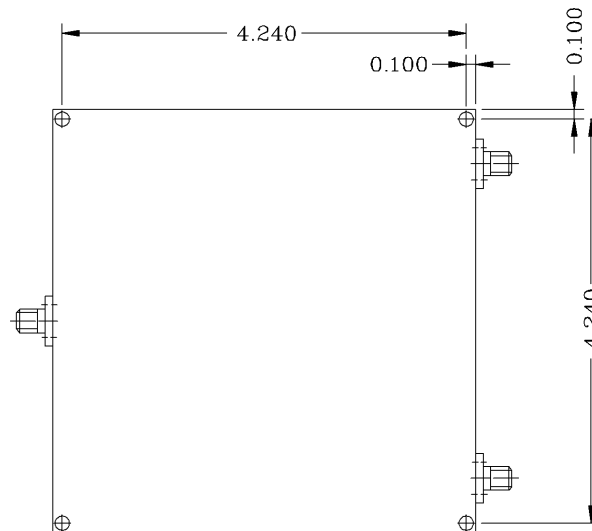
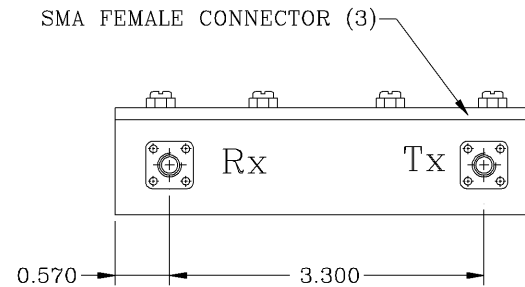
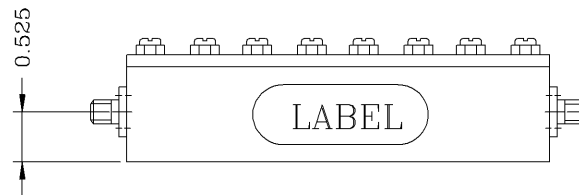
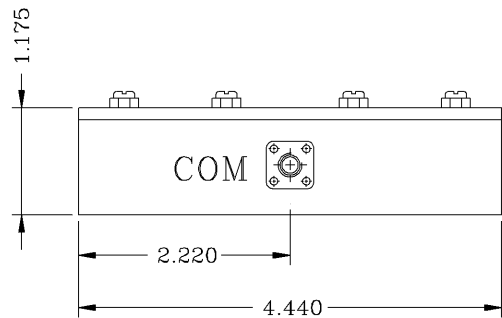
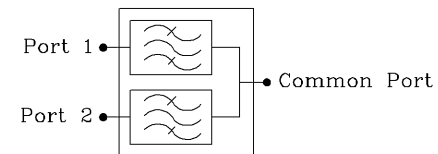


| REVISIONS | | | |
|-----------|--|------|----------|
| REV | | DATE | APPROVED |
| | | | |
| | | | |



M3 x .300 DP 4 PL



Electrical Specifications

- *Rx Pass Band Range [MHz] : 1710 to 1785
- *Tx Pass Band Range [MHz] : 1805 to 1880
- *Pass Band Insertion Loss [dB] : <1.2, 1.0 (Typ.)
- *Pass Band Ripple [dB] : < 0.5 P-T-P
- *Rx Attenuation @ 1805 to 1880 MHz [dB] : 55 (Min.), 60 (Typ.)
- *Tx Attenuation @ 1710 to 1785 MHz [dB] : 55 (Min.), 60 (Typ.)
- *Isolation Tx to Rx [dB] : 55 (Min.), 60 (Typ.)
- *Ultimate Stop Band Attenuation [dB] : 90 (Min.),
- *Pass Band Return Loss [dB] : -17 (Max.), <1.32:1
- *Input/Output Impedance : 50 ohm
- *RF Power Capability CW : 30 Watts
- *Input/Output @ DC Ground Potential

OPERATING TEMPERATURE RANGE: -10°C TO +75°C

PROPRIETARY DOCUMENT:
 THE CONTENTS OF THIS DOCUMENT WITH ALL INFORMATION AND PROCESSES ARE THE SOLE PROPERTY OF G-Way Microwave. THIS DOCUMENT MAY NOT BE DUPLICATED OR DISCLOSED TO ANY PARTY EXCEPT BY EXPRESSLY WRITTEN PERMISSION. THE ONLY AUTHORIZED USE OF THIS DOCUMENT BY A VENDOR IS FOR QUOTE PURPOSES AND SAID VENDOR AGREES NOT TO DISCLOSE ITS CONTENTS TO ANY THIRD PARTY. THIS DOCUMENT IS COPYRIGHTED 1998.

