

# Platypus Antenna SPECIFICATION

Antenna Manufacturer Name	Wistron
Address	Wistron Corporation (Xizhi office) 21F, NO,88, Sec.1 Xintai 5th Rd., Xizhi Dist.
P/N:	160.07201.0041 (Black) 160.07201.0051 (Glod)
Test DATE	2024/12/17
DATASHEET REVISION	V01

# Description of LTE Antenna

Frequency Range	699MHz-2200MHz
Impedance	50 ohm
Antenna type	Coupler
Manufacturing Process	LDS

## Antenna Peak Gain:

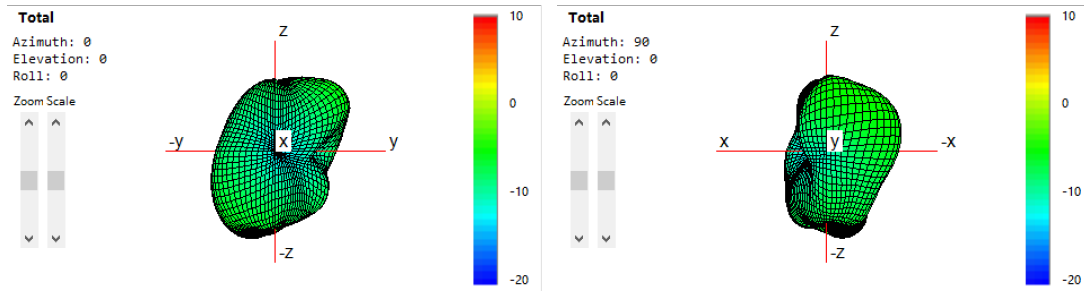
LTE B2	
MHz	Peak Gain
1850	-0.85
1880	-0.22
1910	0.23
1920	0.36
1930	0.50
1950	0.58
1960	0.39
1980	-0.23
1990	-0.66

LTE B4 / LTE B66	
MHz	Peak Gain
1710	0.52
1733	0.35
1748	-0.52
1755	-1.06
1785	-3.96
2110	-2.80
2133	-2.81
2140	-2.78
2155	-2.61
2170	-2.52
2200	-2.43

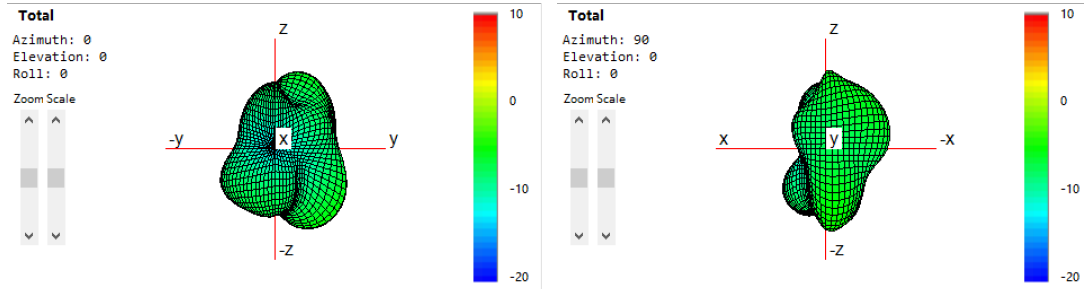
LTE B12	
MHz	Peak Gain
699	-4.03
703	-4.65
704	-4.71
710	-4.88
716	-5.09
734	-4.83
740	-4.84
746	-4.99

LTE B13	
MHz	Peak Gain
746	-5.62
751	-5.20
756	-4.85
777	-4.37
782	-4.36
787	-4.44

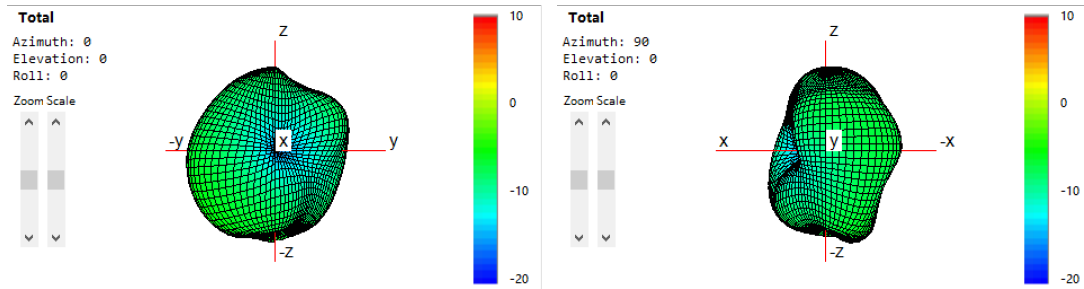
Antenna Pattern:  
Radiation Pattern:  
704MHz



