



COMMUNICATION MOTIVITY

# TEST DATA SHEET

Customer Code :

PO Number :

Job Number :

**Product Name : Diplexer**

Model Number : DX6063T

Customer P/N :

Serial Number : C2050410001

Tested by : Ryu One Ryul

Chassis NO(S) :

Date : 2004.10.19

SPEC. PARA.	PARAMETER		SPECIFICATION	TEST RESULTS			A/R	GRAPH NO.
				Min	Typical	Max		
1	Lower Band							
1-1	Pass Bend	GHz	59.700~61.700	59.700	60.700	61.700	A	
1-2	Insertion Loss	dB	Typical 3.0	1.7	2.0	2.9	A	
1-3	Return Loss	dB	Below -15		-15		A	
1-4	Group Delay	ns	Below 500			430	A	
1-5	Rejection	dBc	Above 75		75		A	
2	Upper Band							
2-1	Pass Bend	GHz	62.900~64.900	62.900	63.900	64.900	A	
2-2	Insertion Loss	dB	Typical 3.0	2.2	2.5	3.2	A	
2-3	Return Loss	dB	Below -15		-15		A	
2-4	Group Delay	ns	Below 500			430	A	
2-5	Rejection	dBc	Above 75		75		A	

EE APPROVED :                      DATE :                      INSPECTION :                      DATE :

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MODEL:		DATE:	10/23/2004	10:44	Page	1
DEVICE ID:		OPERATOR:				
START:	58.000000 GHz	GATE START:	-		ERROR CORR:	12-TERM
STOP:	65.000000 GHz	GATE STOP:	-		AVERAGING:	1 PT
STEP:	0.006250 GHz	GATE:	-		IF BNDWIDTH:	10 Hz
		WINDOW:	-			

PARAMETER:	-----CH1-----	-----CH3-----
NORMALIZATION:	-S11-	-S21-
REFERENCE PLANE:	OFF	OFF
SMOOTHING:	0.0000 mm	0.0000 mm
DELAY APERTURE:	0.0 PERCENT	0.0 PERCENT
	-	-

CH1: S11 FWD REFL  
LOG MAGNITUDE  
REF=0.000 dB  
5.000 dB/DIV

CH3: S21 FWD TRANS  
LOG MAGNITUDE  
REF=0.000 dB  
10.000 dB/DIV

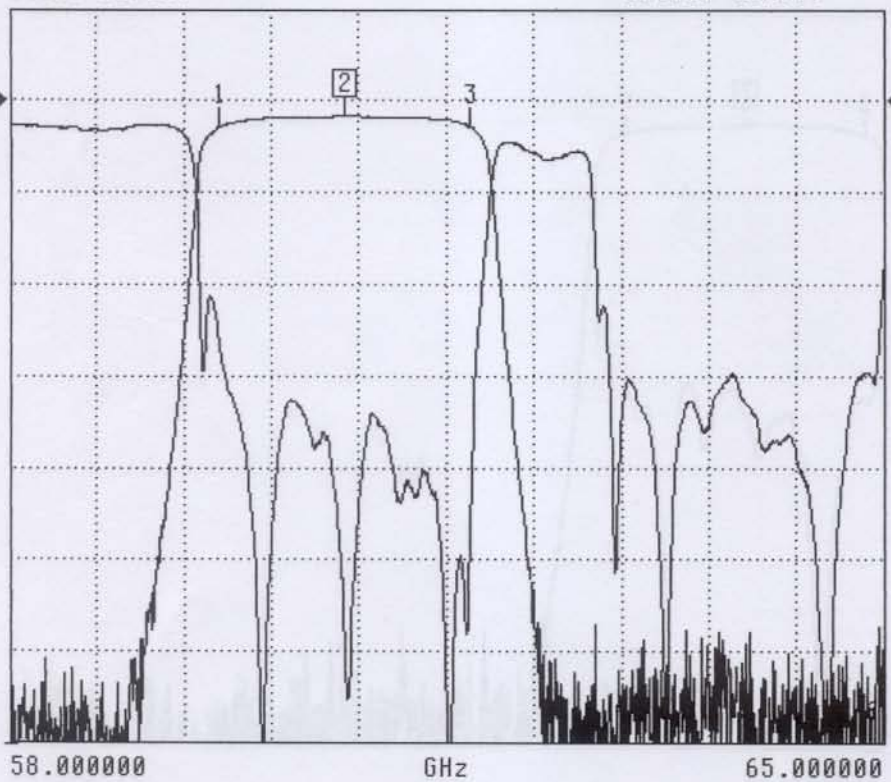
CH 3 - S21  
REFERENCE PLANE  
0.0000 mm

