



MATCHED HYBRID TEE DATA SHEET



CUSTOMER: Yonsei University S/O# 013063-0002
MODEL # QJH-VLFB00 S/N 13063002001

SPECIFICATONS

FREQUENCY RANGE	<u>50.0-75.0</u>	GHz
BALANCE	<u>0.5</u>	dB MAX
INSERTION LOSS	<u>1.0</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>50.0 - 72.5</u>	GHz
BALANCE	<u>0.1</u>	dB MAX
INSERTION LOSS	<u>0.9</u>	dB
RETURN LOSS H-PLANE	<u>15.0</u>	dB MIN
RETURN LOSS E-PLANE	<u>13.8</u>	dB MIN
E-PLANE to H-PLANE ISOLATION	<u>33.0</u>	dB TYP
ISOLATION COLINEAR ARMS	<u>21.6</u>	dB TYP

TEST TECH: J. Mitchell

DATE: 03/30/10

QUALITY: [Signature]

DATE: 03/31/10.



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MEASURED DATA

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E-PLANE to H-PLANE ISOLATION	<u>31.0</u>	dB TYP
ISOLATION COLINEAR ARMS	<u>20.5</u>	dB TYP

TEST TECH: J. Mitchell

DATE: 03/30/10

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