

WA-F-G1-02-006-A Specification

1. Explanation of part number :

WA - F - G1 - 02 - 006
(1) (2) (3) (4) (5)

(1) Product Type : Wireless Antenna

(2) PCB: FPCB+Cable

(3) Frequency : 1561~1602MHz

(4) Coaxial Cable Type : With ϕ 1.13 Black

(5) Suffix : 006

2. Electrical Specification :

Those specifications were specially defined for VVDN model, and all characteristics were measured under the complete machine testing..

2-1. Frequency Band:

Frequency Band	MHz
BD & GPS & Galileo & GLONASS	1561~1602

2-2. Impedance

50 ohm nominal

2-3. VSWR

2-3-1.Measurement frequency points and VSWR value

Frequency (MHz)	1561	1575.42	1602
VSWR	1.6	1.6	1.8

1UNLESS OTHER SPECIFIED TOLERANCES ON :

X = $\pm$ X.X = $\pm$ X.XX = $\pm$

ANGLES = $\pm$ HOLEDIA = $\pm$

SCALE :

UNIT : mm

DRAWN BY : 陆晓华

CHECKED BY : 李志强

DESIGNED BY : 胡志清

APPROVED BY : 唐龙

TITLE : WA-F-G1-02-006-A Specification



佳邦科技股份有限公司
INPAQ TECHNOLOGY CO., LTD.

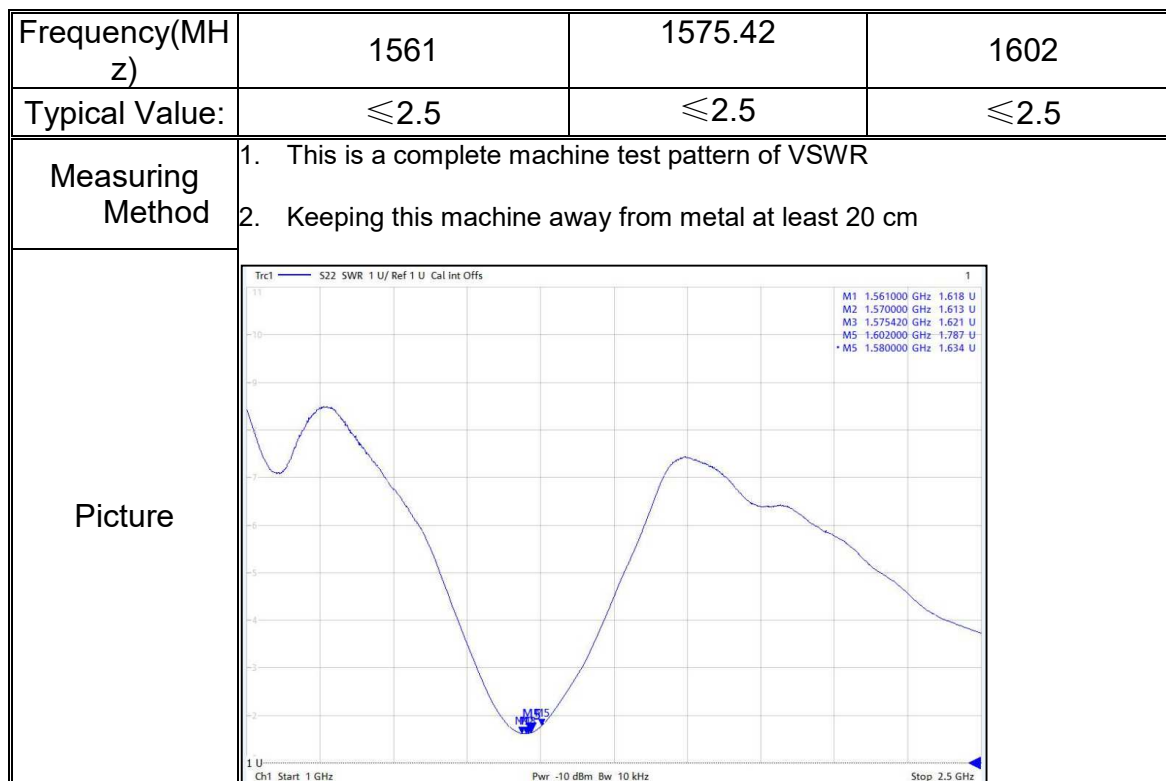
THIS DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF INPAQ TECHNOLOGY CO.,LTD.AND SHALL NOT BE REPRODUCED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS OR DEVICES WITHOUT PERMISSION

DOCUMENT
NO.

