



COMMUNICATION MOTIVITY

# TEST DATA SHEET

Customer Code :

PO Number :

Job Number :

**Product Name : Band Pass Filter**

Model Number : FT2900FW  
Serial Number : C7020603001  
Chassis NO(S) :

Customer P/N :  
Tested by : one ryul. Ryu  
Date : 2006.03.16

SPEC. PARA.	PARAMETER	SPECIFICATION	TEST RESULTS			A/R	GRAPH NO.
			Min	Typical	Max		
1-1	Pass Band      GHz	28.71 ~ 29.29	28.71		29.29		1
1-2	Insertion Loss    dB	Below 2.0		0.6	0.88		1
1-3	Return Loss        dB	Below -15		-20			1
1-4	Rejection          dBc/GHz	Above 65		70			1

EE APPROVED : DATE : 2006. 03. 16      INSPECTION : DATE : 2006. 03. 16

FORM NO. :

Comotech Corporation

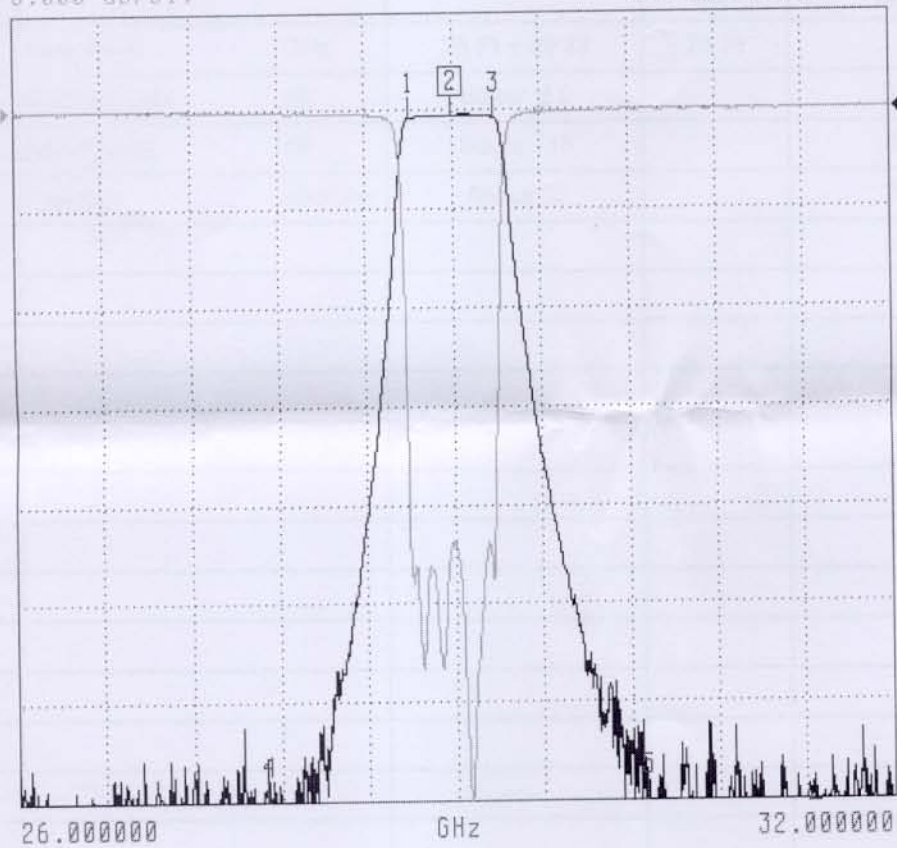
<http://www.comotech.com>

# TEST DATA SHEET

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  
29.000000 GHz  
-0.505 dB

MARKER TO MAX  
MARKER TO MIN

1 28.706250 GHz  
-0.876 dB

3 29.293750 GHz  
-0.756 dB

4 27.700000 GHz  
-70.346 dB

5 30.300000 GHz  
-70.182 dB

MARKER READOUT  
FUNCTIONS

Figure1. S21 & S11



COMMUNICATION MOTIVITY

# TEST DATA SHEET

Customer Code :

