

[illegible]

WA-P-LA-03-339 Specification

1. Explanation of part number :

WA - P - LA - 03 - 339
(1) (2) (3) (4) (5)

(1) Product Type: Wireless Antenna

(2) Material: PCB

(3) Frequency : 2400~2500MHz

(4) Coaxial Cable Type : 03

(5) Suffix :339

2. Storage Condition:

Temperature -40 to +85°C

Humidity 20 to 65 %RH

Recommended storage condition : Store in room condition as listed below: Temperature -20°C ~+45°C, Humidity 80% Max.

3. Operating Condition:

Temperature -40 to +85°C

Humidity 10 to 85 %RH

4. Electrical Specification :

Those specifications were specially defined for **Paisley_T2**, and all characteristics were measured in the customer's machine. .

4-1. Frequency Band:

Frequency Band	MHz
BT	2400~2500

4-2. Impedance

50 ohm nominal

UNLESS OTHER SPECIFIED TOLERANCES ON :

X=± X.X=±0.15 X.XX=±0.15

ANGLES=± 0.15 HOLEDIA=±1



INPAQ TECHNOLOGY CO., LTD.

SCALE : /

UNIT : mm

DRAWN BY : 曾辉

CHECKED BY : 张涛

DESIGNED BY : 张一鸣

APPROVED BY : 陈尚仁

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

TITLE : WA-P-LA-03-339 Specification

DOCUMENT
NO.

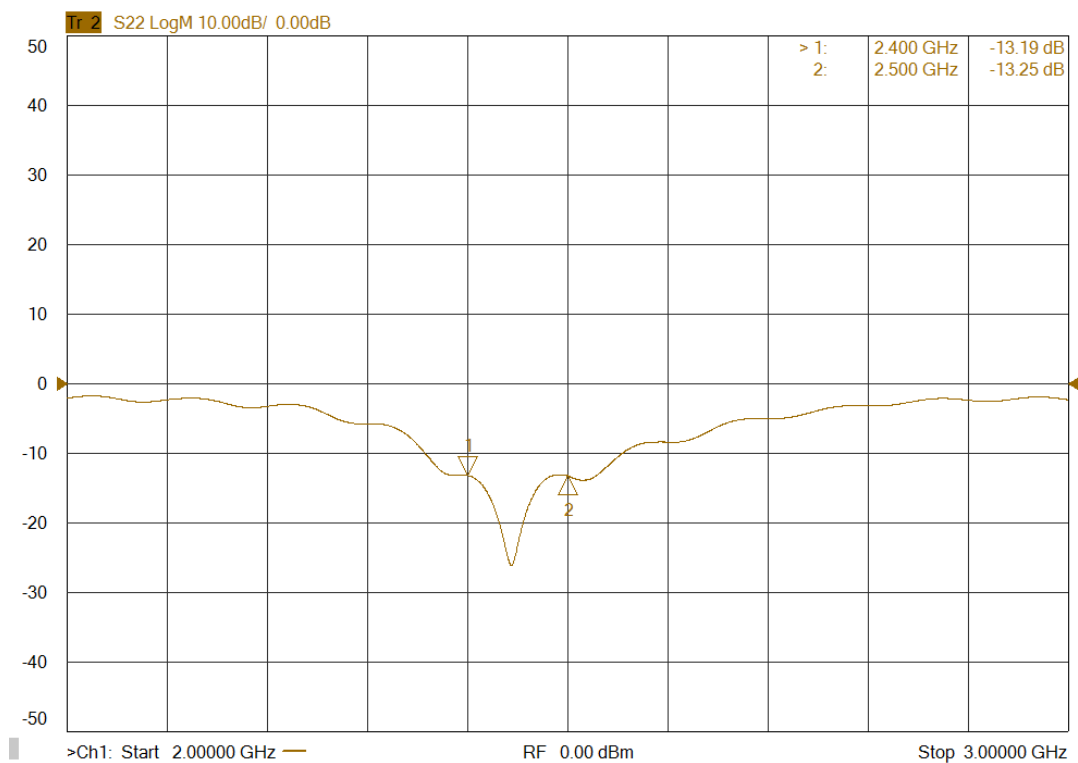
PAGE REV.
P1

4-3. Performance Report :

Test Report

ELECTRICAL CHARACTERISTICS

Return Loss



UNLESS OTHER SPECIFIED TOLERANCES ON :

X=± X.X=±0.15 X.XX=±0.15

ANGLES=± 0.15 HOLEDIA=±1



INPAQ TECHNOLOGY CO., LTD.

SCALE : /

UNIT : mm

DRAWN BY : 曾辉

CHECKED BY : 张涛

DESIGNED BY : 张一鸣

APPROVED BY : 陈尚仁

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

TITLE : WA-P-LA-03-339 Specification

DOCUMENT
NO.

