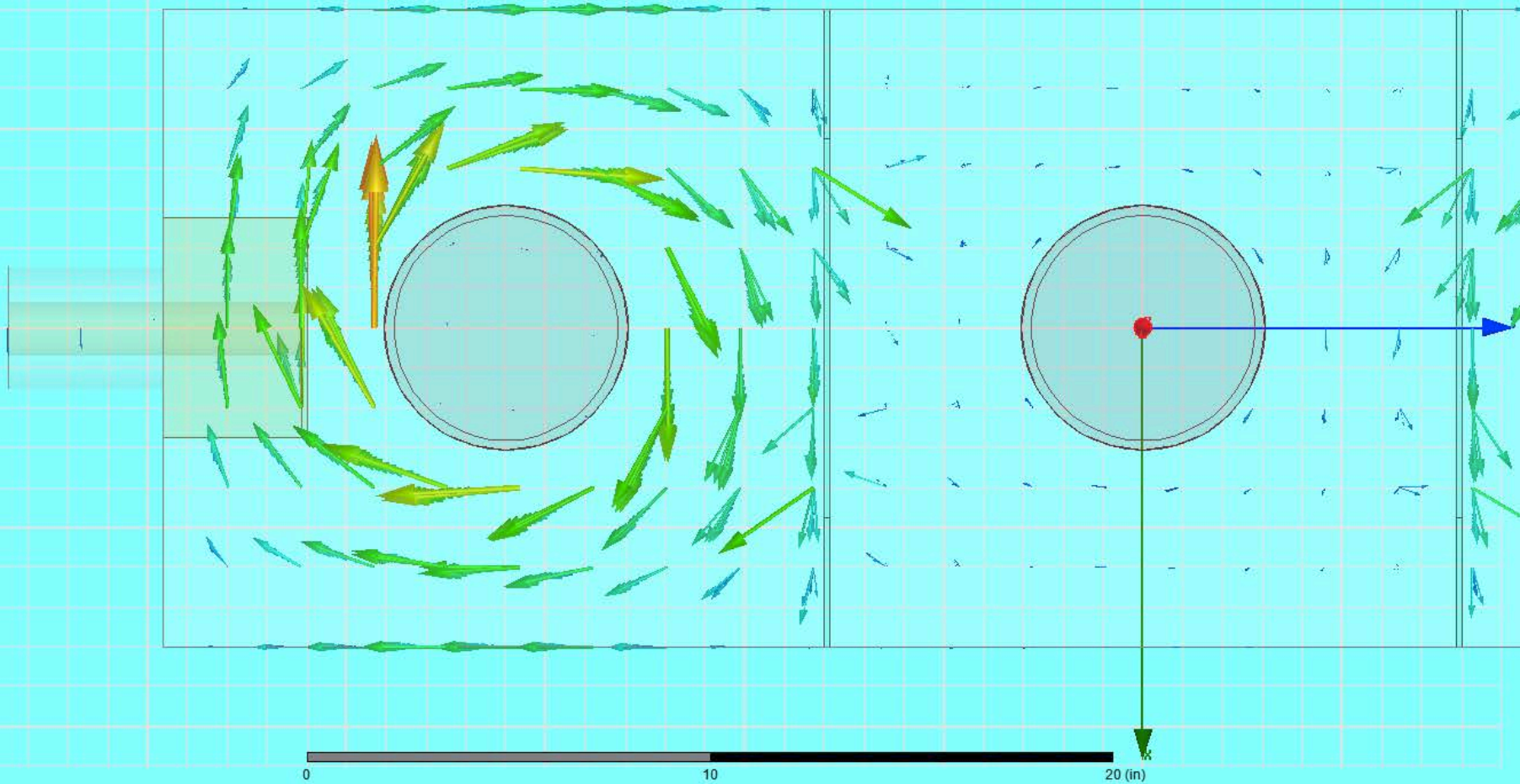


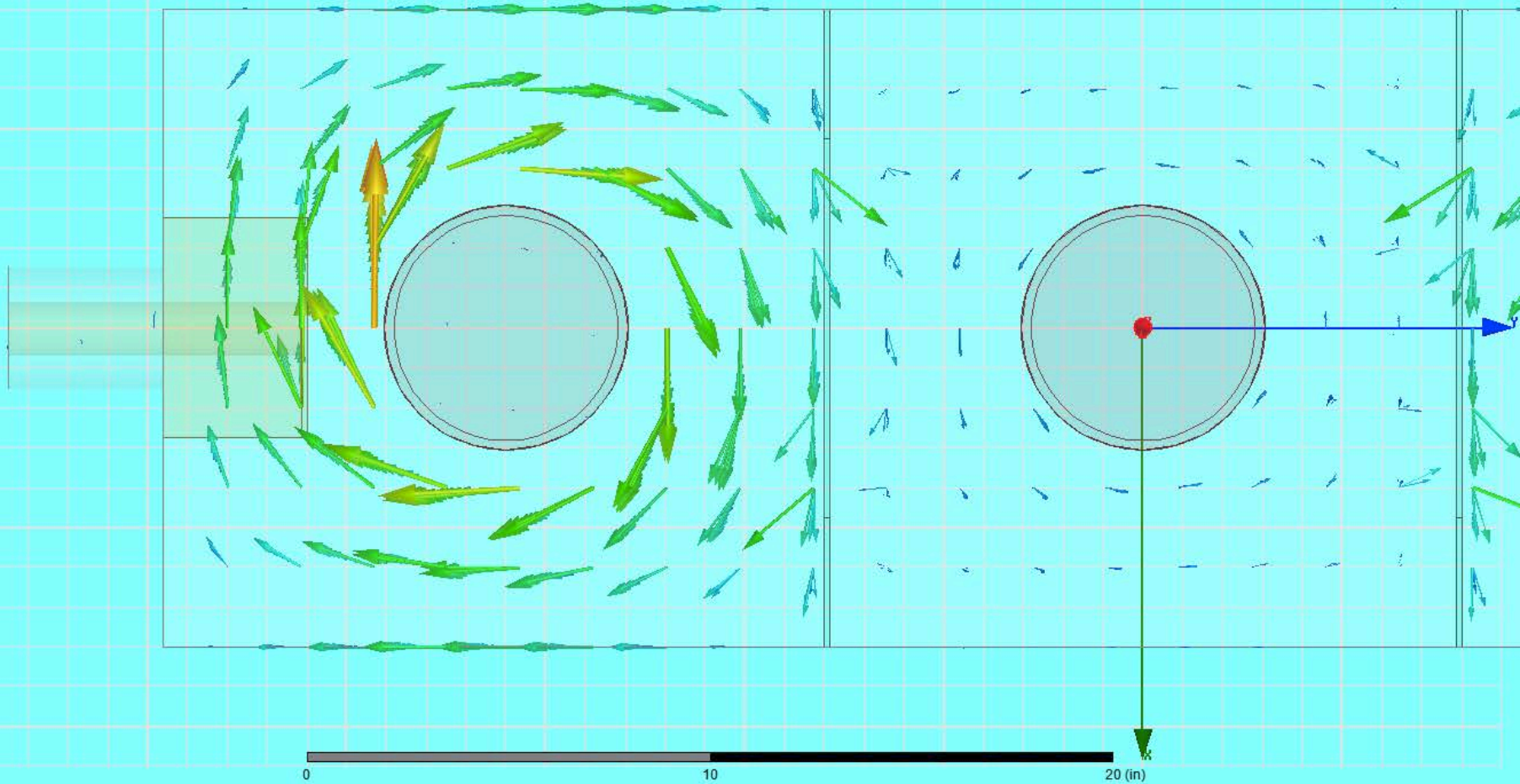


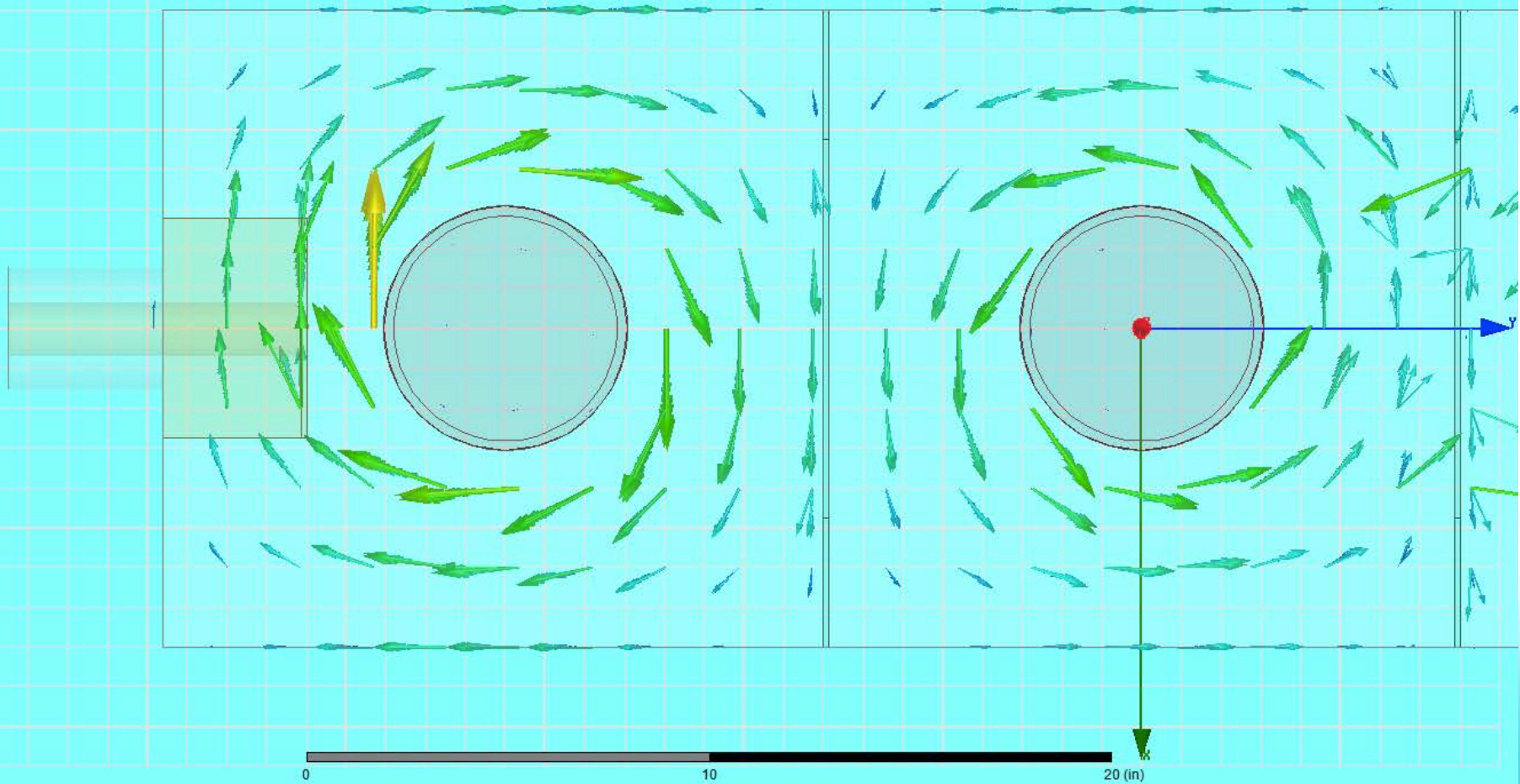


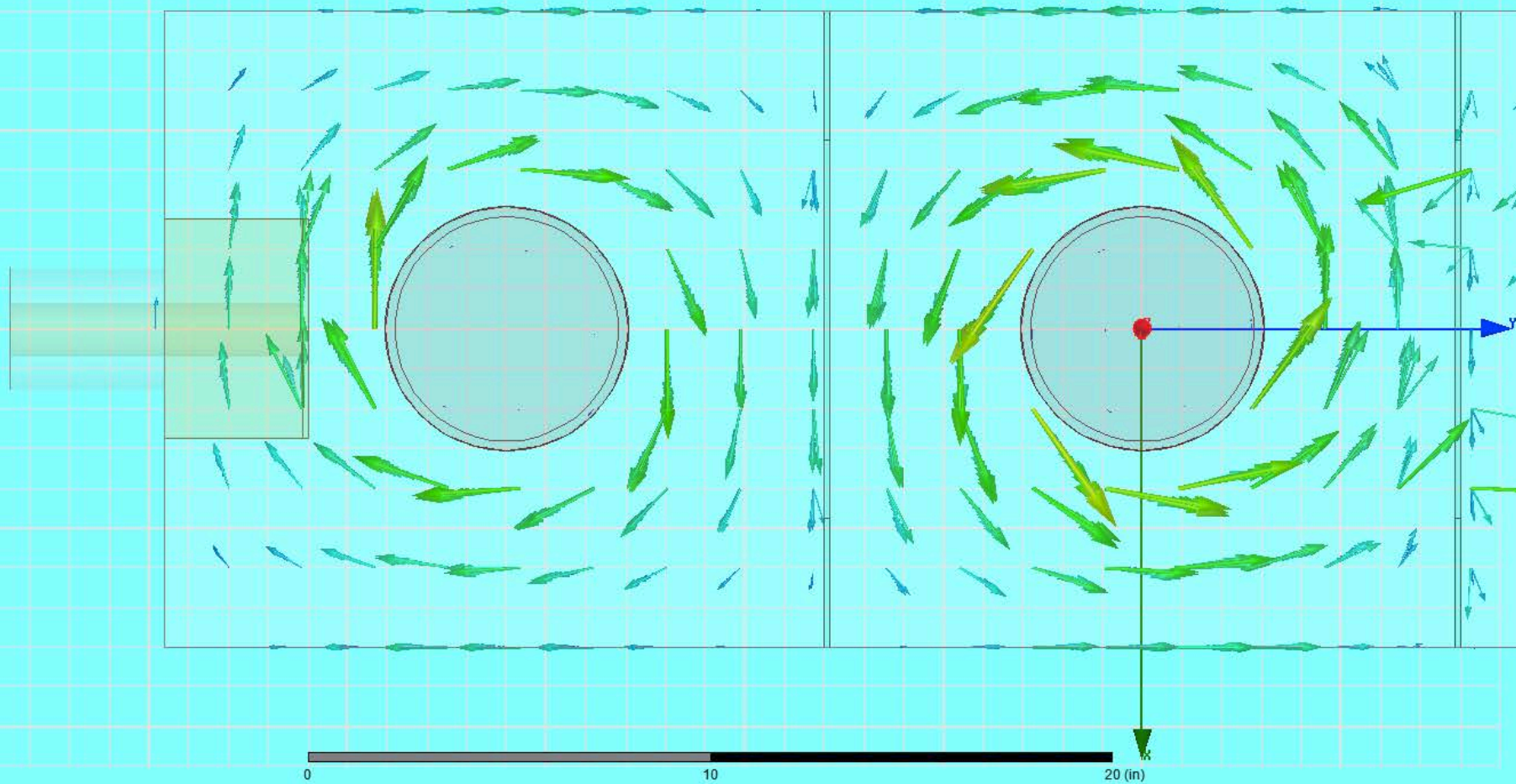


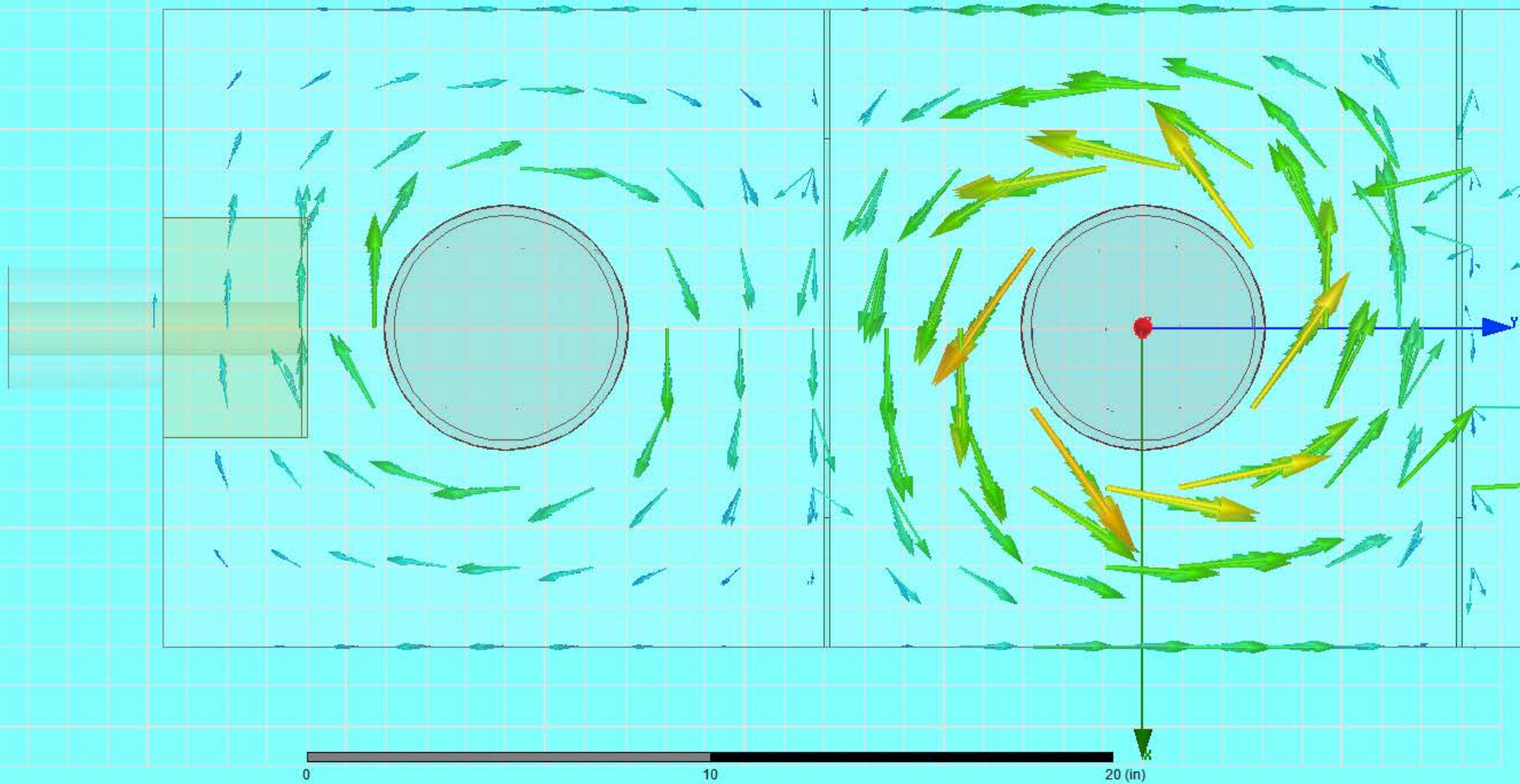


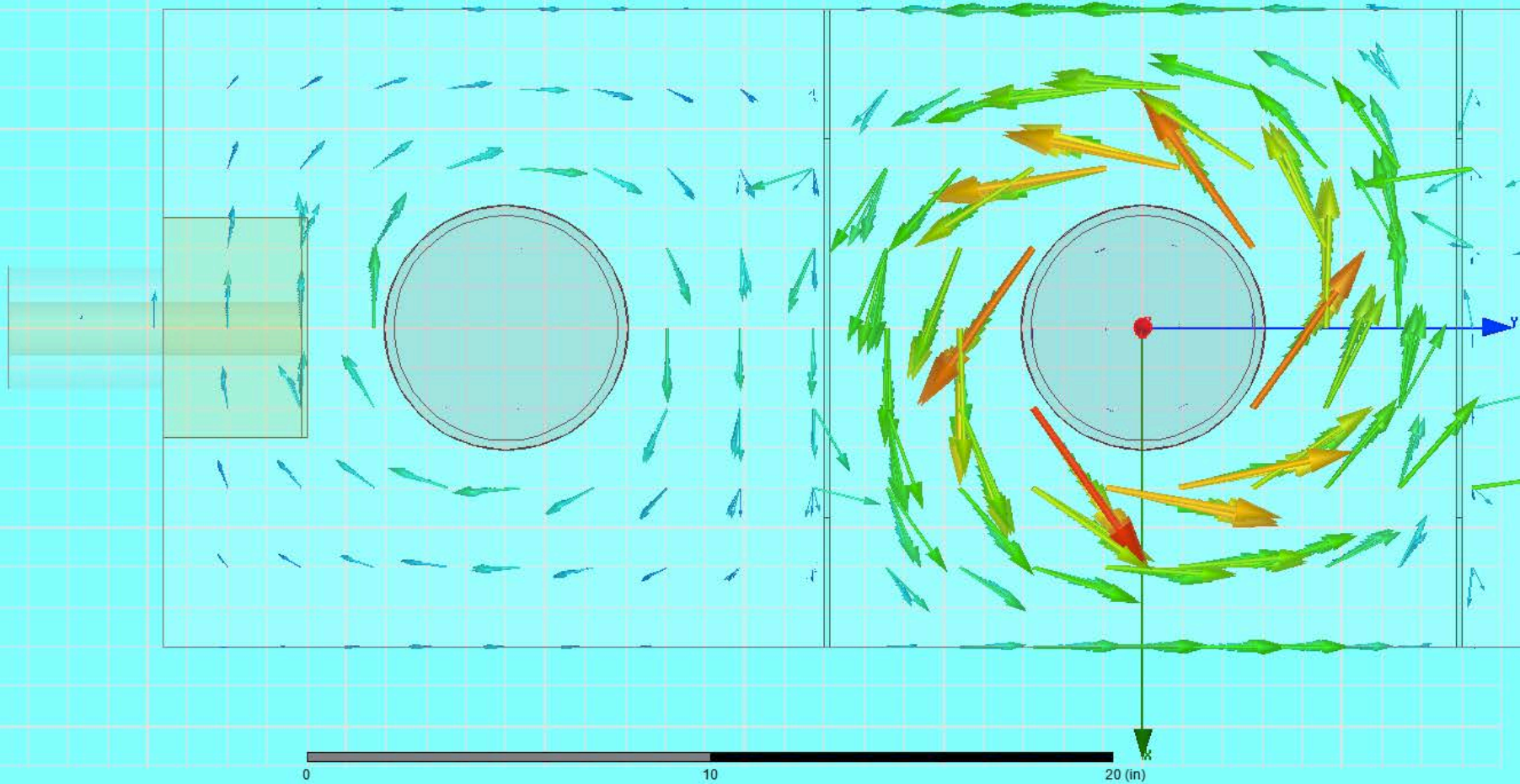


