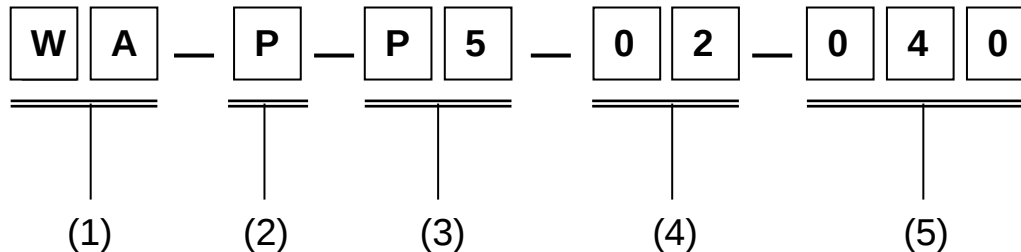


Embedded Multi-Band Antenna for WA-P-P5-02-040

1. Explanation of part number :



- (1) Product type : Wireless Antenna
- (2) Material : PCB
- (3) Frequency : 824~960 MHz , 1710~2170 MHz
- (4) Coaxial Cable Type : Black
- (5) Suffix : 040

2. Electrical Specification :

Those specifications were specially defined for GSM Antenna, and all characteristics were measured under the model's testing jig.

2-1. Frequency Band :

Band	Frequency MHz
GSM	824~960 , 1710~2170

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

DRAWN BY : 黃健棠

CHECKED BY : 劉維林

DESIGNED BY : 陳郁峯

APPROVED BY : 謝立庭

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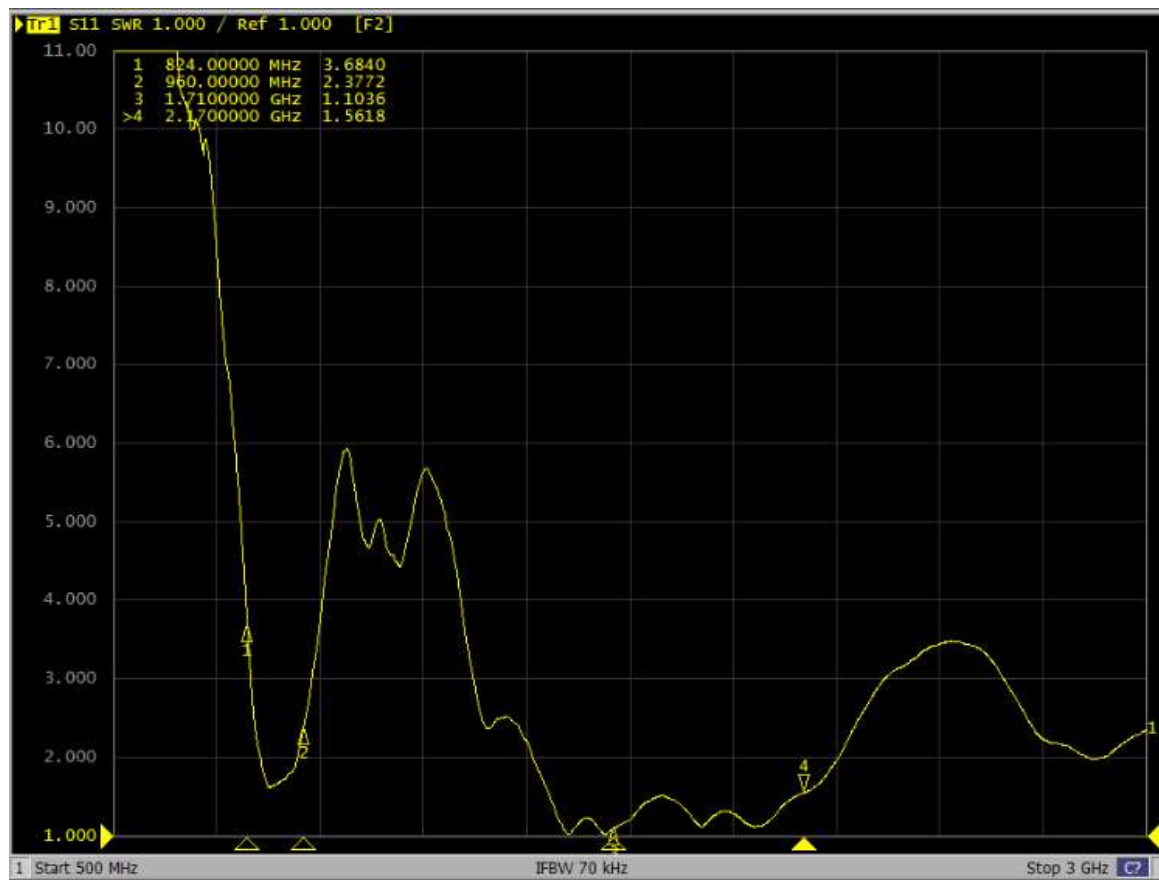
TITLE : Embedded Multi-Band Antenna for
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SPEC REV.
P0

