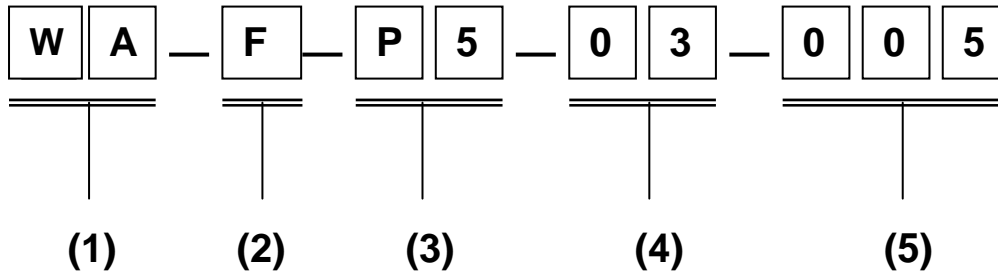


Penta-Band Antenna for WA-F-P5-03-005

1. Explanation of part number:



- (1) Product type: Wireless Antenna
- (2) Material: FPCB
- (3) Frequency: 850, 900, 1800, 1900, 2100 bands
- (4) Coaxial Cable Type: I-PEX, 1.13mm, 100mm
- (5) Suffix : 005

2. Electrical Specification:

Those specifications were specially defined for **3G antenna**.

2-1. Frequency Band:

Frequency Band	MHz
850	824~894
900	880~960
1800	1710~1880
1900	1850~1990
2100	1920~2170

UNLESS OTHER SPECIFIED TOLERANCES ON :

X = ± X.X = ± X.XX =
 ANGLES = ± HOLE DIA = ±



INPAQ TECHNOLOGY CO., LTD.

SCALE : N/A

UNIT : mm

DRAWN BY : 劉雯瑛

CHECKED BY: 陳俊達

DESIGNED BY: 陳星豪

APPROVED BY: 陳智崑

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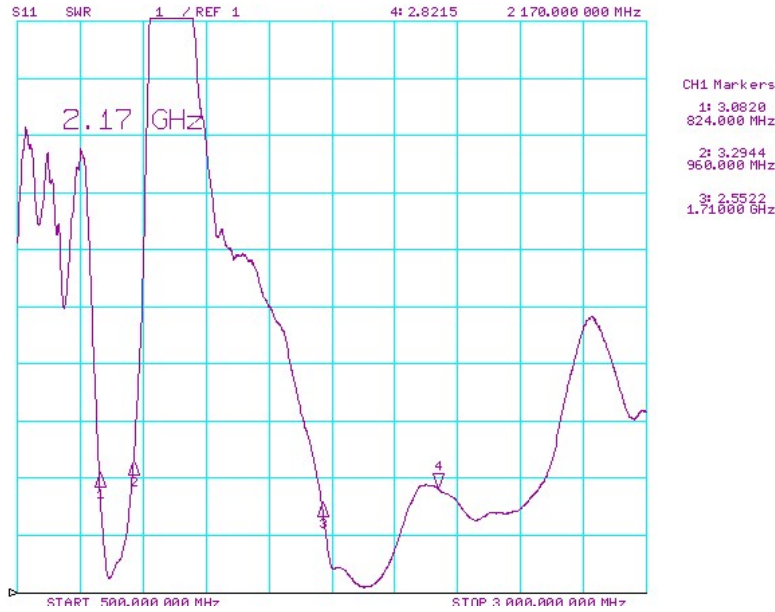
TITLE : Penta-Band Antenna for WA-F-P5-03-005

DOCUMENT NO.

ENS000035660

SPEC REV.
P1

2-2 VSWR:



Frequency (Unit MHz)	824	960	1710	2170
VSWR	3.08	3.29	2.55	2.82

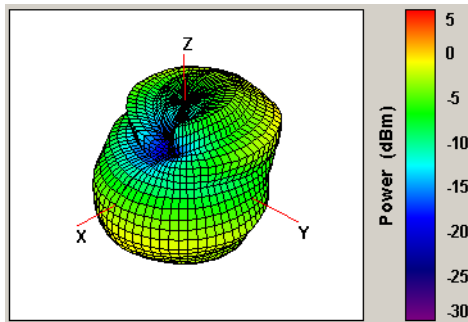
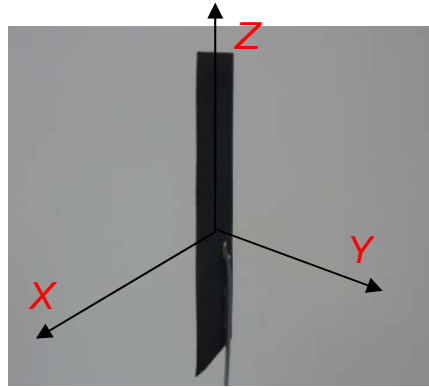
2-3 Gain data and radiation pattern

Antenna gain is marked [dBi] and is based on STANDARD HORN antenna. The data shows Peak-Gain and Average-Gain.

