

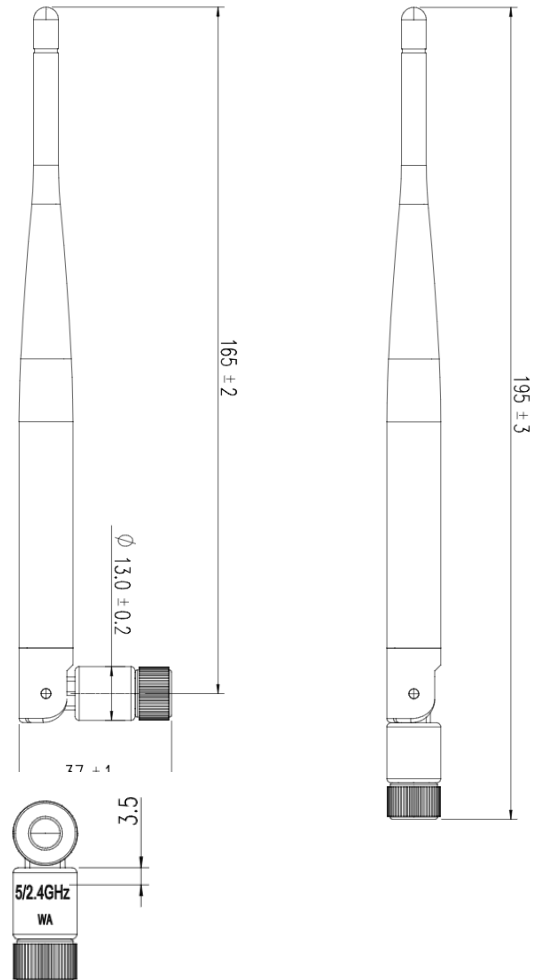


## Part: 170836-000 Wi-Fi Antenna Spec Sheet

### Specifications:

Revision: 7 Sept 2022

| A. Electrical Characteristics            |                                                                                                                                                        |
|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Frequency                                | 2400-2500 MHz<br>5150-5850 MHz                                                                                                                         |
| Gain (dBi)                               | <= 2.21 @ 2400 MHz<br><= 2.47 @ 2450 MHz<br><= 2.12 @ 2500 MHz<br><= 2.18 @ 5150 MHz<br><= 2.19 @ 5350 MHz<br><= 2.14 @ 5550 MHz<br><= 2.47 @ 5850 MHz |
| Impedance                                | 50 Ohm                                                                                                                                                 |
| B. Material & Mechanical Characteristics |                                                                                                                                                        |
| Material of Radiator                     | Brass                                                                                                                                                  |
| Connector Type                           | RP-SMA                                                                                                                                                 |
| Radome Color                             | 170836-000: Grey                                                                                                                                       |
| C. Environmental                         |                                                                                                                                                        |
| Operation Temperature                    | -20° C to +60° C                                                                                                                                       |



1111 W Jefferson St, Boise, ID 83702  
Toll Free: 855.813.3385  
Local: 208.424.5054  
Fax: 208.429.6852

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## Return Loss:

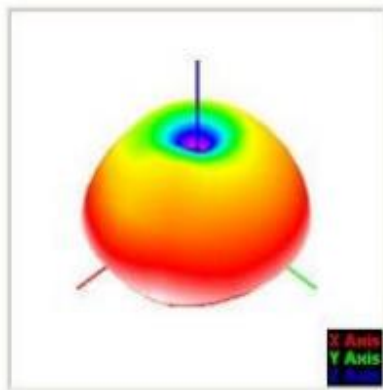


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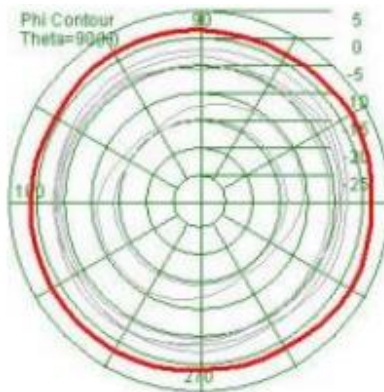
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PART OF  
**ERICSSON**

