

Appendix A. Antenna Requirement

➤ Standard Applicable

If directional gain of transmitting antennas is greater than 6dBi, the power shall be reduced by the same level in dB comparing to gain minus 6dBi. For the fixed point-to-point operation, the power shall be reduced by one dB for every 3 dB that the directional gain of the antenna exceeds 6 dBi. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the FCC rule.

➤ Antenna Connected Construction

The antennas type used in this product is PIFA Antenna with IPEX connector and it is considered to meet antenna requirement.

➤ Composite Antenna Gain

The antenna peak gain of EUT is more than 6 dBi. Therefore, it is must to reduce maximum peak output power limit.



Appendix B. Photographs of EUT

Please refer to Sporton report number EP0O0823 as below.