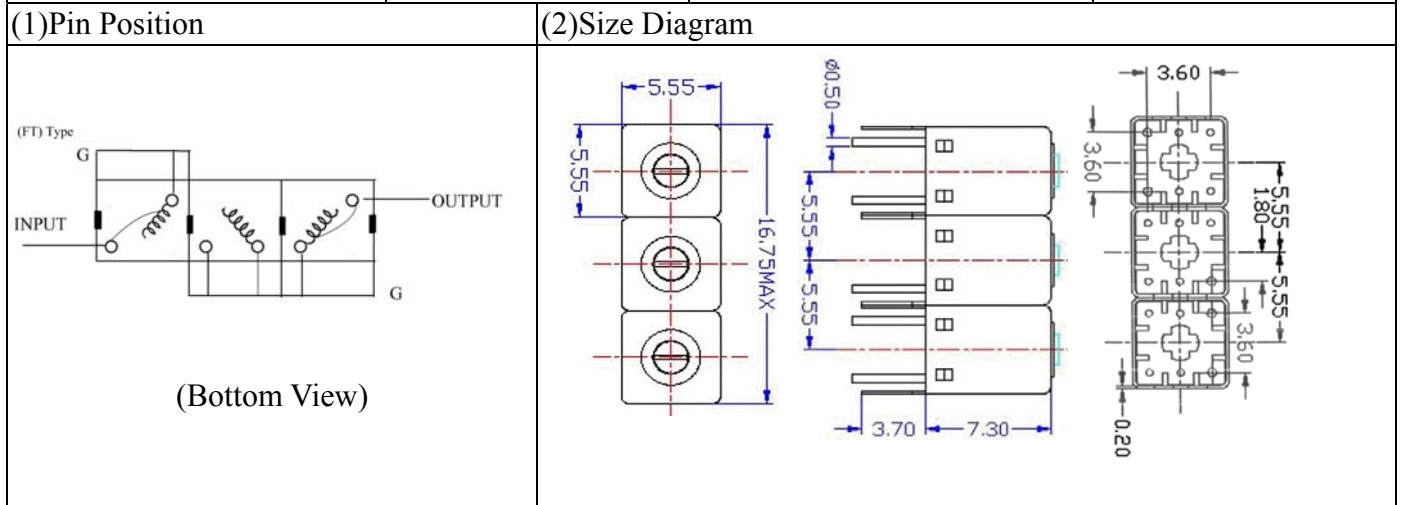


VHF UHF Helical Filter Specification Sheet

| | | | |
|----------------------|-------------|----------------------|----------------|
| Customer Name | | Temwell's Part No. | TTR3881FT-506M |
| Approval No. /dated | | Temwell's Print Name | 3881FT 506M |
| Work Instruction No. | 201002126CD | Date | Mar.17.2010 |



| (3) Electric Characteristic | | | |
|------------------------------|-----------------|-----------------|--------|
| Item | Specify | Performance | |
| Center Freq.(Fo) +/- 0.5 % | 506 MHz | 506 MHz | |
| Insertion Loss | Typ. 3.5 dB | 2.33 dB | |
| -3 dB Bandwidth | Typ. 20 MHz | 23.6 MHz | |
| Sensitivity (Attenuation) | Fo - 50 MHz | Typ. 40 dBc | 47 dBc |
| | Fo + 50 MHz | Typ. 25 dBc | 30 dBc |
| | Fo - ()MHz | Typ. dBc | dBc |
| | Fo +()MHz | Typ. dBc | dBc |
| Return Loss | Min. 12 dB | 33.0 dB | |
| Ripple | < 1 dB | dB | |
| Impedance | In / Out : 50 Ω | In / Out : 50 Ω | |

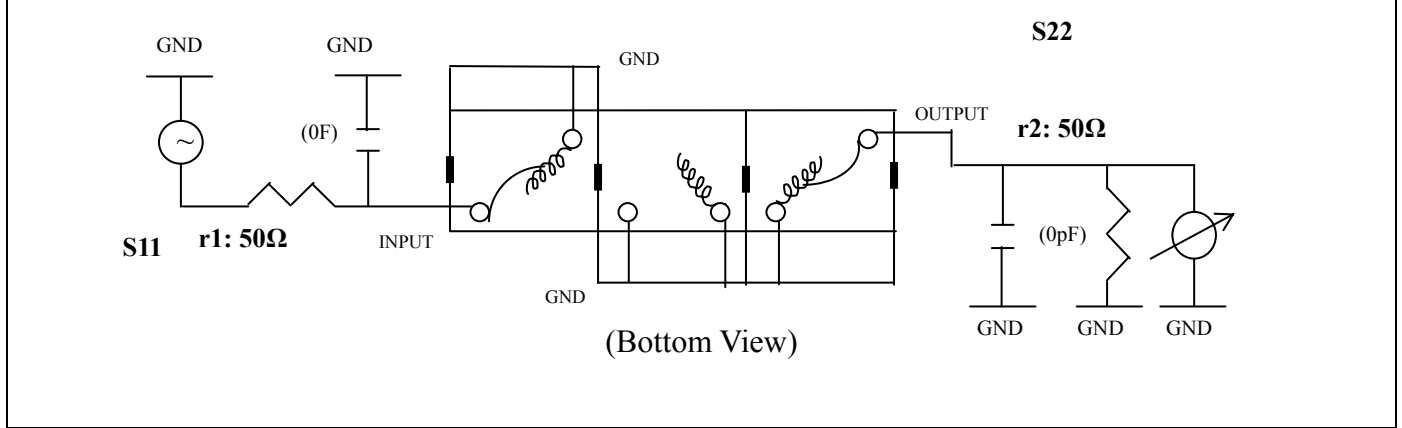
(4) Torque for Tuning Screw > 60gf · cm

(5) Temperature Condition:

| | |
|-----------------------|---------------|
| Operating Temperature | 0°C ~ +60°C |
| Storage Temperature | -20°C ~ +70°C |