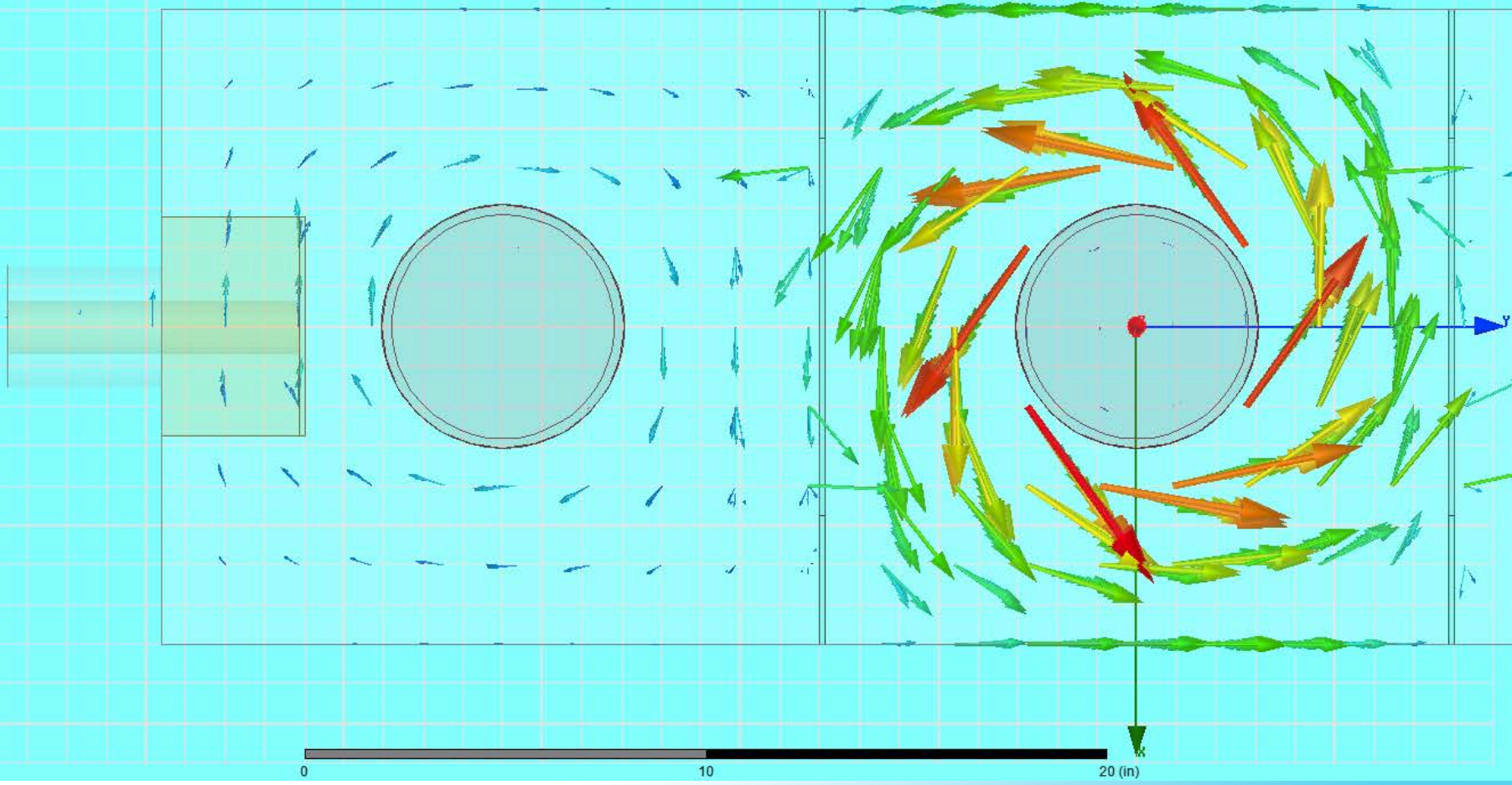


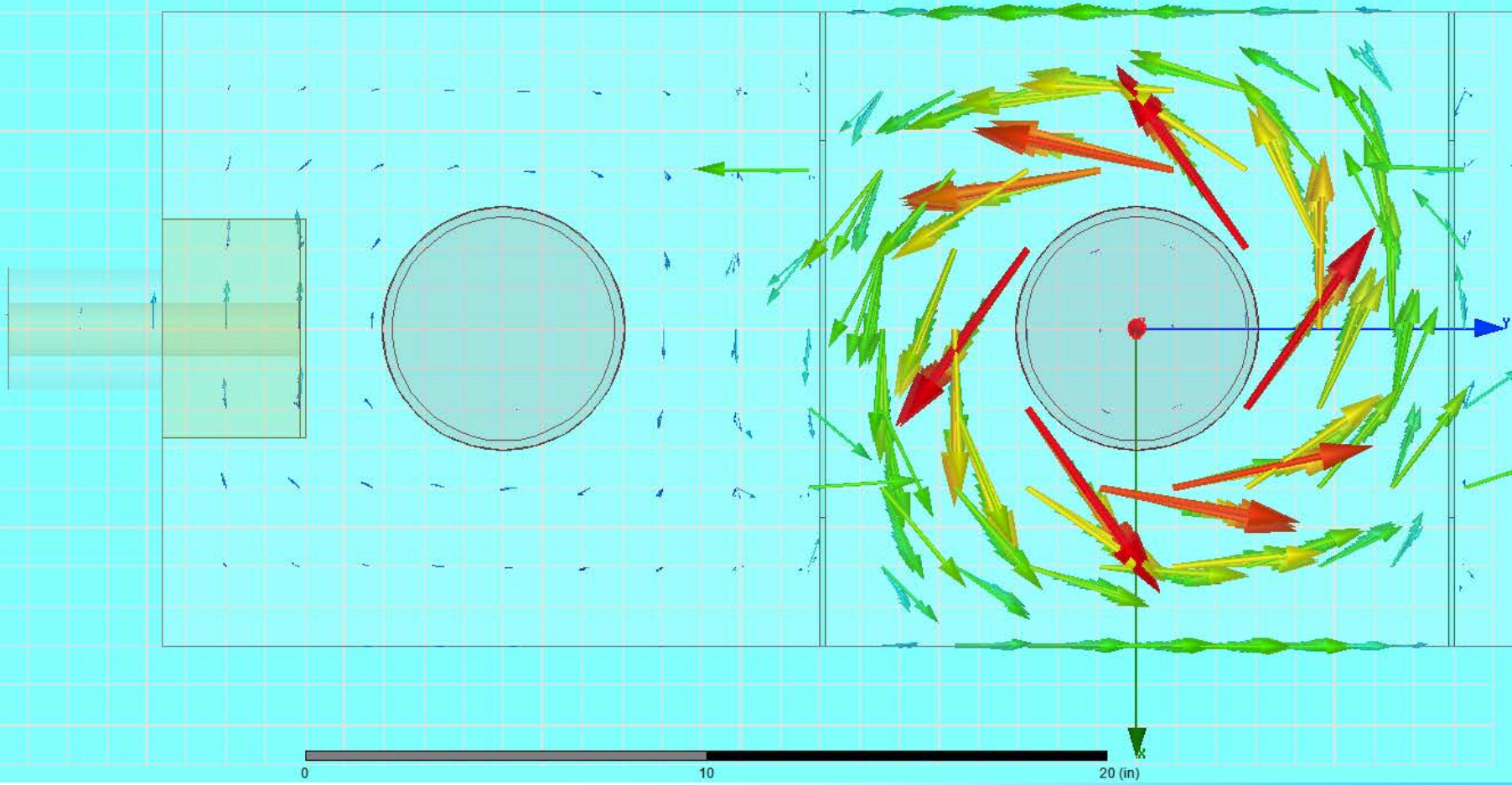


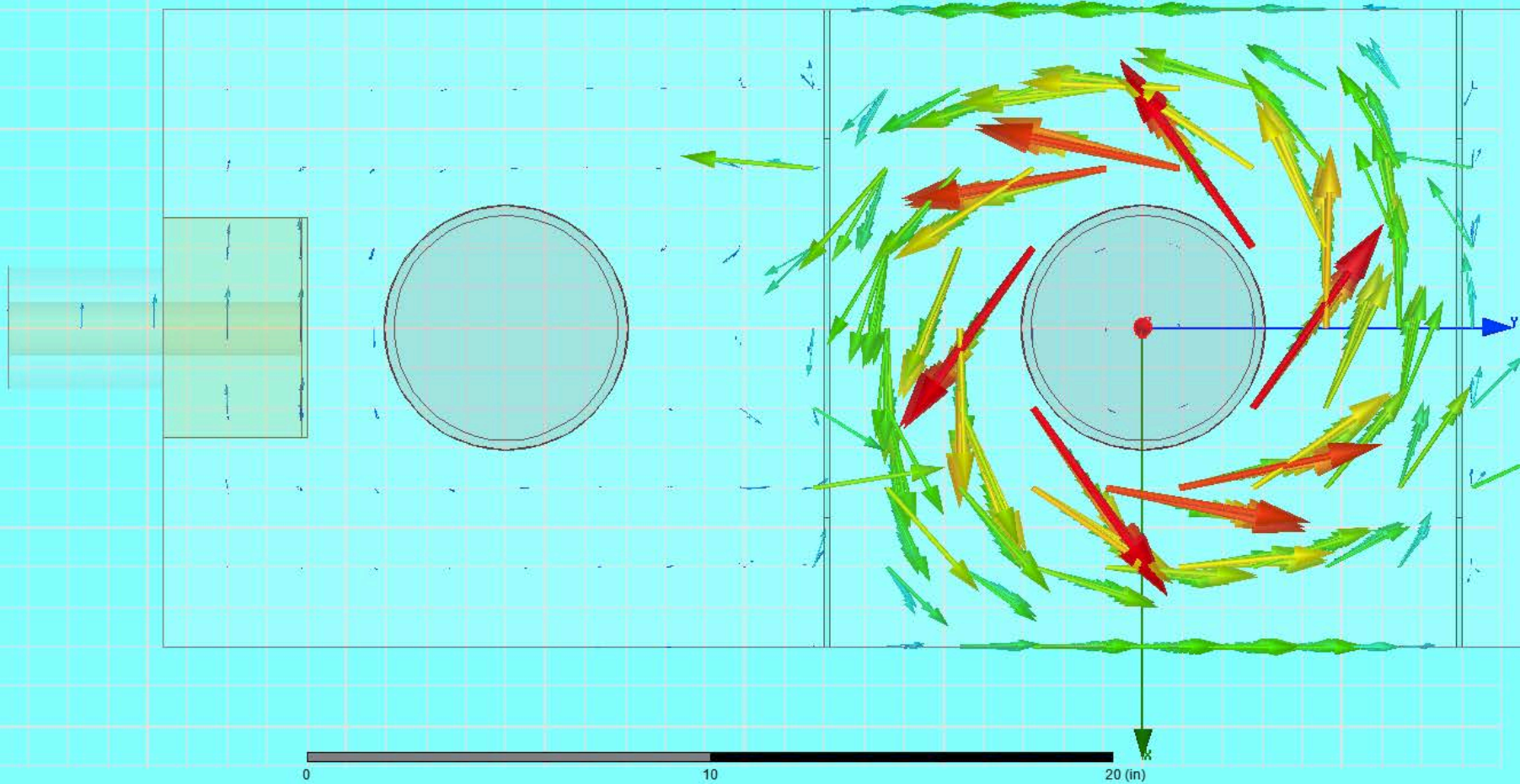


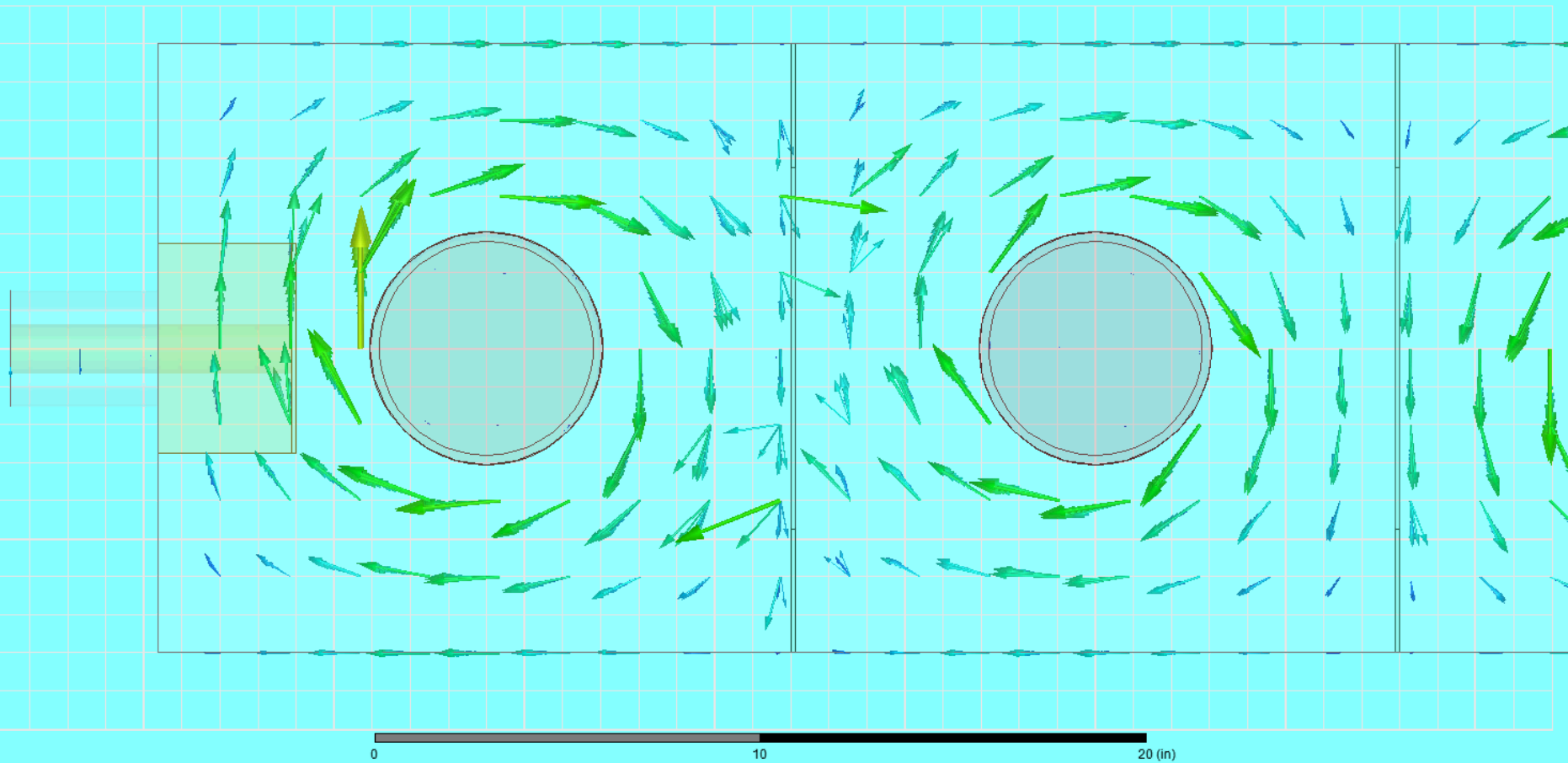


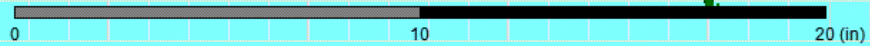
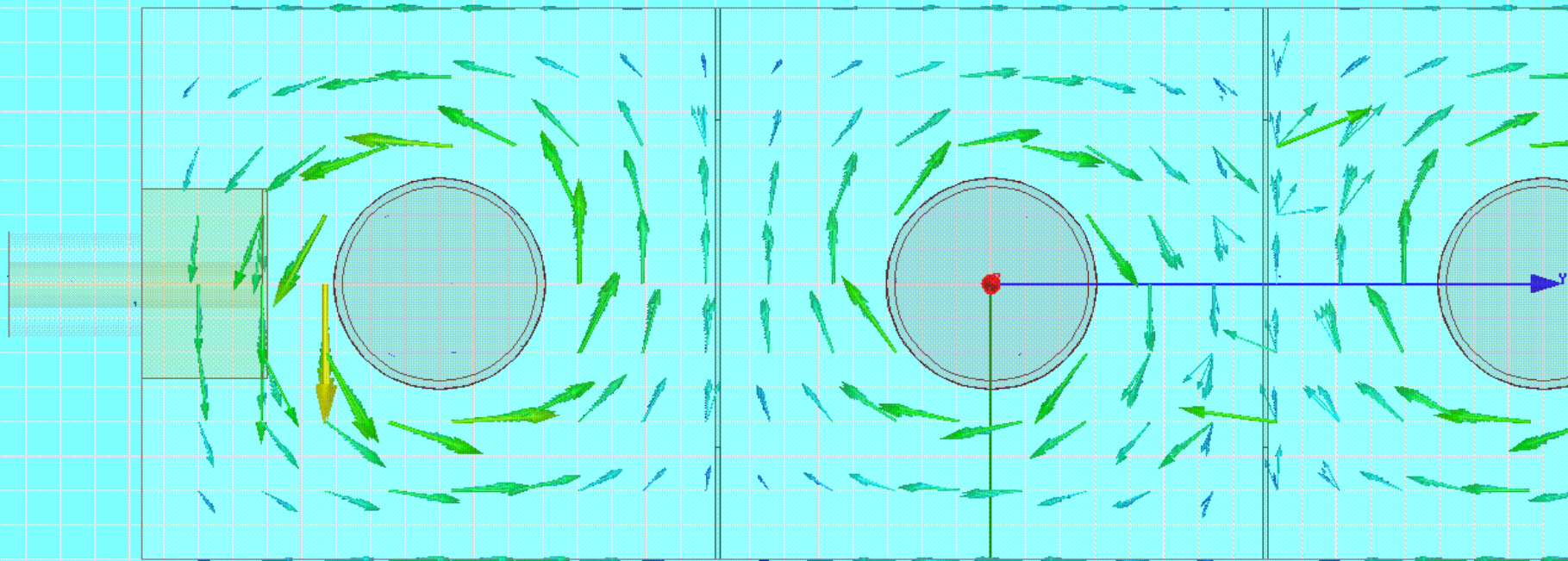


