

SPECIFICATION

USI P/N	46-500404-01
Amphenol P/N	US5803-12-002-C
Ant. Type (PIFA)	Bluetooth
DATE	2022/11/03
DATASHEET REVISION	00
Manufacture	Amphenol Taiwan Corporation
Manufacture Address	No. 71, Ln. 956, Zhongshan Rd., Taoyuan Dist., Taoyuan City 330, Taiwan (R.O.C.)

Universal Global Scientific Industrial Co., Ltd.			
RF ENGINEER CHECKED	MECHANICAL ENGINEER CHECKED	R&D MANAGER CHECKED	PRODUCT MANAGER CHECKED
Sam Liu	Maxxis Tseng	Ken Chiu	Lanson Lin



Universal Global Scientific Industrial Co., Ltd.

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Phone : 886-49-235-0876

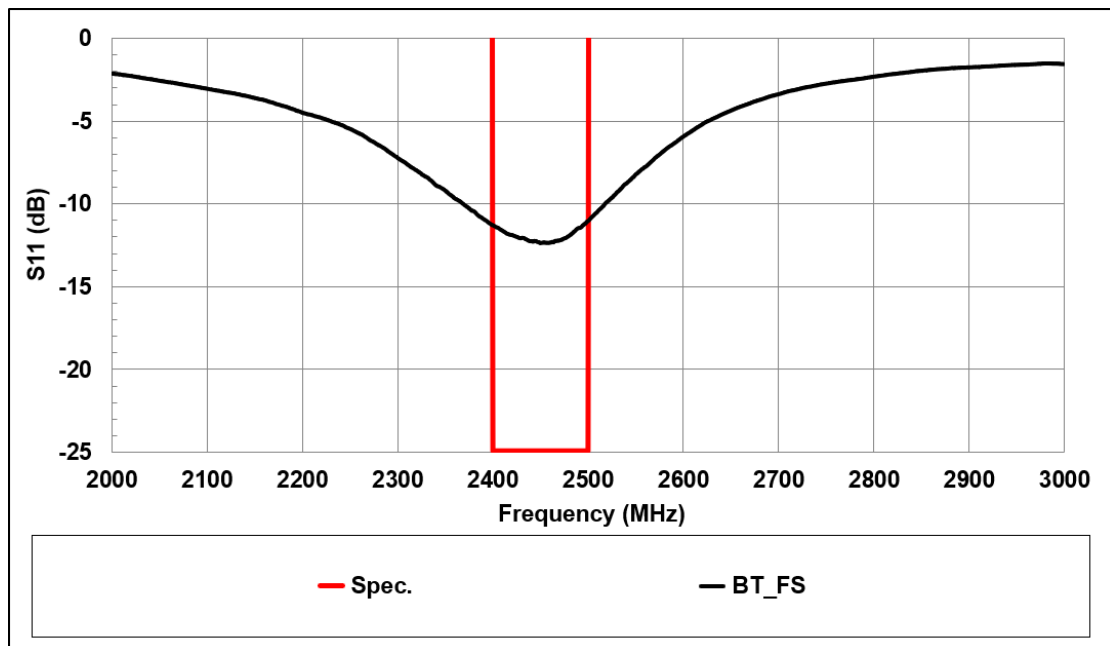
Fax : 886-49-239-3805

Antenna Performance Test

- Description

Frequency Range	2402~2480MHz
Impedance	50Ω
Return Loss	As shown below S11
Peak Gain	1.70dBi @2441MHz (test in ETS chamber)
Antenna Type	PIFA
Process	FPC

- Antenna Return Loss

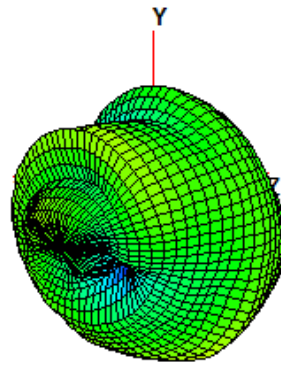
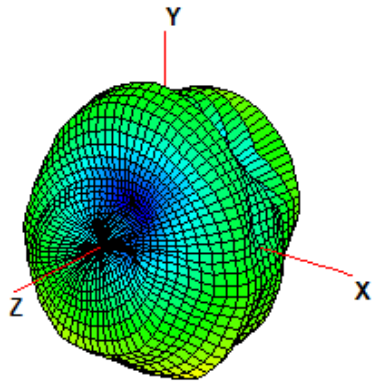


- Antenna Efficiency & Peak Gain

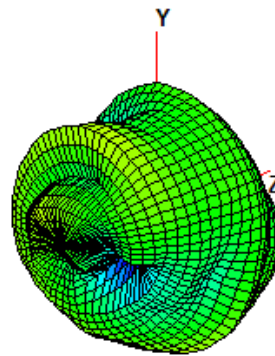
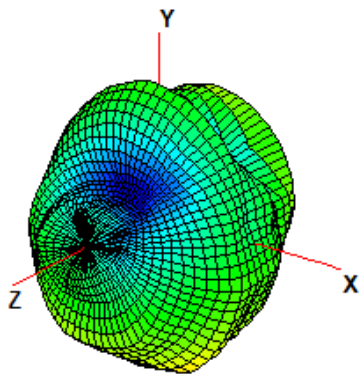
MHz	Average Gain (%)	Peak Gain (dBi)
BT Antenna		
2402	39	1.48
2441	40	1.70
2480	37	1.15

- Antenna 3D Radiation Pattern

- 2402MHz



- 2441MHz



- 2480MHz