ENS000138370

PAGE REV.
P1

2-3-2. VSWR



2-4. Efficiency and Gain

Frequency (MHz)	Peak Gain(dBi)	Average Gain(dBi)	Efficiency(%)
1560	3.87	-3.16	48.28
1561	3.67	-3.42	45.49
1570	3.75	-3.15	48.38
1571	3.45	-3.47	45.00
1572	3.66	-3.27	47.04
1573	3.57	-3.39	45.82
1574	3.57	-3.40	45.73
1575.4	3.69	-3.30	46.76
1576	3.68	-3.31	46.69
1577	3.98	-3.01	50.00
1578	3.98	-3.02	49.86
1579	3.97	-3.04	49.71
1580	3.86	-3.16	48.25
1600	3.65	-3.01	50.00
1601	3.67	-3.00	50.12
1602	3.67	-2.99	50.19

2UNLESS OTHER SPECIFIED TOLERANCES ON :

X = $\pm$ X.X = $\pm$ X.XX = $\pm$

ANGLES = $\pm$ HOLEDIA = $\pm$

SCALE : UNIT : mm

DRAWN BY : 陆晓华 CHECKED BY : 李志强

DESIGNED BY : 胡志清 APPROVED BY : 唐龙

TITLE : WA-F-G1-02-006-A Specification



佳邦科技股份有限公司
INPAQ TECHNOLOGY CO., LTD.

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

DOCUMENT
NO.

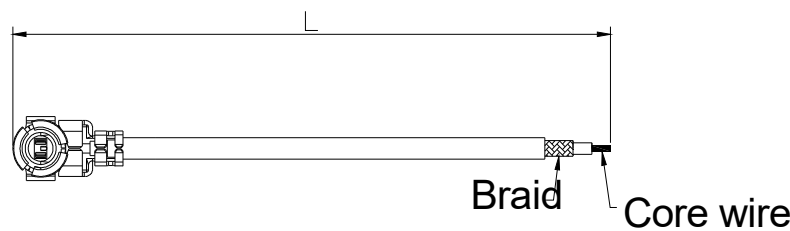
ENS000138370

PAGE REV.
P1

3. Mechanical Specification:

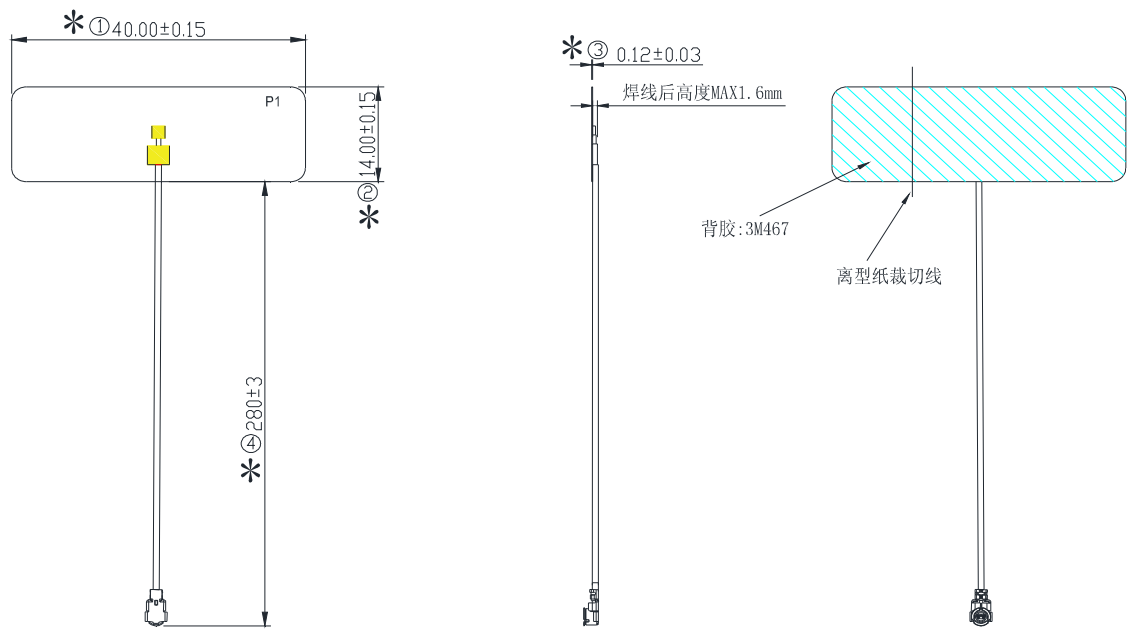
Connector: I-PEX MHF 1: 20278-112R-13; Cable: RF Cable1.13 Black

Cable length: 290±3mm(Include connector)



Mechanical Configuration:

ASSY Drawing (* dimension is important dimension, the dimension without tolerance follow the tolerance list)



3UNLESS OTHER SPECIFIED TOLERANCES ON :		 佳邦科技股份有限公司 INPAQ TECHNOLOGY CO., LTD.		
X = ±	X.X = ±	X.XX = ±		
ANGLES = ±		HOLEDIA = ±		
SCALE :	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 : 陆晓华	CHECKED BY : 李志强			
DESIGNED BY : 胡志清	APPROVED BY : 唐龙			
TITLE : WA-F-G1-02-006-A Specification		DOCUMENT NO.	ENS000138370	PAGE REV.
				P1