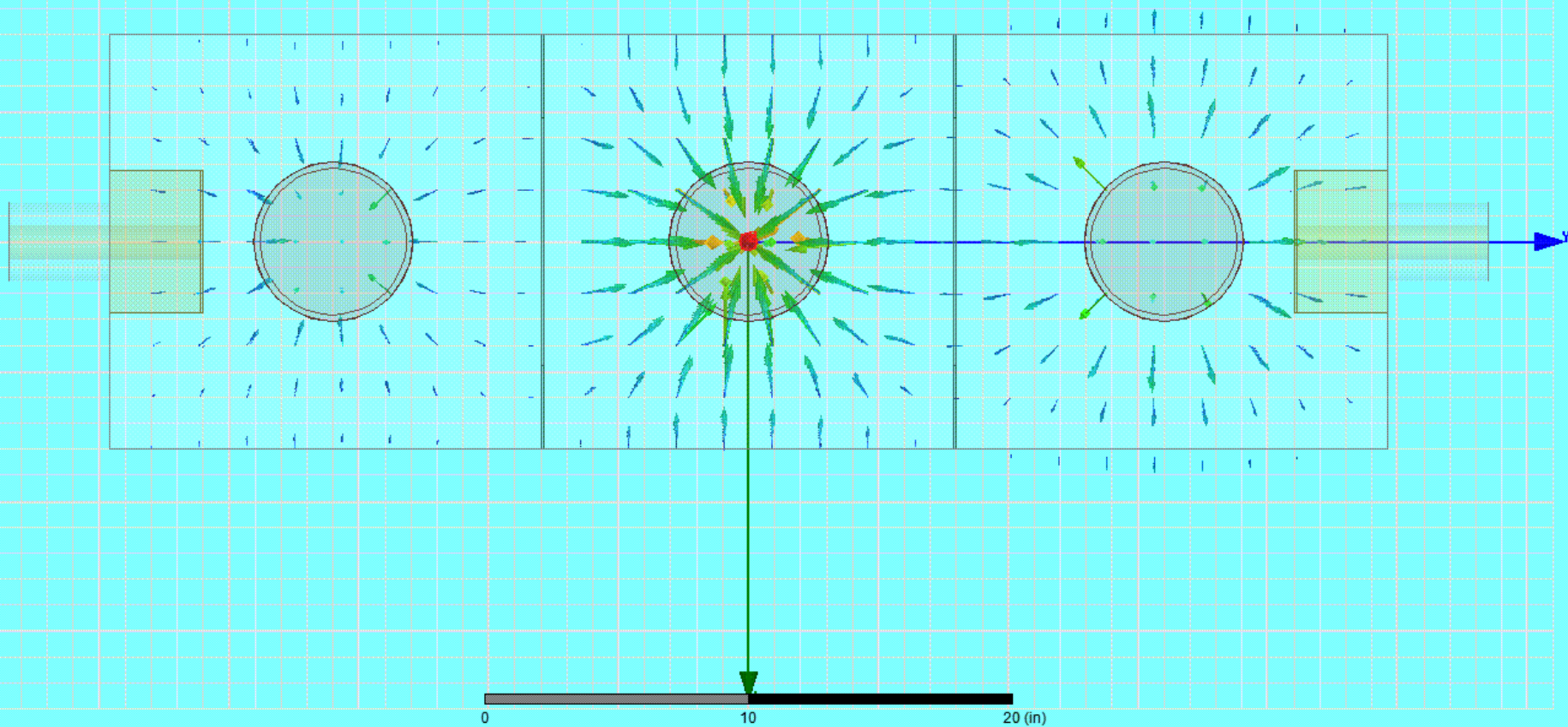


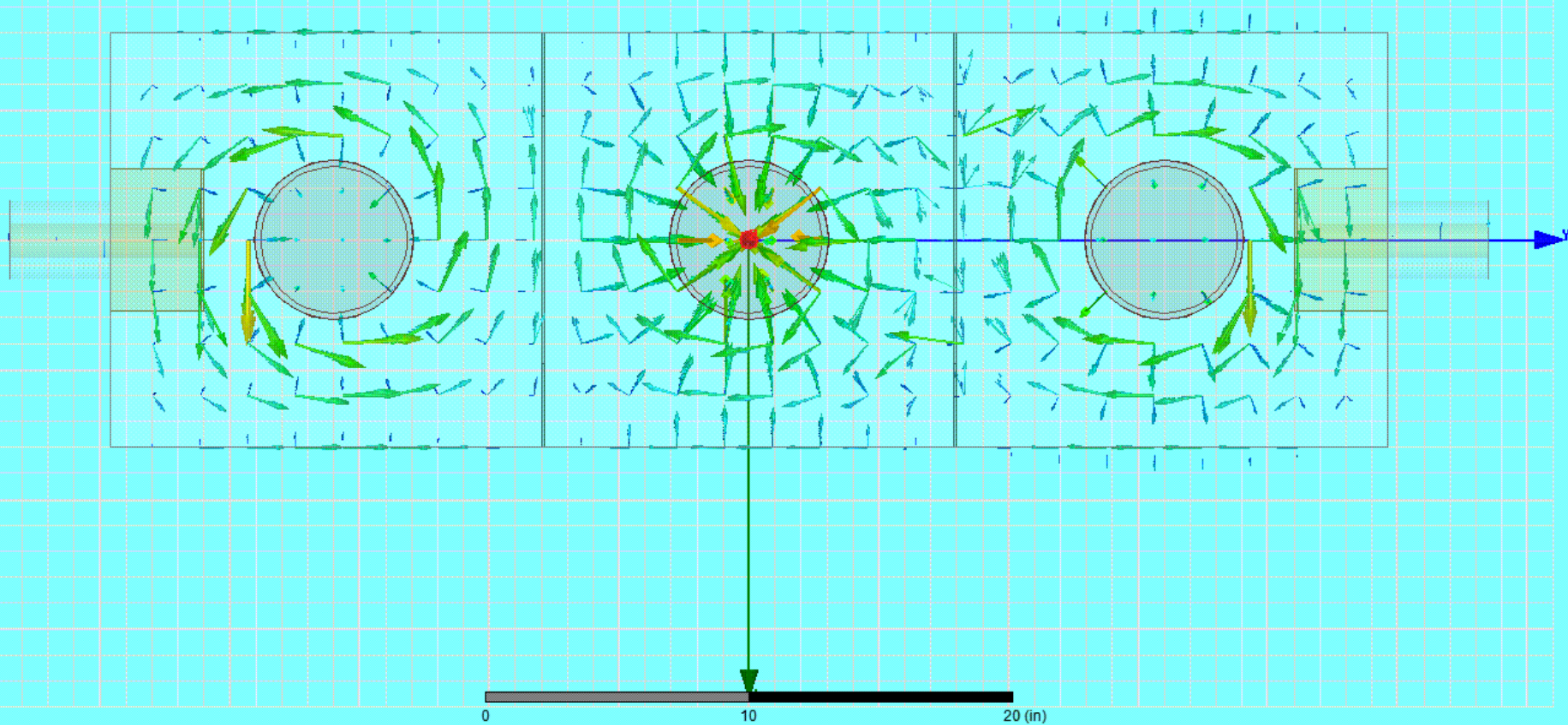


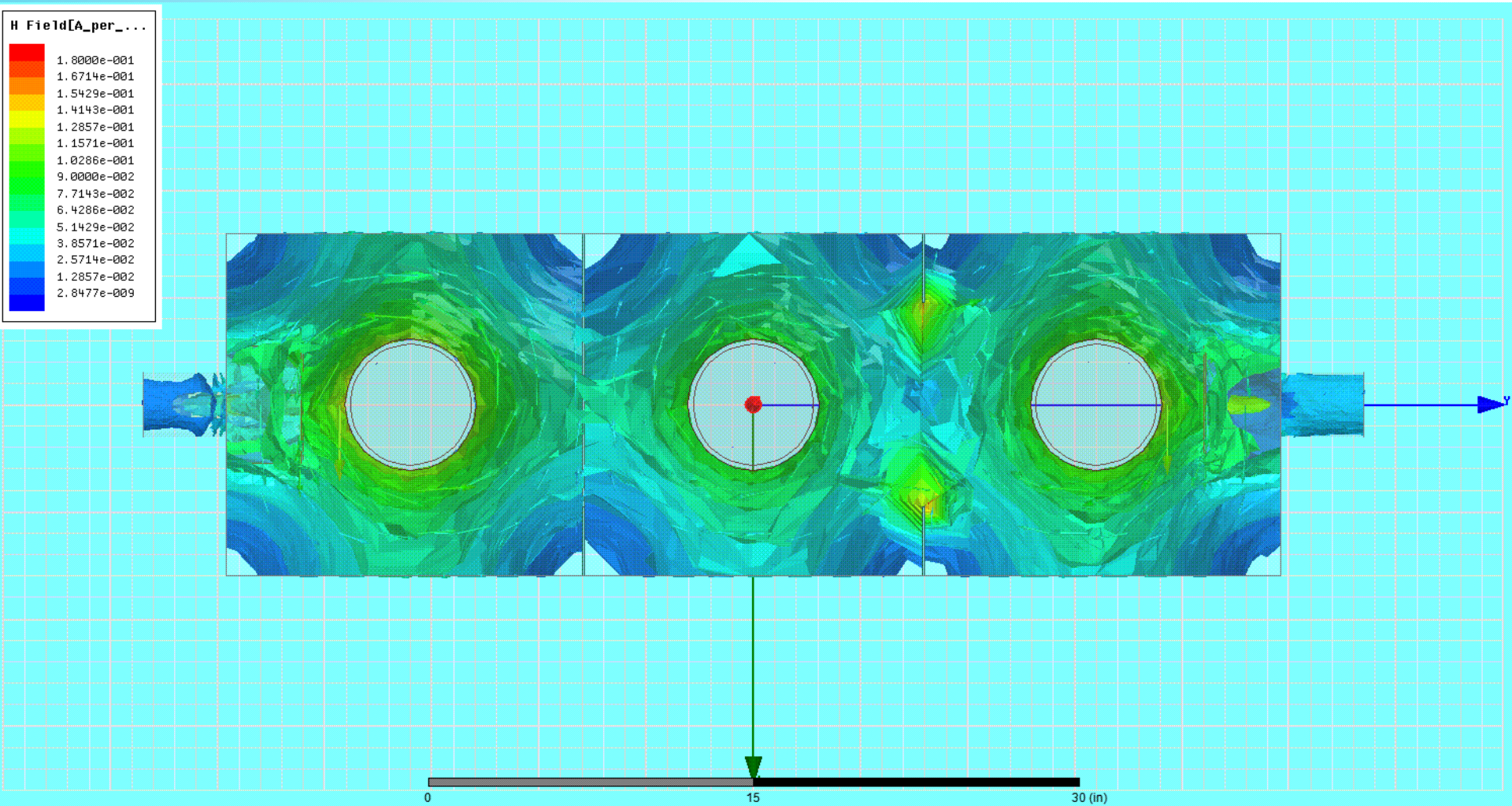








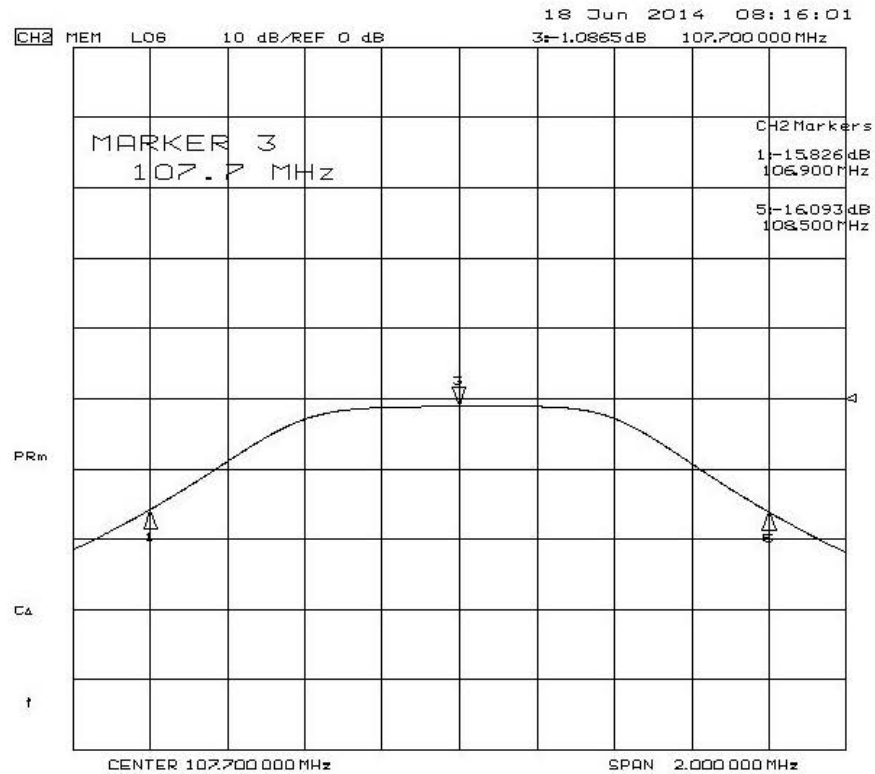






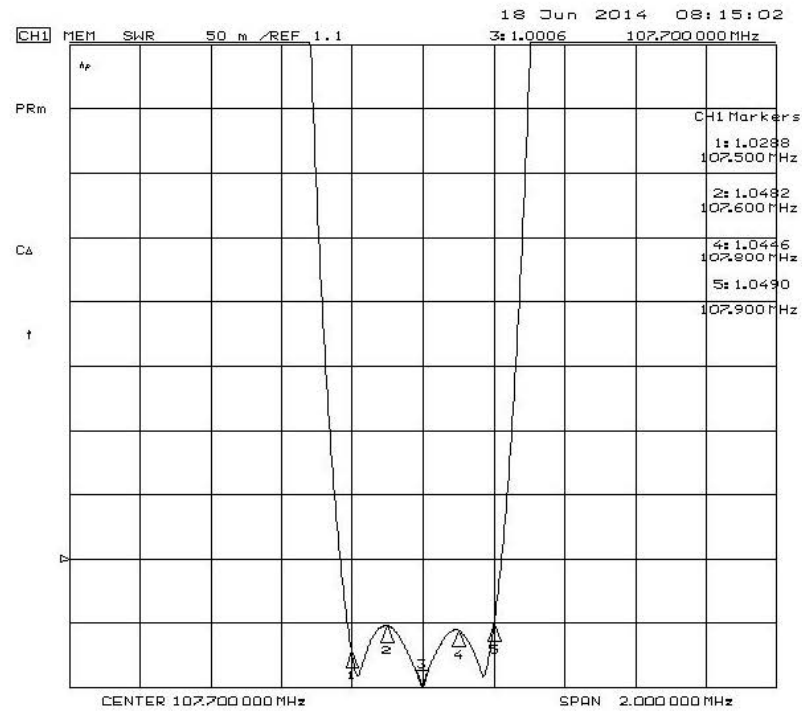
2914-3 Bandpass filter
107.7 MHz

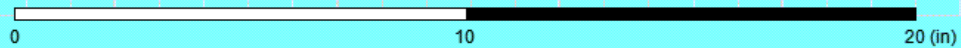
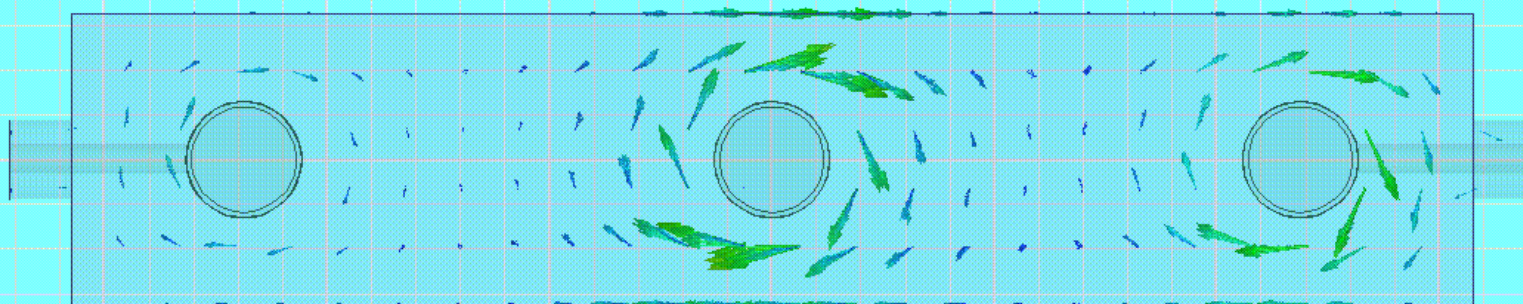
Insertion loss & Isolation

