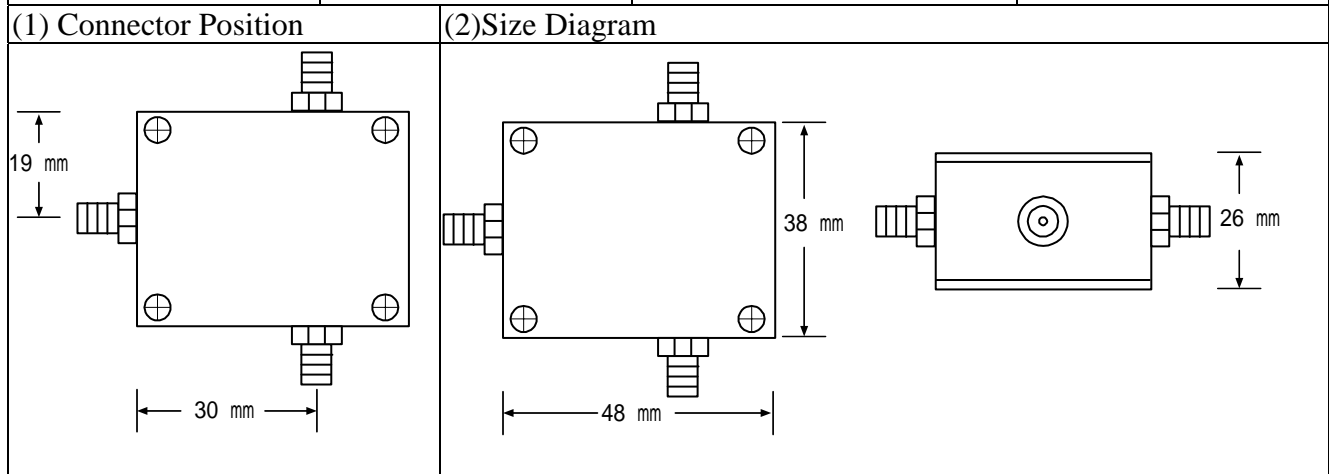


TEMWELL Diplexer Specification Sheet

| | | | |
|----------------------|----------|----------------------|-------------------------|
| Customer Name | | Temwell's Part No. | DiAR-3304-156M/460M-SMA |
| Approval No. /dated | 0806046D | Temwell's Print Name | |
| Work Instruction No. | 0806046D | Date | Jun.27.2008 |



(3) Electric Characteristic

| Item | Specify | Performance |
|--------------------------------|-----------------------|-----------------|
| Center Freq.(Fo) +/- 0.5 % | Port2 Typ. 156 MHz | 156 MHz |
| | Port3 Typ. 460 MHz | 460 MHz |
| -3 dB bandwidch | Port2 Typ. 35 MHz | 35.8 MHz |
| | Port3 Typ. 30 MHz | 30.5 MHz |
| Return Loss output 1 (S11) | Port2 Typ. >12 dB | 16.0 dB |
| | Port3 Typ. >12 dB | 19.0 dB |
| Return Loss output 2 (S22) | Typ. >12 dB | 18.0 dB |
| Return Loss output 3 (S33) | Typ. >12 dB | 17.5 dB |
| Insertion Loss (S21) | Typ. <1.6 dB | 1.54 dB |
| Insertion Loss (S31) | Typ. <1.6 dB | 1.46 dB |
| ISOLATION (S23) | > 60 dB | 61 dB |
| Impedance | In / Out : 50Ω | In / Out : 50 Ω |

(4) Torque for Tuning Screw > 100gf cm

(5) Temperature Condition:

| | |
|-----------------------|-----------|
| Operating Temperature | -30 ~ +70 |
| Storage Temperature | -30 ~ +80 |