PO Number :

Job Number :

**Product Name : Band Pass Filter**

Model Number : FT2900FW

Customer P/N :

Serial Number : C7020603002

Tested by : one ryul. Ryu

Chassis NO(S) :

Date : 2006.03.16

SPEC. PARA.	PARAMETER	SPECIFICATION	TEST RESULTS			A/R	GRAPH NO.	
			Min	Typical	Max			
1-1	Pass Band	GHz	28.71 ~ 29.29	28.71		29.29		1
1-2	Insertion Loss	dB	Below 2.0		0.6	0.78		1
1-3	Return Loss	dB	Below -15		-20			1
1-4	Rejection	dBc/GHz	Above 65		66			1

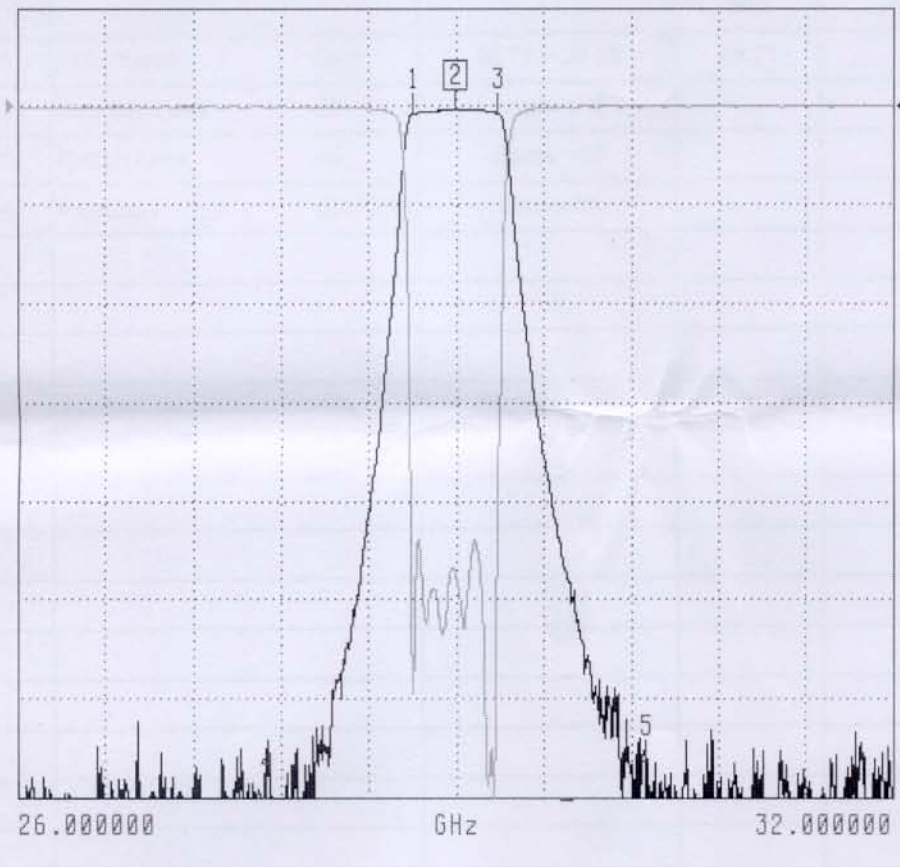
EE APPROVED: *Paul* DATE: 2006. 03. 16 INSPECTION: *hoo* DATE: 2006. 03. 16

# TEST DATA SHEET

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  
29.000000 GHz  
-0.445 dB

MARKER TO MAX  
MARKER TO MIN

- 1 28.706250 GHz  
-0.784 dB
- 3 29.293750 GHz  
-0.733 dB
- 4 27.700000 GHz  
-71.779 dB
- 5 30.300000 GHz  
-66.383 dB

MARKER READOUT  
FUNCTIONS

Figure1. S21 & S11