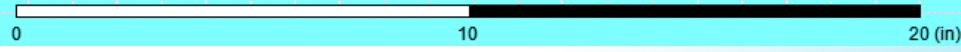
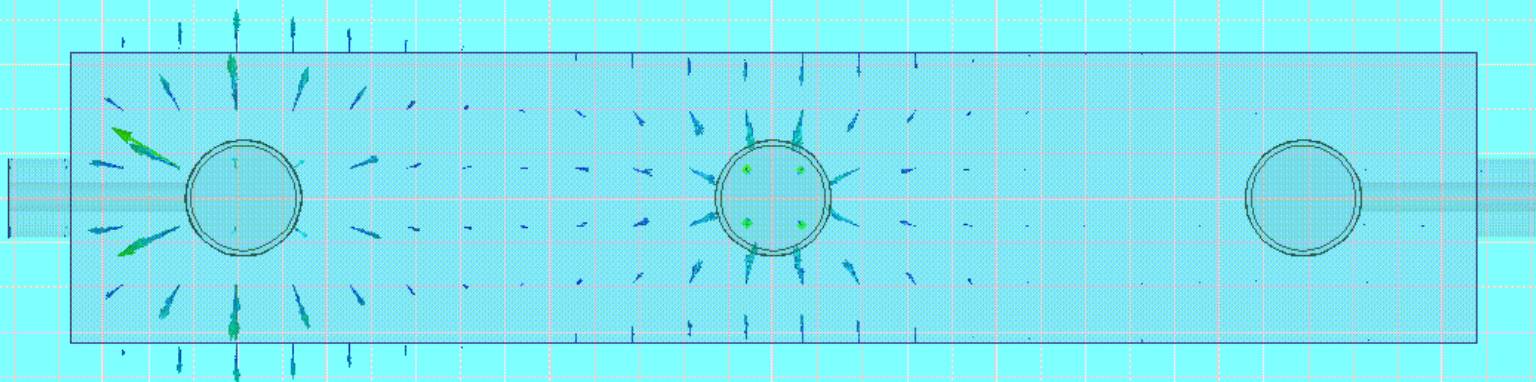


