



*Table 2: PA MATCHING NETWORK

Oper. Band	Components Values				
	L1 (nH)	L2 (nH)	C1 (pF)	C3 (pF)	C5 (pF)
315MHz	560	75	390	5.1	390
433MHz	470	43	270	4.7	270
868MHz	330	18	43	1.5	39
915MHz	270	15	43	1.5	33

*Table 3: LOOP FILTER

Oper. Band	Components Values					Test Conditions
	C12 (pF)	C13 (pF)	C15 (pF)	R2 (Ohms)	R3 (Ohms)	
315MHz	5600	120	75	15k	7.5k	Icp = 0.5 mA Ref. Freq = 409.6 kHz Bit Rate = 19.2 kHz
433MHz	5600	120	75	15k	7.5k	
868MHz	5600	120	75	15k	7.5k	
915MHz	5600	120	75	15k	7.5k	

		TEXAS INSTRUMENTS INCORPORATED	
APPROVALS	DATE	ELECTRONIC SCHEMATIC DIAGRAM, TRF4903 REFERENCE EVB - OOK	
DRAWN KHANH NGUYEN	07/15/2003		
ENGINEER KHANH NGUYEN	07/15/2003	SIZE C	DWG. NO.
CHECKED BY (Checked By)	07/15/2003	TRF4903 R1.0	
SCALE: NONE		Trf4903 OOK EVB revR10.sch Tue Mar 01, 2005 16:02:12	
SHEET 1 OF 1		REV. 1	