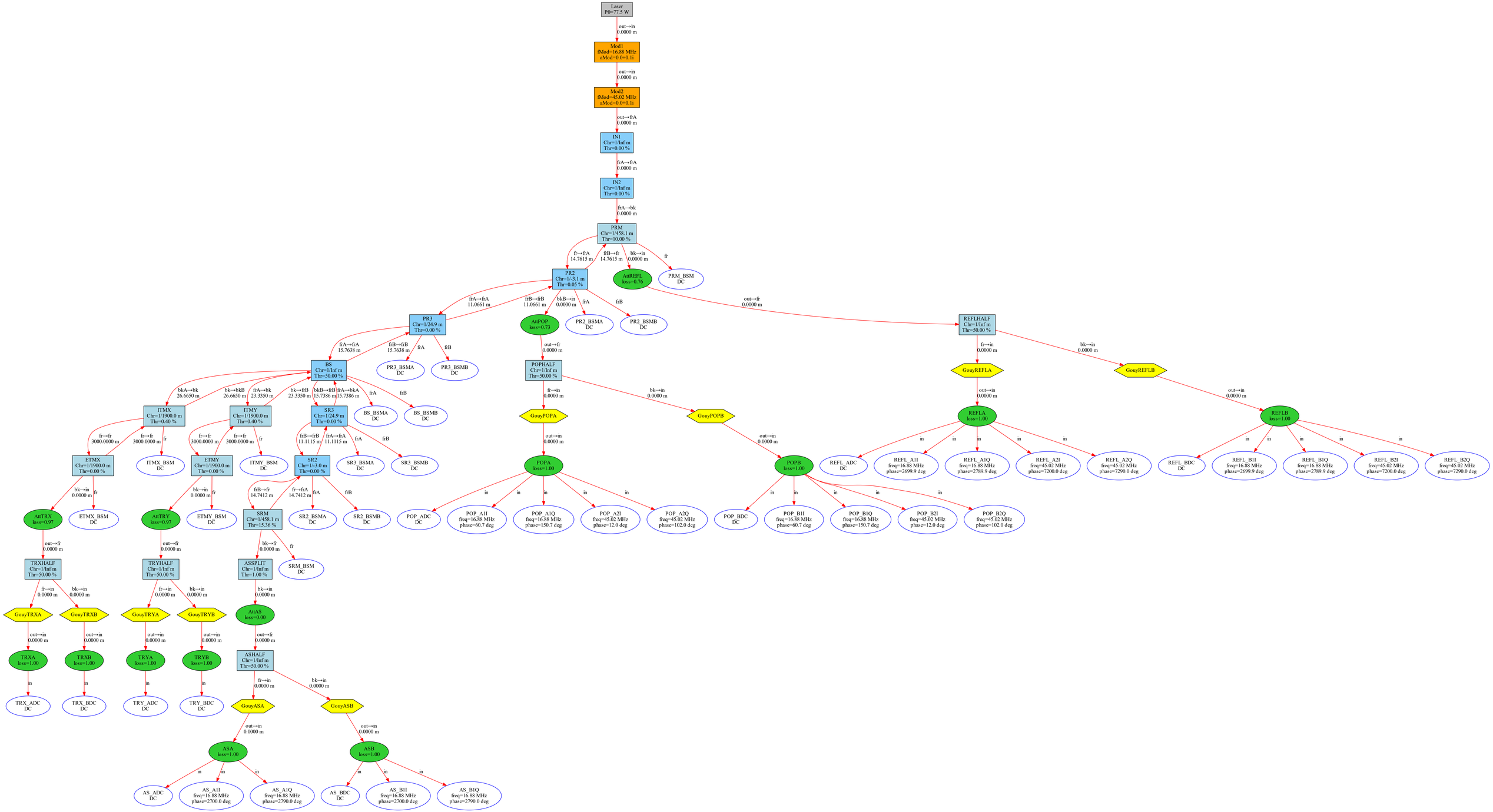
Laser
P0=77.5 W
out→in
0.0000 m
Mod1
fMod=16.88 MHz
aMod=0.0+0.1i
out→in
0.0000 m
Mod2
fMod=45.02 MHz
aMod=0.0+0.1i
out→frA
0.0000 m
IN1
Chr=1/Inf m
Thr=0.00 %
frA→frA
0.0000 m
IN2
Chr=1/Inf m
Thr=0.00 %
frA→bk
0.0000 m
PRM
Chr=1/458.1 m
Thr=10.00 %
fr→frA
14.7615 m
frB→fr
14.7615 m
bk→in
0.0000 m
fr
PRM_BSM
DC
AttREFL
loss=0.76
out→fr
0.0000 m
PR2
Chr=1/-3.1 m
Thr=0.05 %
frA→frA
11.0661 m
frB→frB
11.0661 m
bkB→in
0.0000 m
frA
frB
PR2_BSMA
DC
PR2_BSMB
DC
AttPOP
loss=0.73
out→fr
0.0000 m
PR3
Chr=1/24.9 m
Thr=0.00 %
frA→frA
15.7638 m
frB→frB
15.7638 m
frA
frB
PR3_BSMA
DC
PR3_BSMB
DC
POPHALF
Chr=1/Inf m
Thr=50.00 %
fr→in
0.0000 m
bk→in
0.0000 m
GouyPOPA
GouyPOPB
out→in
0.0000 m
POPA
loss=1.00
POPB
loss=1.00
in
POP_ADC
DC
POP_A1I
freq=16.88 MHz
phase=60.7 deg
POP_A1Q
freq=16.88 MHz
phase=150.7 deg
POP_A2I
freq=45.02 MHz
phase=12.0 deg
POP_A2Q
freq=45.02 MHz
phase=102.0 deg
POP_BDC
DC
POP_B1I
freq=16.88 MHz
phase=60.7 deg
POP_B1Q
freq=16.88 MHz
phase=150.7 deg
POP_B2I
freq=45.02 MHz
phase=12.0 deg
POP_B2Q
freq=45.02 MHz
phase=102.0 deg
REFLHALF
Chr=1/Inf m
Thr=50.00 %
fr→in
0.0000 m
bk→in
0.0000 m
GouyREFLA
GouyREFLB
out→in
0.0000 m
REFLA
loss=1.00
REFLB
loss=1.00
in
REFL_ADC
DC
REFL_A1I
freq=16.88 MHz
phase=2699.9 deg
REFL_A1Q
freq=16.88 MHz
phase=2789.9 deg
REFL_A2I
freq=45.02 MHz
phase=7200.0 deg
REFL_A2Q
