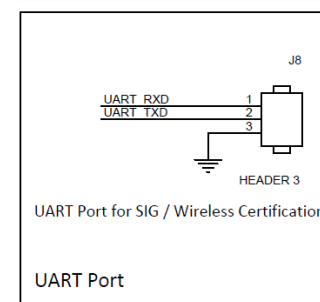
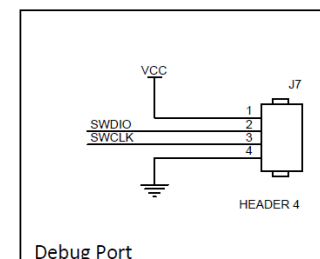
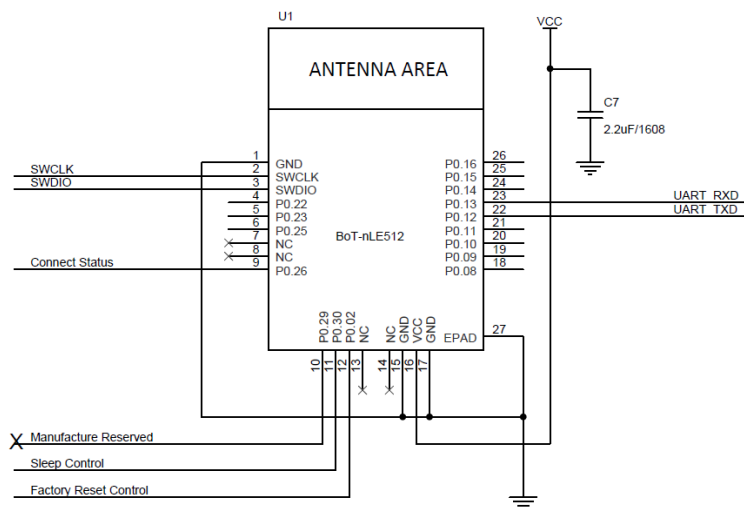
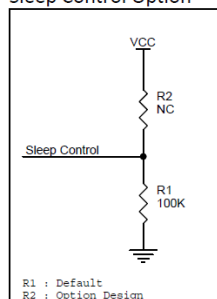


