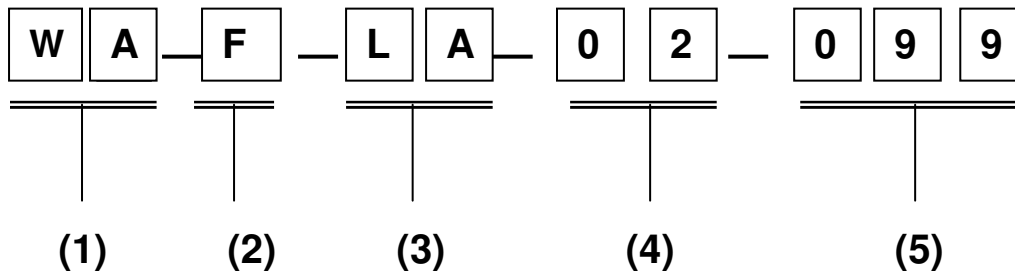


Embedded Single-Band Antenna for WA-F-LA-02-099

1. Explanation of part number :



- (1) Product Type : Wireless Antenna
- (2) Material : FPCB
- (3) Frequency/Band code : 2400-2500MHz
- (4) Coaxial Cable Type : Black
- (5) Suffix : 099

2. Electrical Specification :

Those specifications were specially defined for model **Kinship FIT2** and all characteristics were measured under the model's handset testing jig.

2-1. Frequency Band :


Band	Frequency
BT	2400-2500MHz

2-2. Impedance :

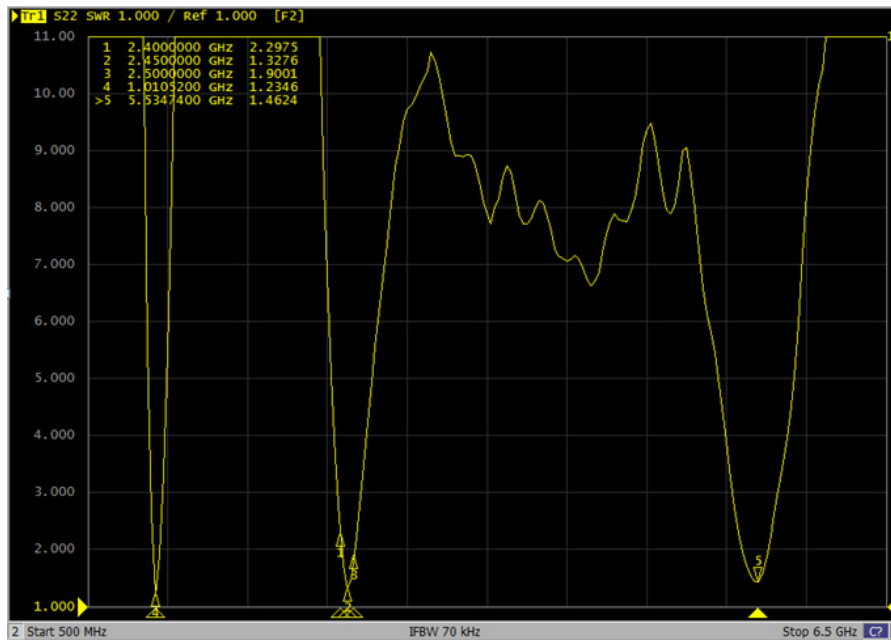
50 ohm nominal

2-3. Matching circuit :

None

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	THIS DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF INPAQ TECHNOLOGY CO.,LTD.AND SHALL NOT BE REPRODUCED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS OR DEVICES WITHOUT PERMISSION	
DRAWN BY : 黃建榮	CHECKED BY : 鄭榮謀	
DESIGNED BY : 陳彥吉	APPROVED BY : 謝立庭	
TITLE : Embedded Single-Band Antenna for WA-F-LA-02-099	DOCUMENT NO.	ENS000158230
		SPEC REV. A1

2-4. S-Parameter :



2-5. Efficiency and Gain :

Frequency (MHz)	Efficiency (%)	Average gain (dB)	Peak Gain (dBi)
2400	36.43	-4.39	-2.27
2410	37.62	-4.25	-2.13
2420	38.58	-4.14	-1.88
2430	40.08	-3.97	-1.71
2440	40.11	-3.97	-1.35
2450	40.25	-3.95	-0.66
2460	40.14	-3.96	-0.79
2470	40.06	-3.97	-1.52
2480	39.44	-4.04	-1.69
2490	38.56	-4.14	-2.08
2500	37.47	-4.26	-2.24

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 : 黃建棠

CHECKED BY : 鄭榮謀

DESIGNED BY : 陳彥吉

APPROVED BY : 謝立庭

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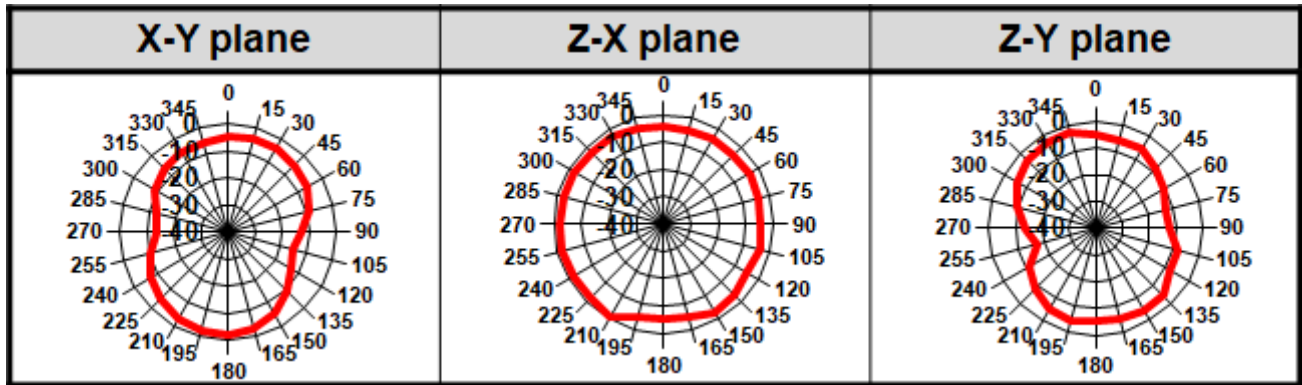
TITLE : Embedded Single-Band Antenna for
 WA-F-LA-02-099

DOCUMENT
 NO.

