

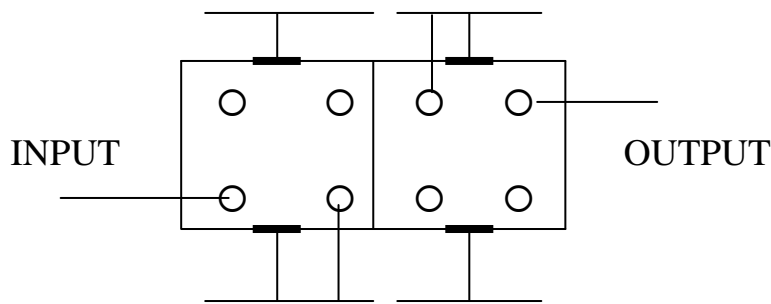
Helical Filter Specification Sheet

Issued Dated :

| | | | |
|---|------------|---|----------------|
| Customer Name | | Temwell's Part No. | TDWL2566B-957M |
| Approval No. /dated | 20208036DC | Customer's Part No. | |
| Work Instruction No. | 20208036DC | Date | 2002.08.12 |
| <input type="checkbox"/> Buyer Print name | | <input type="checkbox"/> Temwell,s print name | |
| Case Name | 5HW2 | Case size : | |
| Terminator Type | B | | |

* Pin Position (Pin Connection) diagram as following

(B) Type



(Bottom View)

(3) Electric Charasteric

| Item | Specify | Performance |
|--------------------------------|-----------------|-----------------|
| Center Freq.(Fo) +/- 0.5 % | 957 MHz | 957 MHz |
| Insertion Loss | Typ. 4.5 dB | 3.7 dB |
| -3 dB Bandwidth | Typ. 20 MHz | 22 MHz |
| Sensentivity (Attenuation) | Fo - 50 MHz | Typ. 23 dBc |
| | Fo +50 MHz | Typ. 19 dBc |
| | Fo - () MHz | Typ. dBc |
| | Fo +() MHz | Typ. dBc |
| Return Loss | Min. 12 dB | 15 dB |
| Ripple | < 1 dB | Db |
| Group Delay | ns | ns |
| Impedance | In / Out : 75 Ω | In / Out : 75 Ω |

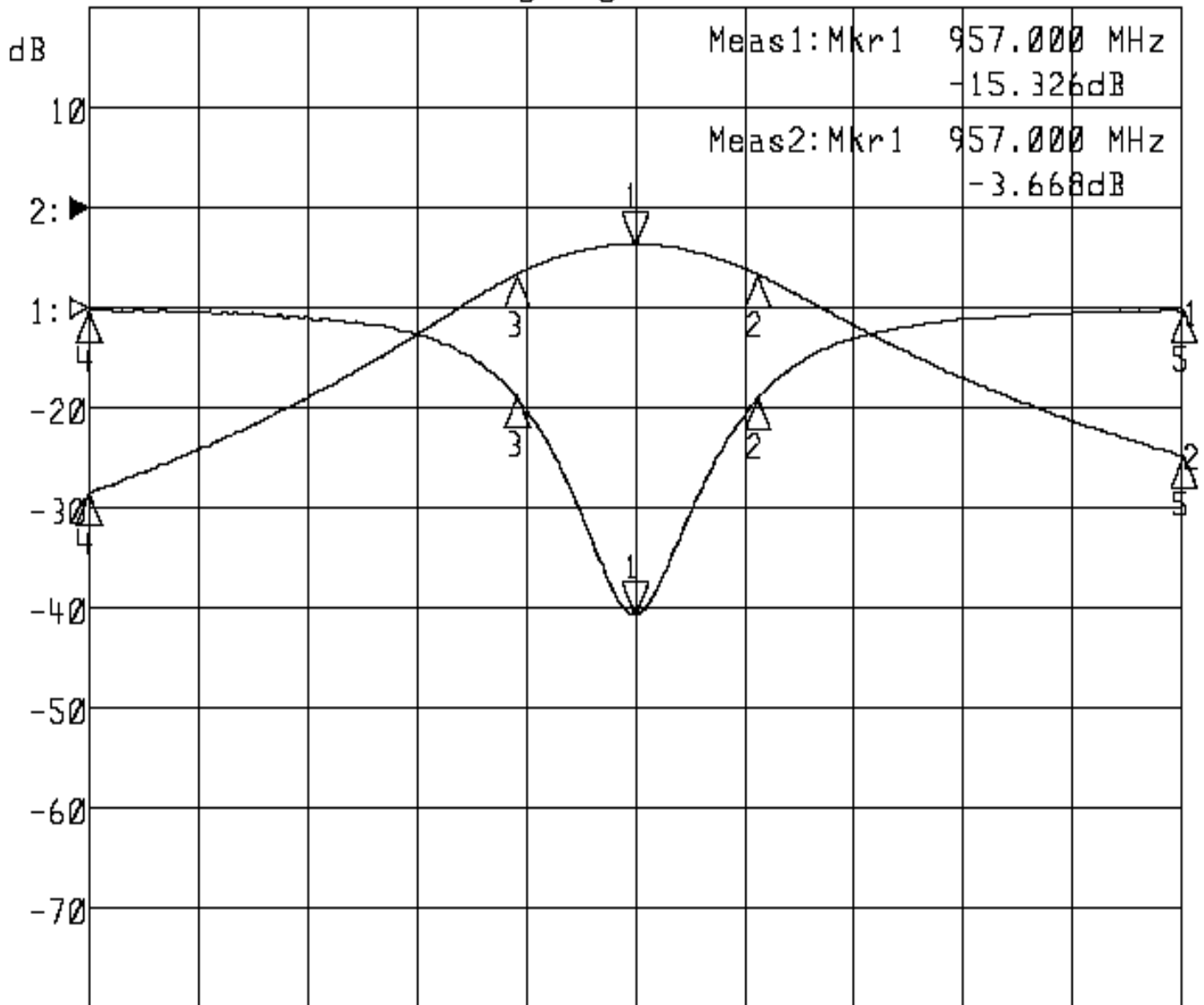
| | | | |
|---------------------|------------|------------|-----------------------------|
| Approval | Supervisor | Designer | Aperture size |
| C.Y.Chang | C.S.Chang | C.S.Chang | 5HW2S(3.8*3.7) 5HW024RB3 |
| TEMWELL CORPORATION | | 駿凱電技股份有限公司 | |

Performance-TDWL2566B-957M

20208036DC

▷1:S11 Refl Port1 Log Mag 5.0 dB/ Ref 0.00 dB C

▶2:S12 Rev Trans Log Mag 10.0 dB/ Ref 0.00 dB C



Center 957.000 MHz

Span 100.000 MHz

| 1: Mkr (MHz) | dB | 2: Mkr (MHz) | dB |
|--------------|---------|--------------|---------|
| 1> 957.0000 | -15.326 | 1> 957.0000 | -3.668 |
| 2: 968.2667 | -4.503 | 2: 968.2667 | -6.661 |
| 3: 946.1333 | -4.422 | 3: 946.1333 | -6.658 |
| 4: 907.0000 | -0.088 | 4: 907.0000 | -28.602 |
| 5: 1007.0000 | -0.182 | 5: 1007.0000 | -24.716 |