4. Application Schematic

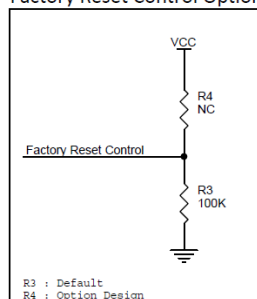
BoT-nLE512 Application



Sleep Control Option



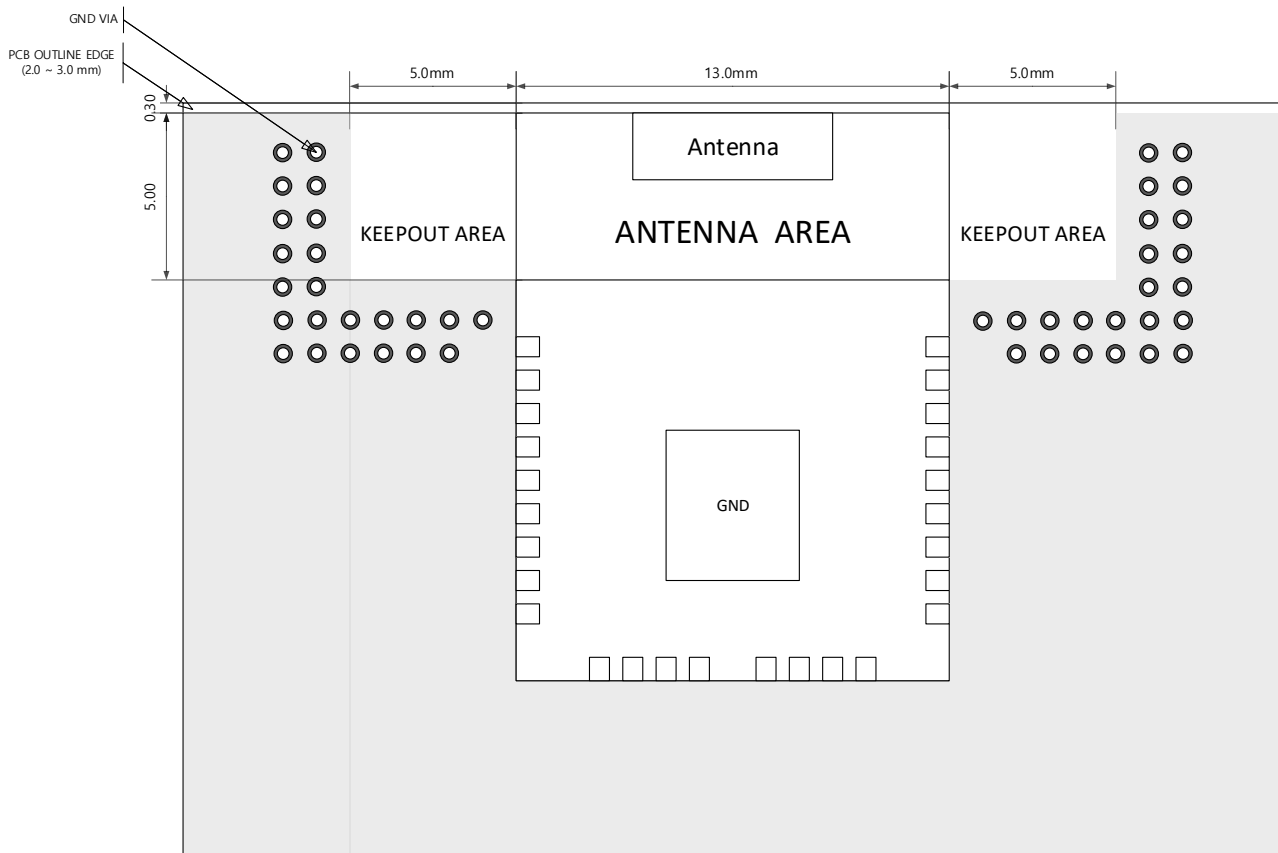
Factory Reset Control Option



Title		
BoT-nLE512 Application		
Size	Document Number	Rev
A4	BoT-nLE512 Application Schematic	0.1
Date:	Monday, November 20, 2017	Sheet 1 of 1

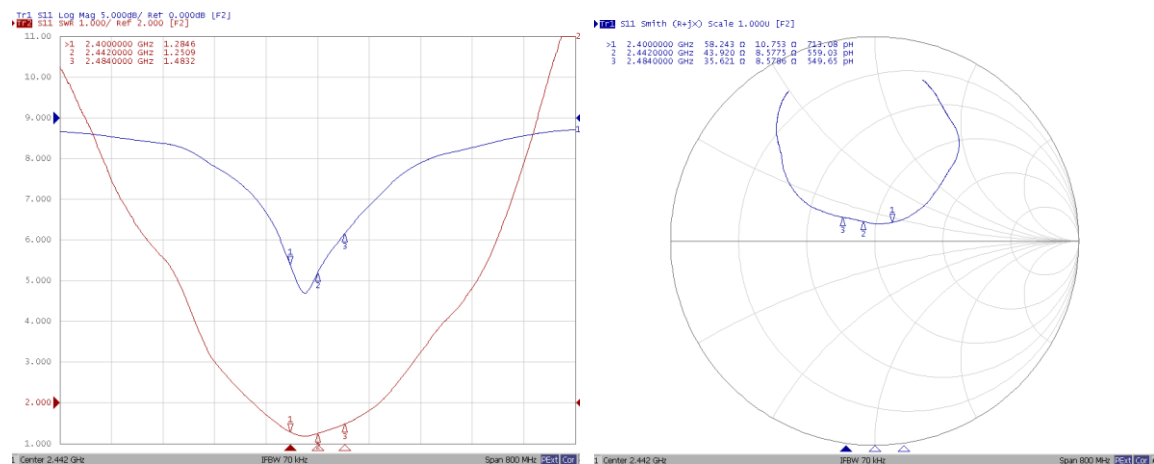
5. Antenna

5.1.1 Antenna Layout Guide



5.1.2 Antenna 특성

■ S-Parameter



Return Loss & VSWR

Smith Chart

■ Radiation Gain Table

Test No	Application	Freq (MHz)	Efficiency (%)	Avg. Gain (dBi)	Peak Gain (dBi)
#1-1	BLE	2400 MHz	69.68	-1.57	4.27
		2442 MHz	69.89	-1.56	4.59
		2485 MHz	61.15	-2.14	4.30

■ Radiation Gain

2.442GHz

