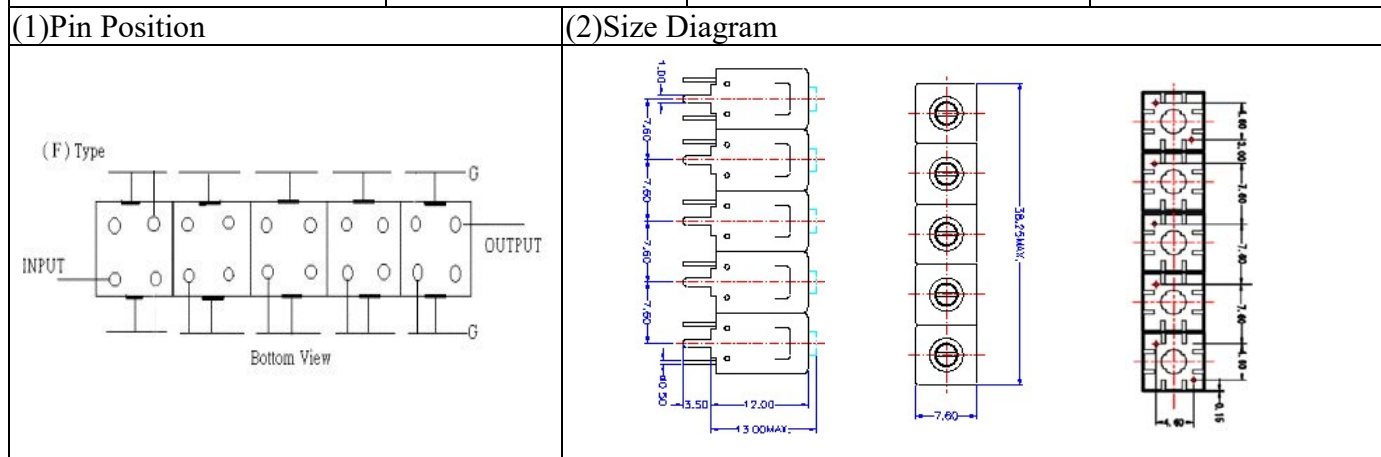


VHF UHF Helical Filter Specification Sheet

| | | | |
|----------------------|-------------|-----------------------|-----------------|
| Customer Name | | Temwell's Part No. | TV65362F-1300M |
| Approval No. /dated | 202002055CD | Temwell's Print Name. | 65362F 1300M |
| Work Instruction No. | 202002055CD | Date | Mar.13.2020 |



(3) Electric Character

| Item | Specify | Performance |
|------------------------------|-----------------|-----------------|
| Center Freq.(Fo) +/- 0.5 % | 1300 MHz | 1300 MHz |
| Insertion Loss | Typ. 2.0 dB | 1.09 dB |
| -3 dB Bandwidth | Typ. 200 MHz | 206.0 MHz |
| Sensitivity (Attenuation) | Fo - 300 MHz | Typ. 62 dBc |
| | Fo + 300 MHz | Typ. 39 dBc |
| | Fo - ()MHz | Typ. dBc |
| | Fo +()MHz | Typ. dBc |
| Return Loss | Min. 12 dB | 21.7 dB |
| Ripple | < 1 dB | dB |
| Impedance | In / Out : 50 Ω | In / Out : 50 Ω |

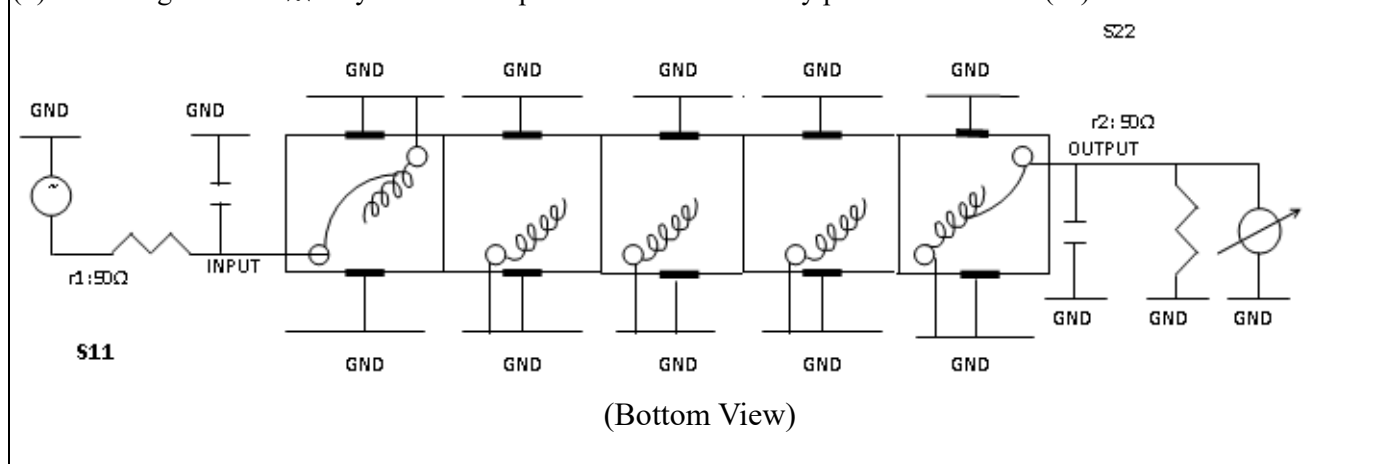
(4) Torque for Tuning Screw > 60gf · cm

(5) Temperature Condition:

