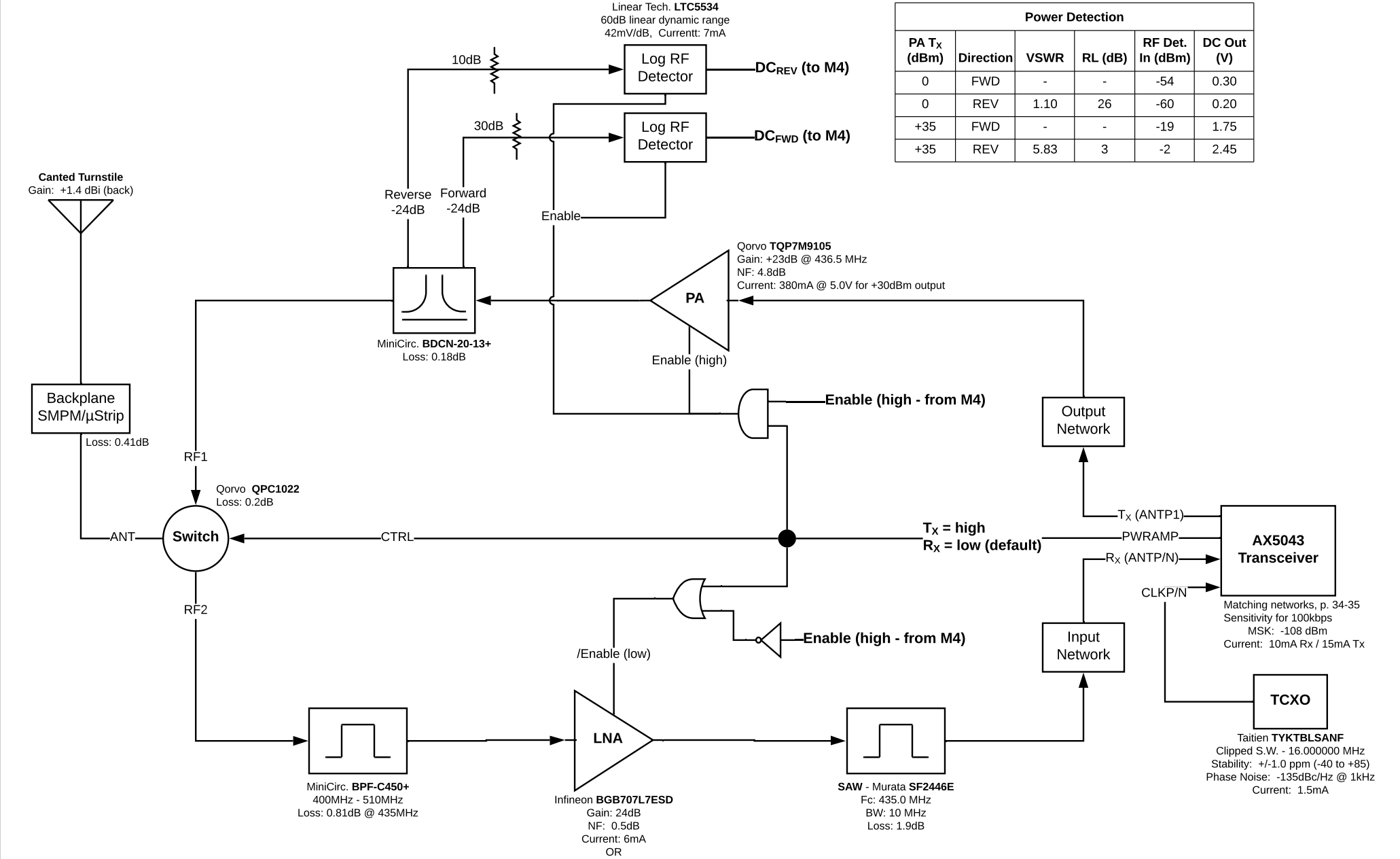


Direction	PA (W)	G.S. (dBm)	Link Loss (dB)	S/C (dBm)	G/T (dB/K)
Uplink	2.0 @ G.S.	+45.9 EIRP	150.7 @ 10°	-104.5 Isotropic	-23.5 @ S/C
Downlink	1.0 @ S/C	-119.8 Isotropic	150.7 @ 10°	+30.6 EIRP	-12.2 @ G.S.



- Notes:
- Power stepped down to 3.3V/5.0V from 7.2V bus with switching regulator
 - All powered devices, excluding PA, use 2.7V LDOs, except for the TCXO which uses 1.8V
 - Noise figure and gain values are from de-embedded specs
 - For link models see GitHub (oresat-c3-rf/link-models)

70cm Front-End Transceiver on S/C	
Primary downlink & secondary uplink	
Operating Freq: 435 - 438 MHz	
Date: 2019-09-14	Rev: 3.0