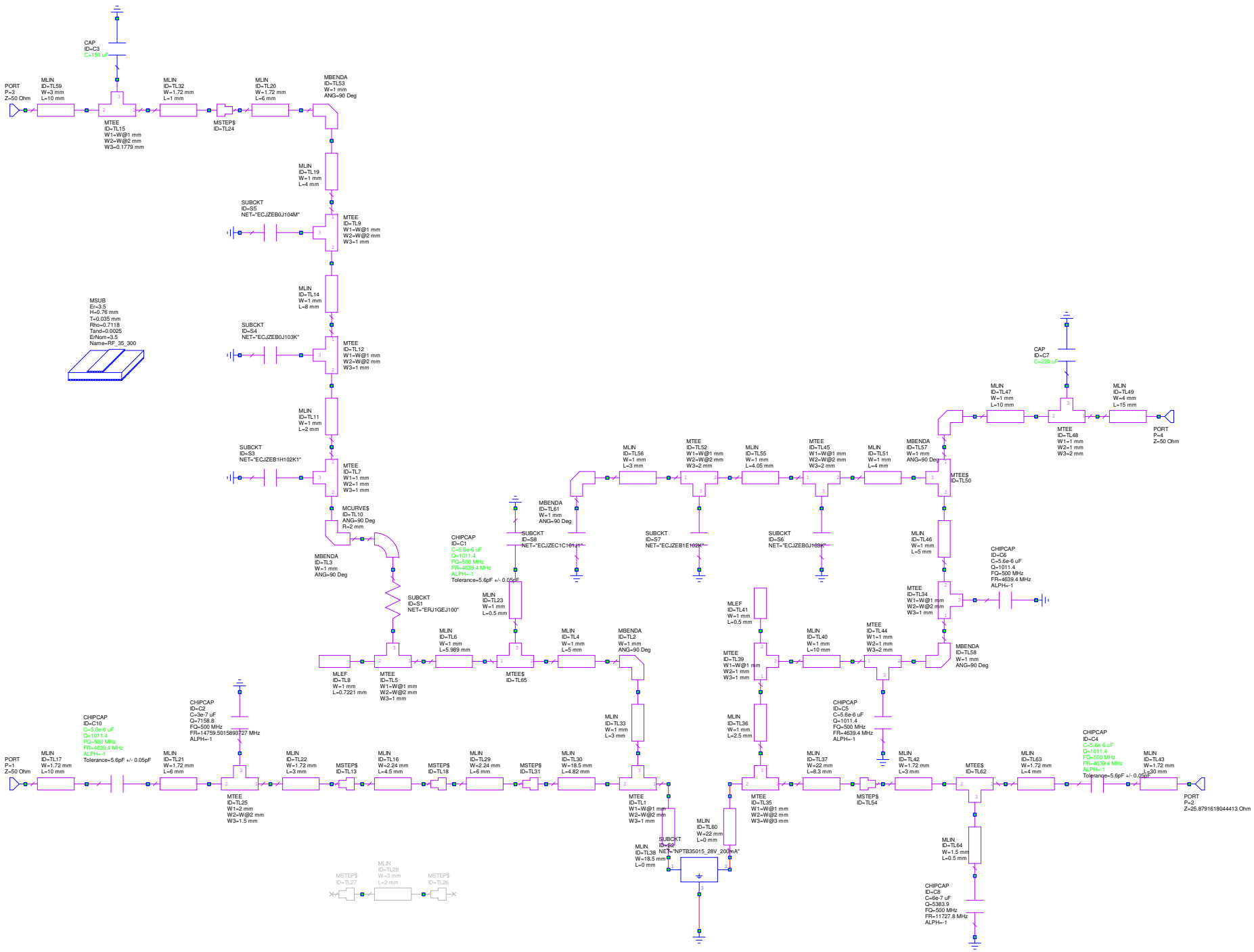
PORT
P=3
Z=50 Ohm
MLIN
ID=TL59
W=3 mm
L=10 mm
CAP
ID=C3
C=150 uF
MTEE
ID=TL15
W1=W@1 mm
W2=W@2 mm
W3=0.1779 mm
MLIN
ID=TL32
W=1.72 mm
L=1 mm
MSTEP$
ID=TL24
MLIN
ID=TL20
W=1.72 mm
L=6 mm
MBENDA
ID=TL53
W=1 mm
ANG=90 Deg
MLIN
ID=TL19
W=1 mm
L=4 mm
SUBCKT
ID=S5
NET="ECJZEB0J104M"
MTEE
ID=TL9
W1=W@1 mm
W2=W@2 mm
W3=1 mm
MLIN
ID=TL14
W=1 mm
L=8 mm
SUBCKT
ID=S4
NET="ECJZEB0J103K"
MTEE
ID=TL12
W1=W@1 mm
W2=W@2 mm
W3=1 mm
MLIN
ID=TL11
W=1 mm
L=2 mm
SUBCKT
ID=S3
NET="ECJZEB1H102K1"
MTEE
ID=TL7
W1=1 mm
W2=1 mm
W3=1 mm
MSUB
Er=3.5
H=0.76 mm
T=0.035 mm
Rho=0.7118
Tand=0.0025
ErNom=3.5
Name=RF_35_300
MCURVE$
ID=TL10
ANG=90 Deg
R=2 mm
MBENDA
ID=TL3
W=1 mm
ANG=90 Deg
SUBCKT
ID=S1
NET="ERJ1GEJ100"
MLEF
ID=TL8
W=1 mm
L=0.7221 mm
MTEE
ID=TL5
W1=W@1 mm
W2=W@2 mm
W3=1 mm
MLIN
ID=TL6
W=1 mm
L=5.989 mm
MTEE$
ID=TL65
MLIN
ID=TL4
W=1 mm
L=5 mm
MBENDA
ID=TL2
W=1 mm
ANG=90 Deg
MLIN
ID=TL33
W=1 mm
L=3 mm
MTEE
ID=TL1
W1=W@1 mm
W2=W@2 mm
W3=1 mm
MLIN
ID=TL38
W=18.5 mm
L=0 mm
SUBCKT
ID=S2
NET="NPTB35015_28V_200mA"
MLIN
ID=TL60
W=22 mm
L=0 mm
MTEE
ID=TL35
W1=W@1 mm
W2=W@2 mm
W3=W@3 mm
MLIN
ID=TL36
W=1 mm
L=2.5 mm
MTEE
ID=TL39
W1=W@1 mm
W2=1 mm
W3=1 mm
MLEF
ID=TL41
W=1 mm
L=0.5 mm
MLIN
ID=TL40
W=1 mm
L=10 mm
MTEE
ID=TL44
W1=1 mm
W2=1 mm
W3=2 mm
MBENDA
ID=TL58
W=1 mm
ANG=90 Deg
MLIN
ID=TL37
W=22 mm
L=8.3 mm
MSTEP$
ID=TL54
MLIN
ID=TL42
W=1.72 mm
L=3 mm
MTEE$
ID=TL62
MLIN
ID=TL64
W=1.5 mm
L=0.5 mm
CHIPCAP
ID=C8
C=6e-7 uF
Q=5383.9
FQ=500 MHz
FR=11727.8 MHz
ALPH=-1
MLIN