PAGE REV.
P1

■ Antenna Efficiency & Peak Gain

2400-2500 MHz

	ANT	
Frequency (MHz)	Peak gain (dBi)	Efficiency (%)
2400	3.59	60.85
2450	4.21	61.23
2500	3.69	60.12

UNLESS OTHER SPECIFIED TOLERANCES ON :

X=± X.X=±0.15 X.XX=±0.15

ANGLES=± 0.15 HOLEDIA=±1



INPAQ TECHNOLOGY CO., LTD.

SCALE : /

UNIT : mm

DRAWN BY : 曾辉

CHECKED BY : 张涛

DESIGNED BY : 张一鸣

APPROVED BY : 陈尚仁

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

TITLE : WA-P-LA-03-339 Specification

DOCUMENT
NO.

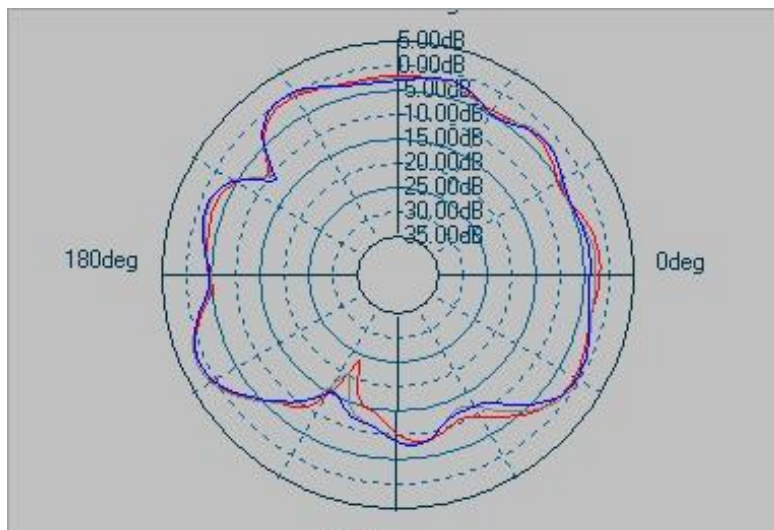
PAGE REV.
P1

■ RADIATION PATTERN

2400-2500 MHz

Phi=0.00deg

Gain . dB



UNLESS OTHER SPECIFIED TOLERANCES ON :

X=± X.X=±0.15 X.XX=±0.15

ANGLES=± 0.15 HOLEDIA=±1



INPAQ TECHNOLOGY CO., LTD.

SCALE : /

UNIT : mm

DRAWN BY : 曾辉

CHECKED BY : 张涛

DESIGNED BY : 张一鸣

APPROVED BY : 陈尚仁

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

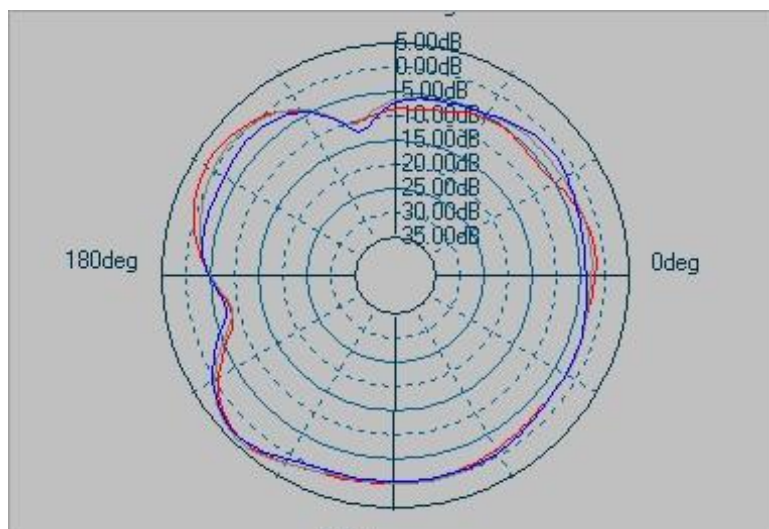
TITLE : WA-P-LA-03-339 Specification

DOCUMENT
NO.

PAGE REV.
P1

Phi=90.00deg

Gain . dB



UNLESS OTHER SPECIFIED TOLERANCES ON :

