

[Application Note]

- PART Name : BLB01
- TEST FREQUENCY : 400~1000MHz
- Main Application Goal : BW
- Measuring Equipment List

Network Analyzer : N5242A , Signal : E4438C & IFR3416, Spectrum Analyzer : E4440A

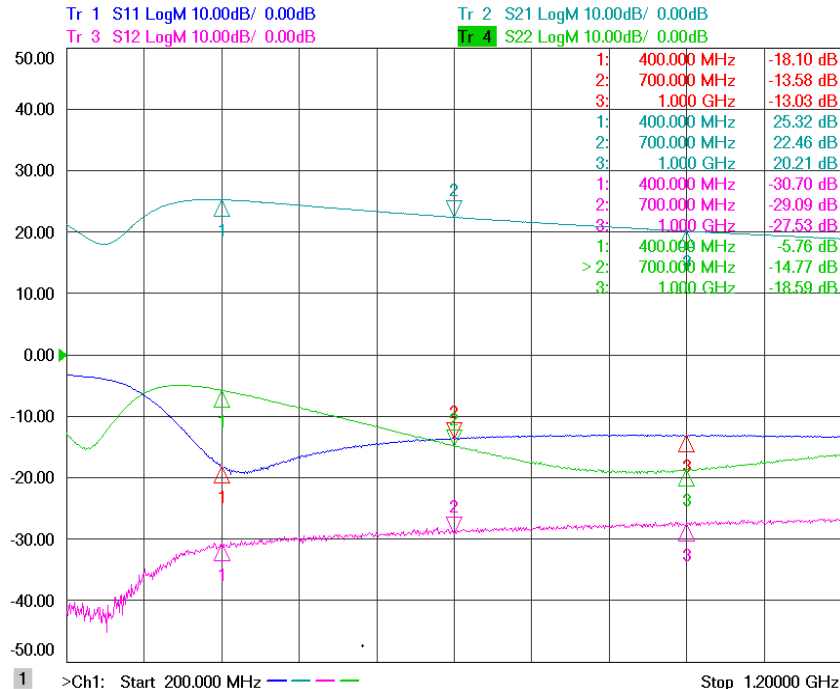
Test Result :

Frequency	MHz	400	700	1000	Mark
Gain	dB	25.3	22.5	20.2	
S11	dB	-18.1	-13.6	-13.0	
S22	dB	-30.7	-29.1	-27.5	
OIP3	dBm	32.3	35.6	34.2	@0dBm/tone
P1	dBm	20.9	21.4	20.0	
Current	mA	69			Vcc = 5V

Appendix: TEST items available to change depending on the situation.

*Application Circuit_400~1000MHz			
Schematic Diagram	BOM		Marks
	C1	0603	100pF
	C2	0603	12pF
	C3	0603	12pF
	C4	0603	100pF
	L1	0603	27nH
	L2	0603	82nH
	R1	0603	6.8kohm
	R2	0603	0ohm
	U1	DFN2x2	BLB01
E/B Configuration	Marks		

[S-parameter]



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