



TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
Taoyuan, 324, Taiwan, R.O.C.

TEL: 886-3-4690038 FAX: 886-3-4697532

E-mail: tstsales@mail.taisaw.com Web: www.taisaw.com

Product Specifications Approval Sheet

Product Description: SAW Filter 1575.42 MHz 2 MHz Bw SMD 3.0X3.0 mm

TST Part No.: TA1575GG

Customer Part No.: _____

Customer signature required
Company: _____
Division: _____
Approved by : _____
Date: _____

Checked by: _____ Anne Cheu 陳秀宜

Approved by: _____ Francis Chen FC

Date: _____ 12.12.2012

1. Customer signed back is required before TST can proceed with sample build and receive orders.
2. Orders received without customer signed back will be regarded as agreement on the specifications.
3. Any specifications changes must be approved upon by both parties and a new revision of specifications shall be released to reflect the changes.



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SAW Filter 1575.42 MHz 2 MHz Bw for GPS

MODEL NO.: TA1575GG

REV. NO.:6

A. MAXIMUM RATING:

1. Input Power Level: 10 dB_m
2. DC voltage: 5 V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -50°C to +100°C

RoHS Compliant
Lead free
Lead-free soldering

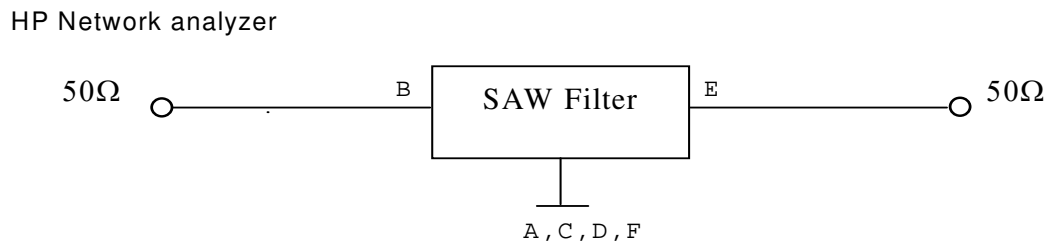
Electrostatic Sensitive Device (ESD)

B. ELECTRICAL CHARACTERISTICS:

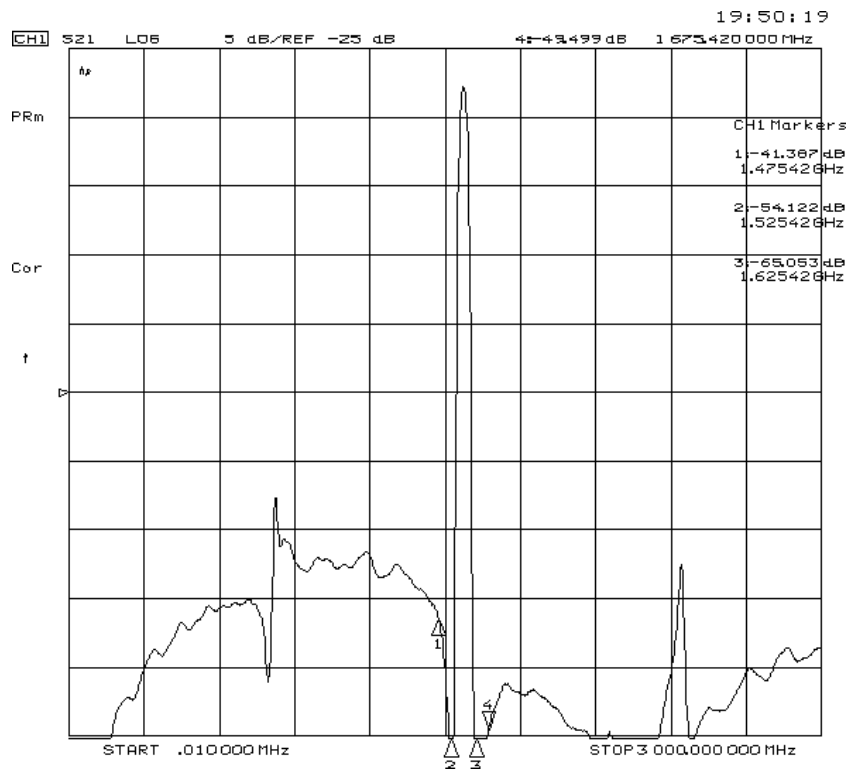
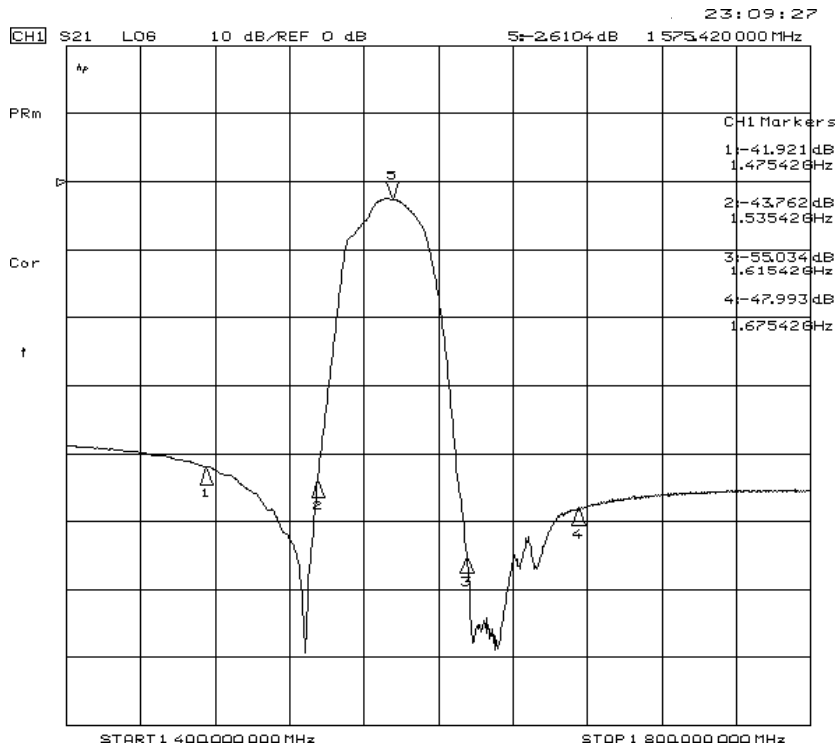
Item		Min.	Typ.	Max.
Center frequency	F_c (dB)	-	1575.42	-
Insertion loss (1574.42~1576.42 MHz)	IL (dB)	-	2.6	3.5
Amplitude ripple (1574.42~1576.42 MHz)	(dB)	-	0.1	1.5
Attenuation (Reference level from 0 dB)				
1475.42	MHz (dB)	35	42	-
1535.42	MHz (dB)	30	44	-
1615.42	MHz (dB)	30	55	-
1675.42	MHz (dB)	40	48	-
Input/Output VSWR (1574.42~1576.42 MHz)		-	1.5	2.5
Source impedance	Z_s (Ω)	-	50	-
Load impedance	Z_L (Ω)	-	50	-