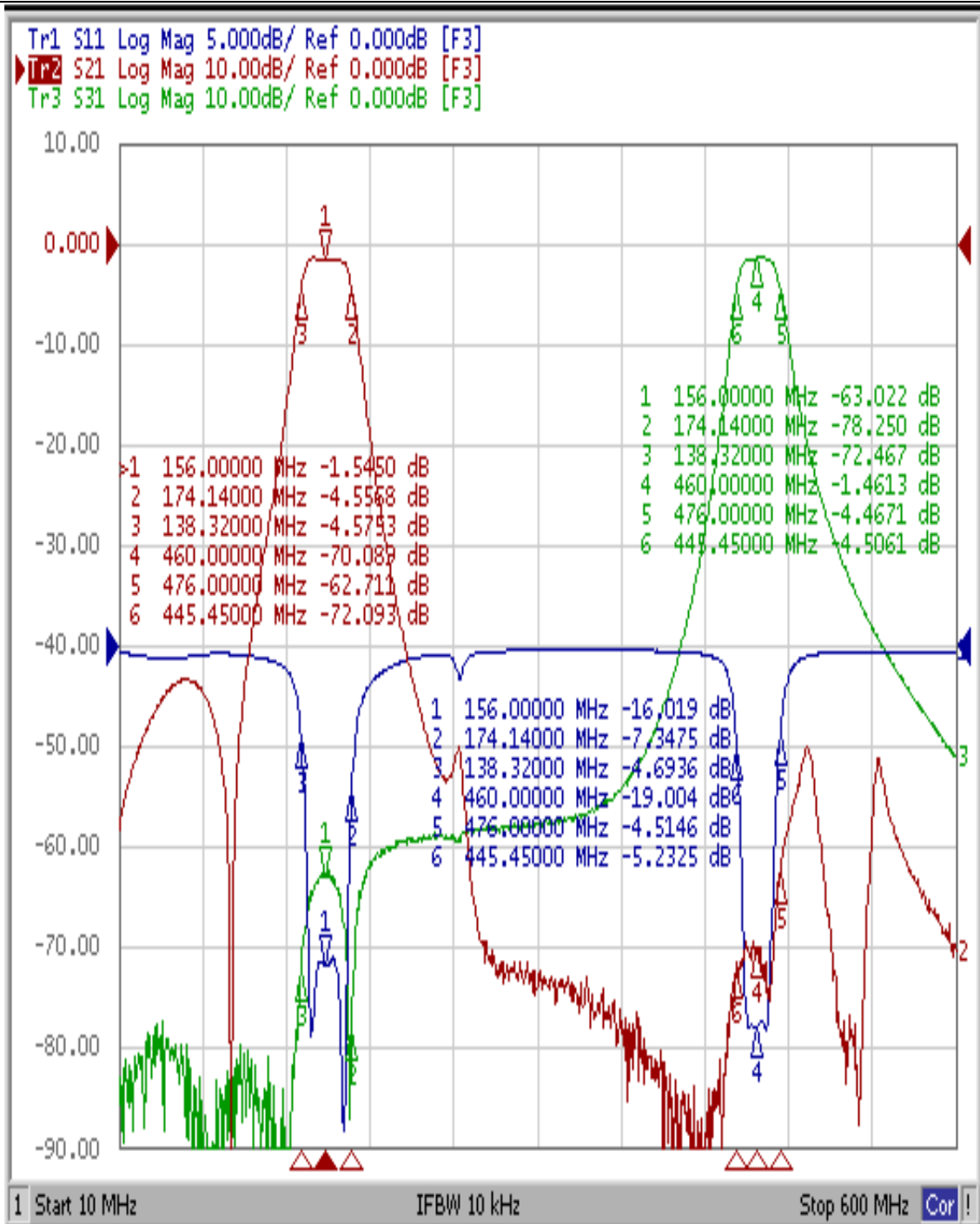
(6) Input Power > 20Watt

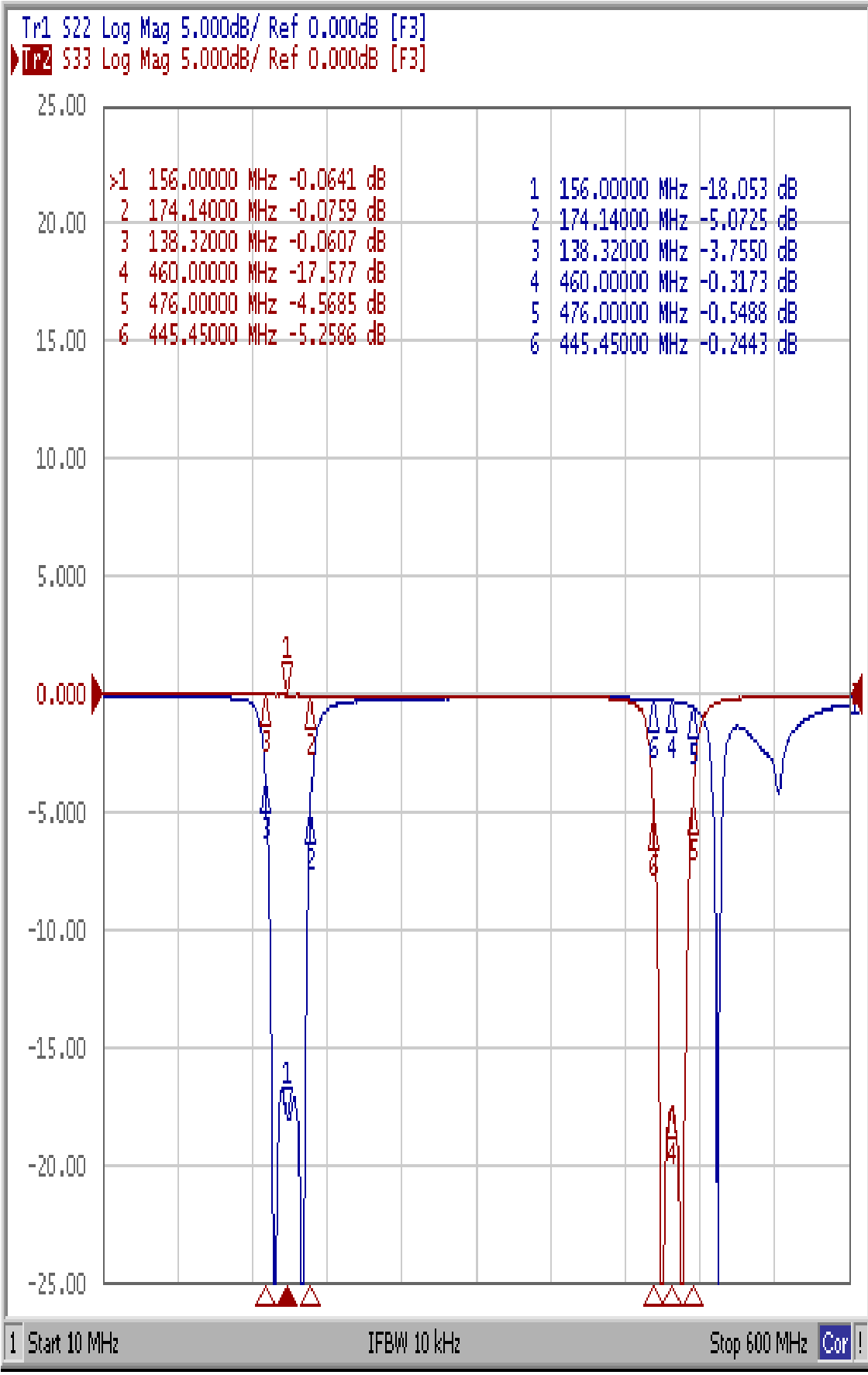
| | | | |
|-------------|------------|----------|---------------|
| Approval | Supervisor | Designer | Aperture size |
| C. Y. Chang | C.S. Chang | Y.H. Yeh | SMA Type |

