

Embedded Single-Band Antenna for WAG-F-LA-00-233

1. Explanation of part number :

WAG	F	LA	00	233
(1)	(2)	(3)	(4)	(5)

(1) Product type : Wireless Antenna

(2) Material : FPCB

(3) Frequency : 2400~2500 MHz

(4) Coaxial Cable Type : No Cable

(5) Suffix : 233

2. Electrical Specification :

The specifications were specially defined for **Fender** model Antenna, and all characteristics were measured under the model's handset testing jig.

2-1. Frequency Band :

Frequency	2400-2500 MHz
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Brand name: INPAQ TECHNOLOGY CO., LTD.

Model name: WAG-F-LA-00-233

Manufacturer: INPAQ TECHNOLOGY CO., LTD.

Manufacturer address: 90, Keyi St., Zhunan Township, Miaoli County 350402, Taiwan

UNLESS OTHER SPECIFIED TOLERANCES ON :

X = N/A X.X = N/A X.XX = N/A

ANGLES = N/A HOLEDIA = N/A



INPAQ TECHNOLOGY CO., LTD.

SCALE : N/A

UNIT : mm

DRAWN BY : 涂正憲

CHECKED BY : 鄭榮謀

DESIGNED BY : 彭少君

APPROVED BY : 陳柏劭

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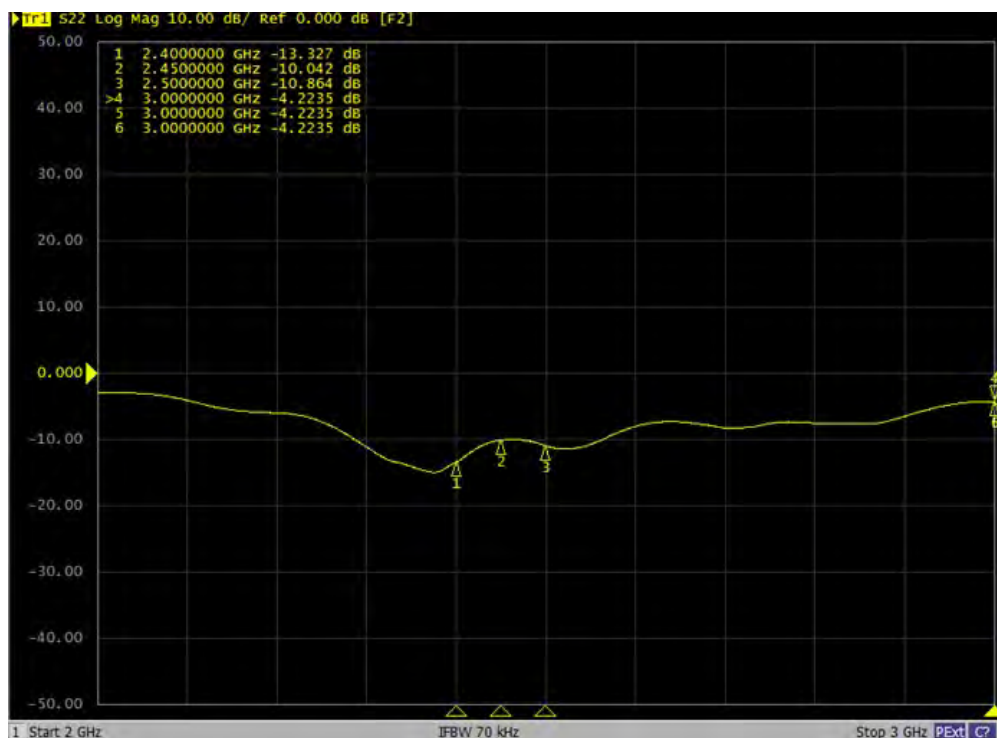
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NO.

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2-2 Return Loss:



2-3 Efficiency / Peak Gain

Frequency (MHz)	Peak gain(dBi)	Efficiency(%)
2400	2.55	50.47
2410	2.4	50.82
2420	2.17	48.31
2430	1.94	46.45
2440	1.7	45.71
2450	1.56	46.24
2460	1.45	46.77
2470	1.36	47.42
2480	1.1	49.32
2490	0.84	49.89
2500	0.67	49.55

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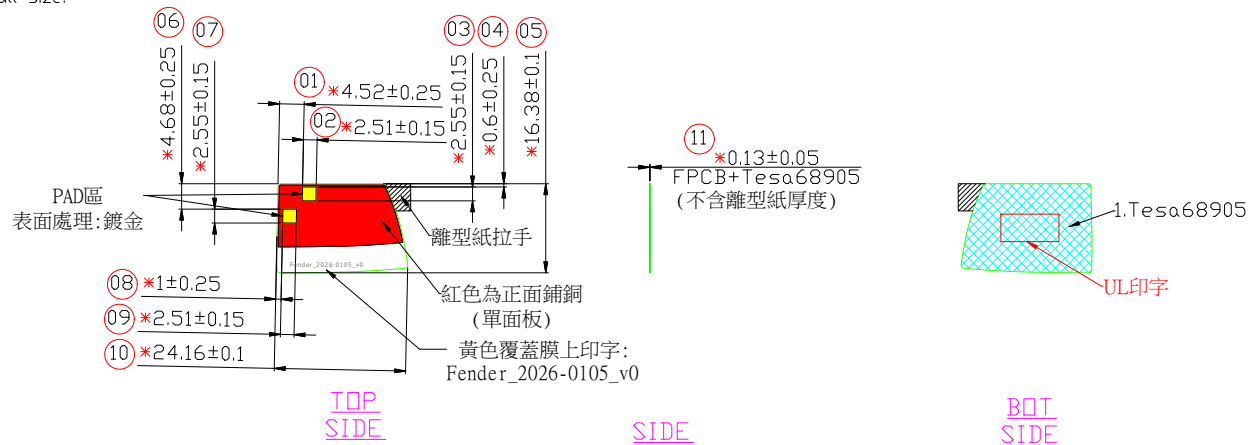
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3. Antenna Drawing :

NOTE:

- PAD區：表面處理 鍍金 (金 $\geq 0.05\mu\text{m}$, 鍍 $2\sim 7\mu\text{m}$)
PAD SURFACE TREATMENT: Gold plated (Au: $\geq 0.05\mu\text{m}$, Ni: $2\sim 7\mu\text{m}$)
- 1-2. 只有正面黃色覆蓋膜
Only Front yellow cover film
- 外觀標準：依INPAQ檢驗標準出貨。
Appearance standard be mainly with inpaq.
- 工程圖上“*”號為重點尺寸標註指示
Mark “*” are the key dimensions.
- 工程圖上“#”號為CPK量測尺寸標註指示
Mark “#” are CPK dimensions.
- IQC&OQC 只需量測(球標)重點尺寸&CPK, FQC全尺寸
Ball mark KEY&CPK dimensions for IQC&OQC.
FQC full-size.



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ITEM	DESCRIPTION	MATERIAL SPECIFICATION	QUANTITY	UNIT
1	FPCB	T=0.13mm(FPCB 含背膠)	1	PCS

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ANGLES=N/A HOLEDIA=N/A



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