Note1. The standard definitions is in JIS C 6703

C. MEASUREMENT CIRCUIT:

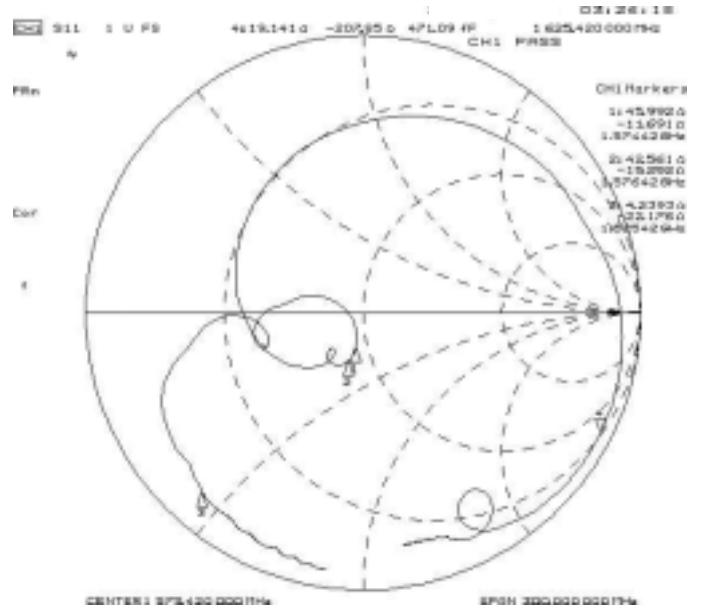
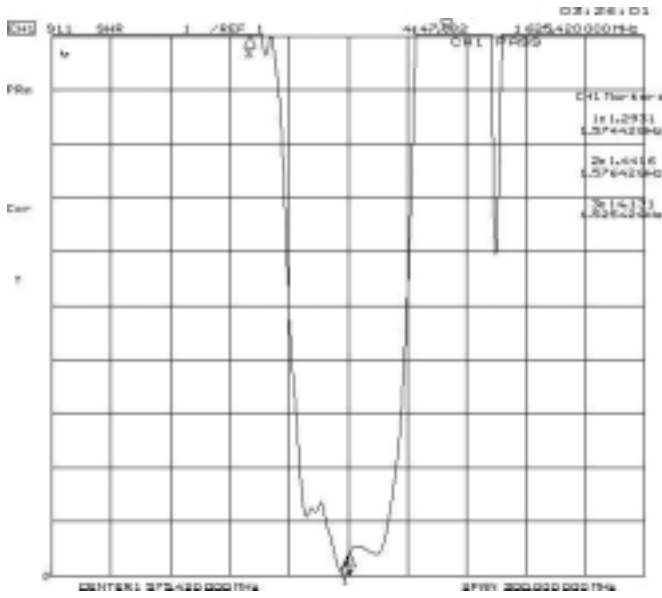


D. Frequency Characteristics : Transfer function



Reflections Functions :

S11



S22

