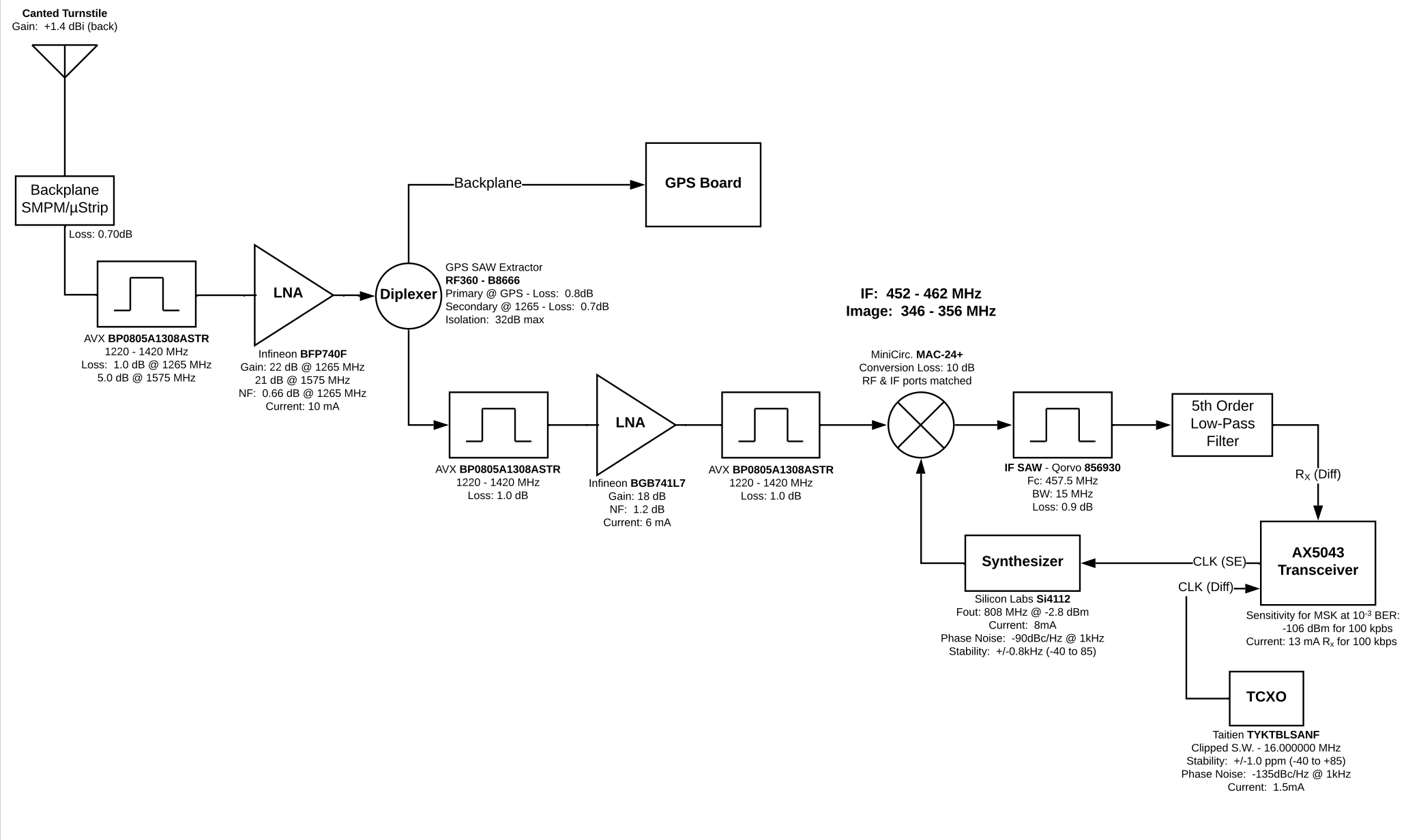


| Direction | PA (W)      | G.S. (dBm) | Link Loss (dB) | S/C (dBm)        | G/T (dB/K)  |
|-----------|-------------|------------|----------------|------------------|-------------|
| Uplink    | 10.0 @ G.S. | +54.2 EIRP | 159.8 @ 10°    | -105.3 Isotropic | -23.8 @ S/C |



- 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
  - For link models see GitHub (oresat-c3-rf/link-models)

| L band Receiver on S/C                     |          |
|--|----------|
| Primary uplink & GPS front-end             |          |
| Operating Freq: 1260 - 1270 MHz & 1575 MHz |          |
| Date: 2020-02-01                           | Rev: 4.1 |