freq=45.02 MHz
phase=7290.0 deg
REFL_BDC
DC
REFL_B1I
freq=16.88 MHz
phase=2699.9 deg
REFL_B1Q
freq=16.88 MHz
phase=2789.9 deg
REFL_B2I
freq=45.02 MHz
phase=7200.0 deg
REFL_B2Q
freq=45.02 MHz
phase=7290.0 deg
BS
Chr=1/Inf m
Thr=50.00 %
blA→bk
26.6650 m
bk→blB
26.6650 m
frA→bk
23.3350 m
bk→frB
23.3350 m
bkB→frB
15.7386 m
frA→bkA
15.7386 m
frA
frB
BS_BSMA
DC
BS_BSMB
DC
ITMX
Chr=1/1900.0 m
Thr=0.40 %
ITMY
Chr=1/1900.0 m
Thr=0.40 %
SR3
Chr=1/24.9 m
Thr=0.00 %
fr→fr
3000.0000 m
fr
ITMX_BSM
DC
ITMY_BSM
DC
SR3_BSMA
DC
SR3_BSMB
DC
ETMX
Chr=1/1900.0 m
Thr=0.00 %
ETMY
Chr=1/1900.0 m
Thr=0.00 %
SR2
Chr=1/-3.0 m
Thr=0.00 %
frB→frB
11.1115 m
frA→frA
11.1115 m
bk→in
0.0000 m
ETMX_BSM
DC
ETMY_BSM
DC
SR2_BSMA
DC
SR2_BSMB
DC
AttTRX
loss=0.97
AttTRY
loss=0.97
SRM
Chr=1/458.1 m
Thr=15.36 %
frB→fr
14.7412 m
fr→frA
14.7412 m
frA
frB
SRM_BSM
DC
TRXHALF
Chr=1/Inf m
Thr=50.00 %
TRYHALF
Chr=1/Inf m
Thr=50.00 %
ASSPLIT
Chr=1/Inf m
Thr=1.00 %
fr→in
0.0000 m
bk→in
0.0000 m
GouyTRXA
GouyTRXB
GouyTRYA
GouyTRYB
AttAS
loss=0.00
TRXA
loss=1.00
TRXB
loss=1.00
TRYA
loss=1.00
TRYB
loss=1.00
ASHALF
Chr=1/Inf m
Thr=50.00 %
TRX_ADC
DC
TRX_BDC
DC
TRY_ADC
DC
TRY_BDC
DC
GouyASA
GouyASB
ASA
loss=1.00
ASB
loss=1.00
AS_ADC
DC
AS_A1I
freq=16.88 MHz
phase=2700.0 deg
AS_A1Q
freq=16.88 MHz
phase=2790.0 deg
AS_BDC
DC
AS_B1I
freq=16.88 MHz
phase=2700.0 deg
AS_B1Q
freq=16.88 MHz
phase=2790.0 deg