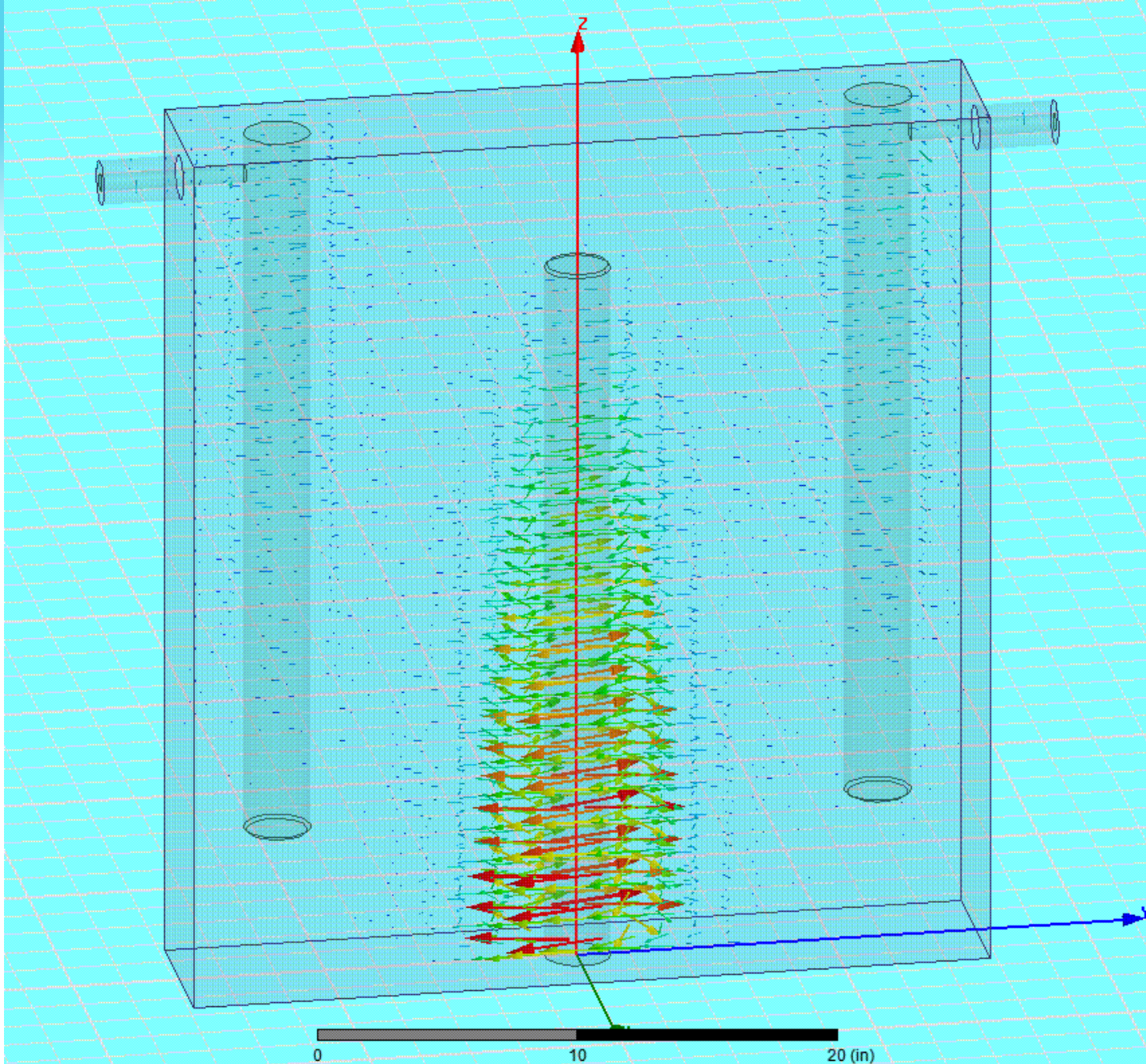
2914-3 Bandpass filter
107.7 MHz

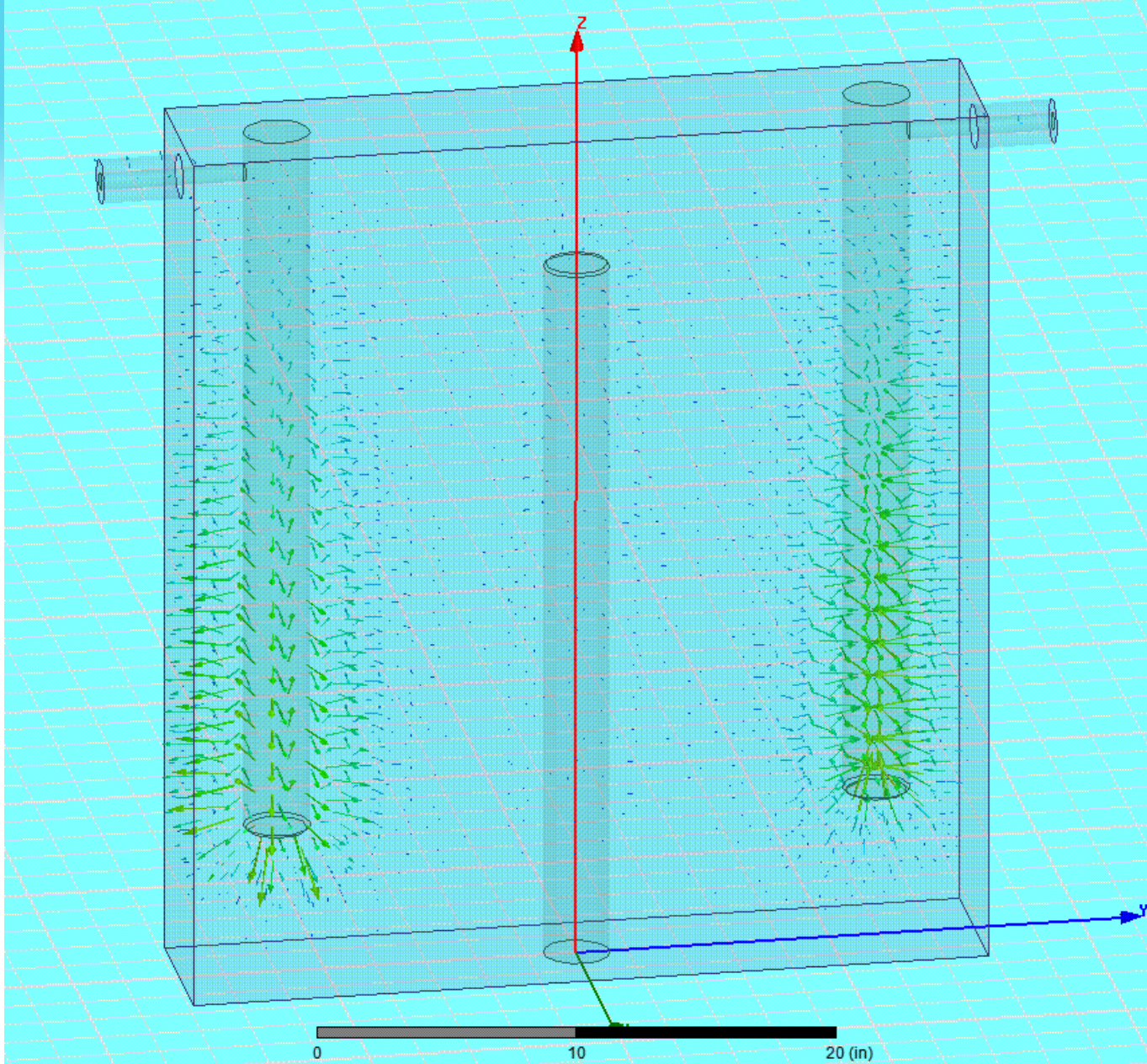
VSWR



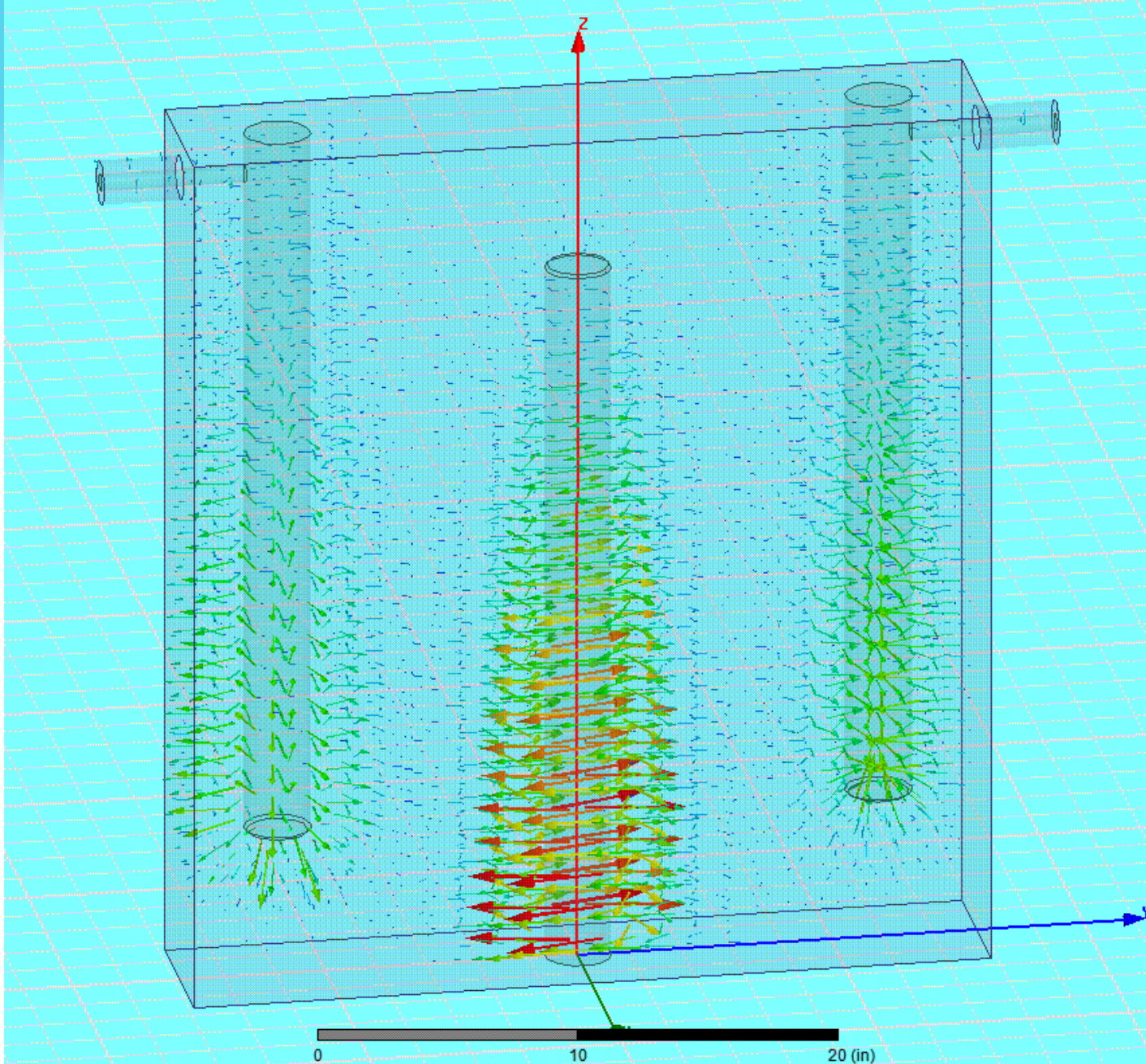


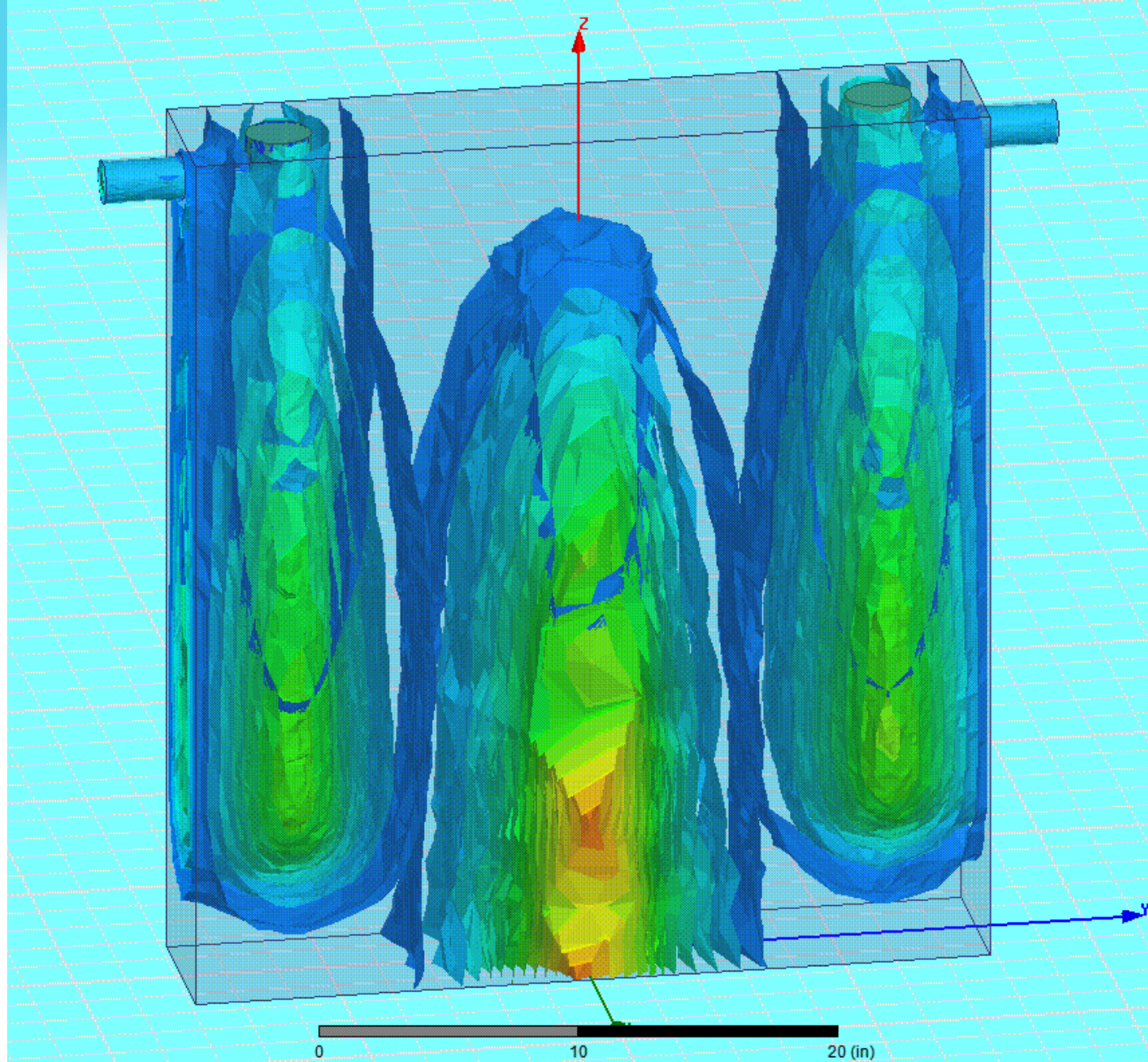


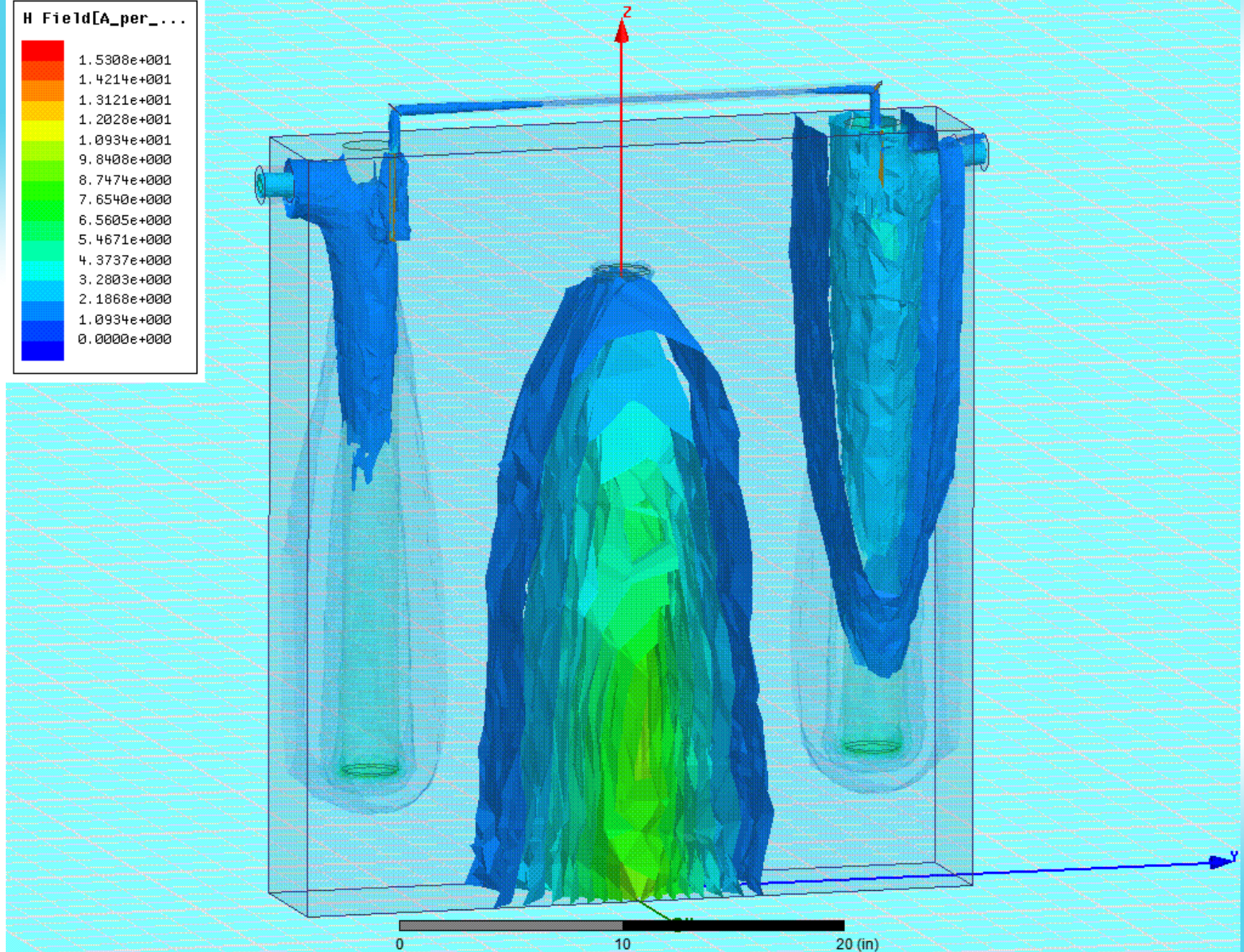




E Vector



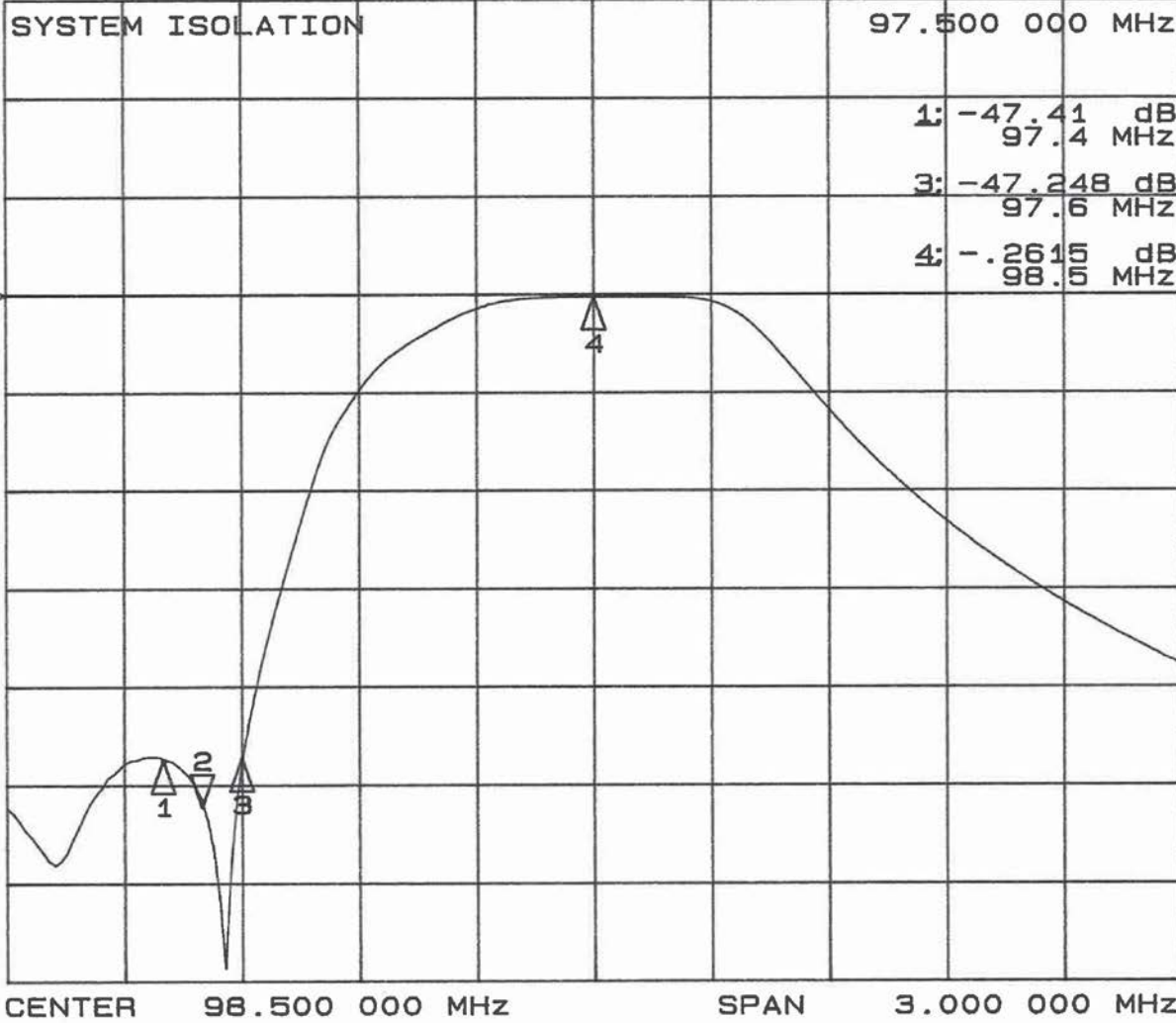




