



# Smart Bijali 865 MHz

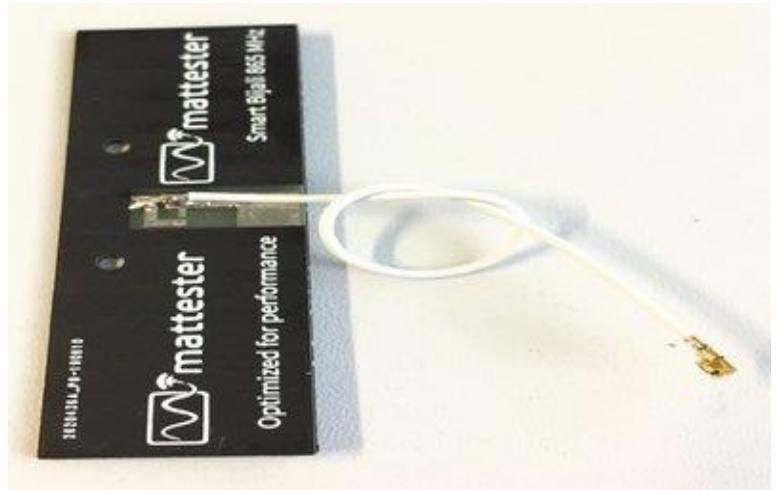
# Smart Bijali 865 MHz

## Electrical Specifications

1. Frequency: 860 – 870 MHz
2. Impedance: 50  $\Omega$

## Equipment Used

1. ETS 8050 Antenna Anechoic chamber
2. Keysite 5071C VNA (Radiation pattern Measurement)
3. Agilent 5071C VNA (Return Loss Measurement)



BAND	860-870 MHz
Frequency(MHz)	860 - 870
Max. VSWR	1.3
Max. Return loss (dB)	-17.88
Peak gain(dBi)	1.45
Efficiency(%)	85
Radiation properties	Omni-directional
Max. input power (W)	5
Polarization	Linear
Impedance(ohms)	50

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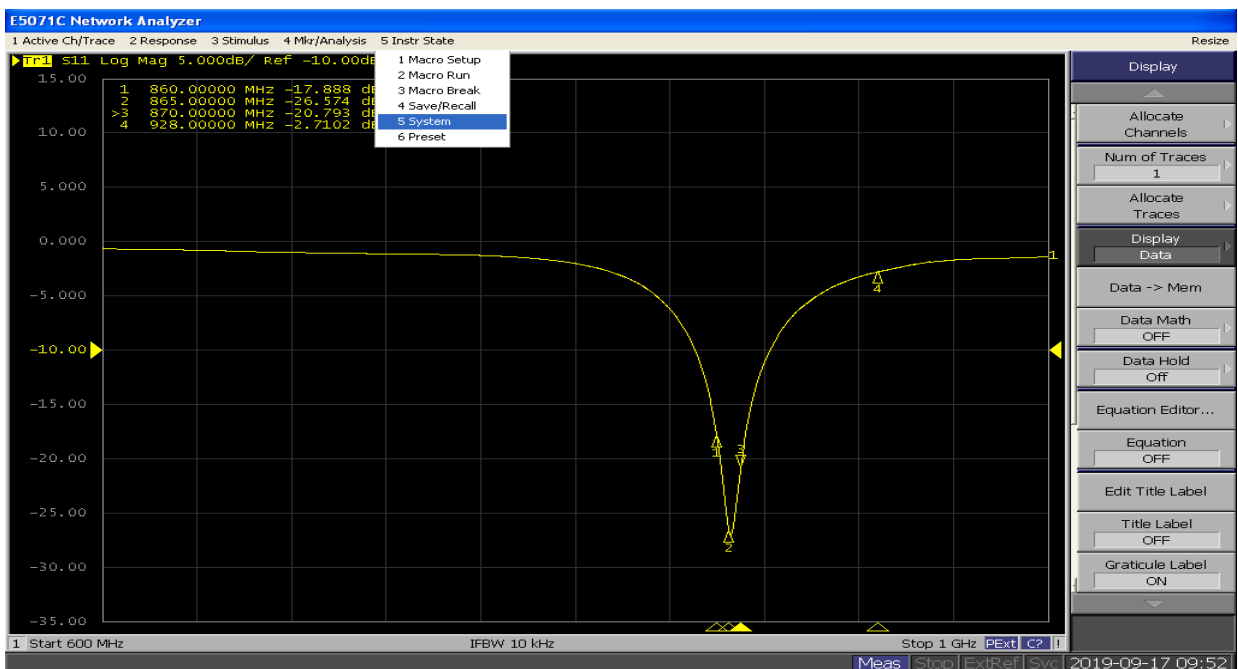
## Features

1. Ground plane independent
2. 860 – 870 MHz
3. >85% efficiency
4. 1,45 dBi Peak Gain
5. 63\*20\*1 mm size
6. Adhesive tape / Glass Mount Design
7. IPEX MHFI, UFL Compatible

## Applications

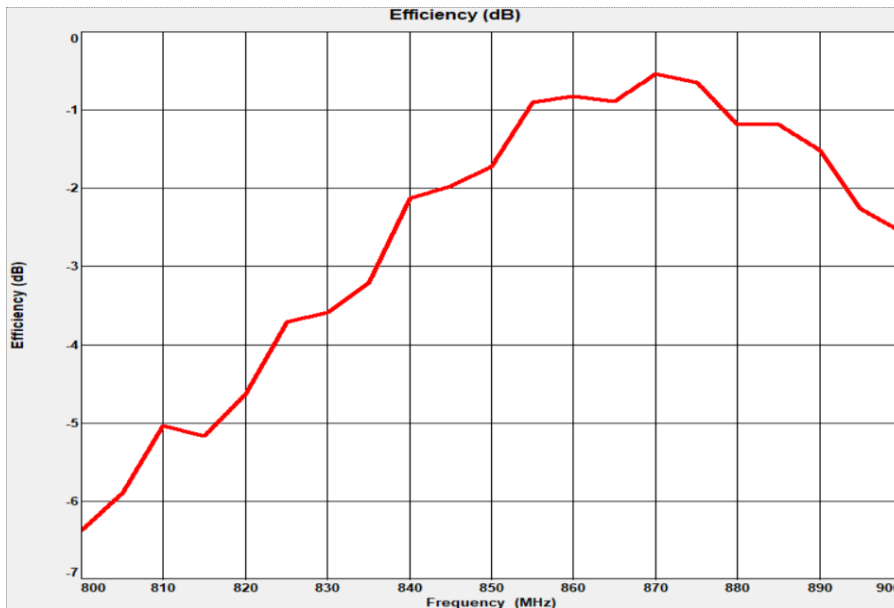
1. ISM 860-870 MHz
2. 868 MHz Antenna

## Return Loss



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## Efficiency



## Radiation Pattern