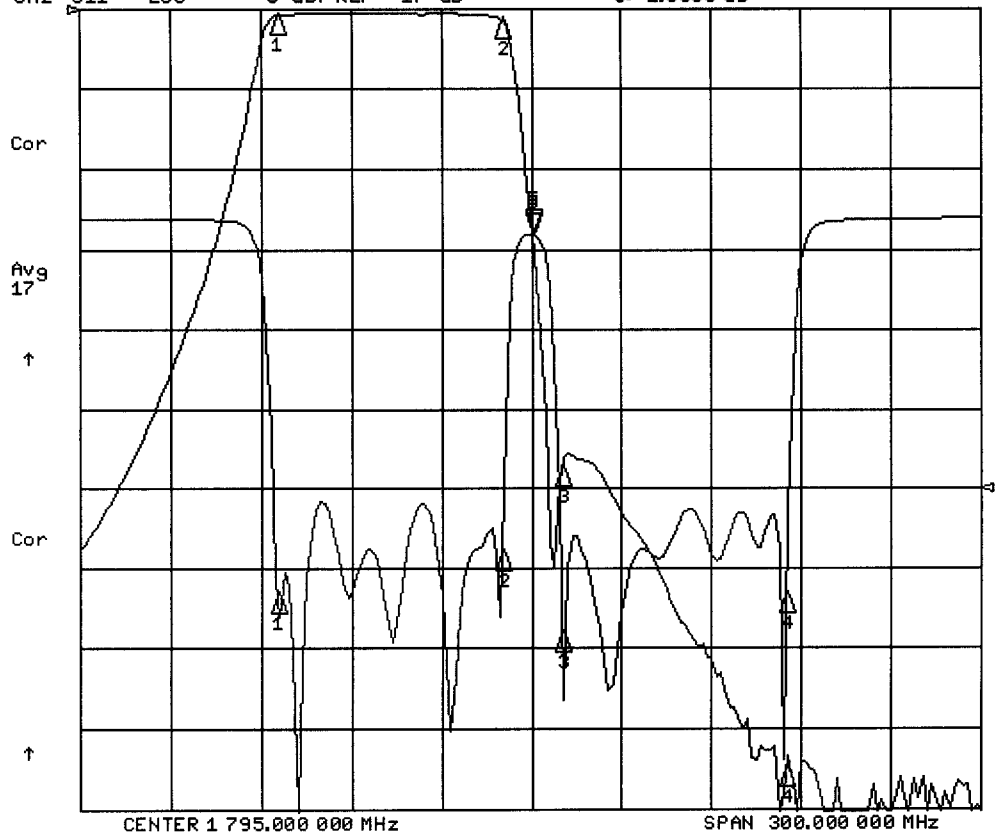
NOTES:

1. BREAK ALL CORNERS & EDGES.005/.010.
2. FINAL FINISH:
EPOXY GRAY - OPTIONAL

| | | | | | |
|---|-----------------------------------|-----------------|-------|------------------------|-----------------|
| DIMENSIONS ARE IN INCHES TOLERANCES ARE DECIMALS | | CONTRACT NO: | | G-Way Microwave | |
| ± 1° | X ± .05 XX ± .01 XXX ± .003 | APPROVALS | DATE | | |
| TREATMENT | CHECKED | DRAWN Segal | 08/00 | CD1795/75SK-B1 | |
| FINISH 63 | ENG. | DESIGN ACTIVITY | | SIZE A | CAGE CODE 3K1H4 |
| MATERIAL | | | | DWG NO: CD1795/75SK-B1 | REV. 0 |
| | | | | SCALE None | SHEET 1 OF 1 |

23 Apr 2008 08:55:33

CH1 S21 LOG 10 dB/REF 0 dB 5:-27.611 dB 1 795.000 000 MHz
 CH2 S11 LOG 5 dB/REF -17 dB 5:-1.0368 dB



