Direction F	PA (W)	G/T (dB/K)	G.S. (dBm)	S/C (dBm)										
) @ G.S.	-23.9	+45.9 EIRP	-104.5 Isotropic										
	0 @ S/C	-12.2	-119.8 Isotropic	+30.6 EIRP										
Down III	7 @ 0/0	12.2	113.0 1301100110	100.0 21111		_inear Tech. LTC55								
						dB linear dynamic r 42mV/dB, Ic = 7m	nA			Power De	tection			
				10dB 🕏		Shutdown = 0.1µA		PA T _X (dBm)	Direction	VSWR	RL (dB)	RF Det. In (dBm)	DC Out (V)	
				1005	-	Detector	DC _{REV} (to M4)	0	FWD	-	-	-54	0.30	
				'				0	REV	1.10	26	-60	0.20	
				30dB	\{ \ \	Log RF	DC _{FWD} (to M4)	+35	FWD	-	-	-19	1.75	
					7	Detector		+35	REV	5.83	3	-2	2.45	
	ack) ip 0.41dB F ANT Sv	Qorvo QF Loss: 0.2d	PC1022	Reverse Forward -24dB -24dB MiniCirc. BDCN-20-13+ Loss: 0.18dB Atp Linear Tech Delay on falling Id =	Enable LTC6994-1 edge (T _x -> R _x)	Gain: +2 NF: 4.86 Ic = 850 (based c) Shutdov	QP7M9106 26dB @ 436.5 MHz 3B mA @ +33dBm on 940MHz) vn = ? mA 3dB? Enable (high - from Δt _{Rise} Linear Tech. Delay on ris Id = 70μA	M4) LTC6994-1 ing edge (R	e high = low (de	efault)	R>	× (ANTP1)- PWRAMP- × (ANTP/N) CLKP/N	Tran Sensitivit MSK w/o	(5043 sceiver y for 100kbps: FEC: -106 dBm
Notes:			MiniCirc. BPF- 400MHz - 510 Loss: 0.81dB @	DMHz 435MHz	Qorvo TQI Gain: NF: 0 Ic = 4! Shtdn =	P3M9036 24dB 38dB 5mA	Fc: 4 BW	urata SF244 135.0 MHz f: 10 MHz ss: 1.9dB	lee E				CMOS 1: Eval: H Stability: +/ Phase Noise	TCXO or Clipped SW 6.000 MHz ECS-TXO-3225 CMOS out -2.5 ppm (-30 to +85) : -135dBc/Hz @ 1kHz eiver on S/C
 All devices requiring power operate at 3.3V, except for the PA which requires 5V 											Primary downlink & secondary uplink Operating Freq: 435 - 438 MHz			
		itHub (oresa	at-c3-rf/link-model	s)									-	
											Dat	e: 2019-0	06-04	Rev: 2.2