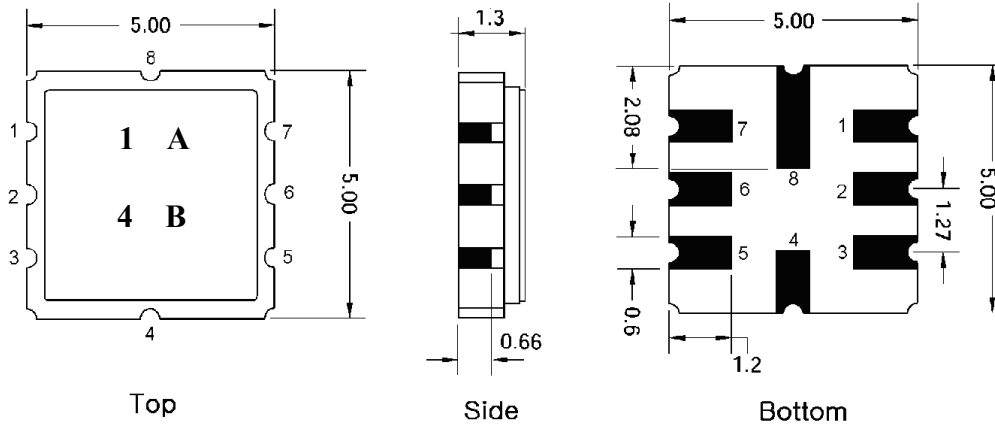


■ **Electrical Specifications**

Item	Unit	Condition	Min	Typ	Max
Center Frequency	MHz	Fc	169.0		
Pass Band Width	MHz	168.5~169.5 MHz	-	1.0	-
Insertion Loss	dB	Pass Band	-	1.3	2.5
Pass Band Ripple	dB	Pass Band	-	0.3	1.0
VSWR	-	Pass Band	-	1.4	2.0
Stop Band Rejection (Absolute Attenuation)	dB	119MHz ~ 139 MHz	49	54	-
		139MHz ~ 154 MHz	47	52	-
		199MHz ~ 219 MHz	41	51	-
Terminating Impedance	Ω	50			
Operating Temperature	℃	-30 ~ +70			
Storage Temperature	℃	-40 ~ +85			
Maximum DC Voltage	V	5			
Maximum Input Power	dBm	10			

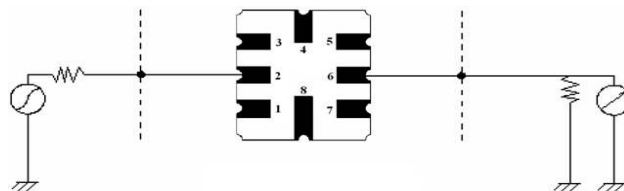
■ **Package Dimension (unit : mm)**




- 1** : **FREQ. RANGE CODE (100MHz~199MHz)**
A : **MODEL CODE (CT169HCM3)**
4 : **DATE CODE (YEAR)**
 Ex) 2010 =>0, 2011=>1.....2019=>9
B : **DATE CODE (MONTH)**

