

Technical description:

The equipment under test (EUT) is a transmitter for Wireless electronic basketball with LED screen operating at 315MHz which is operated by a crystal. The EUT is powered by two 1.5V Size AAA batteries. For more detailed features description, please refer to the user's manual.

Description	Function	Component
Antenna	Transmit modulated RF signal	ANT
Filter	Suppression of spurious emissions	C7, L4
RF power amplifier and modulation	Modulate the carrier and amplify the modulated RF signal	IC1
Crystal oscillator	Generate clock signal to modulator	CY1
MCU	Data and Power arrangement	U1

Type of the antenna: Integral Antenna

Modulation Type: ASK

Antenna Gain: 0dBi

The nominal conducted output power specified: -26.00dBm (+/- 3dB)

The nominal radiated output power (e.r.p) specified: -28.15dBm (+/- 3dB)