(6) Input Power > 0.5Watt

(7) Measuring Circuit: ※Easy to match Impedance S11/S22 50Ω by parallel with about(0pF) / (0pF).

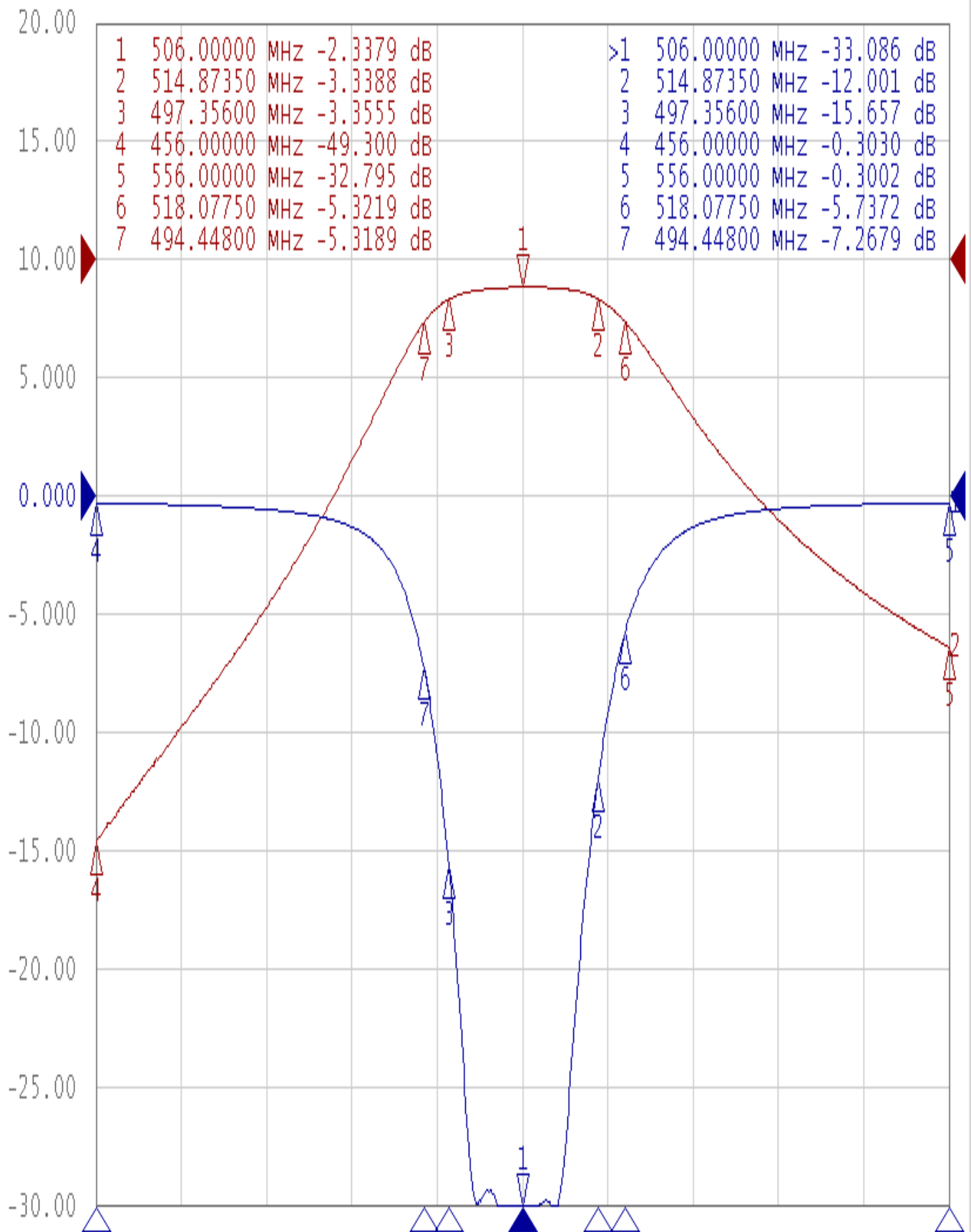


| | | | |
|-----------------------|-------------------------|-----------------------|---|
| Approval C.Y.Chang | Supervisor C.K.Chang | Designer C.S.Chang | Aperture size 5R3S(3.8*4.2)(4.24) 5HW024LB3 |
|-----------------------|-------------------------|-----------------------|---|

Performance-TTR3881FT-506M

201002126CD

Tr1 S11 Log Mag 5.000dB/ Ref 0.000dB [F2]
Tr2 S21 Log Mag 10.00dB/ Ref 0.000dB [F2]



1 Center 506 MHz

IFBW 10 kHz

Span 100 MHz Cor !