



MATCHED HYBRID TEE DATA SHEET



CUSTOMER: Yonsei University S/O# 013063-0001
MODEL # QJH-ALFB00 S/N 13063001001

SPECIFICATONS

FREQUENCY RANGE	<u>26.5-40.0</u>	GHz
BALANCE	<u>0.5</u>	dB MAX
INSERTION LOSS	<u>0.5</u>	dB
RETURN LOSS H-PLANE	<u>14.0</u>	dB MIN
RETURN LOSS E-PLANE	<u>12.7</u>	dB MIN
E-PLANE to H-PLANE ISOLATION	<u>30.0</u>	dB TYP
ISOLATION COLINEAR ARMS	<u>20.0</u>	dB TYP

MEASURED DATA

FREQUENCY RANGE	<u>27.85 - 38.65</u>	GHz
BALANCE	<u>0.1</u>	dB MAX
INSERTION LOSS	<u>0.5</u>	dB
RETURN LOSS H-PLANE	<u>16.7</u>	dB MIN
RETURN LOSS E-PLANE	<u>13.7</u>	dB MIN
E-PLANE to H-PLANE ISOLATION	<u>>40.0</u>	dB TYP
ISOLATION COLINEAR ARMS	<u>21.2</u>	dB TYP

TEST TECH: J. Mitchell

DATE: 03/30/10

QUALITY: [Signature]

DATE: 03/31/10