CH1 Markers

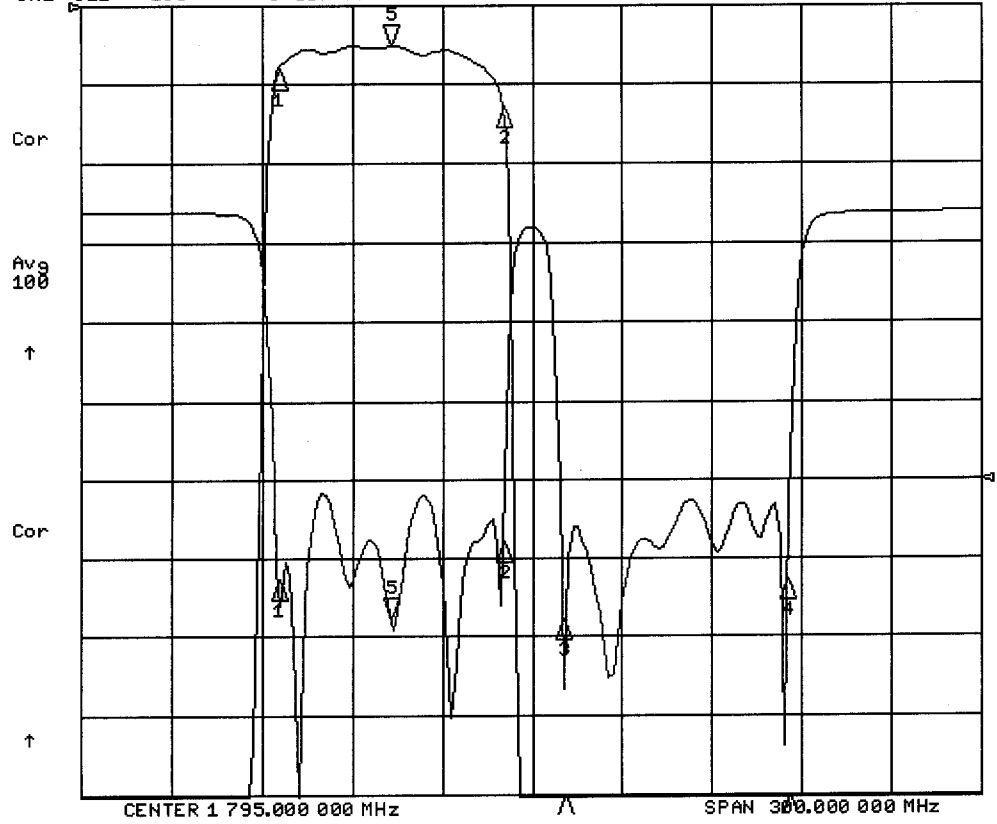
- 1:-80.990 dB
1.71000 GHz
- 2:-1.2941 dB
1.78500 GHz
- 3:-57.188 dB
1.80500 GHz
- 4:-94.902 dB
1.88000 GHz

CH2 Markers

- 1:-23.521 dB
1.71000 GHz
- 2:-20.990 dB
1.78500 GHz
- 3:-25.942 dB
1.80500 GHz
- 4:-23.541 dB
1.88000 GHz

23 Apr 2008 08:55:59

CH1 S21 LOG 1 dB/REF 0 dB 5:-.50810 dB 1 747.500 000 MHz
 CH2 S11 LOG 5 dB/REF -17 dB 5:-25.858 dB



CH1 Markers

- 1:-81.100 dB
1.71000 GHz
- 2:-1.2960 dB
1.78500 GHz
- 3:-57.219 dB
1.80500 GHz
- 4:-95.683 dB
1.88000 GHz

