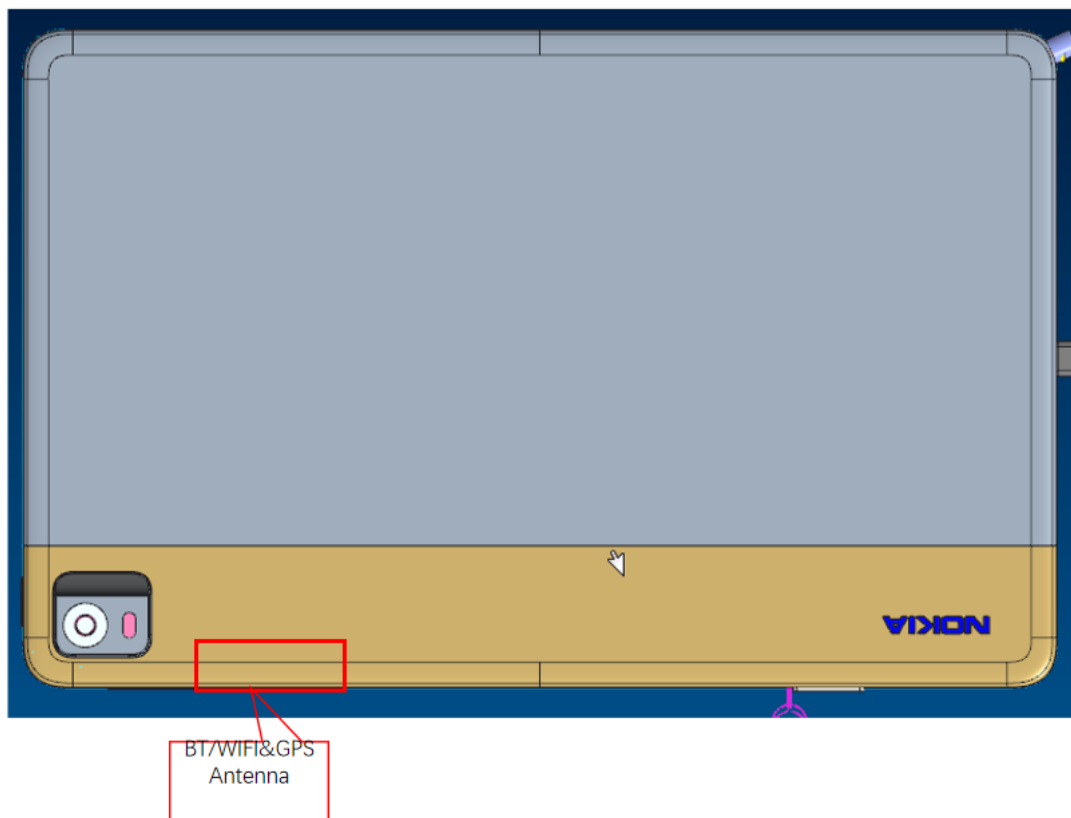


# Antenna Product Specification

Entry Name	P19616-3IN1-XXXX-V1-RX-8
Frequency Channel	GPS 2.4G 11B/11G/11N WIFI (2412MHz~2472MHz) 5G 11A/11N/11AC WIFI (5150MHz~5850MHz)
Supplier Name	innowave

## 1. Antenna location



## 2. Frequency Channel of Implementation antenna

3IN1- antenna	GPS 2.4G 11B/11G/11N WIFI (2412MHz~2472MHz) 5G 11A/11N/11AC WIFI (5150MHz~5850MHz)
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### 3. LTE/GSM/UMTS/WIFI Efficiency and Gain

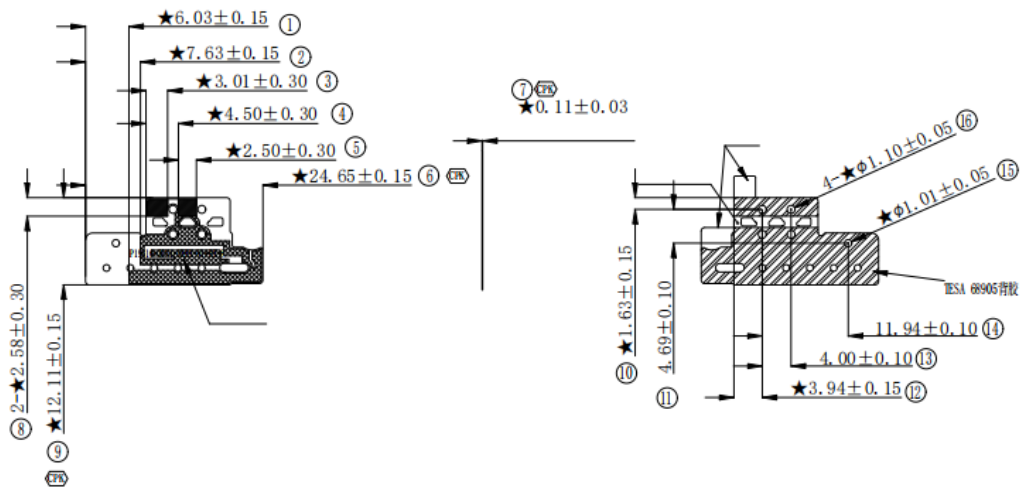
	Gain(dBi)
GPS	-0.39
2.4gWIFI	1.3
5gWIFI	-0.24

