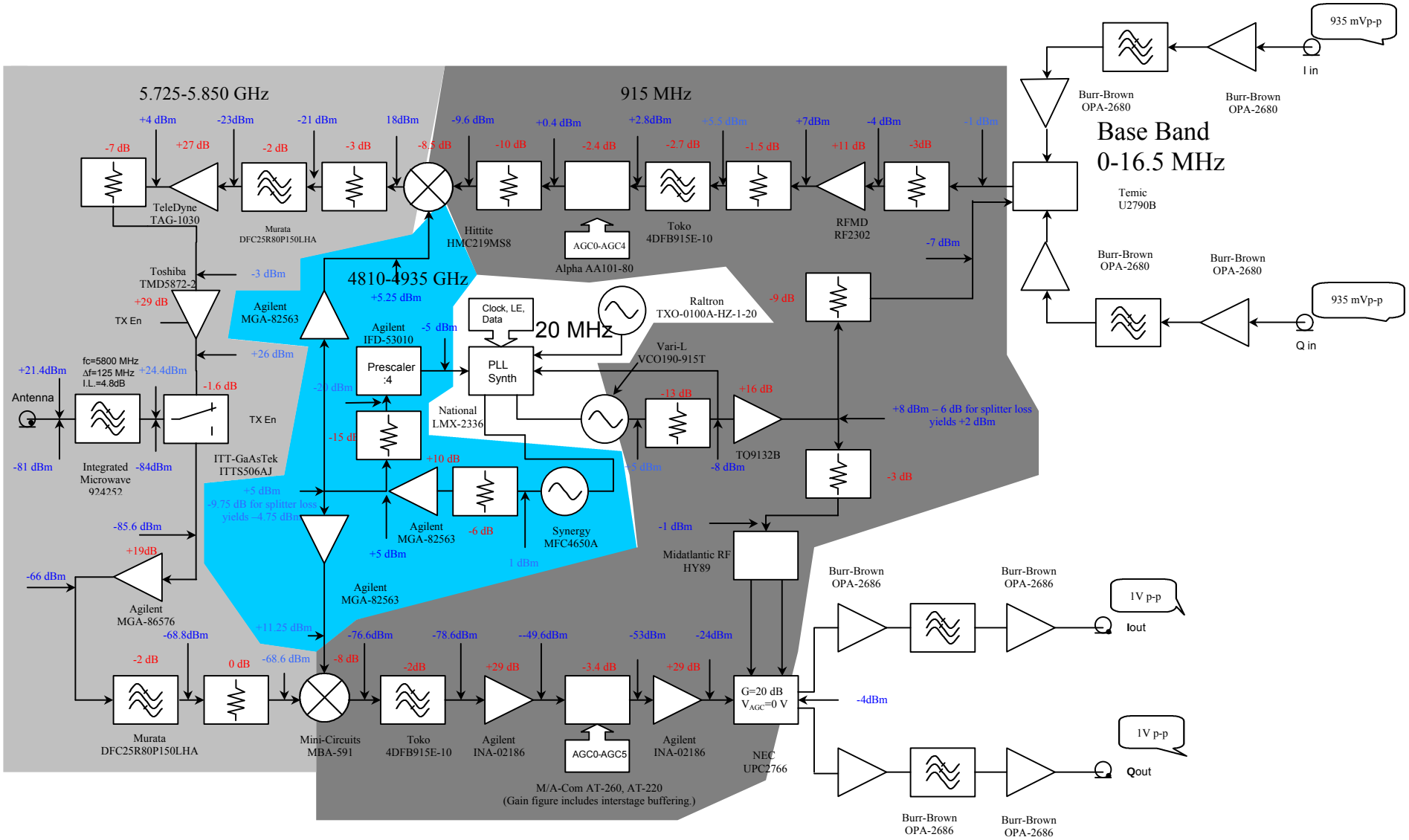
5.725-5.850 GHz
915 MHz
Base Band
0-16.5 MHz
4810-4935 GHz
20 MHz
+4 dBm
-23dBm
-21 dBm
18dBm
-9.6 dBm
+0.4 dBm
+2.8dBm
+5.5 dBm
+7dBm
-4 dBm
-1 dBm
-7 dB
+27 dB
-2 dB
-3 dB
-8.5 dB
-10 dB
-2.4 dB
-2.7 dB
-1.5 dB
+11 dB
-3dB
TeleDyne
TAG-1030
Murata
DFC25R80P150LHA
Hittite
HMC219MS8
AGC0-AGC4
Alpha AA101-80
Toko
4DFB915E-10
RFMD
RF2302
Temic
U2790B
Burr-Brown
OPA-2680
935 mVp-p
I in
Q in
-7 dBm
Toshiba
TMD5872-2
-3 dBm
+29 dB
TX En
Agilent
MGA-82563
+5.25 dBm
Agilent
IFD-53010
-5 dBm
Clock, LE,
Data
Raltron
TXO-0100A-HZ-1-20
-9 dB
+26 dBm
Prescaler
:4
PLL
Synth
Vari-L
VCO190-915T
+21.4dBm
fc=5800 MHz
Δf=125 MHz
I.L.=4.8dB
+24.4dBm
-1.6 dB
Antenna
TX En
-20 dBm
-15 dB
National
LMX-2336
-13 dB
+16 dB
+8 dBm – 6 dB for splitter loss
yields +2 dBm
TO9132B
-81 dBm
Integrated
Microwave
924252
-84dBm
ITT-GaAsTek
ITTS506AJ
+10 dB
-5 dBm
-8 dBm
-3 dB
+5 dBm
-9.75 dB for splitter loss
yields –4.75 dBm
Agilent
MGA-82563
-6 dB
Synergy
MFC4650A
-1 dBm
-85.6 dBm
+19dB
-66 dBm
Agilent
MGA-86576
+5 dBm
1 dBm
Midatlantic RF
HY89
Agilent
MGA-82563
Burr-Brown
OPA-2686
1V p-p
Iout
+11.25 dBm
-68.8dBm
-76.6dBm
-78.6dBm
--49.6dBm
-53dBm
-24dBm
-2 dB
0 dB
-68.6 dBm
-8 dB
-2dB
+29 dB
-3.4 dB
+29 dB
G=20 dB
V_{AGC}=0 V
-4dBm
Qout
Murata
DFC25R80P150LHA
Mini-Circuits
MBA-591
Toko
4DFB915E-10
Agilent
INA-02186
AGC0-AGC5
Agilent
INA-02186
NEC
UPC2766
M/A-Com AT-260, AT-220
(Gain figure includes interstage buffering.)