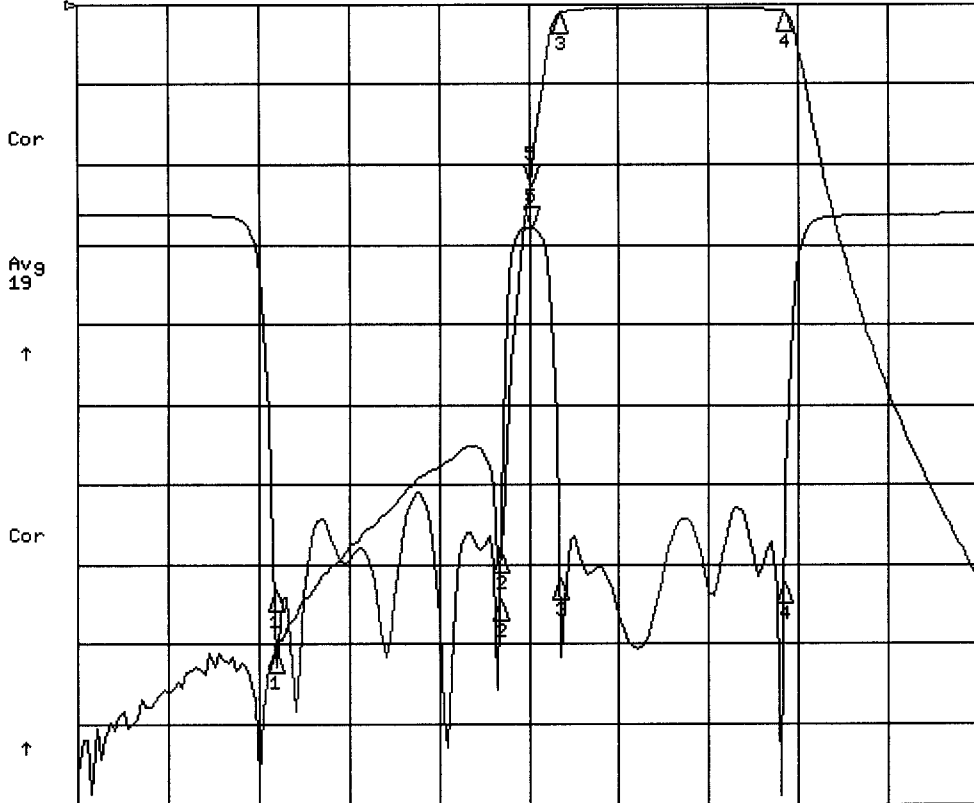
CH2 Markers

- 1:-23.459 dB
1.71000 GHz
- 2:-21.024 dB
1.78500 GHz
- 3:-26.001 dB
1.80500 GHz
- 4:-23.508 dB
1.88000 GHz

23 Apr 2008 08:56:38

CH1 S21 LOG 10 dB/REF 0 dB
CH2 S11 LOG 5 dB/REF -17 dB

5: -22.757 dB 1 795.000 000 MHz
5: -.94440 dB



CENTER 1 795.000 000 MHz

SPAN 300.000 000 MHz

CH1 Markers

- 1: -80.996 dB
1.71000 GHz
- 2: -68.436 dB
1.78500 GHz
- 3: -1.2201 dB
1.80500 GHz
- 4: -87870 dB
1.88000 GHz

