

Embedded Multi -Band Antenna for WA-P-LBG0-01-001

1. Explanation of part number :

WA	P	LBG0	01	001
(1)	(2)	(3)	(4)	(5)

- (1) Product type : Wireless Antenna
 (2) Material : PCB
 (3) Frequency : 1575;2400-2500;5100-5800 MHz
 (4) Coaxial Cable Type : WHITE
 (5) Suffix : 001

2. Electrical Specification :

2-1. Frequency Band :

Frequency	1575;2400-2500;5100-5800 MHz
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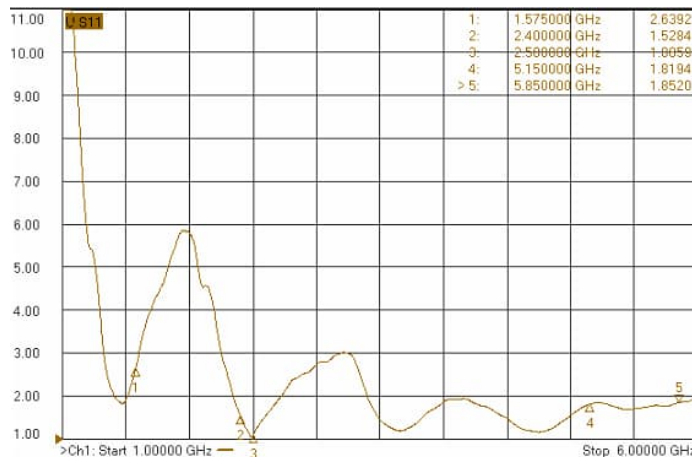
2-2. Impedance:

50 ohm nominal

2-3. Matching circuit:

None

2-4.VSWR & Efficiency & Peak Gain



Frequency (MHz)	Peak Gain (dBi)	Efficiency (%)
1575	2.22	39.67
2400	1.69	49.35
2450	1.74	50.48
2500	1.29	47.98
5150	3.33	39.19
5470	3.23	40.84
5850	2.88	37.99

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 : 王聖元

CHECKED BY : 鄭榮謀

DESIGNED BY : 彭少君

APPROVED BY : 陳柏劭

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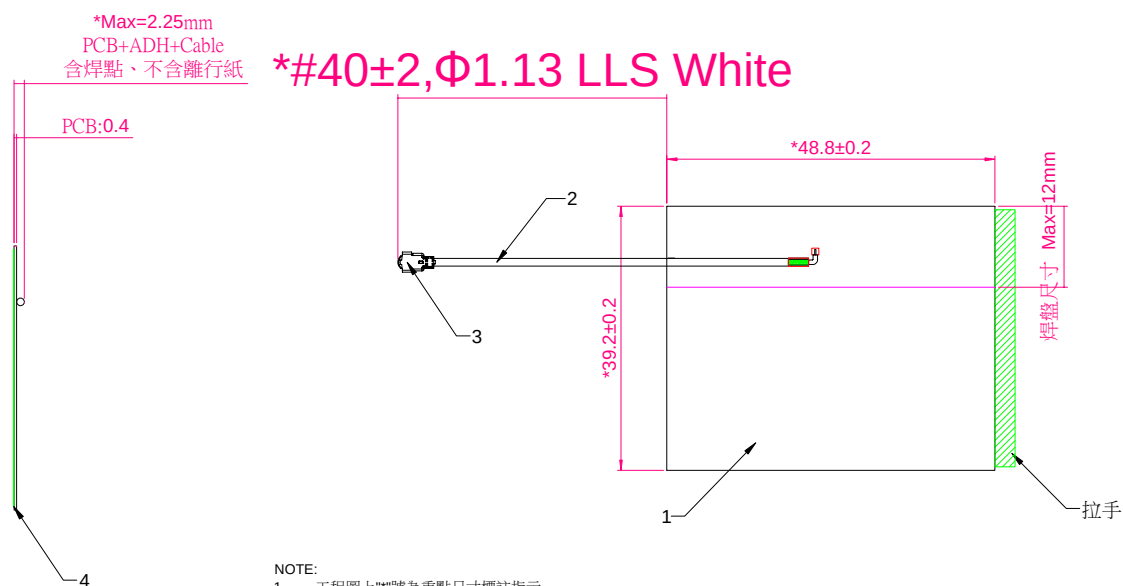
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DOCUMENT
NO.

ENS000219260

SPEC REV.
P1

Antenna Drawing :



NOTE:

1. 工程圖上"*"號為重點尺寸標註指示
Mark "*" are the key dimensions.
2. 工程圖上"#號為Cpk量測尺寸標註指示
Mark "# " are CPK dimensions.

REV.P2

ITEM	DESCRIPTION	MATERIAL SPECIFICATION	QUANTITY	UNIT
1	PCB	48.8*39.2*0.4 mm	1	PCS
2	Cable	OD 1.13 LLS WHITE	1	PCS
3	Connector	I-PEX MHF I-PEX Equivalent (Compatible)	1	PCS
4	Adhesive	Tesa4982,47.8x38.2x0.1mm	1	PCS

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