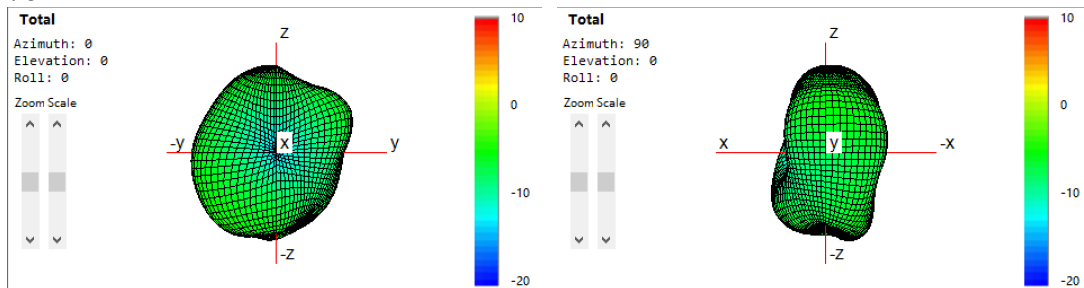
734MHz



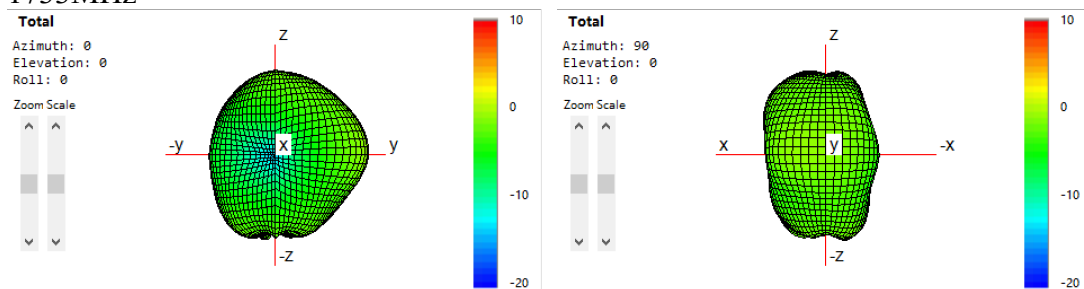
751MHz



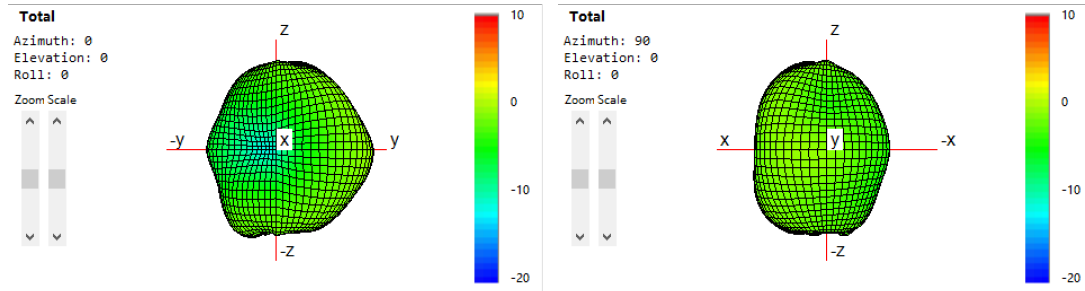
782MHz



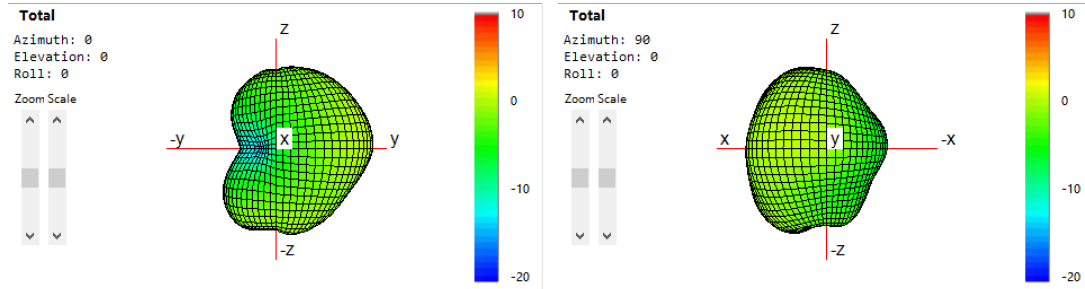
1733MHz



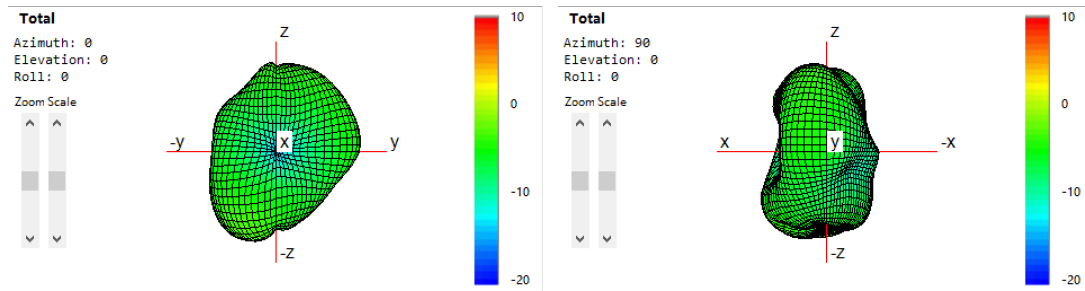
## 1850MHz



## 1930MHz



## 2155MHz



# Description of WIFI/BLE Antenna

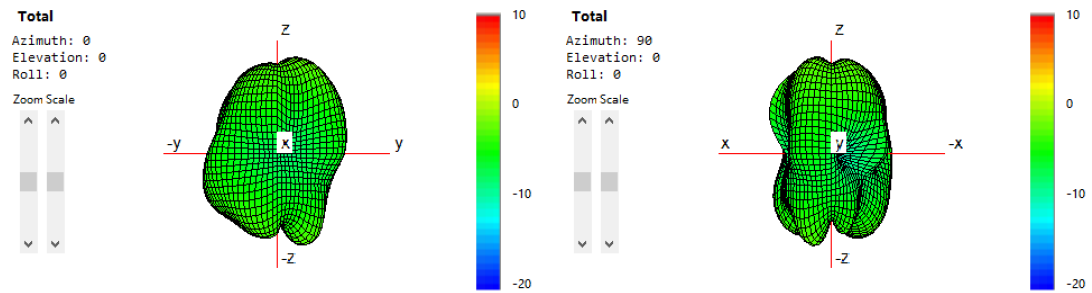
Frequency Range	2402MHz-2482MHz
Impedance	50 ohm
Antenna type	PIFA
Manufacturing Process	LDS