MARKER 2  
60.700000 GHz  
-1.659 dB

MARKER TO MAX  
MARKER TO MIN

- 1 59.700000 GHz  
-2.887 dB
- 3 61.700000 GHz  
-2.795 dB
- 4 62.900000 GHz  
-71.771 dB
- 5 63.900000 GHz  
-72.478 dB
- 6 64.900000 GHz  
-75.686 dB

MARKER READOUT  
FUNCTIONS



37397A

MODEL:  
DEVICE ID:

DATE: 10/23/2004 10:49  
OPERATOR:

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START: 58.000000 GHz  
STOP: 65.000000 GHz  
STEP: 0.006250 GHz

GATE START: -  
GATE STOP: -  
GATE: -  
WINDOW: -

ERROR CORR: 12-TERM  
AVERAGING: 1 PT  
IF BANDWIDTH: 10 Hz

PARAMETER:  
NORMALIZATION:  
REFERENCE PLANE:  
SMOOTHING:  
DELAY APERTURE:

-----CH1-----  
-S11-  
OFF  
0.0000 mm  
0.0 PERCENT

-----CH3-----  
-S21-  
DATA & MEMORY  
0.0000 mm  
0.0 PERCENT

CH1: S11 FWD REFL  
LOG MAGNITUDE  
REF=0.000 dB  
5.000 dB/DIV

CH3: S21 FWD TRANS  
LOG MAGNITUDE  
REF=0.000 dB  
10.000 dB/DIV

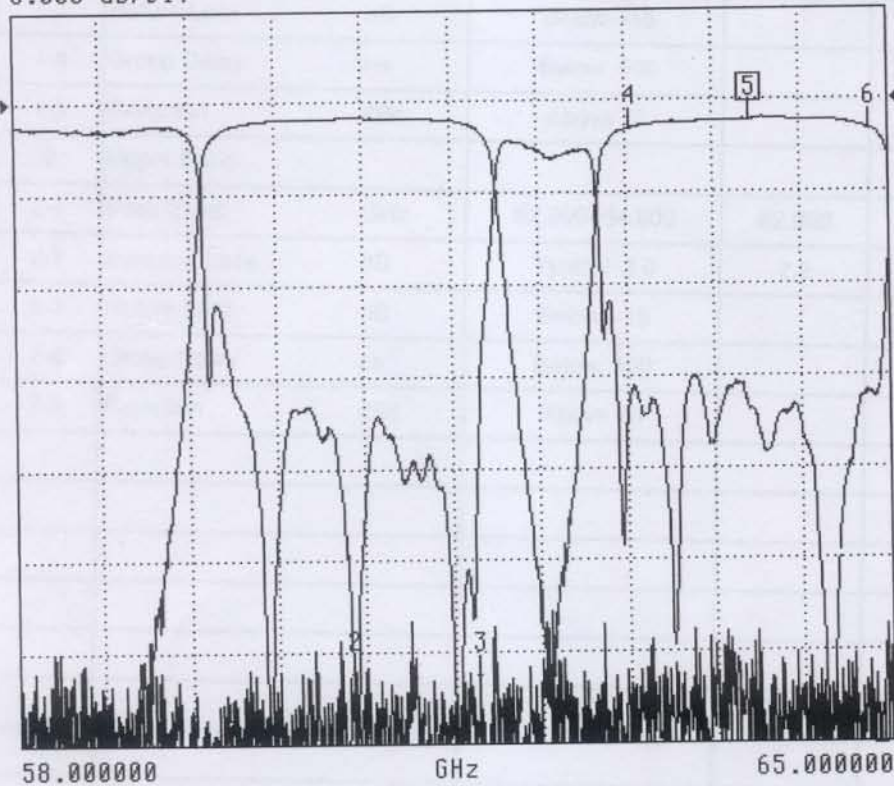
CH 3 - S21  
REFERENCE PLANE  
0.0000 mm

MARKER 5  
63.900000 GHz  
-2.175 dB

MARKER TO MAX  
MARKER TO MIN

- 1 59.700000 GHz  
-70.721 dB
- 2 60.700000 GHz  
-62.387 dB
- 3 61.700000 GHz  
-62.536 dB
- 4 62.950000 GHz  
-3.039 dB
- 6 64.850000 GHz  
-3.205 dB

MARKER READOUT  
FUNCTIONS



58.000000

GHz

65.000000