JAN	FEB	MAR	APR	MAY	JUN
A	B	C	D	E	F
JUL	AUG	SEP	OCT	NOV	DEC
G	H	J	K	L	M

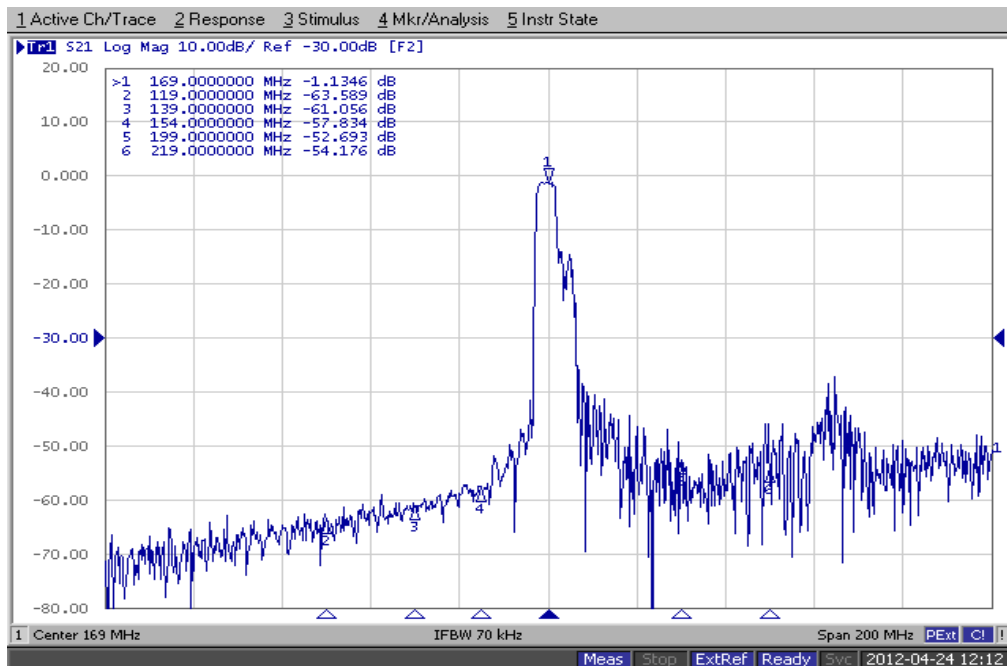
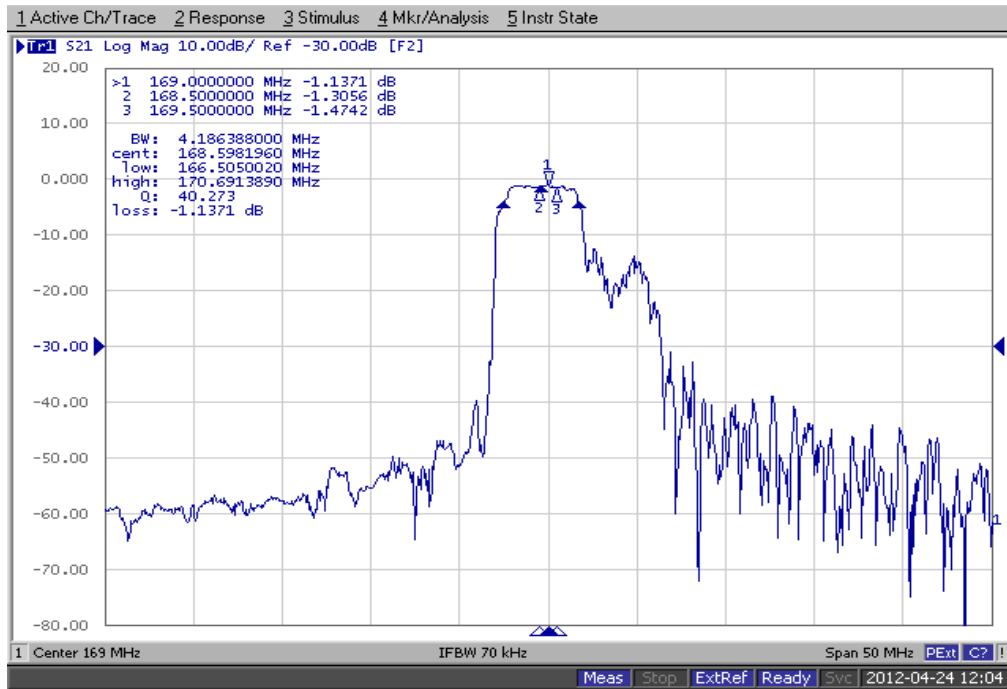
■ **Matching Configuration**




