



香港商立德國際商品試驗有限公司桃園分公司

Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch

A D T

No Simultaneous SAR justification report

FCC ID: YUNAICONNMR868-00

1. Built-in transmitter

Built-in TX is a low power 11bg radio. The output power is 11dBm (12.59 mW) conducted with 2.5dBi antenna gain. The max eirp power is 22.39 mw which is below the FCC SAR exempt level.

2. Relevant antennas location

An external 3/4G USB dongle can be attached to the device.

3. External co-transmitting device

Per FCC guidance that we can assume the dongle has 1.6 W/kg SAR and apply the SAR to peak location ratio in KDB 648474 to determine simultaneous transmission SAR test exclusion or evaluation requirements. Assume the peak SAR location on the dongle is at 1 cm from the USB connector end of the dongle (measurement without including the connector).

4. Conclusion

Since the 802.11 power is below the threshold, we can assume the built-in radio SAR equal to zero. Thus, the sum of individual SAR equal 0 (for 802.11) + 1.6 (assumed max for dongle) = 1.6 W/kg. Per KDB 417063 Simultaneous SAR can be exempted.