





















3-axis G-sensor					
	X-axis	Y-axis	Z-axis		
Sensitivity (mV/G)	0.53	0.28	0.20		
Non-linearity (%)	2.64	3.15	3.36		
Noise floor (mG/rtHz)	120	271	357		
Cross-axis sensitivity _X(%)		< 7.46	< 2.88		
Cross-axis sensitivity _Y(%)	<1		< 8.05		
Cross-axis sensitivity _Z (%)	< 1	< 8.33			
			*	MDL NTHU	



















































































	Energy Harvest – Coil + Rectifier					
No	Configuration	Coil Size	Output Voltage (12dBm input/100k Ω load)			
1	Coil+RF Rectifier	1×1 cm ² double layer	1.3~1.4 V			
2	Coil+RF Rectifier	2×2 cm ² single layer	1.7~1.85 V			
3	Coil+RF Rectifier	1.5×1.5 cm ² double layer	2.2~2.5 V			
	Coupling coil AC-DC Rectifier					