2-4. VSWR :



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

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SPEC REV.
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2-5. Gain and efficiency :

Frequency(MHz)	Efficiency(%)	Gain(dB)
824	28.73	-1.29
844	29.09	-1.49
864	31.01	-1.54
884	32.36	-1.05
904	32.16	0.22
924	32.92	0.64
944	30.17	0.63
960	30.84	0.23
1710	46.25	2.73
1760	42.70	3.44
1810	44.53	2.17
1860	46.36	2.29
1910	46.34	0.94
1960	46.50	1.68
2010	47.11	0.37
2060	47.88	1.08
2110	47.22	1.87
2170	47.85	2.29

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

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WA-P-P5-02-040

DOCUMENT
NO.

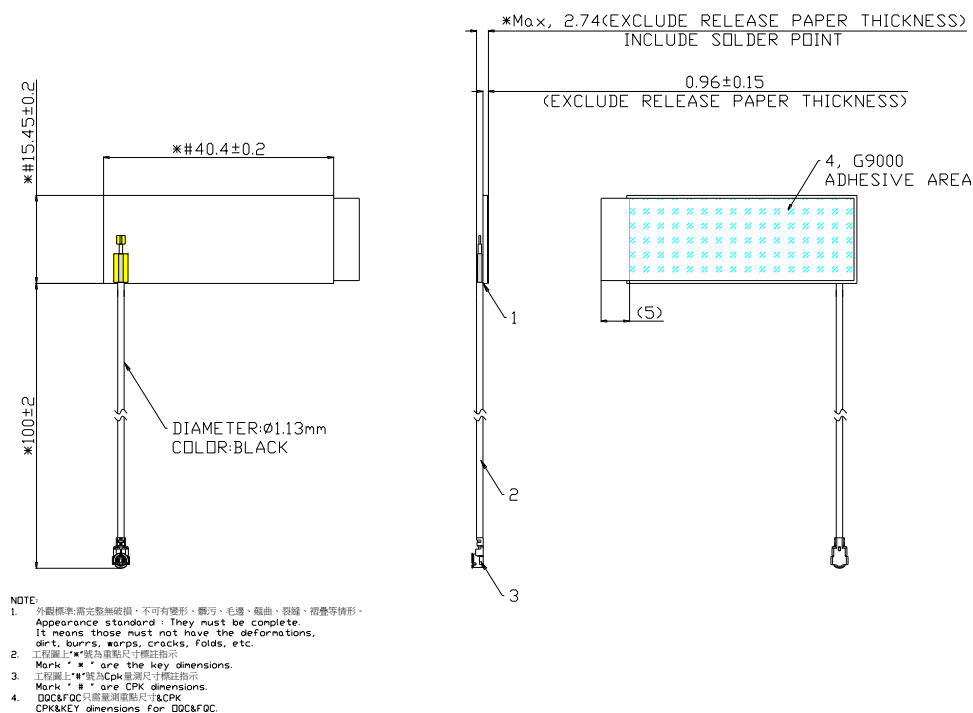
ENS000133310

SPEC REV.

P0

3. Mechanical Specification :

3.1 Mechanical Configuration :



The appearance of the antenna is according to drawing Figure 3.1.1

REV.P0

ITEM	DESCRIPTION	MATERIAL SPECIFICATION	QUANTITY	UNIT
1	PCB	L40.4xW15.45xT0.8mm	1	PCS
2	Cable	ø1.13, BLACK	1	PCS
3	Connector	I-PEX MHF I-PEX Equivalent(compatible)	1	PCS
4	Adhesive	G9000	1	PCS

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 : 黃健棠

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