

Lumispa iO BLE Antenna Specification

Antenna Overview

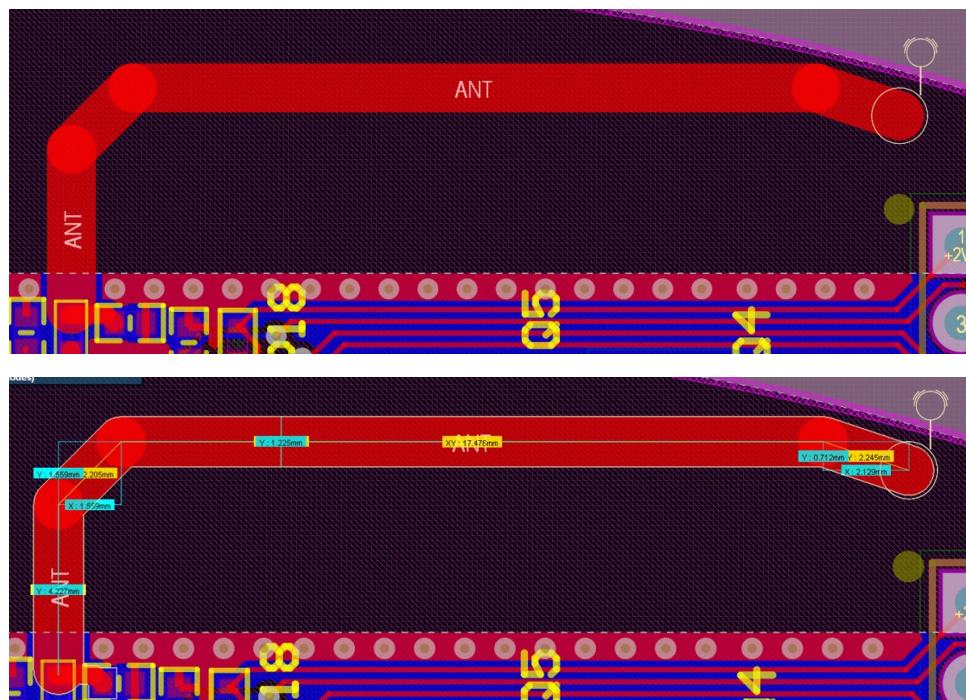
1. Surface mounted with device PCBA
3. High stability in Temperature / Humidity Change