2 May 1995 09:29:08

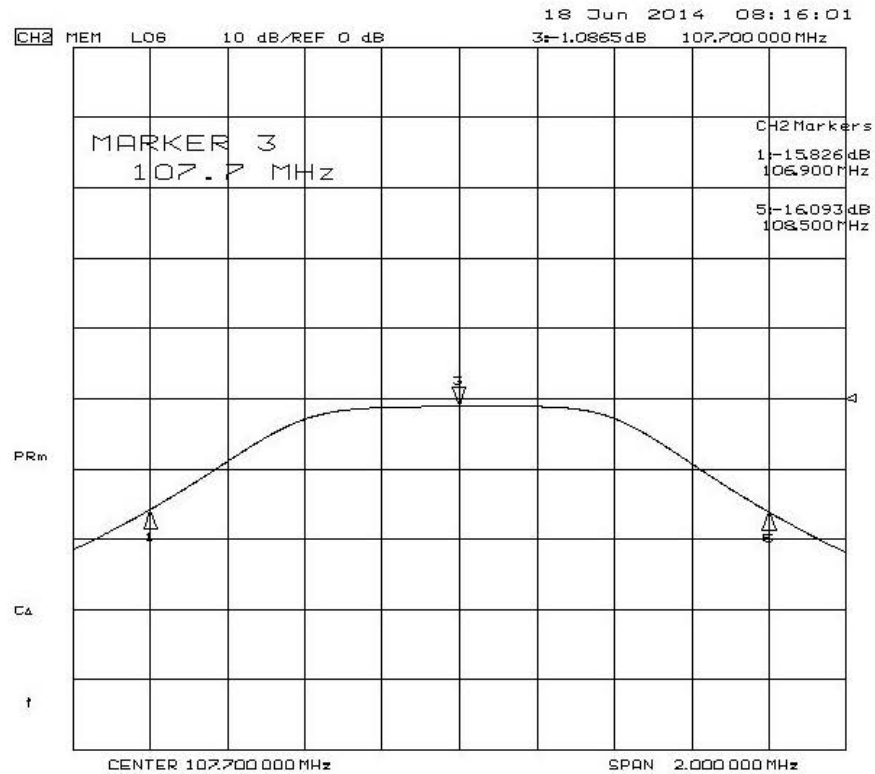
CH1 S₂₁ log MAG 10 dB/ REF 0 dB

2: -52.214 dB

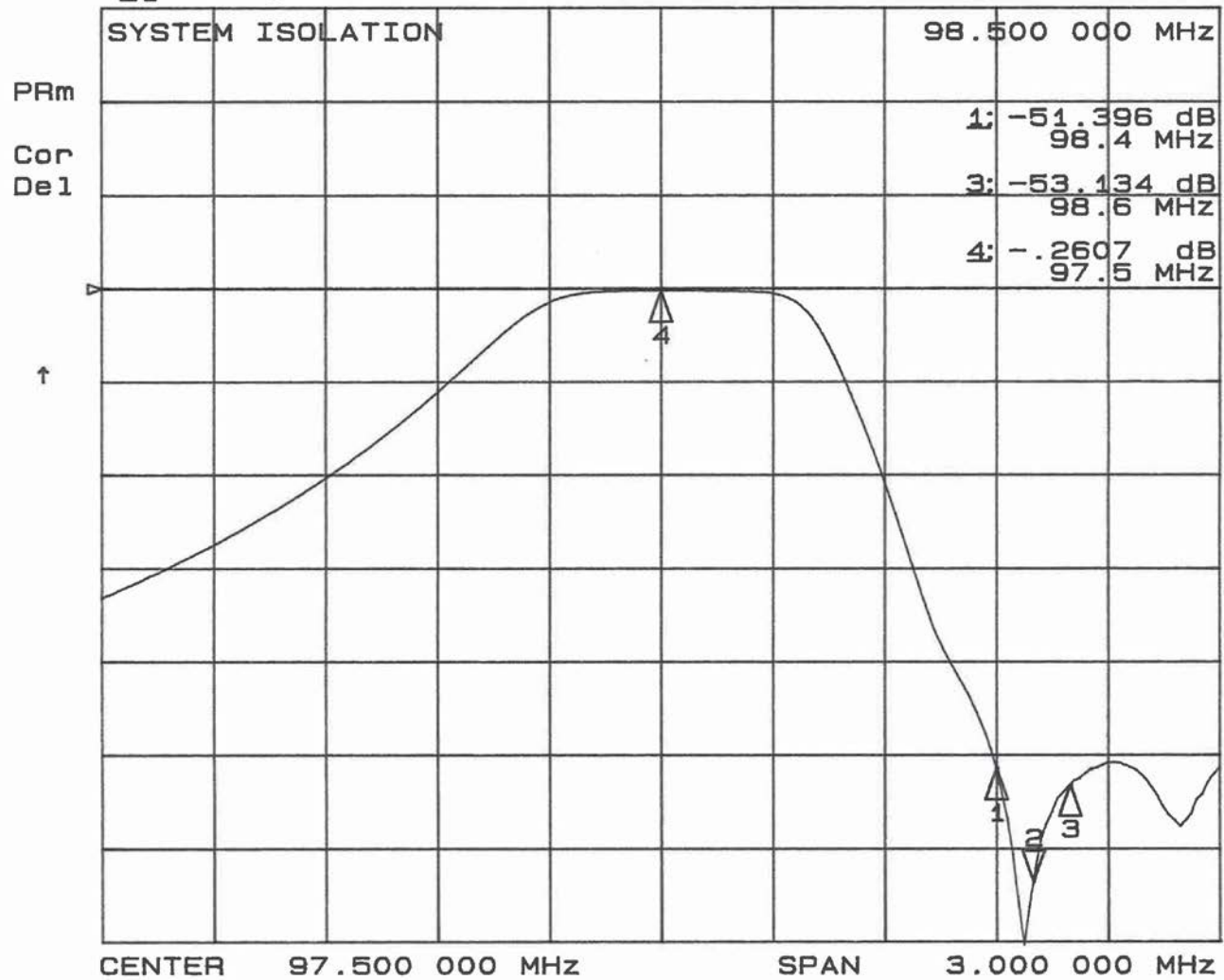


2914-3 Bandpass filter
107.7 MHz

Insertion loss & Isolation



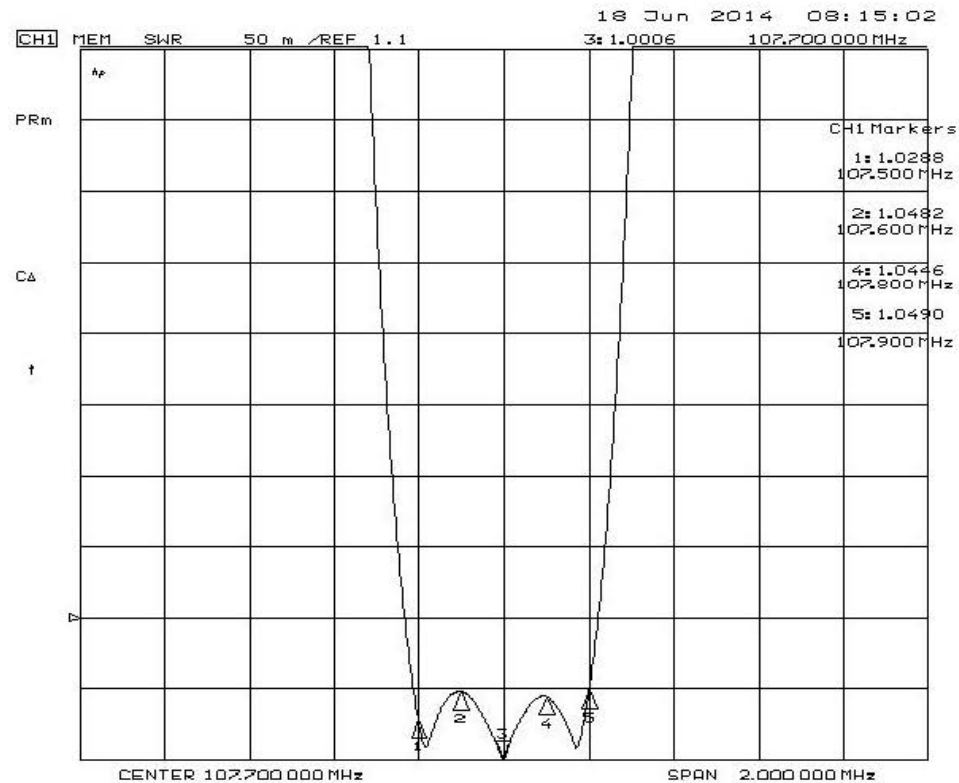