Antenna Peak Gain:

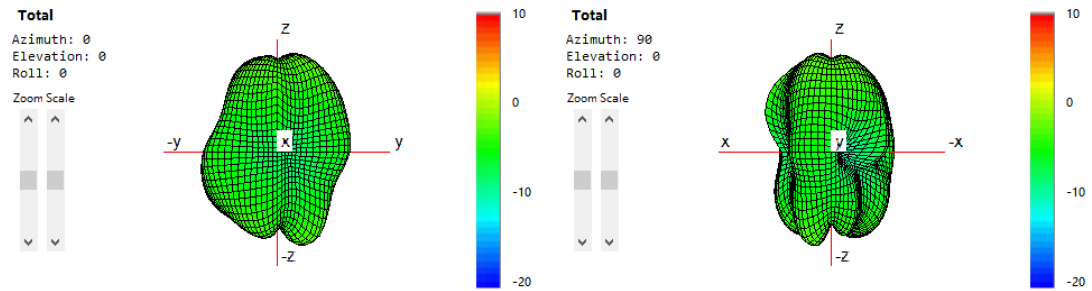
BLE	
MHz	Peak Gain
2400	-2.26
2410	-2.30
2420	-2.37
2430	-2.44
2440	-2.43
2450	-2.44
2460	-2.68
2470	-2.85
2480	-3.20
2490	-3.62
2500	-3.78

Radiation Pattern:

2410MHz



2440MHz

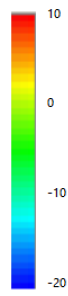
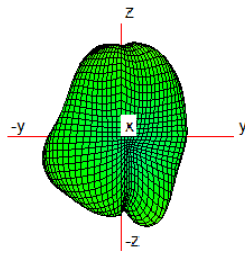


2480MHz

**Total**

Azimuth: 0  
Elevation: 0  
Roll: 0

Zoom Scale



**Total**

Azimuth: 90  
Elevation: 0  
Roll: 0

Zoom Scale

