



TEST DATA SHEET

Customer Code : 연세대학교

PO Number :

Job Number :

Product Name : Coupler

Model Number : CP3010C

Customer P/N :

Serial Number : C9500505001

Tested by : hyung dong. Choi

Chassis NO(S) :

Date : 2005.05.07

SPEC. PARA.	PARAMETER		SPECIFICATION	TEST RESULTS			A/R	Figure NO.
				Min	Typical	Max		
1	Frequency Range	GHz	28 ~ 32GHz	28		32		1
2	S21	dB	1.0		0.7			1
3	S31	dB	-10		-10.5			2
3	VSWR		1.5:1		1.30:1			1
4	Isolation(S41)	dB			20	30		3

EE APPROVED : *[Signature]* DATE : 2005. 5. 07

INSPECTION : *[Signature]* DATE : 2005. 5. 07

FORM NO. :

Comotech Corporation

<http://www.comotech.com>

10dB Coupler

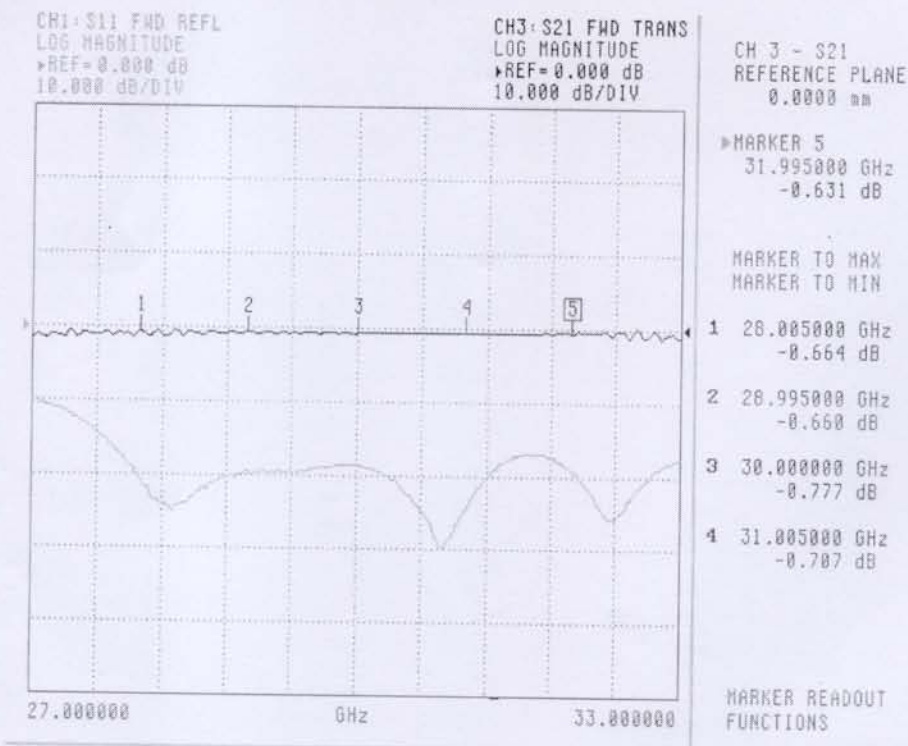


Figure1. Through(S21)

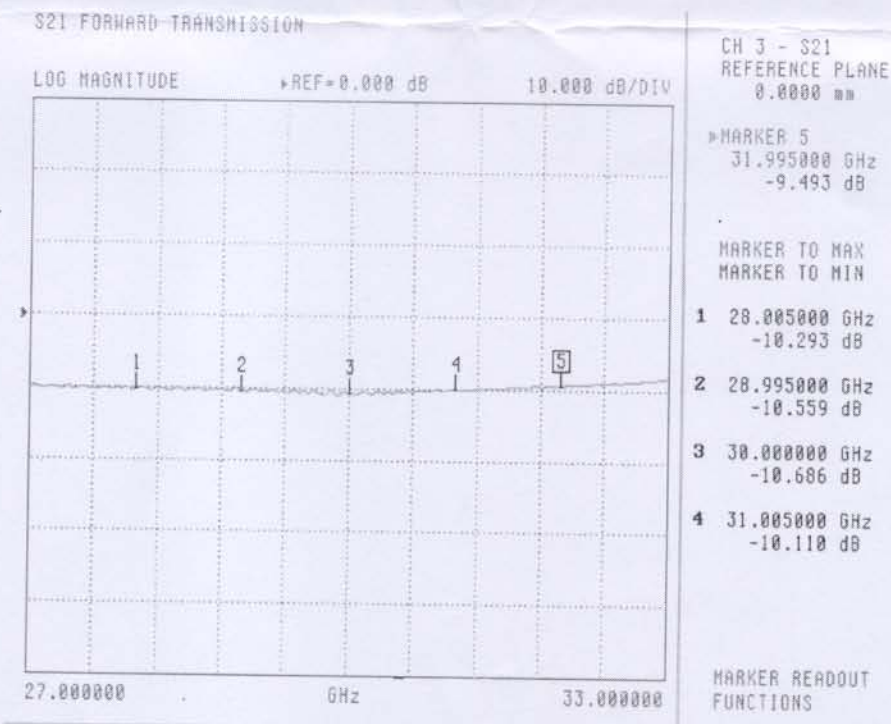


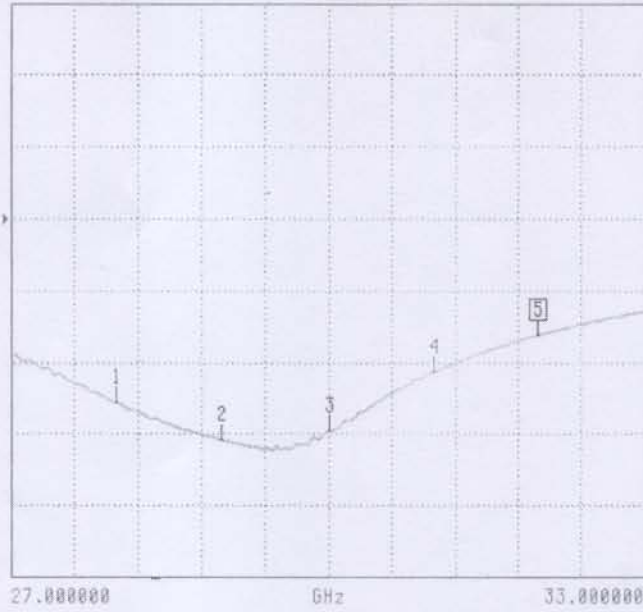
Figure2. Coupling(S31)

S21 FORWARD TRANSMISSION

LOG MAGNITUDE

REF=0.000 dB

10.000 dB/DIV



CH 3 - S21
REFERENCE PLANE
0.0000 mm

MARKER 5
31.995000 GHz
-16.249 dB

MARKER TO MAX
MARKER TO MIN

- 1 28.005000 GHz
-25.681 dB
- 2 28.995000 GHz
-30.877 dB
- 3 30.000000 GHz
-29.644 dB
- 4 31.005000 GHz
-21.362 dB

MARKER READOUT
FUNCTIONS

Figure3. Isolation(S41)