2 May 1995 09:12:57
CH1 S₂₁ log MAG 10 dB/ REF 0 dB 2: -63.552 dB

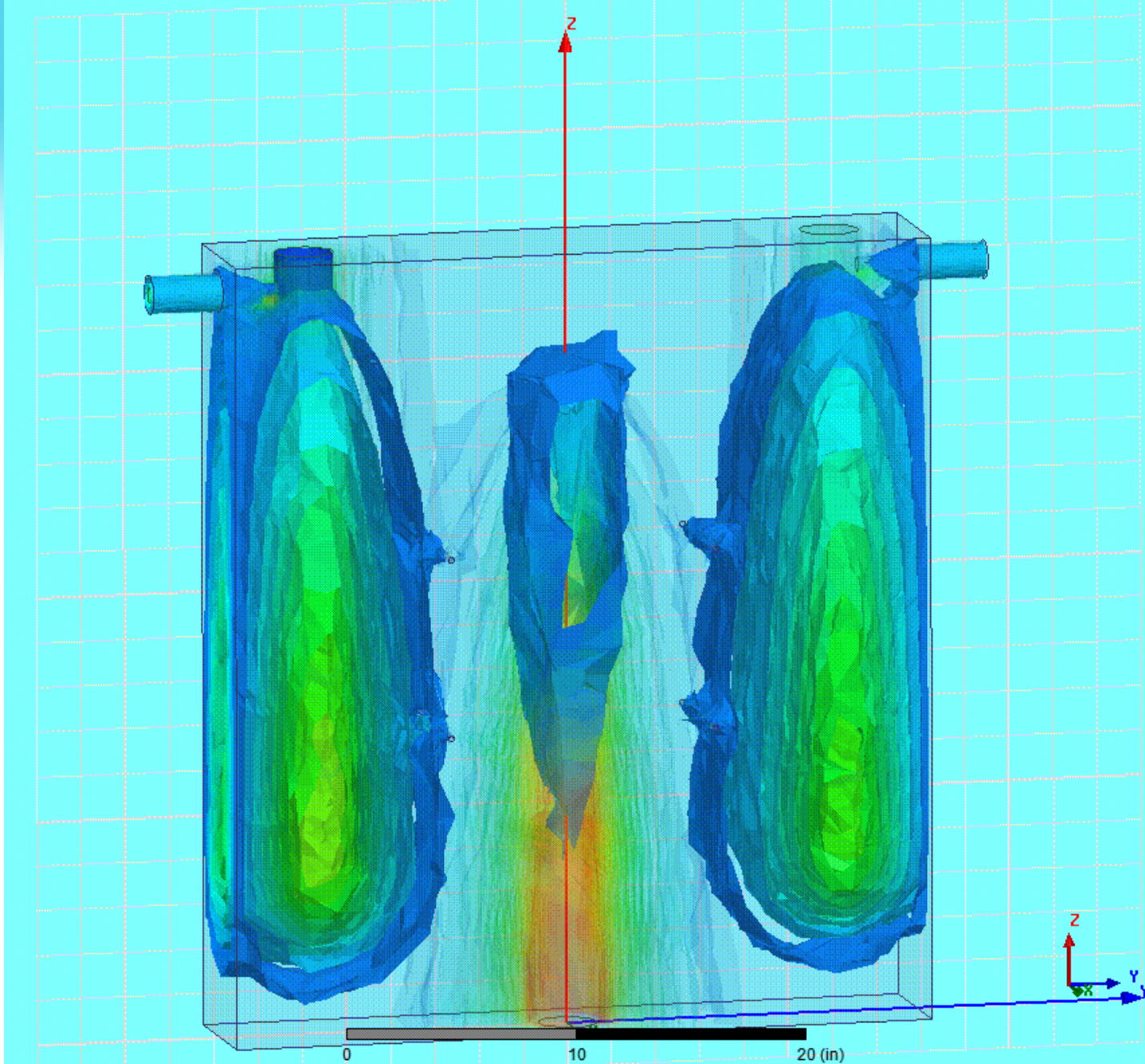


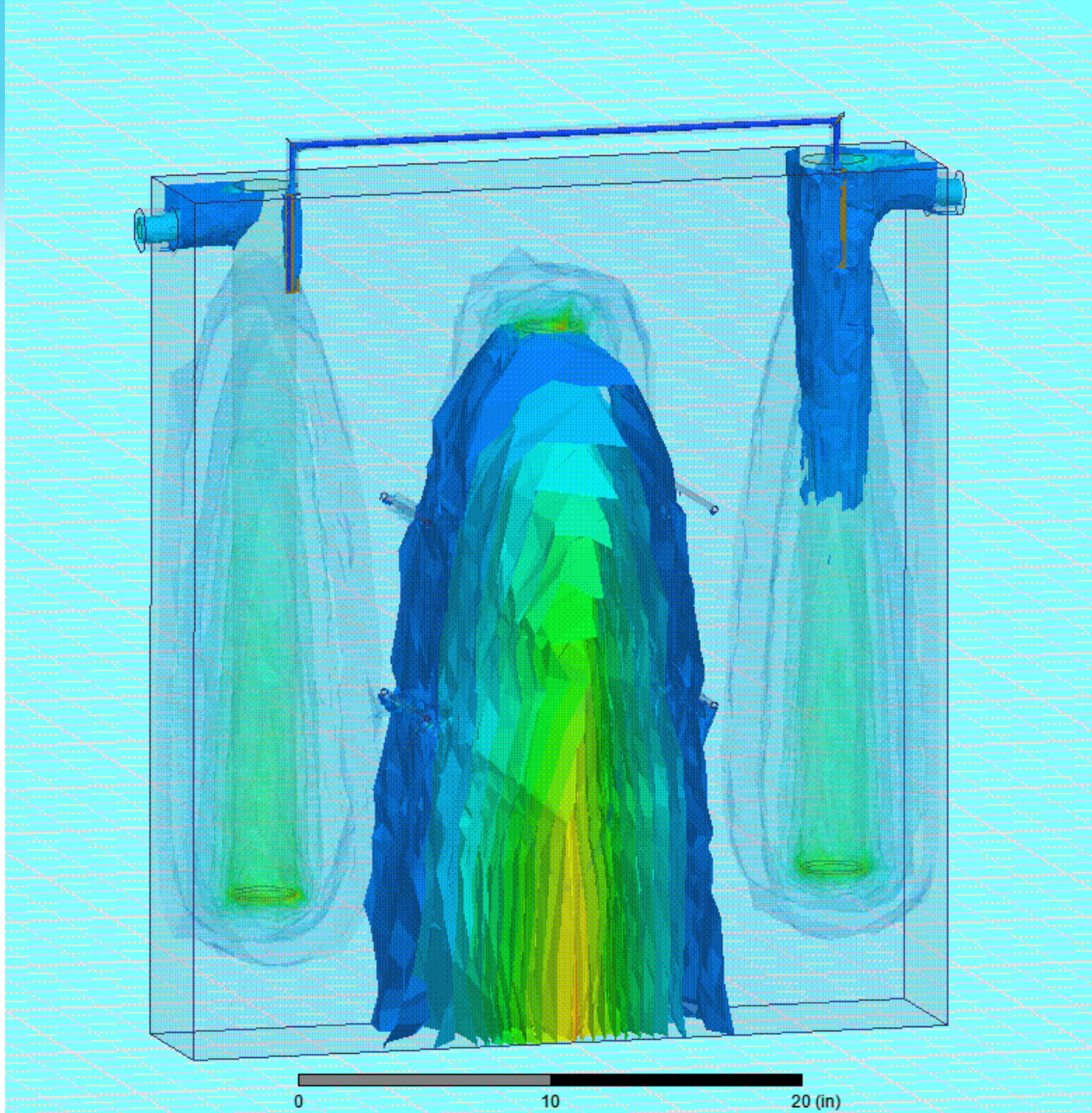
-50dB

2914-3 Bandpass filter
107.7 MHz

VSWR







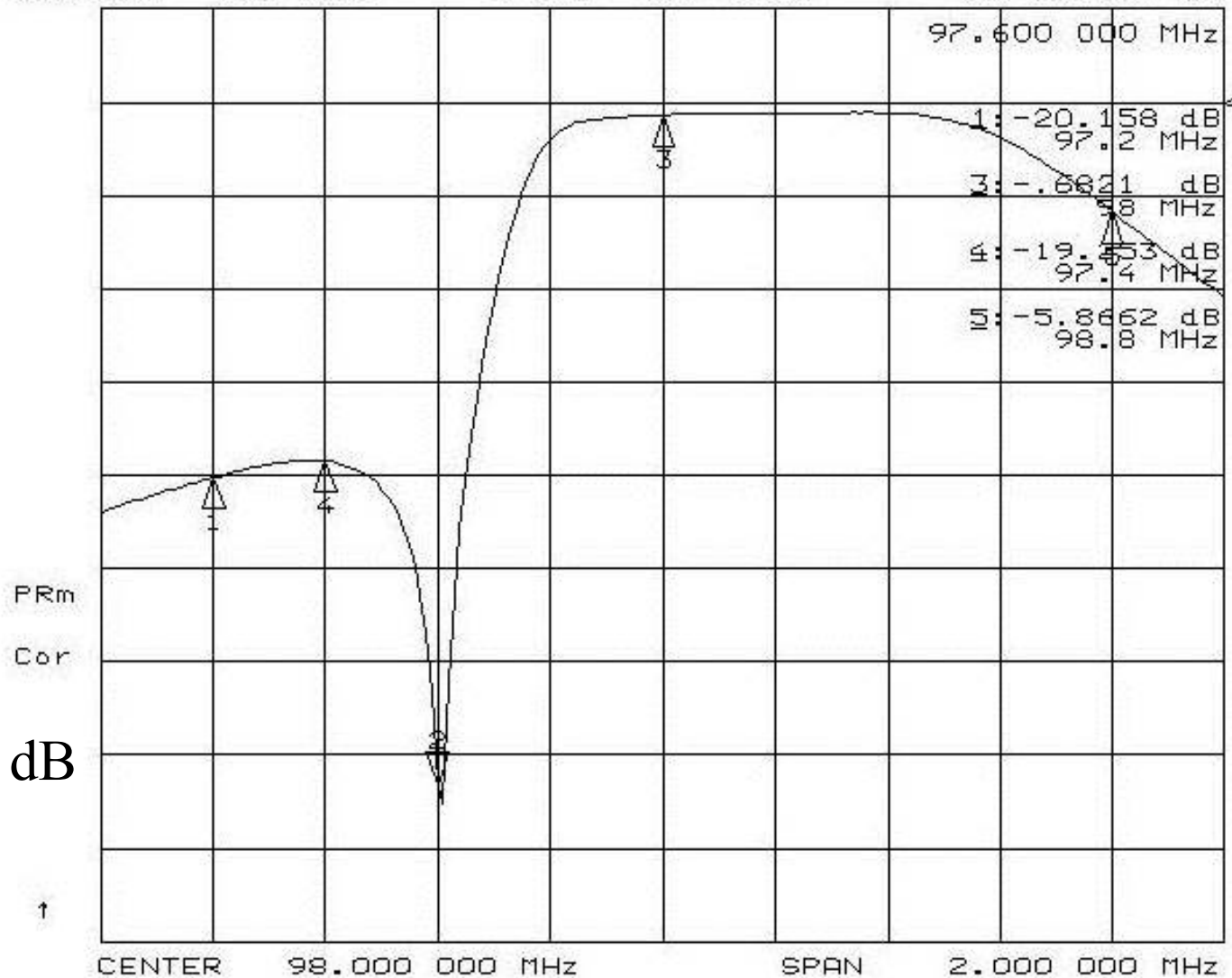
2604-3A-400kHz
With 2 posts
Insertion loss isolation

