

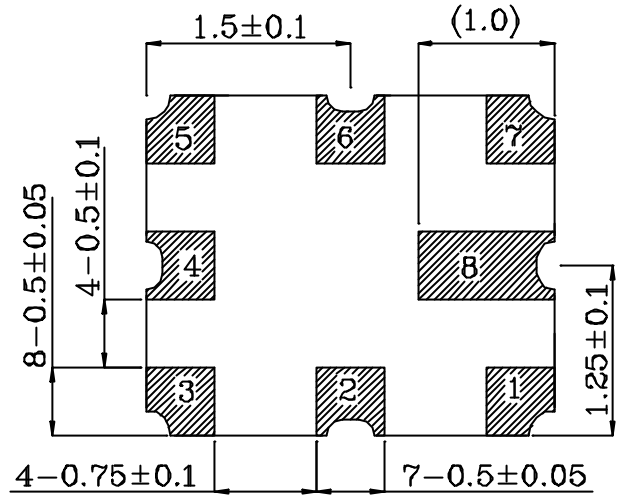
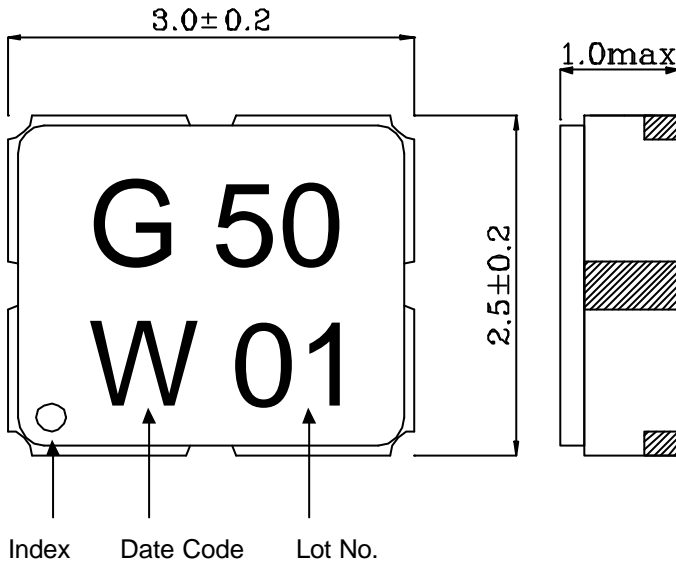
FMD	FAR-G6CS-1G8425-L250	FUJITSU MEDIA DEVICES LIMITED		
Part Number		DATE	Apr. 04, 2001	
TYPE.	EGSM/DCS1800(Rx) Dual Filter	Specification	Version 5.1	

Filter 1 : EGSM- Rx (Passband : 925 ~ 960 MHz)						
Item	Condition (MHz)	Value			Unit	Remarks
		Min.	Typ.	Max.		
Insertion Loss	925 ~ 960	-	2.2	3.2	dB	
		-	-	2.8	dB	+25 ± 2 °C
Ripple	925 ~ 960	-	1.0	2.1	dB	
Absolute attenuation	DC ~ 880	20	21	-	dB	
	880 ~ 905	25	33	-	dB	
	905 ~ 915	8	29	-	dB	
		18	-	-	dB	+25 ± 2 °C
	980 ~ 1200	20	24	-	dB	
	1375 ~ 1410	23	25	-	dB	
1850 ~ 1920	30	35	-	dB		
VSWR	925 ~ 960	-	2.0	2.5	-	
Filter 2 : DCS1800- Rx (Passband : 1805 ~ 1880 MHz)						
Item	Condition (MHz)	Value			Unit	Remarks
		Min.	Typ.	Max.		
Insertion Loss	1805 ~ 1880	-	2.6	3.3	dB	
		-	-	3.0	dB	+25 ± 2 °C
Ripple	1805 ~ 1880	-	1.0	2.0	dB	
Absolute attenuation	DC ~ 1300	20	21	-	dB	
	1355 ~ 1430	20	22	-	dB	
	1600 ~ 1710	22	26	-	dB	
	1710 ~ 1785	8	27	-	dB	
		15	-	-	dB	+25 ± 2 °C
	1920 ~ 1980	25	32	-	dB	
3610 ~ 3760	20	28	-	dB		
VSWR	1805 ~ 1880	-	2.3	2.8	-	
Operating temperature		-30	+25	+85	°C	
Storage temperature		-40	-	+100	°C	

1. Dimensions and Pin assignment of G6CS series



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Version (1.2)