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

(6) Input Power > 1 Watt

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

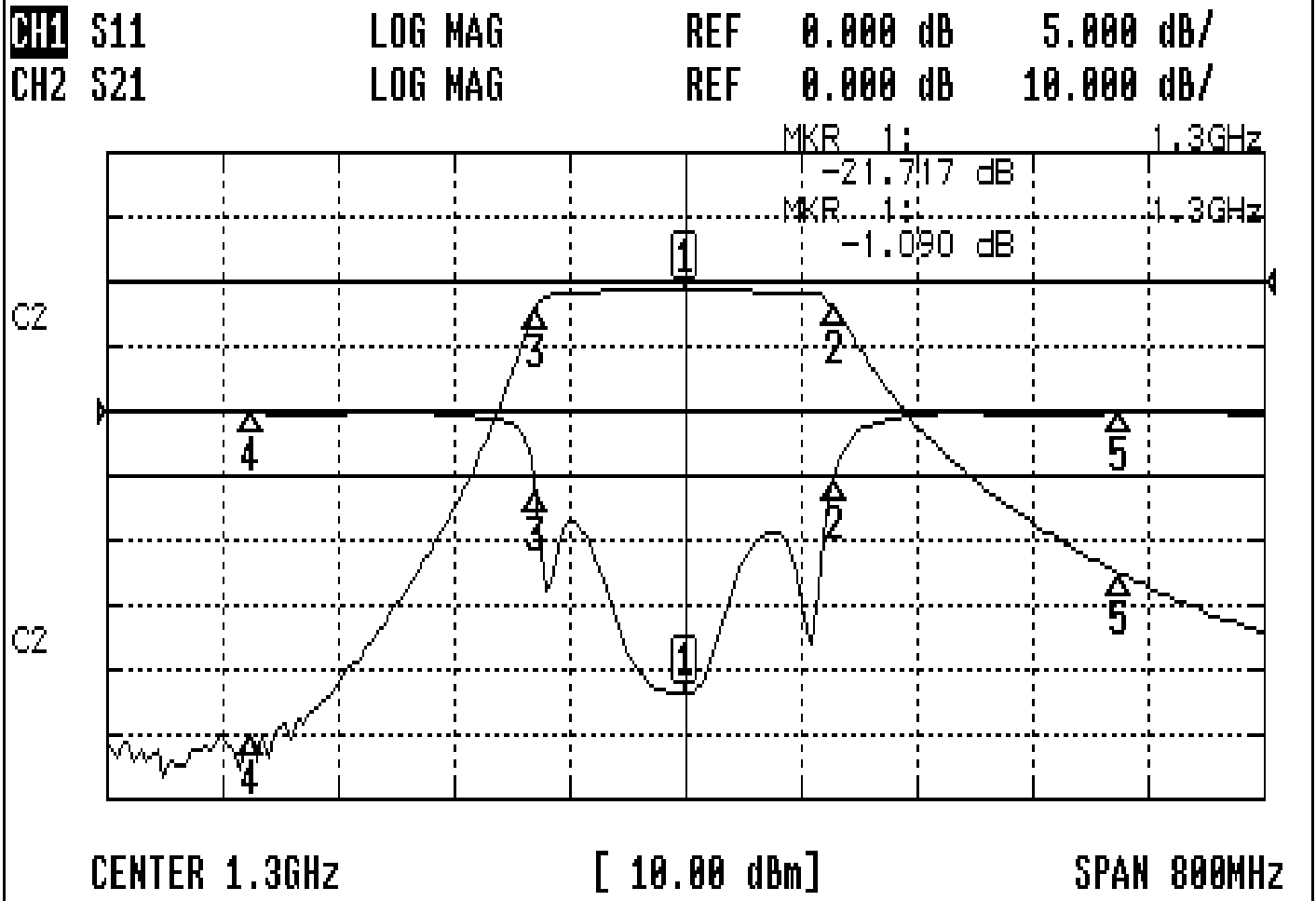


| | | | |
|-----------|------------|----------|------------------------------------|
| Approval | Supervisor | Designer | Aperture size |
| C.C.Chang | C.K.Chang | C.H.Yeh | 7H5S(4*8.0)(8.02) 7H046RB6.5-J1 |

TEMWELL CORPORATION

Performance- TV65362F-1300M

202002055CD



CH1 MARKER LIST

| Marker | Frequency (GHz) | Magnitude (dB) |
|--------|-----------------|----------------|
| 1 | 1.300 000 | -21.717 |
| 2 | 1.403 100 | -5.260 |
| 3 | 1.197 100 | -6.160 |
| 4 | 1.000 000 | -0.089 |
| 5 | 1.600 000 | -0.093 |

CH2 MARKER LIST

| Marker | Frequency (GHz) | Magnitude (dB) |
|--------|-----------------|----------------|
| 1 | 1.300 000 | -1.092 |
| 2 | 1.403 100 | -4.086 |
| 3 | 1.197 100 | -4.118 |
| 4 | 1.000 000 | -73.297 |
| 5 | 1.600 000 | -45.045 |