ID=TL63
W=1.72 mm
L=4 mm
CHIPCAP
ID=C4
C=5.6e-6 uF
Q=1011.4
FQ=500 MHz
FR=4639.4 MHz
ALPH=-1
Tolerance=5.6pF +/- 0.05pF
MLIN
ID=TL43
W=1.72 mm
L=30 mm
PORT
P=2
Z=25.8791618044413 Ohm
MBENDA
ID=TL61
W=1 mm
ANG=90 Deg
SUBCKT
ID=S8
NET="ECJZEC1C101J1"
CHIPCAP
ID=C1
C=5.6e-6 uF
Q=1011.4
FQ=500 MHz
FR=4639.4 MHz
ALPH=-1
Tolerance=5.6pF +/- 0.05pF
MLIN
ID=TL23
W=1 mm
L=0.5 mm
MLIN
ID=TL56
W=1 mm
L=3 mm
MTEE
ID=TL52
W1=W@1 mm
W2=W@2 mm
W3=2 mm
SUBCKT
ID=S7
NET="ECJZEB1E102K"
MLIN
ID=TL55
W=1 mm
L=4.05 mm
MTEE
ID=TL45
W1=W@1 mm
W2=W@2 mm
W3=2 mm
SUBCKT
ID=S6
NET="ECJZEB0J103K"
MLIN
ID=TL51
W=1 mm
L=4 mm
MBENDA
ID=TL57
W=1 mm
ANG=90 Deg
MTEE$
ID=TL50
MLIN
ID=TL46
W=1 mm
L=5 mm
MTEE
ID=TL34
W1=W@1 mm
W2=W@2 mm
W3=1 mm
CHIPCAP
ID=C6
C=5.6e-6 uF
Q=1011.4
FQ=500 MHz
FR=4639.4 MHz
ALPH=-1
CAP
ID=C7
C=220 uF
MLIN
ID=TL47
W=1 mm
L=10 mm
MTEE
ID=TL48
W1=1 mm
W2=1 mm
W3=2 mm
MLIN
ID=TL49
W=4 mm
L=15 mm
PORT
P=4
Z=50 Ohm
CHIPCAP
ID=C5
C=5.6e-6 uF
Q=1011.4
FQ=500 MHz
FR=4639.4 MHz
ALPH=-1
PORT
P=1
Z=50 Ohm
MLIN
ID=TL17
W=1.72 mm
L=10 mm
CHIPCAP
ID=C10
C=5.6e-6 uF
Q=1011.4
FQ=500 MHz
FR=4639.4 MHz
ALPH=-1
Tolerance=5.6pF +/- 0.05pF
MLIN
ID=TL21
W=1.72 mm
L=6 mm
CHIPCAP
ID=C2
C=3e-7 uF
Q=7158.8
FQ=500 MHz
FR=14759.501589327 MHz
ALPH=-1
MTEE
ID=TL25
W1=2 mm
W2=W@2 mm
W3=1.5 mm
MLIN
ID=TL22
W=1.72 mm
L=3 mm
MSTEP$
ID=TL13
MLIN
ID=TL16
W=2.24 mm
L=4.5 mm
MSTEP$
ID=TL18
MLIN
ID=TL29
W=2.24 mm
L=6 mm
MSTEP$
ID=TL31
MLIN
ID=TL30
W=18.5 mm
L=4.82 mm
MSTEP$
ID=TL27
MLIN
ID=TL28
W=3 mm
L=2 mm
MSTEP$
ID=TL26