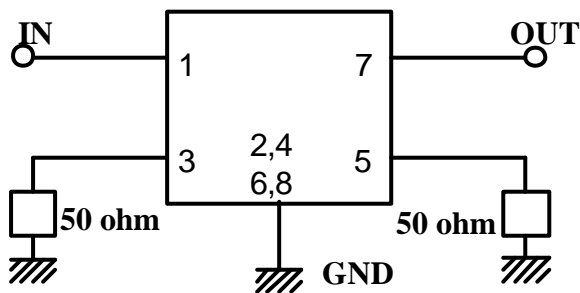
1 ~ 8 : Pin No. Unit : mm

Pin No.	Pin name	Description
1	IN	Filter 1 input pin
2	GND	Ground pin
3	IN	Filter 2 input pin
4	GND	Ground pin
5	OUT	Filter 2 output pin
6	GND	Ground pin
7	OUT	Filter 1 output pin
8	GND	Ground pin

Filter No.	Passband(MHz)	System
1	925 ~ 960	EGSM-Rx
2	1805 ~ 1880	DCS1800-Rx

2. Test condition

< Filter 1 >



< Filter 2 >

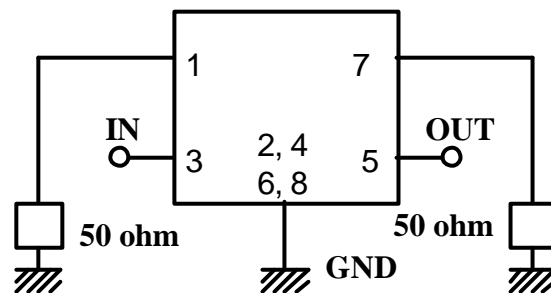


Fig. 1

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Filter 1:EGSM-Rx

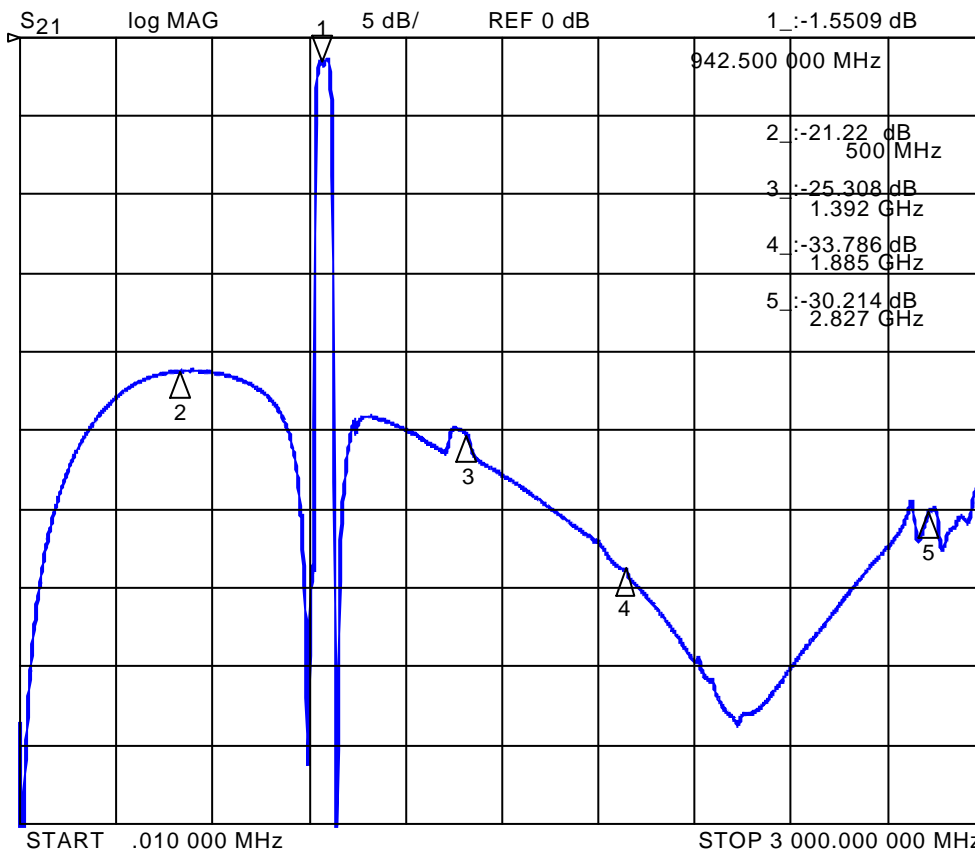
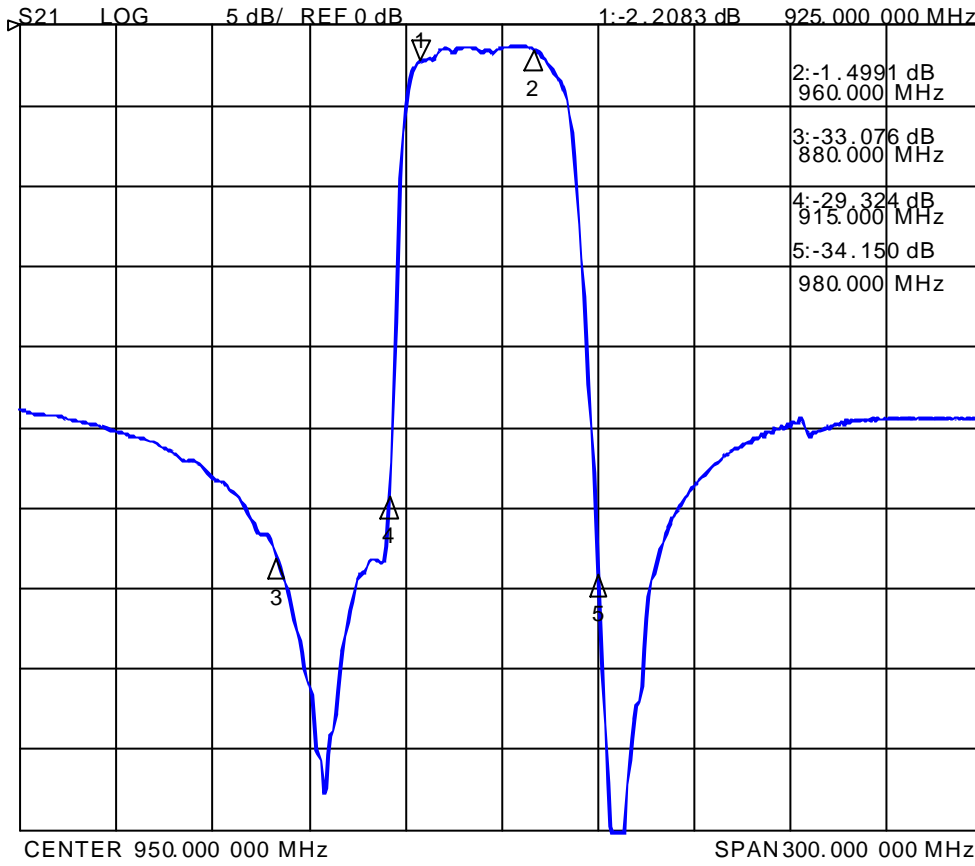