Applications

1. 2.4GHz ISM band RF applications
2. Only for use within Lumispa iO device

Construction

Antenna is within PCB design

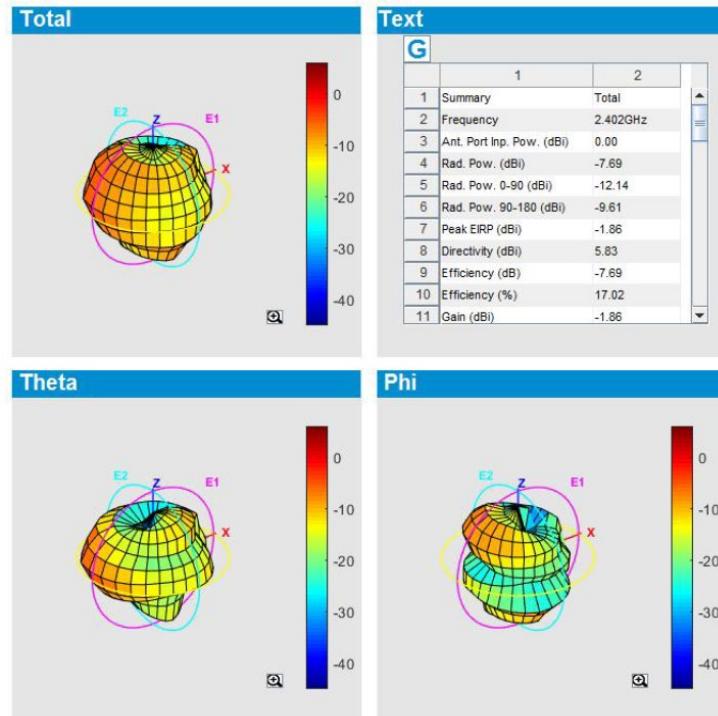


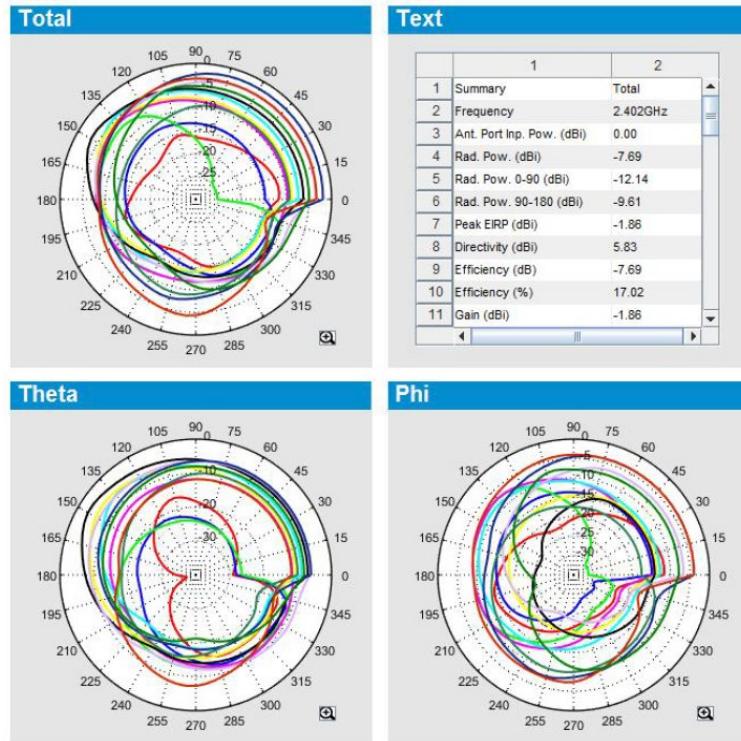
Design Information	
Working Frequency Range	
Rated RF Output Power	
Gain (dBi)	
Operating voltage	
Operation Temperature	

Specification	
2402 to 2480MHz	
less than 10 dBm EIRP	
-1.86 +0.86 dBi	
Nominal Voltage is 3.8 VDC	
+10°C to +50°C	

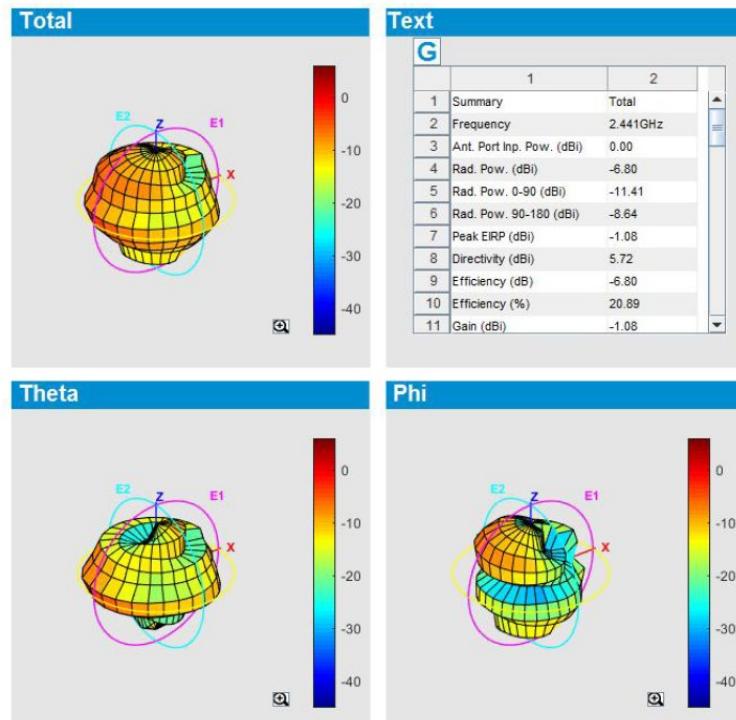
Radiation Pattern

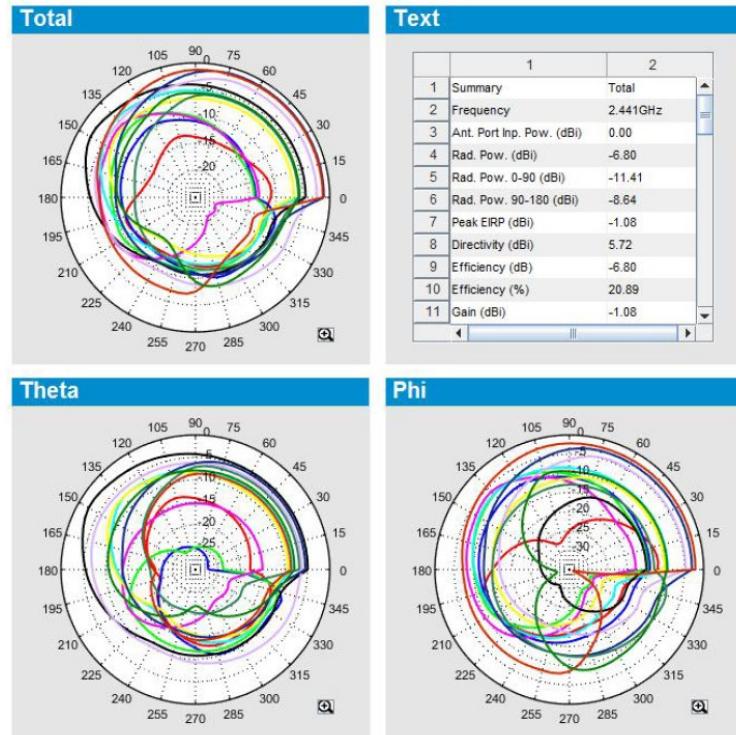
2.402G





2.441G





2.480G