21 Mar 2014 06:45:46

CH2 MEM log MAG

5 dB/ REF 0 dB

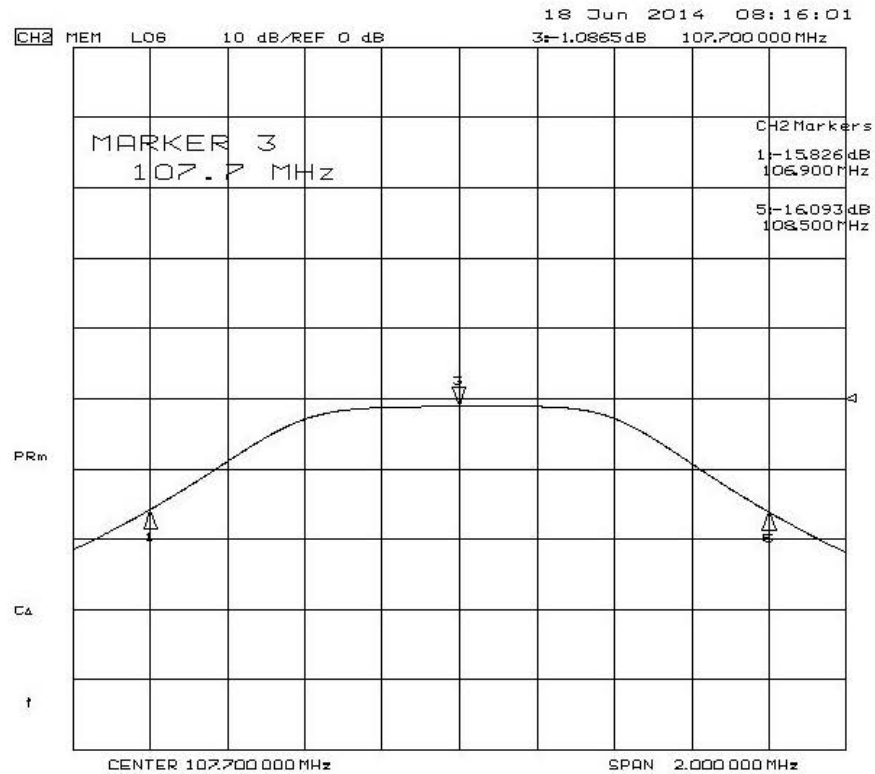
2: -36.592 dB



≈ 37 dB

2914-3 Bandpass filter
107.7 MHz

Insertion loss & Isolation

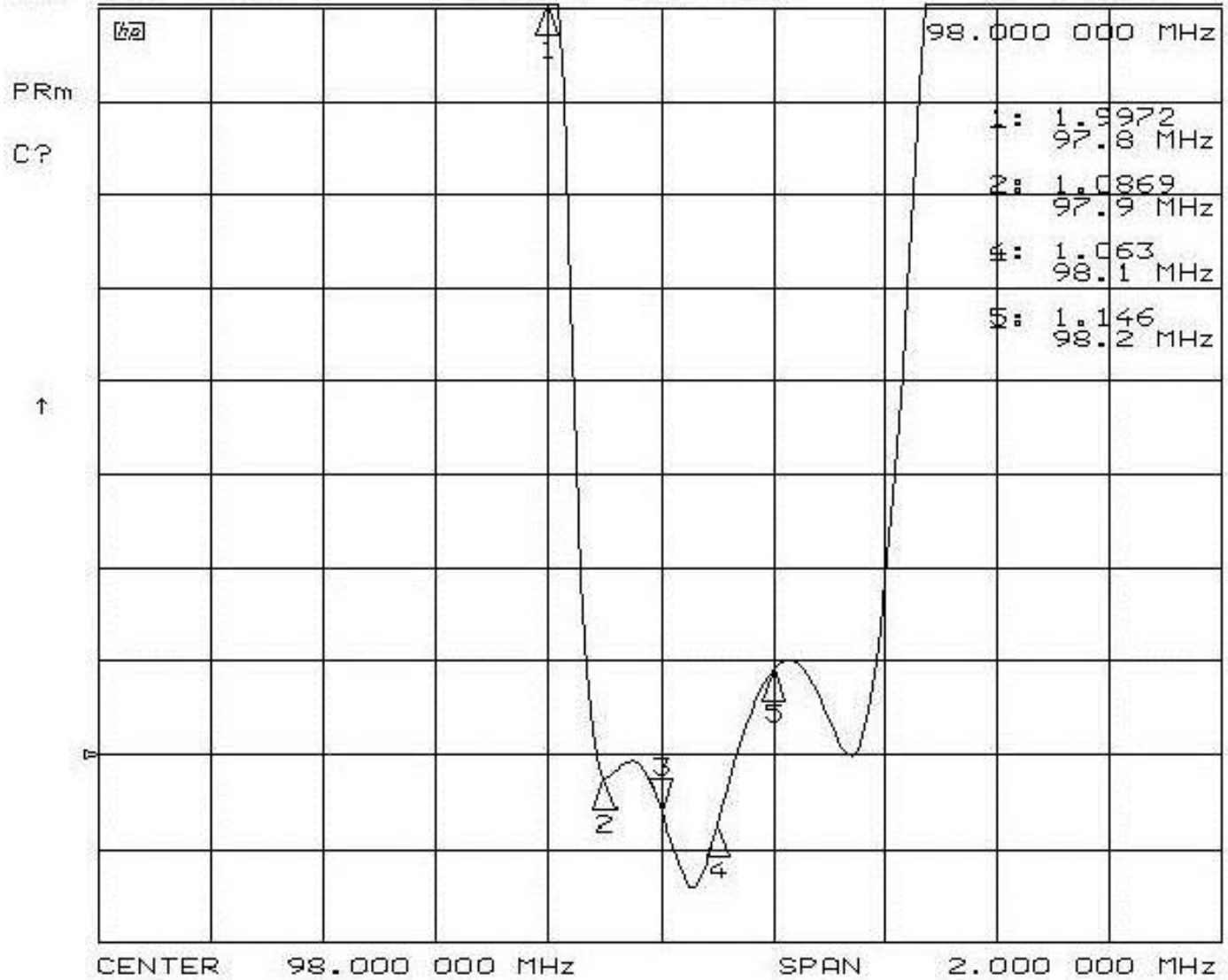


2604-3A-400kHz

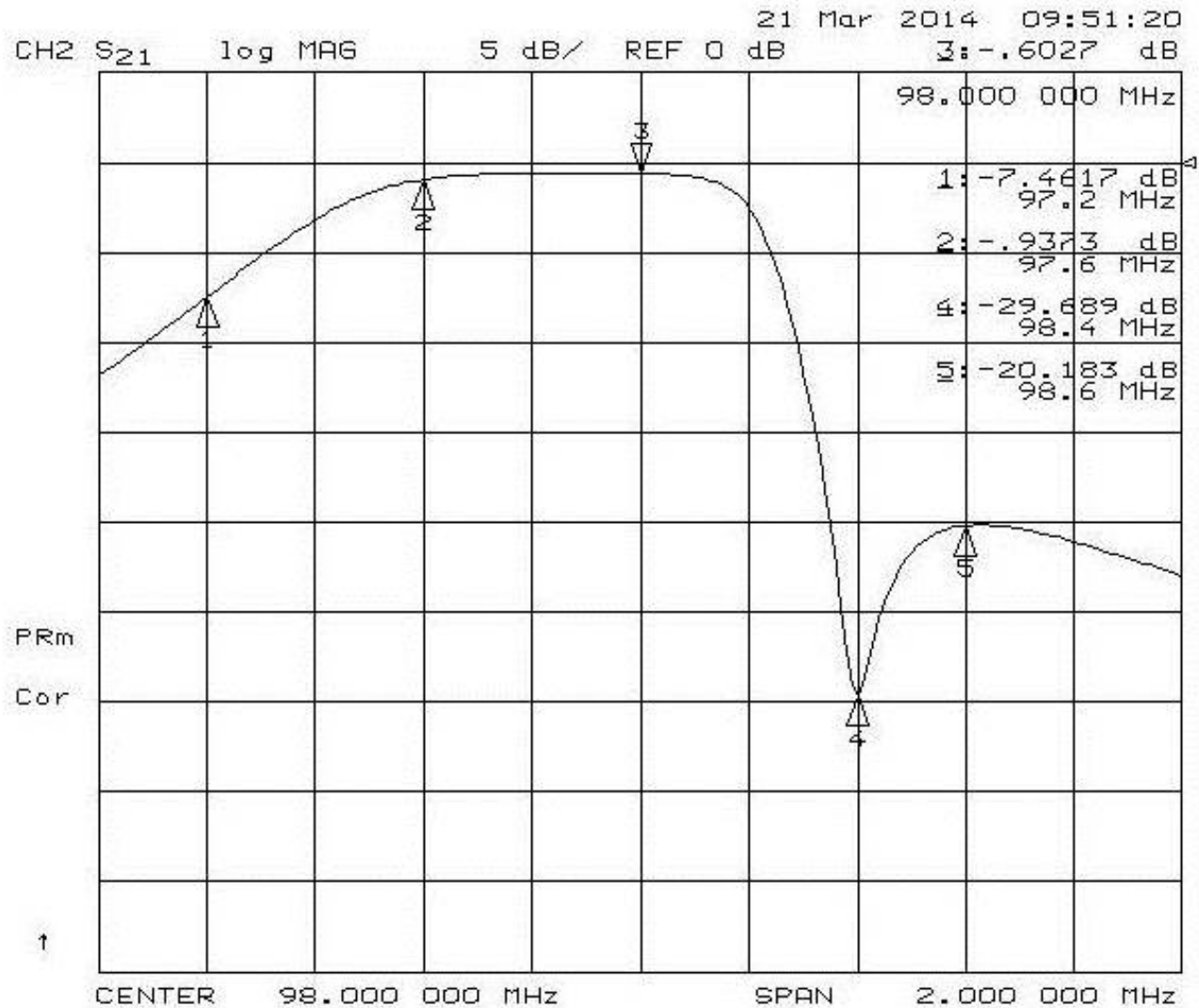
VSWR

21 Mar 2014 06:46:50

CH1 MEM SWR 50 m / REF 1.1 3: 1.0699

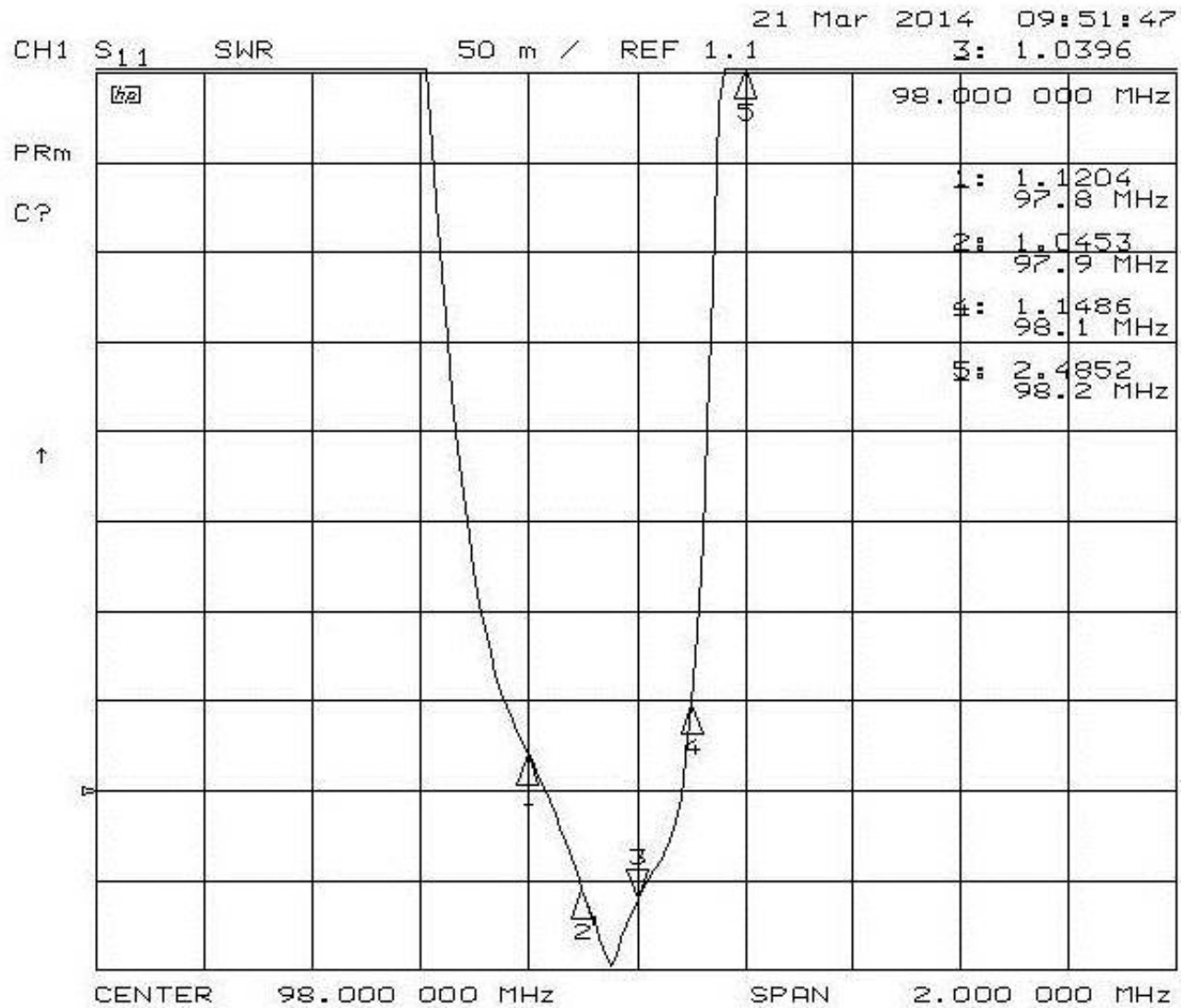


2604-3A-400kHz
Notching high side required
Longer feedback loops installed
3 posts installed



≈ 30 dB

2604-3A-400kHz
Notching high side required
Longer feedback loops installed
3 posts installed



Questions





















11-27-2013









Thank You!