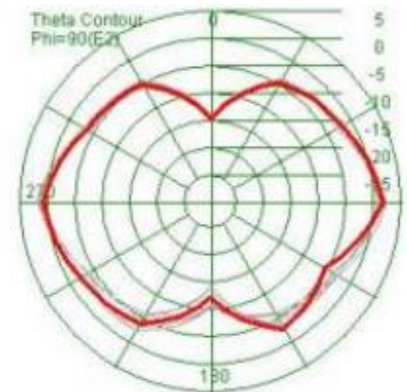
## Antenna Patterns:



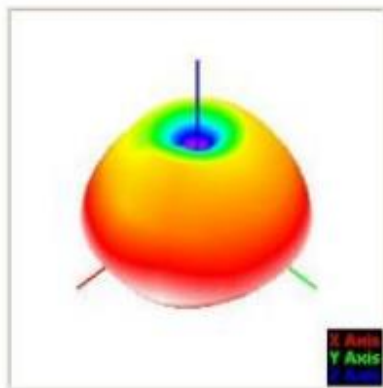
2400MHZ



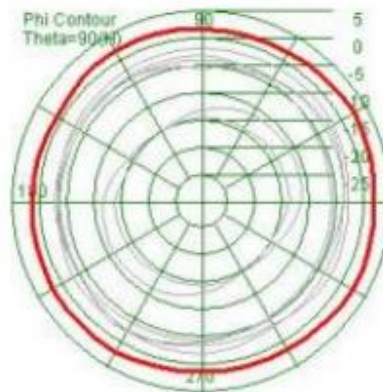
Gain(Peak):2.21dBi



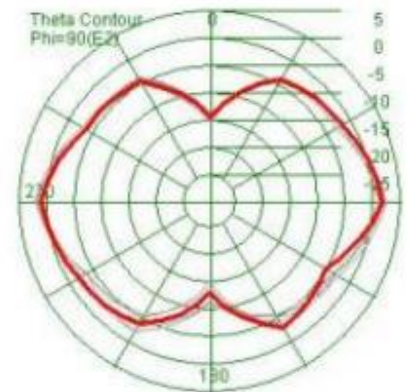
Efficiency:78.4%



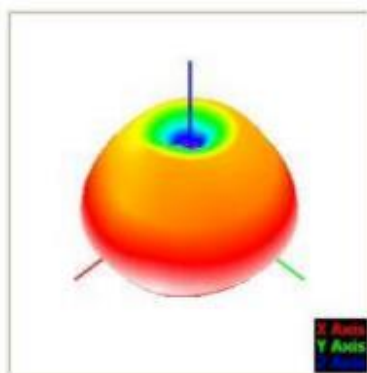
2450MHZ



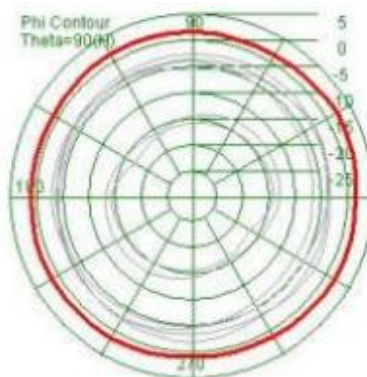
Gain(Peak):2.47dBi



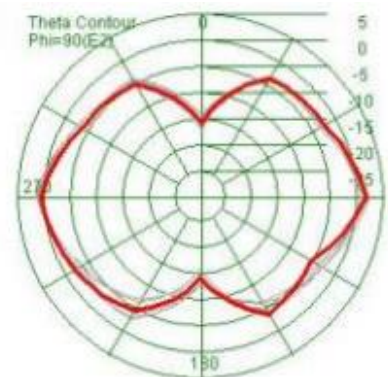
Efficiency:79.7%



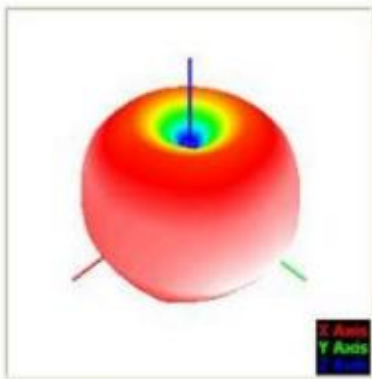
2500MHz



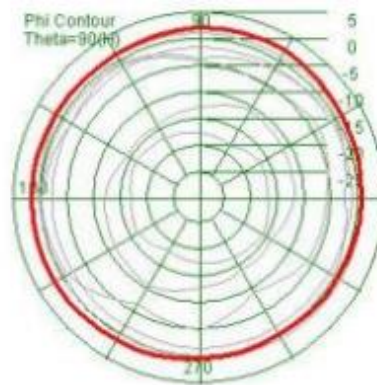