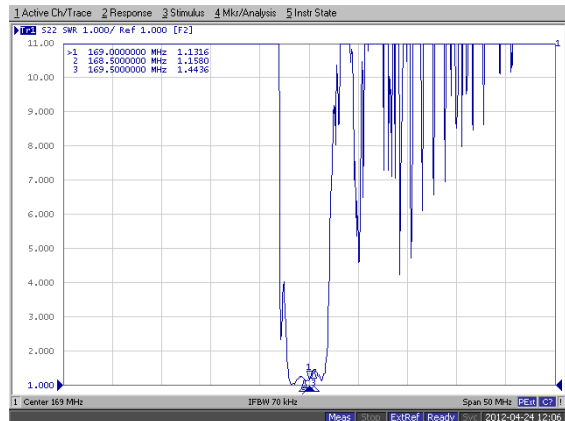
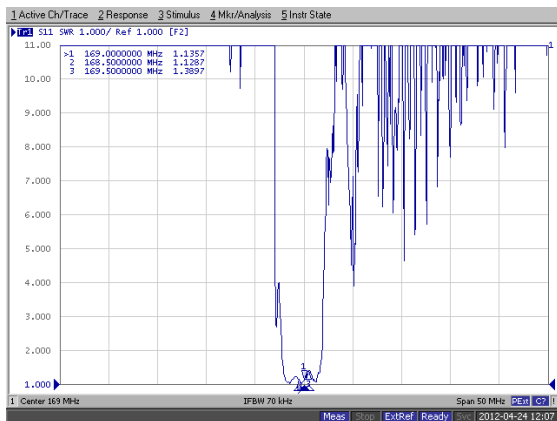
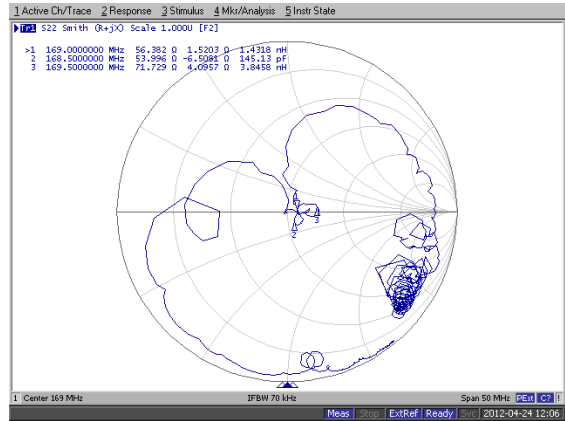
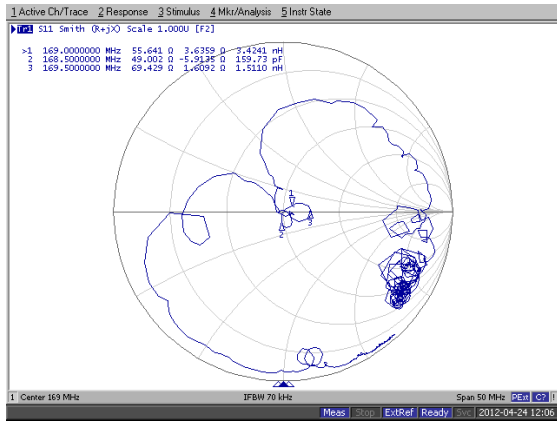
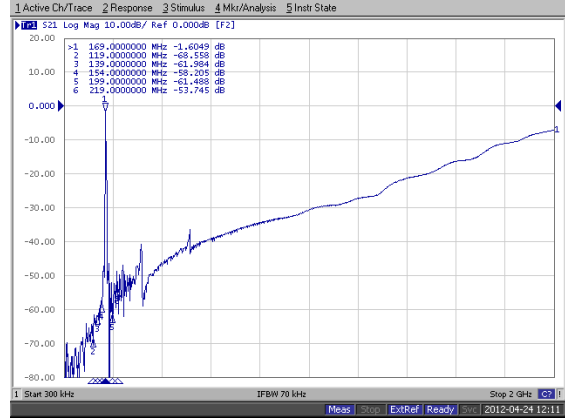
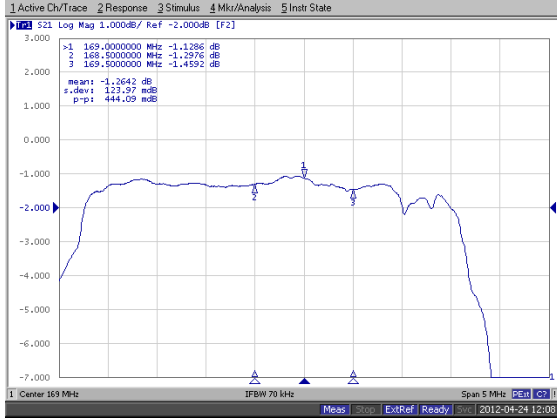
No Matching Required
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C


	#C-203, Bundang Technopark, 145 Yatap-dong, Bundabg_gu, Seongnam, Gyeonggi- 463-070, Korea TEL : 82-31-703-2086, FAX : 821-31-703-2124	Part No.	CT169HCM3	
		Rev. Date	2014-02-03	
		Rev.	R1	2/4

■ **Frequency Characteristics**



	#C-203, Bundang Technopark, 145 Yatap-dong, Bundabg_gu, Seongnam, Gyeonggi- 463-070, Korea TEL : 82-31-703-2086, FAX : 821-31-703-2124	Part No.	CT169HCM3	
		Rev. Date	2014-02-03	
		Rev.	R1	3/4



	<p>#C-203, Bundang Technopark, 145 Yatap-dong, Bundabg_gu, Seongnam, Gyeonggi-463-070, Korea TEL : 82-31-703-2086, FAX : 821-31-703-2124</p>	Part No.	CT169HCM3	
		Rev. Date	2014-02-03	
		Rev.	R1	4/4