X=± X.X=±0.15 X.XX=±0.15

ANGLES=± 0.15 HOLEDIA=±1

SCALE : /

UNIT : mm

DRAWN BY : 曾辉

CHECKED BY : 张涛

DESIGNED BY : 张一鸣

APPROVED BY: 陈尚仁



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

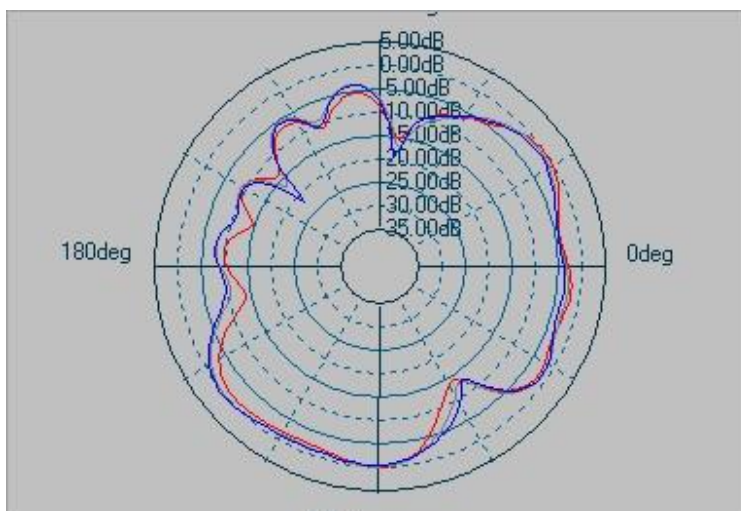
TITLE : WA-P-LA-03-339 Specification

DOCUMENT
NO.

PAGE REV.
P1

Theta=90.00deg

Gain . dB



Frequency [MHz]	ZX plane		ZY plane		XY plane	
	Max Value [dBi]	Average [dBi]	Max Value [dBi]	Average [dBi]	Max Value [dBi]	Average [dBi]
2400	1.42	-3.64	3.07	-1.74	-0.23	-4.38
2450	1.54	-3.50	3.61	-1.66	-0.04	-3.90
2500	1.16	-3.65	3.04	-2.12	0.11	-4.02

UNLESS OTHER SPECIFIED TOLERANCES ON :

X=± X.X=±0.15 X.XX=±0.15

ANGLES=± 0.15 HOLEDIA=±1



INPAQ TECHNOLOGY CO., LTD.

SCALE : /

UNIT : mm

DRAWN BY : 曾辉

CHECKED BY : 张涛

DESIGNED BY : 张一鸣

APPROVED BY : 陈尚仁

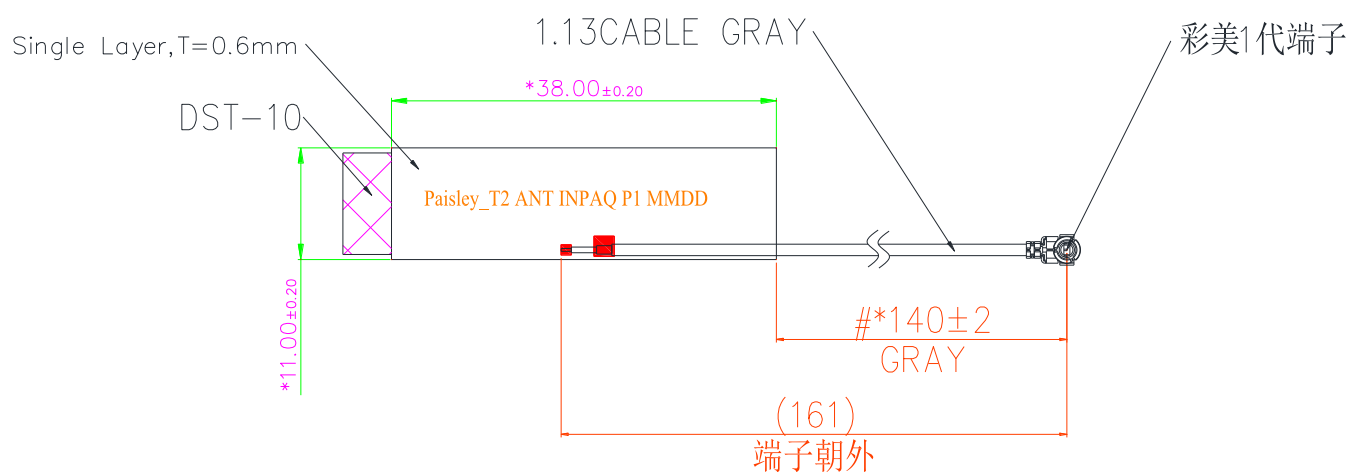
THIS DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF INPAQ TECHNOLOGY CO.,LTD.AND SHALL NOT BE REPRODUCED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS OR DEVICES WITHOUT PERMISSION

TITLE : WA-P-LA-03-339 Specification

DOCUMENT
NO.

PAGE REV.
P1

5. Mechanical Specification :



6. Physical photos:暂无

UNLESS OTHER SPECIFIED TOLERANCES ON :

X=± X.X=±0.15 X.XX=±0.15

ANGLES=± 0.15 HOLEDIA=±1



INPAQ TECHNOLOGY CO., LTD.

SCALE : /

UNIT : mm

DRAWN BY : 曾辉

CHECKED BY : 张涛

DESIGNED BY : 张一鸣

APPROVED BY : 陈尚仁

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

TITLE : WA-P-LA-03-339 Specification

DOCUMENT
NO.

PAGE REV.
P1