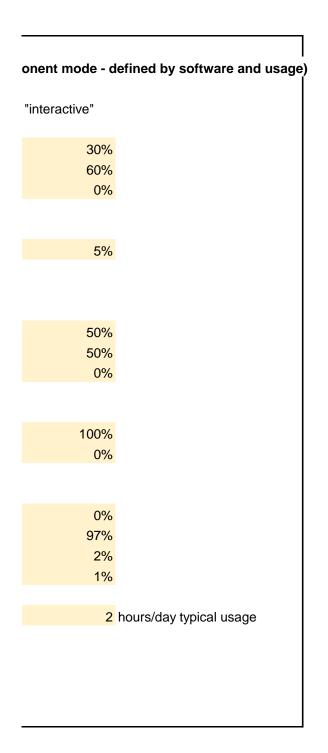
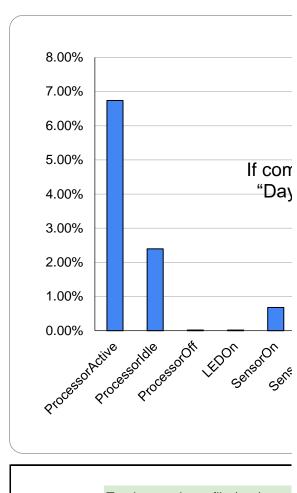
System Parameters (defined by hardware) form the datasheets			Profiles (usage of each co		
			"off"	"sensing"	
Processor					
Active	798	mW		0%	20
Idle	83.6	mW		0%	80
Sleep	0.532	mW		100%	(
LED					
On	10	mW		0%	5
Sensor					
On	37	mW		0%	50
Idle	4.95	mW		0%	50
Off	1	mW		100%	(
Display					
On	25	mW		0%	(
Off (leakage)	1	mW		100%	100
Radio					
Data Rate	300	bps		0%	(
Standby Power	3.3	mW		0%	97
TX Power	206	mW		0%	2
RX Power	55	mW		0%	•
				12	
Battery					
Capacity	2500	mAh			
Nominal Voltage	3.7	V			
Regulator Efficiency	87%				

REFLECTIONS: WHAT DID YOU LEARN FROM ANALYZING YOUR POWER. TALK ABOUT SON I estimated "days of use" by calculating the power consumption of each component and factoring in sle

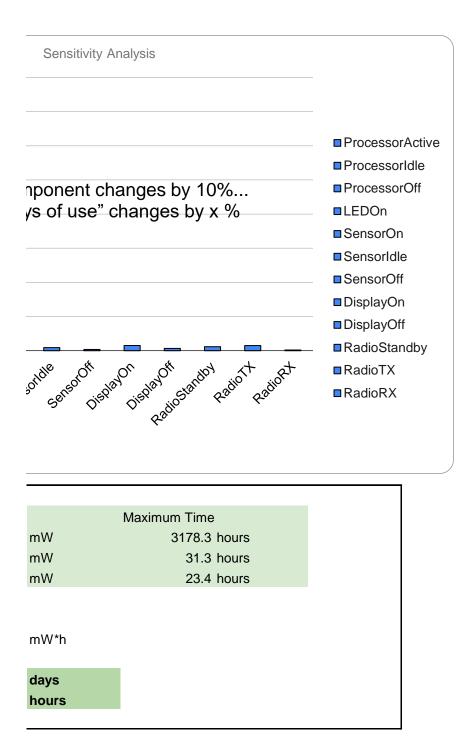




32
32
02
26
06
7.5
45
77
7

IE POTENTIAL TRADEOFFS.

ep modes and duty cycles. A 2500mAh battery seems be more than enough. Reducing GPS updates and using



I deep sleep can improve efficiency, but this may impact responsiveness in my use case. I learned that power op