Fig. 2

Filter 1:EGSM-Rx

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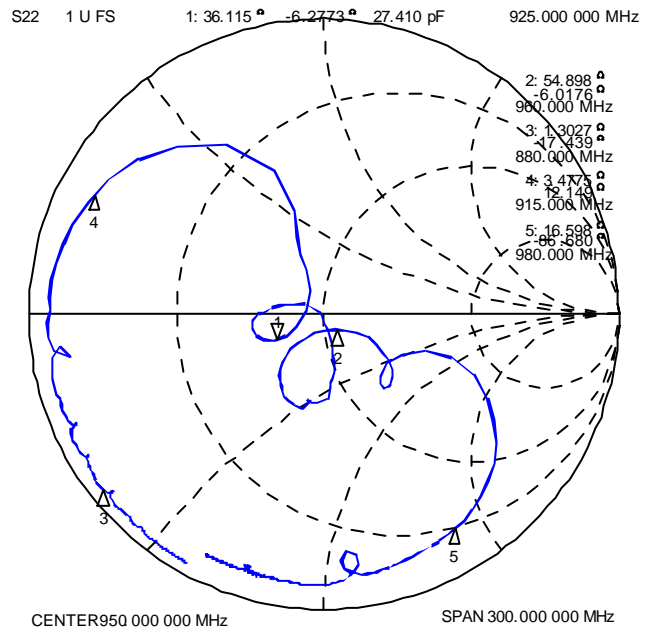
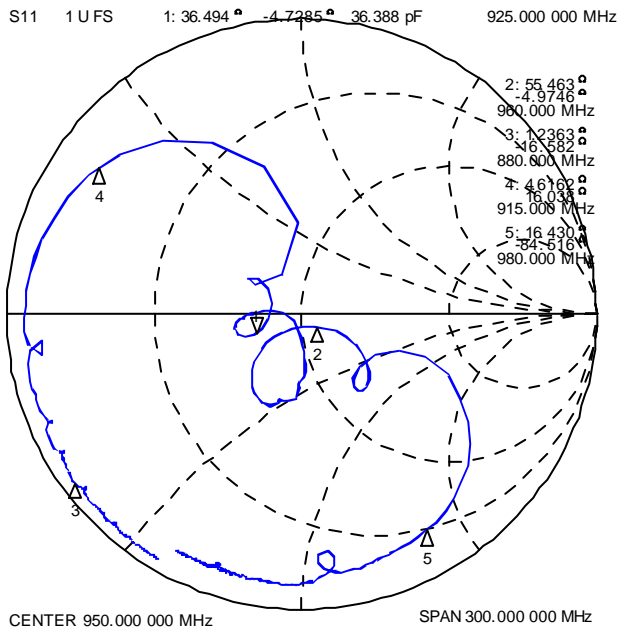
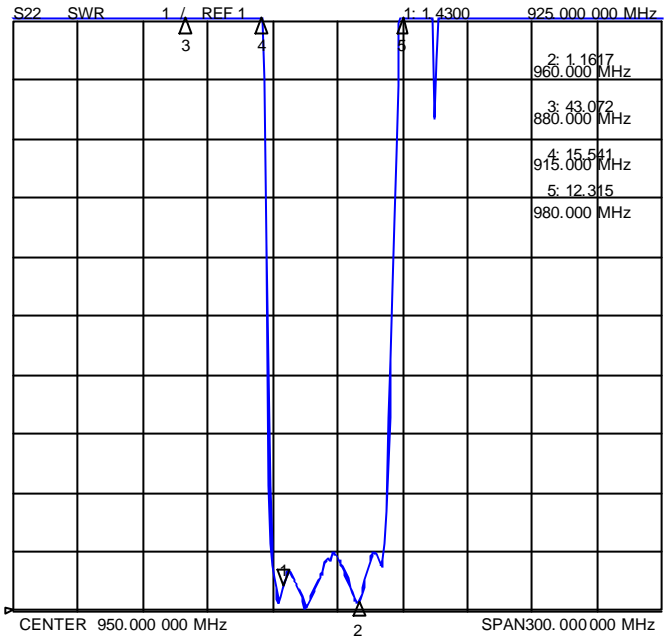
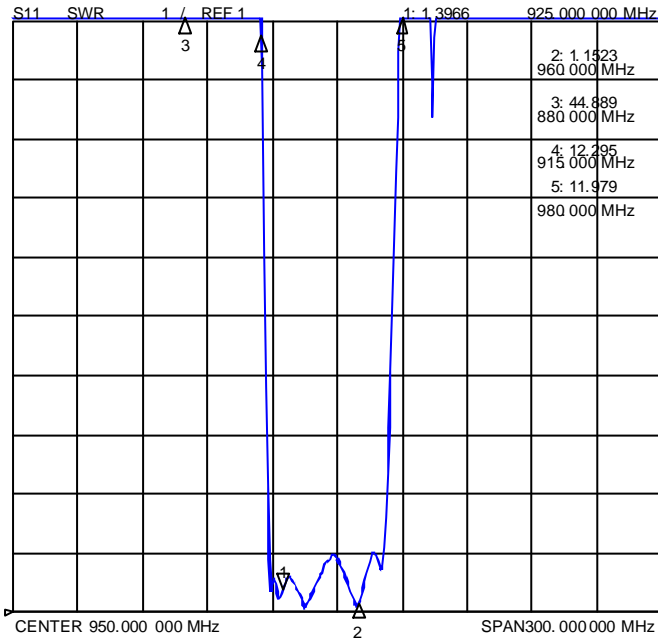


