



GENERAL SPECIFICATIONS

ELECTRICAL

FILTER TYPE	Bandpass
OPERATING PASSBAND	3 GHz
PASSBAND INSERTION LOSS*	3.5 dB (TYP)
INPUT/OUTPUT RETURN LOSS	15 dB (TYP)
REJECTION	60 dB min. @ 38.5 GHz 30 dB min. @ 46.0 GHz
POWER LEVEL	1 W Typ.

*INSERTION LOSS INCLUDES FIXTURING AND COAXIAL CONNECTOR LOSSES AS DISPLAYED IN CHARTS

MECHANICAL

SIZE / OUTLINE	0.620 x 0.296 x 0.020 inches (l,w,h)
WEIGHT	0.2g
RF INTERFACE	SMT/GOLD PLATING

ENVIRONMENTAL

OPERATING TEMPERATURE RANGE	-55° To + 125°, C
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THE MULTI-MIX MICROTECHNOLOGY[®] GROUP IS ISO-9001 REGISTERED



U.S. patent 6,099,677 and other patents pending

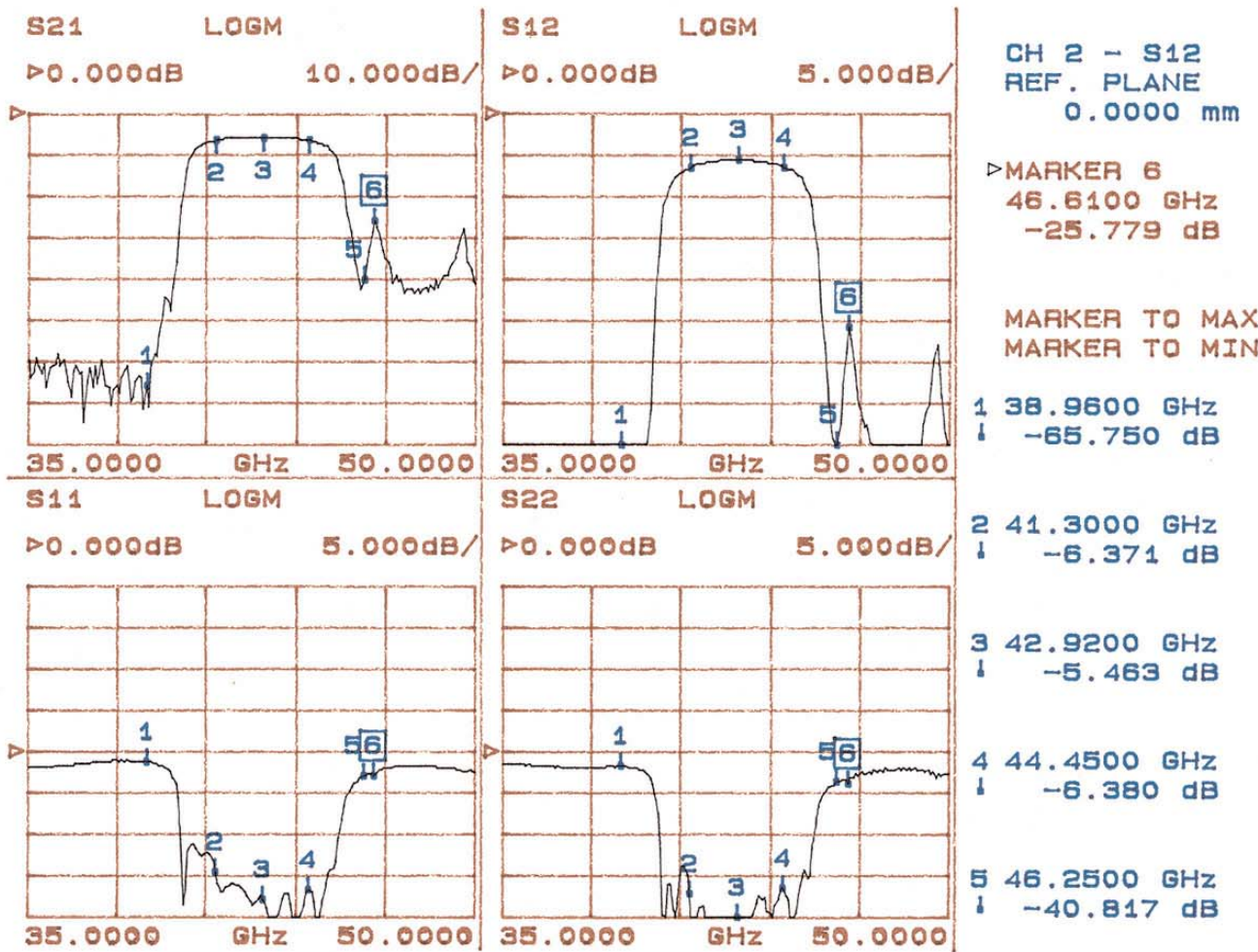
PERFORMANCE CHARTS

WILTRON

380 NETWORK ANALYZER

MODEL: FBMM 42.0G DATE: 8/14/03
 DEVICE: B-1 build on 7/23/03 OPERATOR:

START: 35.0000 GHz GATE START: ERROR CORR: 12 - TERM
 STOP: 50.0000 GHz GATE STOP: AVERAGING: 1 PTS
 STEP: 0.0900 GHz GATE: IF BNDWTH: MINIMUM
 WINDOW:



UNIT SOLDERED TO FIXTURE