ENS000158230

SPEC REV.
A1

2-6. Radiation pattern :



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 : 黃建棠

CHECKED BY : 鄭榮謀

DESIGNED BY : 陳彥吉

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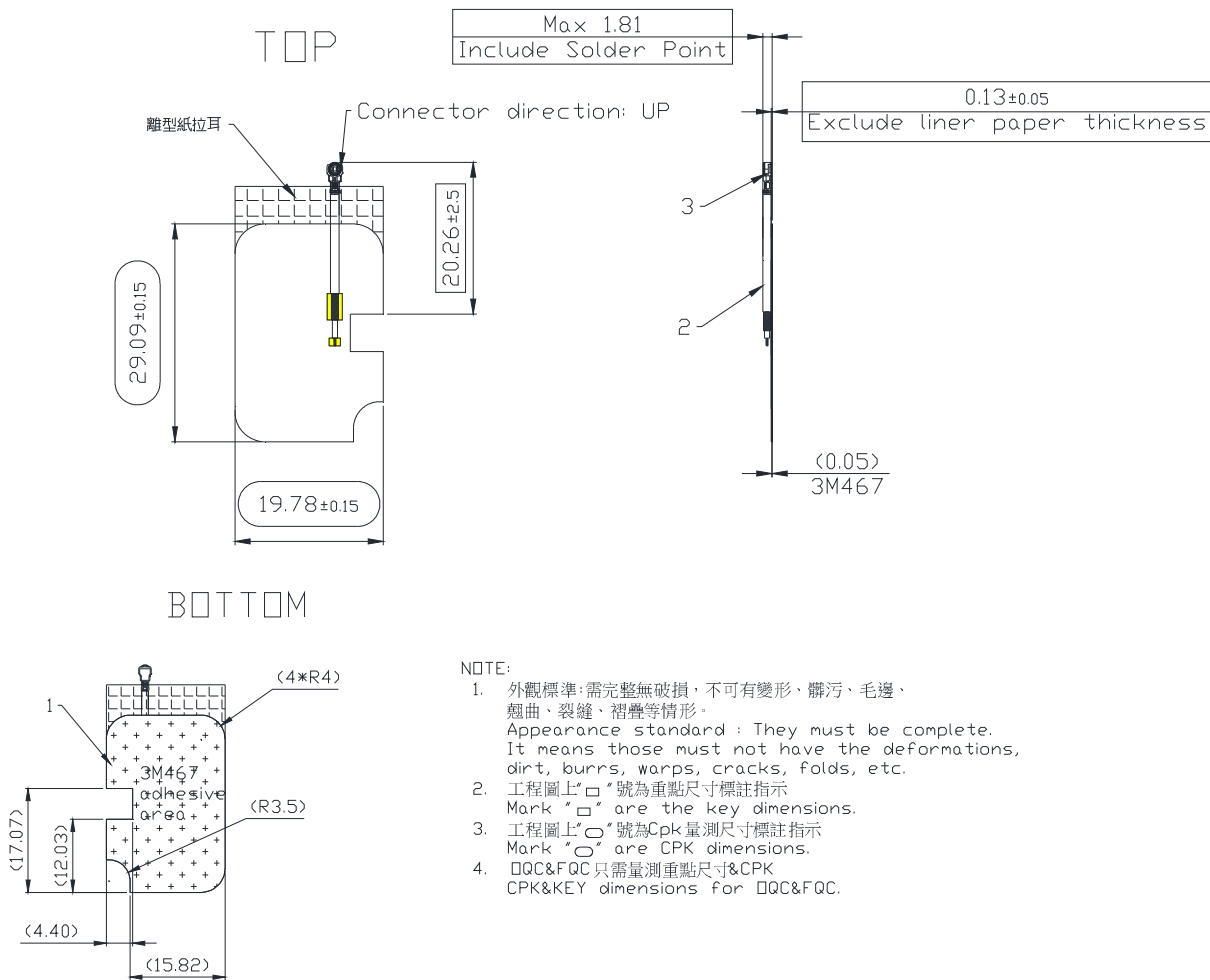
DOCUMENT
 NO.

ENS000158230

SPEC	REV.
	A1

3. Mechanical Specification :

3.1 Mechanical Configuration :



REV P3

The appearance of the antenna is according to drawing Figure 3-1-1.

ITEM	DESCRIPTION	MATERIAL SPECIFICATION	QUANTITY	UNIT	SUPPLIER	UL NO
1	FPCB With Adhesive	L19.78*W29.09*0.13Tmm	1	PCS	HA0290	E518371
2	Cable	Ø1.13,Normal,Black	1	PCS	HA0008	E318898
3	Connector	I-PEX MHF4L I-PEX Equivalent(compatible)	1	PCS	HA0063	E213445

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 : 黃建榮

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