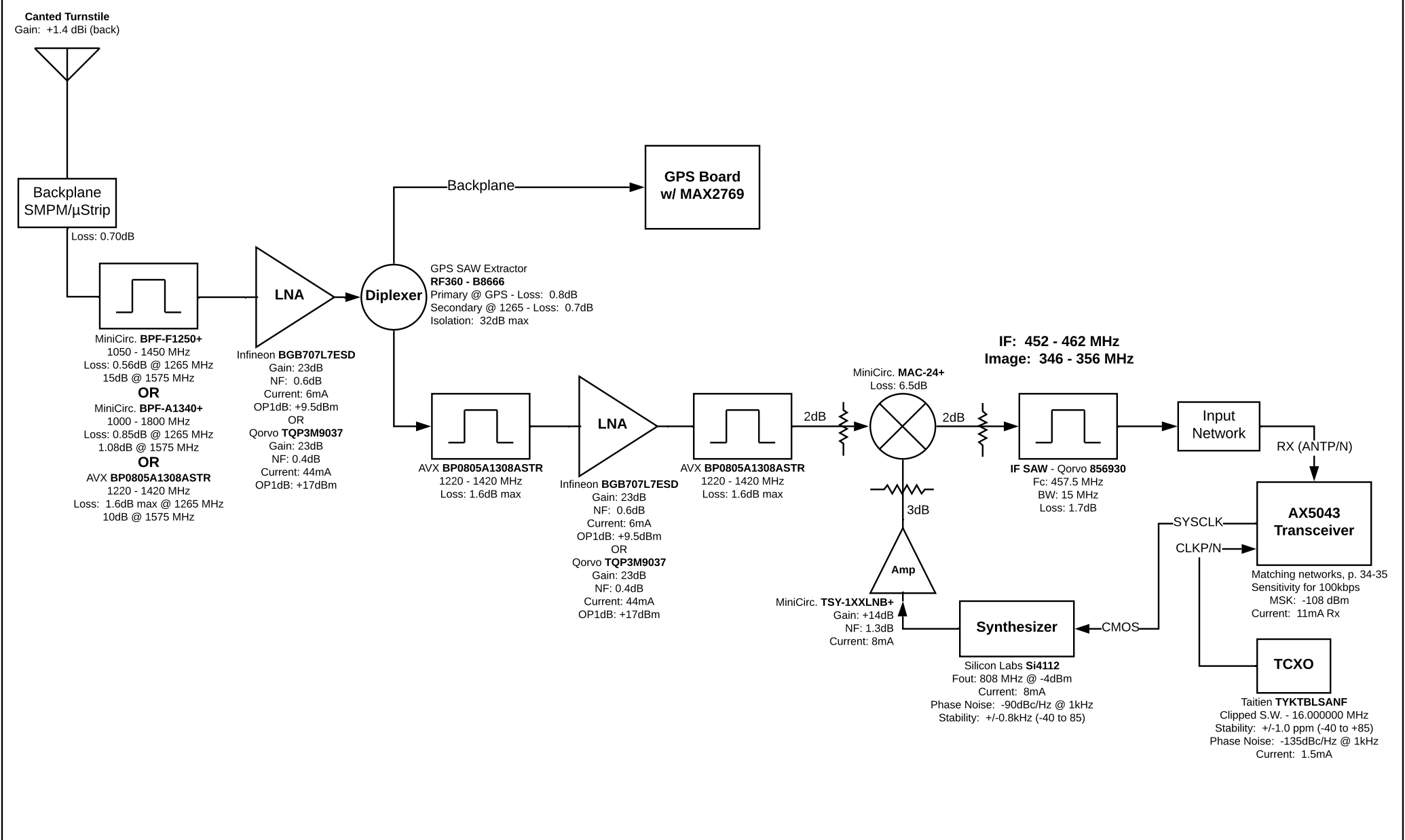


Direction	PA (W)	G.S. (dBm)	Link Loss (dB)	S/C (dBm)	G/T (dB/K)
Uplink	10.0 @ G.S.	+54.2 EIRP	159.8 @ 10°	-105.3 Isotropic	-23.8 @ S/C



- Notes:**
- Power stepped down to 3.3V from 7.2V bus with switching regulator
 - All powered devices use 2.7V LDOs, except for the TCXO which uses 1.8V
 - Alternative Qorvo LNA requires at least 3.3V
 - Noise figure and gain values are from de-embedded specs
 - For link models see GitHub (oresat-c3-rf/link-models)

L band Front-End Receiver on S/C	
Primary uplink & GPS Receiver	
Operating Freq: 1260 - 1270 MHz & 1575 MHz	
Date: 2019-09-14	Rev: 3.0