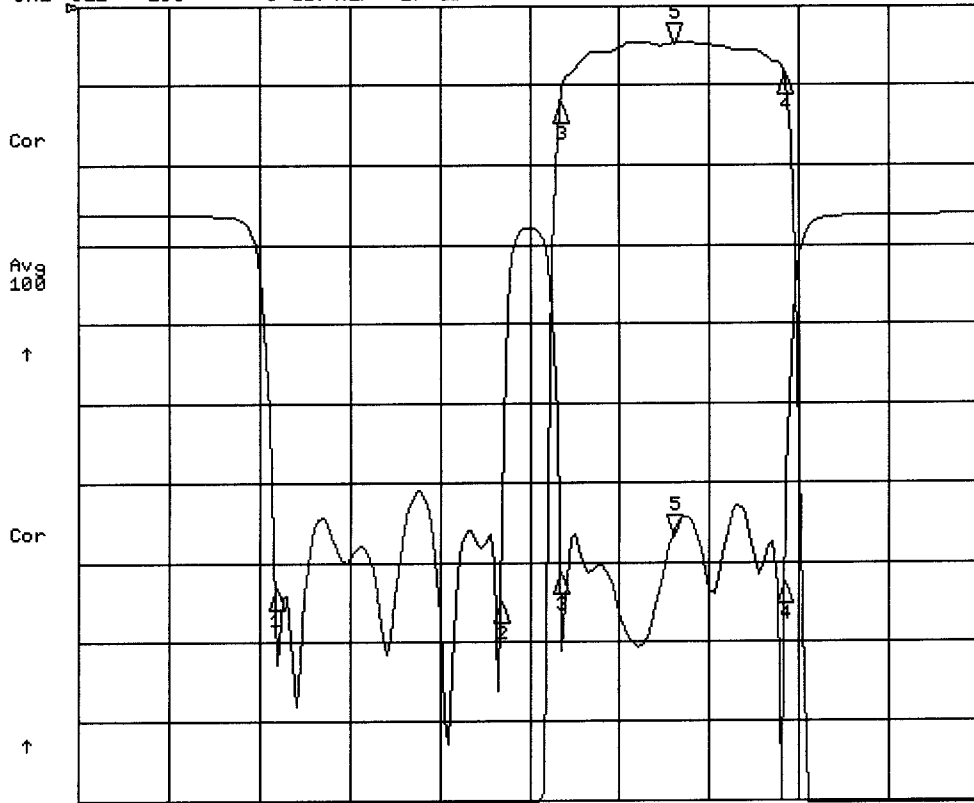
CH2 Markers

- 1: -23.715 dB
1.71000 GHz
- 2: -24.338 dB
1.78500 GHz
- 3: -22.906 dB
1.80500 GHz
- 4: -23.270 dB
1.88000 GHz

23 Apr 2008 08:56:56

CH1 S21 LOG 1 dB/REF 0 dB
CH2 S11 LOG 5 dB/REF -17 dB

5: -.47420 dB 1 842.500 000 MHz
5: -20.328 dB



CENTER 1 795.000 000 MHz

SPAN 300.000 000 MHz

CH1 Markers

- 1: -80.317 dB
1.71000 GHz
- 2: -68.430 dB
1.78500 GHz
- 3: -1.2224 dB
1.80500 GHz
- 4: -.88090 dB
1.88000 GHz

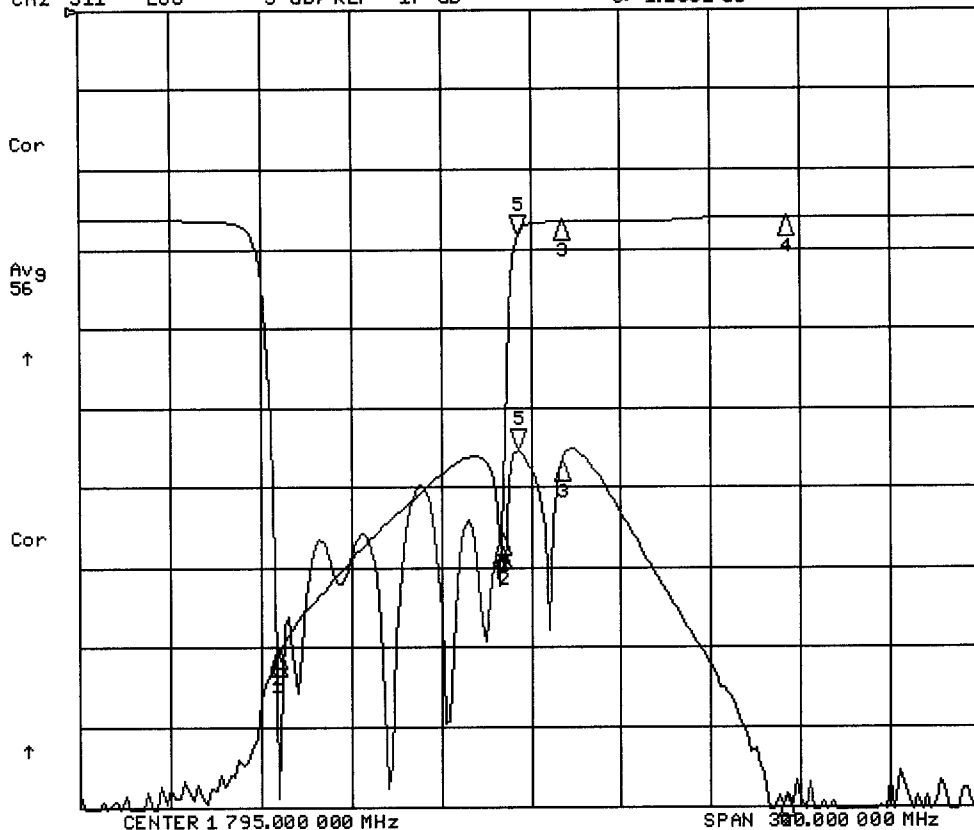
CH2 Markers

- 1: -23.695 dB
1.71000 GHz
- 2: -24.516 dB
1.78500 GHz
- 3: -22.712 dB
1.80500 GHz
- 4: -23.385 dB
1.88000 GHz
- 5: -20.328 dB
1.84250 GHz