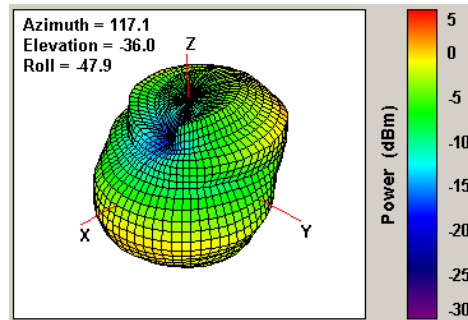
Freq. [unit:MHz]	3D Gain Data		
	Gain [dBi]		Efficiency (%)
	Peak	Average	
824	-0.67	-5.18	30.32
960	-0.45	-5.04	31.30
1710	-0.12	-2.90	51.25
2170	1.83	-2.92	50.95

Table2-3-1 Gain data.

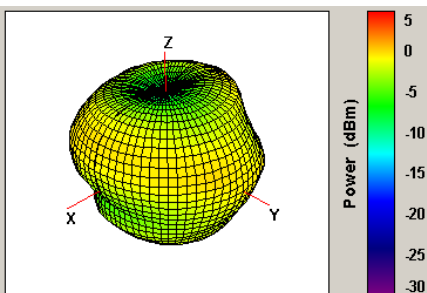
UNLESS OTHER SPECIFIED TOLERANCES ON : X = ± X.X = ± X.XX = ANGLES = ± HOLE DIA = ±		 INPAQ TECHNOLOGY CO., LTD.
SCALE : N/A	UNIT : mm	
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DESIGNED BY: 陳星豪	APPROVED BY: 陳智崑	
TITLE : Penta-Band Antenna for WA-F-P5-03-005		DOCUMENT NO. ENS000035660
		SPEC REV. P1



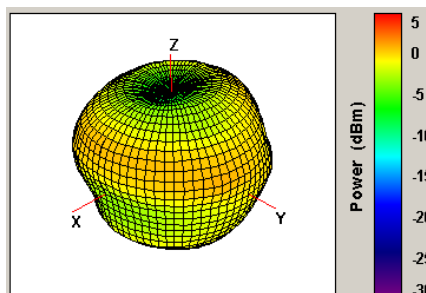
850 MHz



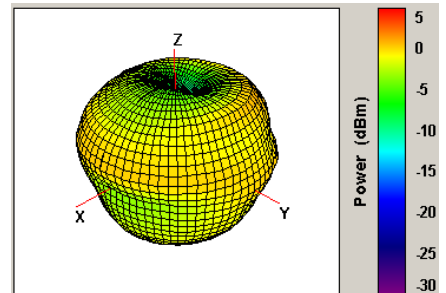
900 MHz



1800 MHz



1900 MHz



2100 MHz

UNLESS OTHER SPECIFIED TOLERANCES ON :
 X = ± X.X = ± X.XX =
 ANGLES = ± HOLE DIA = ±



INPAQ TECHNOLOGY CO., LTD.

SCALE : N/A

UNIT : mm

DRAWN BY : 劉雯瑛

CHECKED BY: 陳俊達

DESIGNED BY: 陳星豪

APPROVED BY: 陳智威

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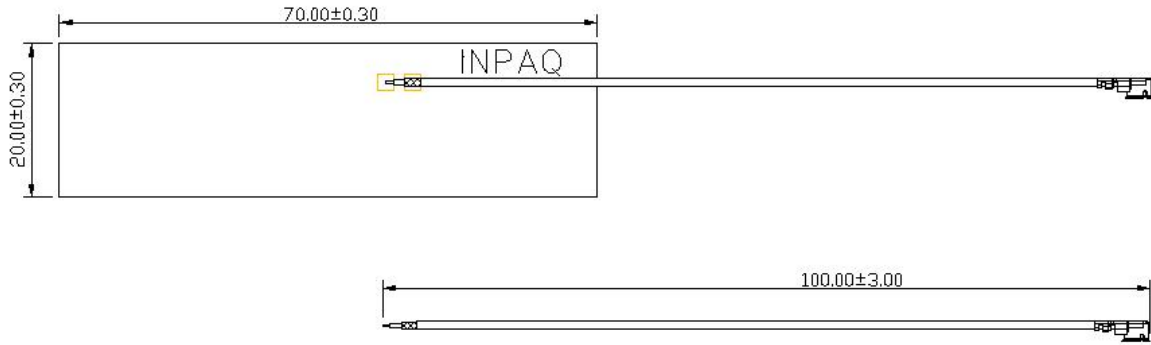
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DOCUMENT NO.

ENS000035660

SPEC REV.
P1

2. Antenna Pattern:



Unit: mm

UNLESS OTHER SPECIFIED TOLERANCES ON :
 X = ± X.X = ± X.XX =
 ANGLES = ± HOLE DIA = ±



INPAQ TECHNOLOGY CO., LTD.

SCALE : N/A

UNIT : mm

DRAWN BY : 劉雯瑛

CHECKED BY: 陳俊達

DESIGNED BY: 陳星豪

APPROVED BY: 陳智威

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SPEC REV.
P1