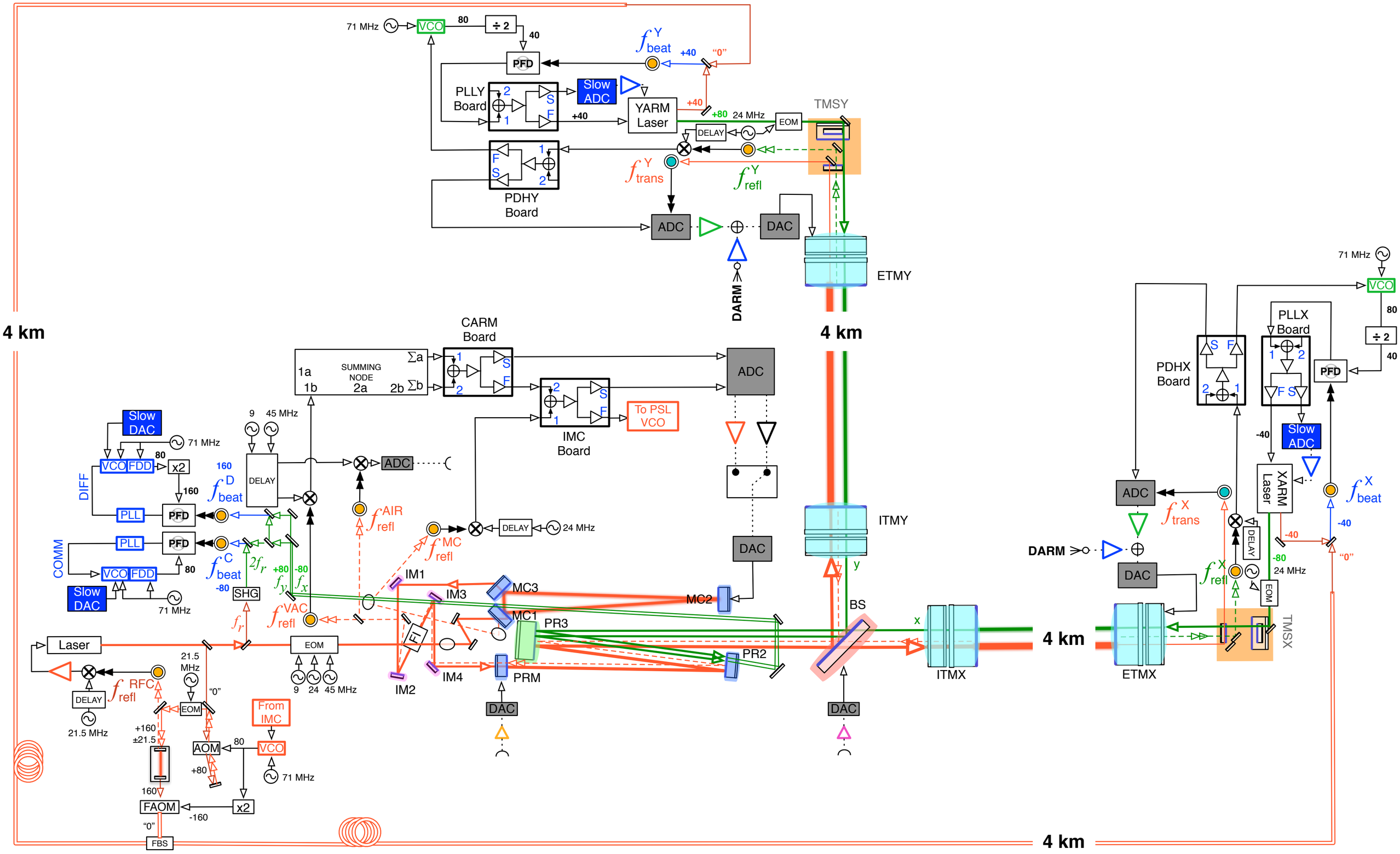
4 km
71 MHz
VCO
80
÷ 2
40
PFD
PLLY Board
Slow ADC
YARM Laser
+40
"0"
+80
24 MHz
EOM
DELAY
TMSY
PDHY Board
ADC
DAC
DARM
ETMY
4 km
CARM Board
SUMMING NODE
1a
1b
2a
2b
Σa
Σb
IMC Board
To PSL VCO
Slow DAC
71 MHz
VCO FDD
x2
160
DIFF
PLL
COMM
9
45 MHz
DELAY
SHG
2f_r
+80
-80
-160
IM1
IM2
IM3
IM4
FI
MC1
MC2
MC3
PR2
PR3
PRM
BS
ITMY
ITMX
x
y
Laser
EOM
21.5 MHz
RFC
AOM
FAOM
FBS
From IMC
24 MHz
PLLX Board
PDHX Board
XARM Laser
TMSX
ETMX
-40