23 Apr 2008 08:57:58

CH1 S21 LOG 10 dB/REF 0 dB
CH2 S11 LOG 5 dB/REF -17 dB

5:-55.458 dB 1 790.350 000 MHz
5:-1.2382 dB



CH1 Markers

- 1:-81.134 dB
1.71000 GHz
- 2:-67.639 dB
1.78500 GHz
- 3:-56.842 dB
1.80500 GHz
- 4:-99.001 dB
1.88000 GHz

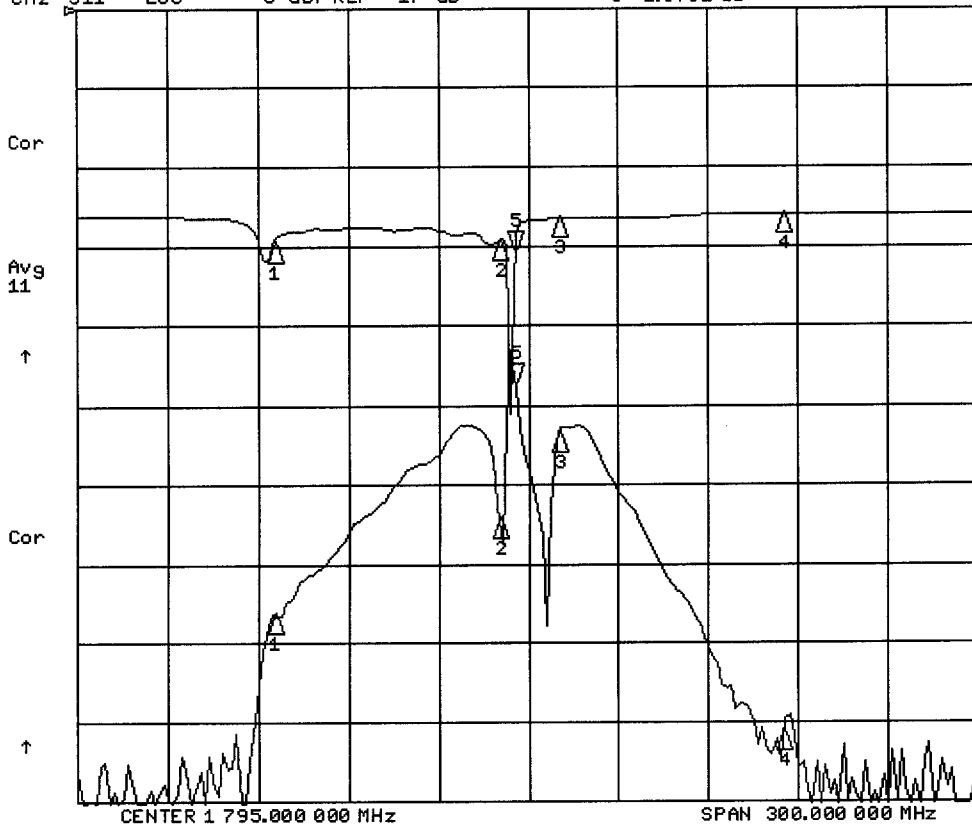
CH2 Markers

- 1:-27.077 dB
1.71000 GHz
- 2:-19.978 dB
1.78500 GHz
- 3:-27.810 dB
1.80500 GHz
- 4:-.01820 dB
1.88000 GHz

23 Apr 2008 08:58:04

CH1 S21 LOG 10 dB/REF 0 dB
CH2 S11 LOG 5 dB/REF -17 dB

5:-47.477 dB 1 790.350 000 MHz
5:-2.3762 dB



CH1 Markers

- 1:-76.325 dB
1.71000 GHz
- 2:-64.231 dB
1.78500 GHz
- 3:-53.409 dB
1.80500 GHz
- 4:-91.305 dB
1.88000 GHz

CH2 Markers

- 1:-1.7830 dB
1.71000 GHz
- 2:-1.7336 dB
1.78500 GHz
- 3:-2.7750 dB
1.80500 GHz
- 4:-.01840 dB
1.88000 GHz