Gain(Peak):2.12dBi



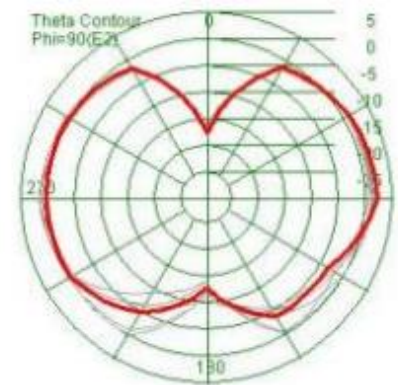
Efficiency:71.7%



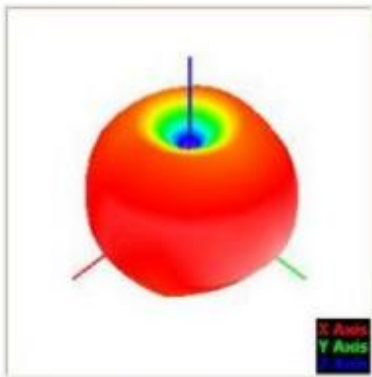
5150MHZ



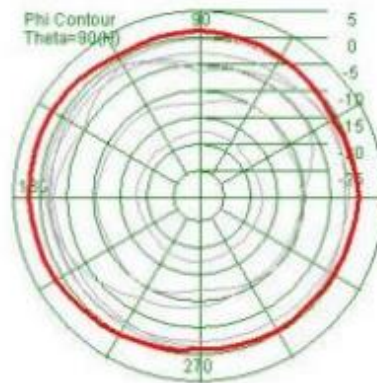
Gain(Peak):2.18dBi



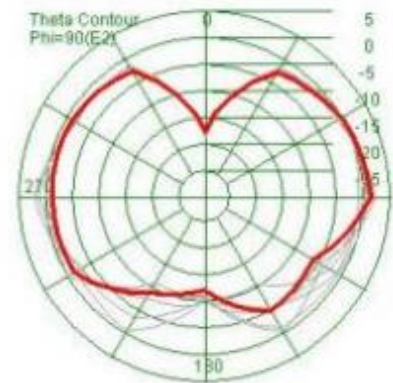
Efficiency:75.3%



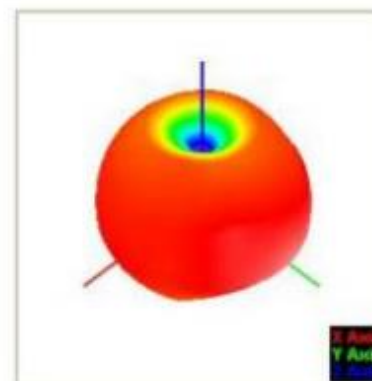
5350MHZ



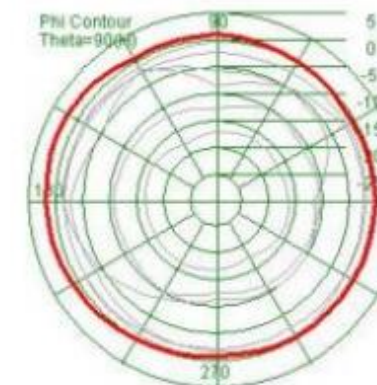
Gain(Peak):2.19dBi



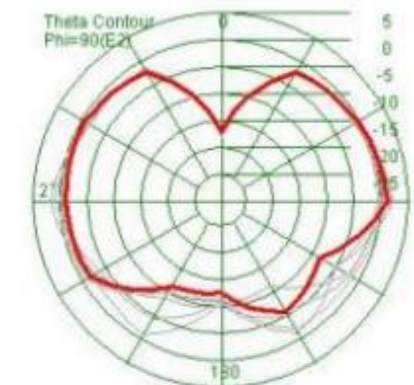
Efficiency:72.1%



5550MHZ



Gain(Peak):2.14dBi



Efficiency:72.1%