TEMWELL CORPORATION

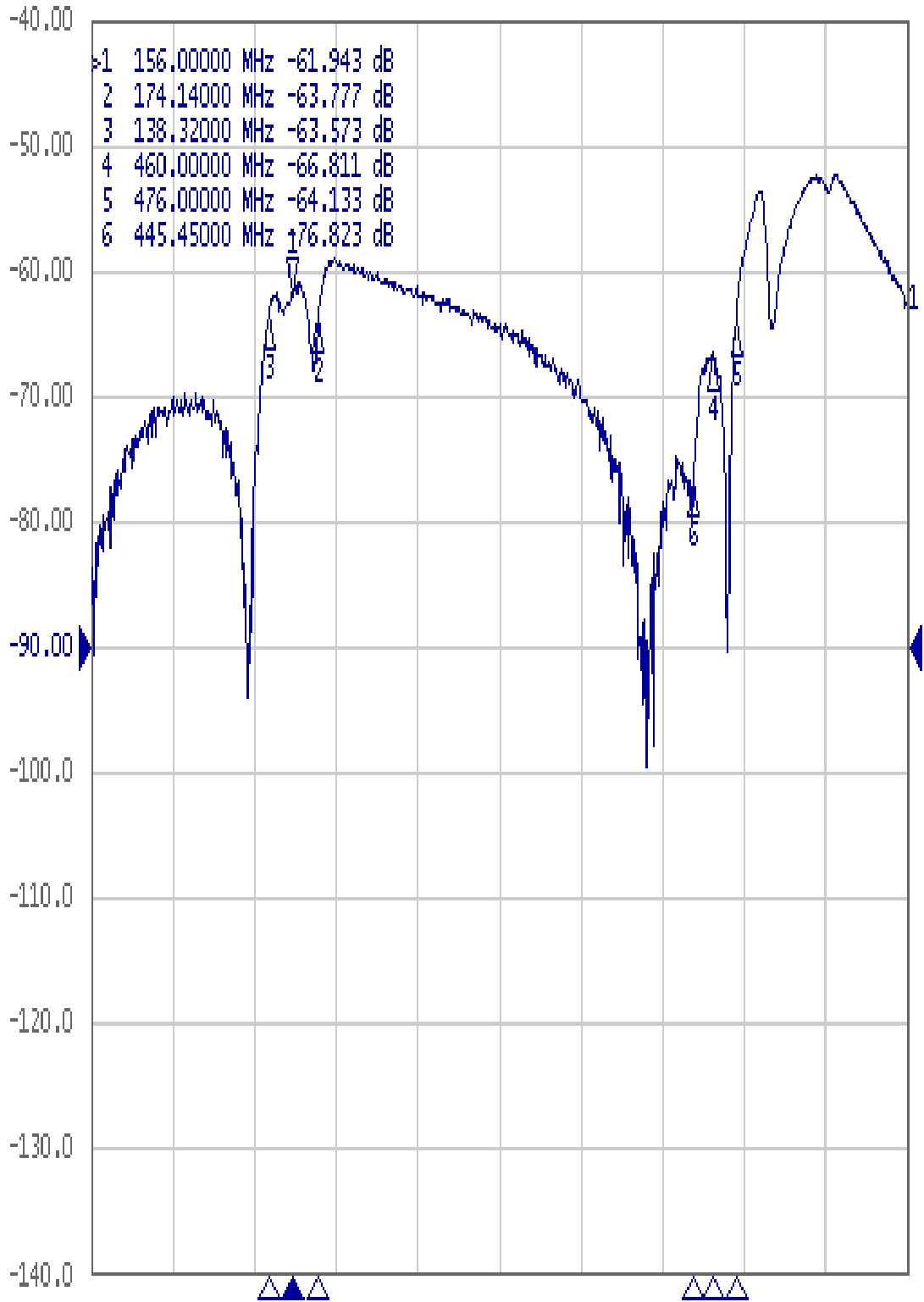
Performance-DiAR-3304-156M/460M

0806046D





▶ **Tp1** S23 Log Mag 10.00dB/ Ref -90.00dB [F3]



1 Start 10 MHz IFBW 10 kHz Stop 600 MHz Cor !