

## RF Specification

Frequency Range	3400~3800 MHz
Polarization	Linear, Vertical
HPBW / Horizontal	360°
HPBW / Vertical	40°
Peak Gain	5.3 dBi Max. (bend)
Efficiency	73% Min.
VSWR	2.0 Max.:1
Power Handling	2W(cw)
Impedance	50 Ohms
Connector	SMA Plug



**BEC AN42**

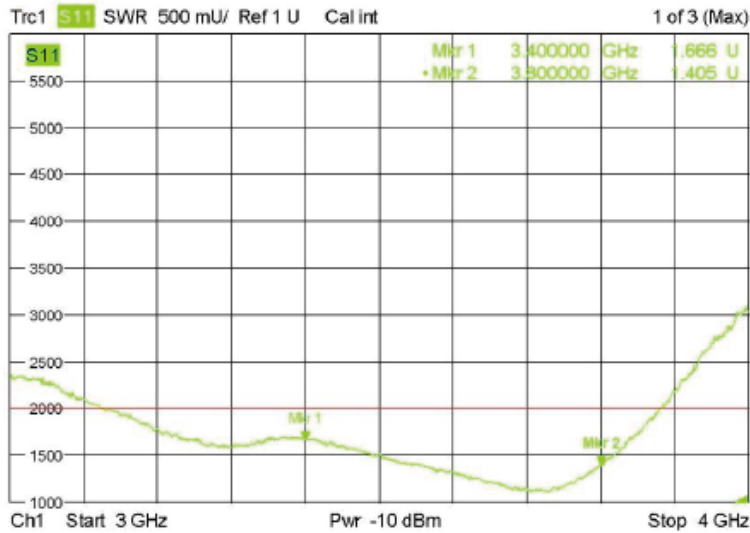
## Environment & Mechanical Information

Temperature	-10°C to +55°C (32°F to +131°F)
Humidity	95% @ 55°C
Antenna Casing (Color)	Black
Antenna Casing (Material)	PC
Weight	17g (0.03lbs)
Dimensions (L x W x OD)	5.38" x 1.44" x 0.39" (136.7 x 36.7 x 10 mm)

## Performance Summary

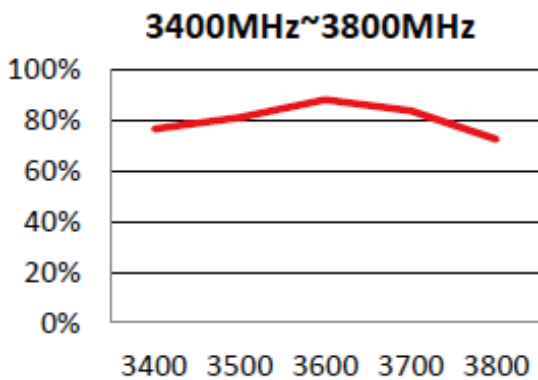
### ✓ VSWR

Frequency (MHz)	3400 ~ 3800
VSWR	2.0 Max. :1

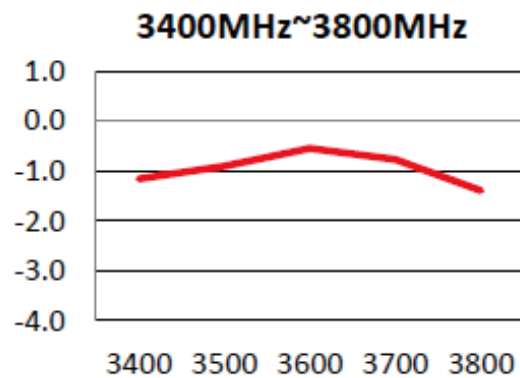


### ✓ EFFICIENCY AND AVERAGE GAIN

#### EFFICIENCY

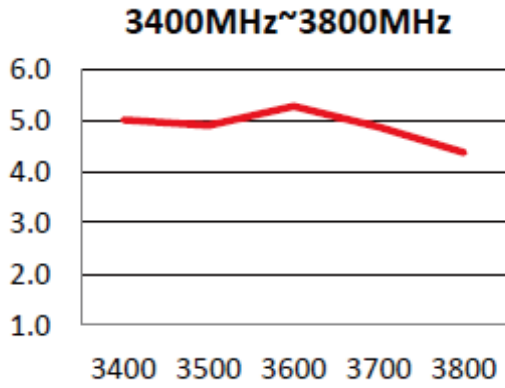


#### Average Gain



✓ **PEAK GAIN**

**Peak Gain**



✓ **RADIATION PATTERN**

XY-plane

YZ-plane

ZX-plane

- Legend**
- 3400(MHz)
  - 3500(MHz)
  - 3600(MHz)
  - 3700(MHz)
  - 3800(MHz)

