Table 1.1

For Much Link (MLD-AB1)

Remote control part (Tx)

Frequency Range	**2.4~2.48 GHz**
Antenna Type	**PIFA type** **(no diversity), single**
Nominal impedance	**50 ohm for all**
Return Loss (VSWR)	**-9.6dB (2:1)**
Matching Network	**Pi for matching circuitry**
Polarization	**Linear for all**
Radiation Pattern	**Omni-Direction as possible for all**
Efficiency(goal)	**>40 %**
Peak Gain	**+3 dBi(max) for this antenna**
Average Gain	**-6dBi H-plane/ -6dBi E1 & E2** **plane(min) for this antenna**
Interconnect cable assembly & connector	**PCB Strip TL for this antenna**

Table 1.2

For Much Link (MLD-AB1)

Device part (Rx)

Frequency Range	**2.4~2.48 GHz**
Antenna Type	**PIFA type (no diversity), single**
Nominal impedance	**50 ohm for all**
Return Loss (VSWR)	**-9.6dB (2:1)**
Matching Network	**Pi for matching circuitry**
Polarization	**Linear for all**
Radiation Pattern	**Omni-Direction as possible for all**
Efficiency(goal)	**>40 %**
Peak Gain	**+3 dBi(max) for this antenna**
Average Gain	**-6dBi H-plane/ -6dBi E1 & E2 plane(min) for this antenna**
Interconnect cable assembly & connector	**PCB Strip TL for this antenna**