### 4. 3IN1- antenna:

Antenna type: PIFA

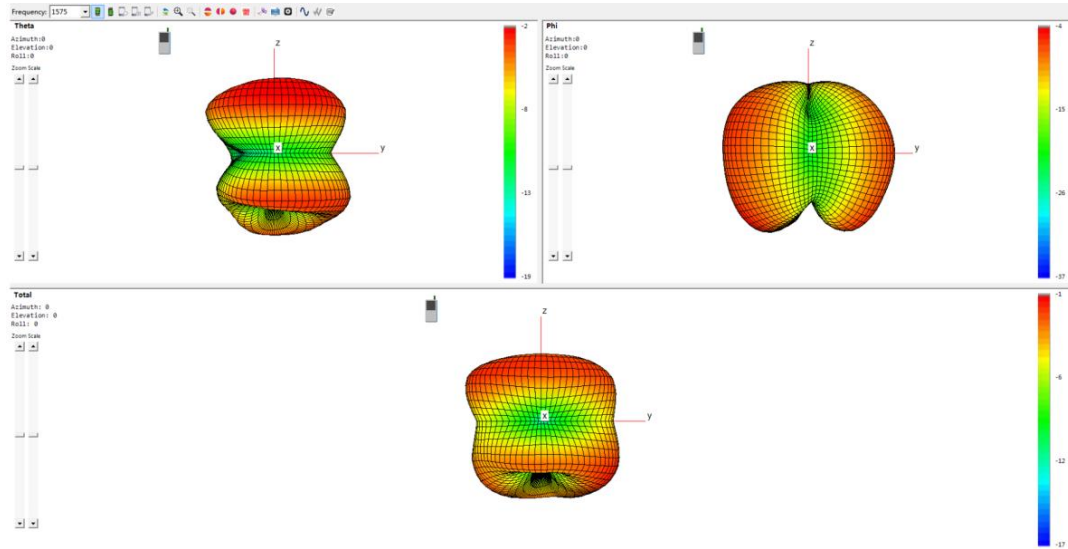
Manufacturers: innowave

Dimension: 24.65\*12.11\*0.11mm

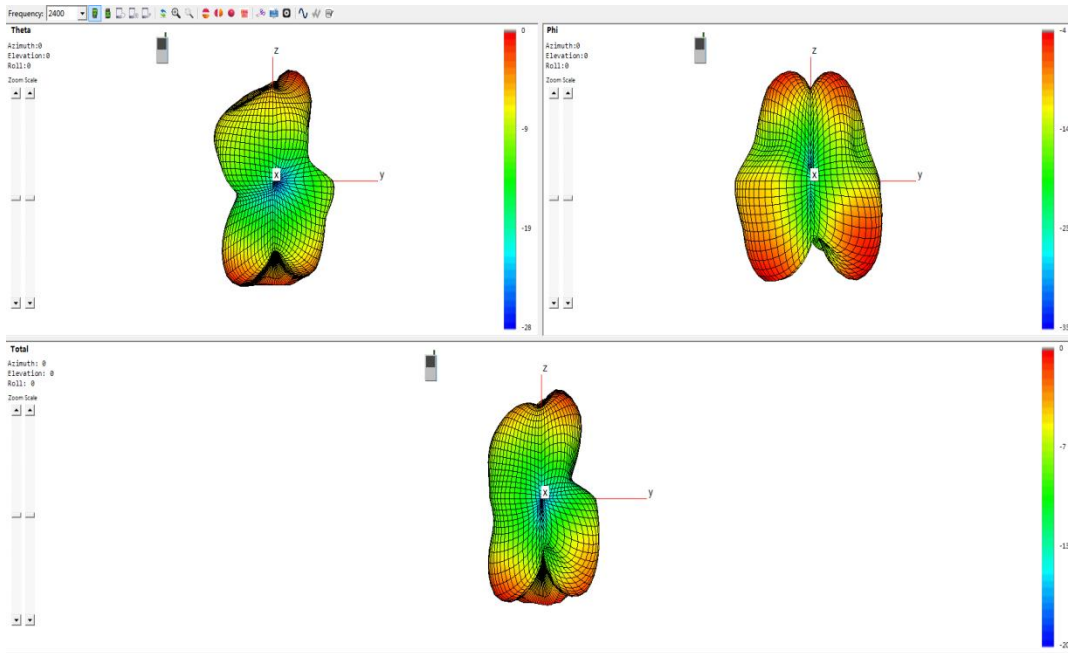


### 5. 3D Directional Pattern

1) GPS ANT 3D



## 2) 2.4G WIFI ANT 3D



## 3) 5G WIFI ANT 3D

