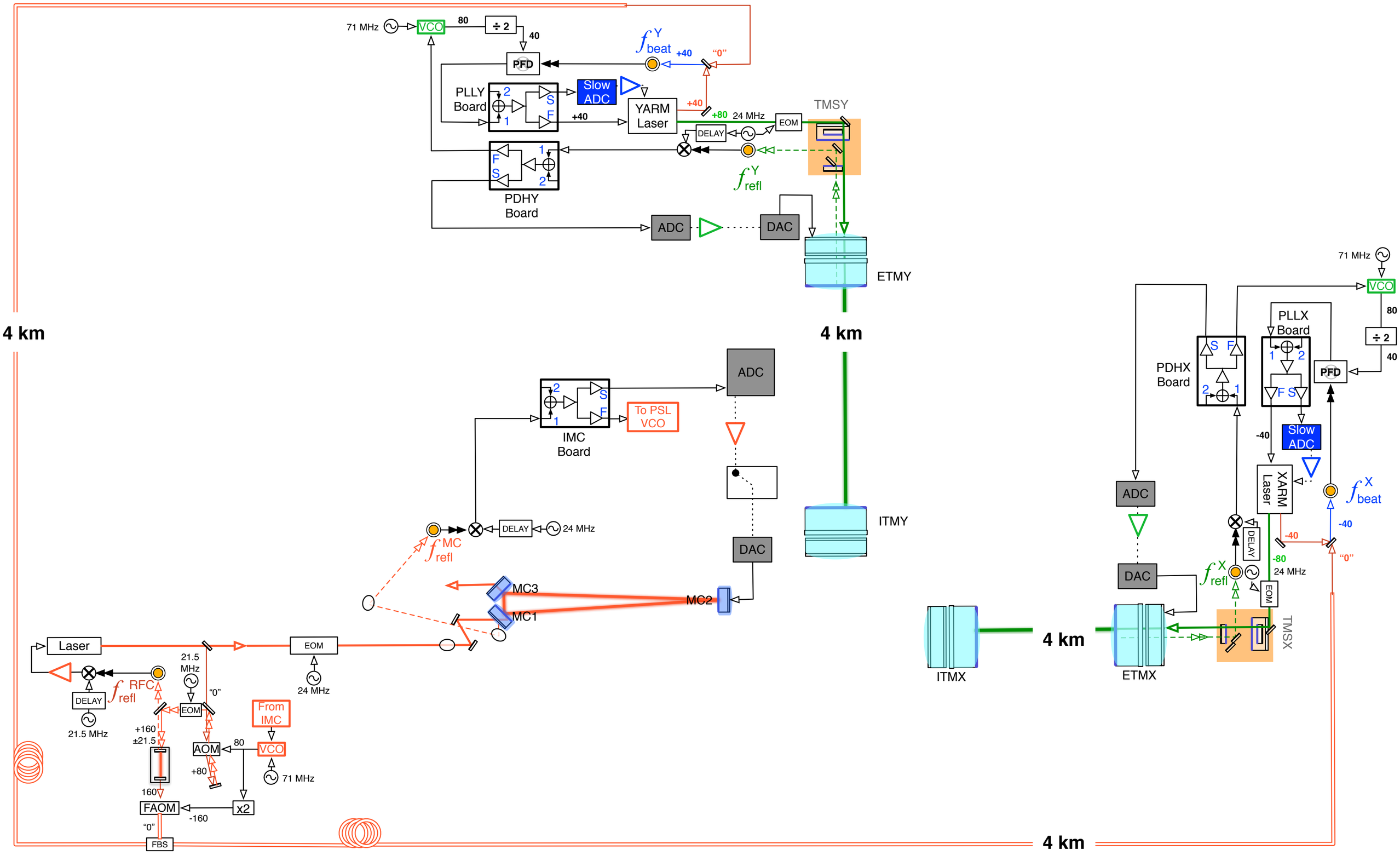
71 MHz
VCO
80
÷ 2
40
PFD
f^{Y}_{beat}
+40
"0"
PLLY Board
Slow ADC
YARM Laser
+40
+80
24 MHz
EOM
TMSY
DELAY
PDHY Board
f^{Y}_{refl}
ADC
DAC
ETMY
4 km
4 km
ADC
IMC Board
To PSL VCO
DAC
ITMY
DELAY
24 MHz
f^{MC}_{refl}
MC3
MC2
MC1
Laser
EOM
21.5 MHz
24 MHz
DELAY
21.5 MHz
f^{RFC}_{refl}
"0"
EOM
+160
±21.5
From IMC
AOM
80
VCO
+80
71 MHz
160
FAOM
x2
-160
"0"
FBS
4 km
ITMX
4 km
ADC
DAC
ETMX
PDHX Board
PLLX Board
PFD
÷ 2
40
Slow ADC
-40
XARM Laser
f^{X}_{beat}
-40
DELAY
-40
"0"
-80
24 MHz
f^{X}_{refl}
EOM
TMSX