Fig. 3

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Filter 2:DCS1800-Rx

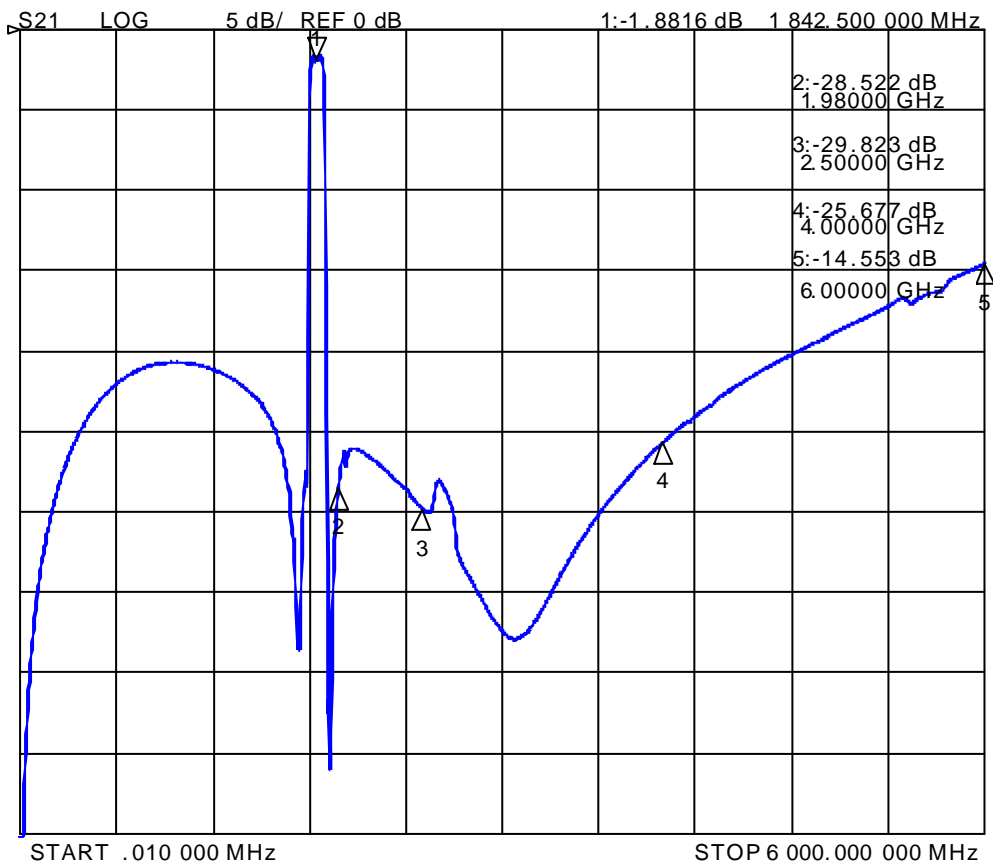
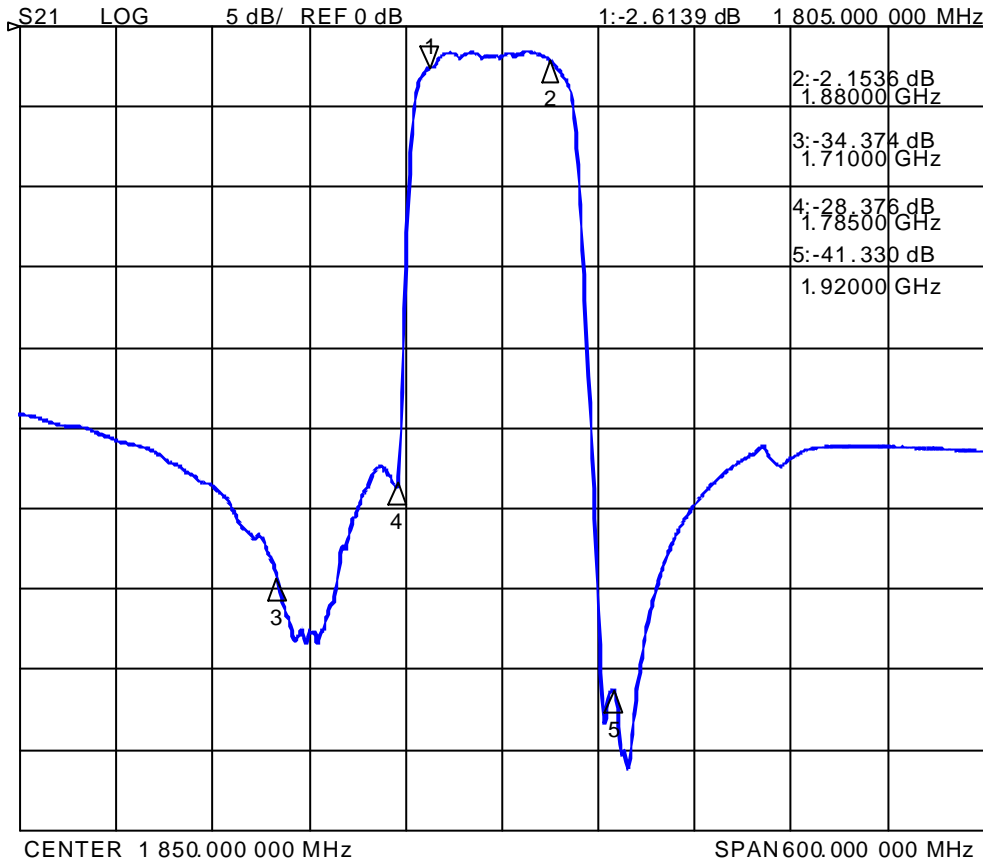


Fig. 4

Filter 2:DCS1800-Rx

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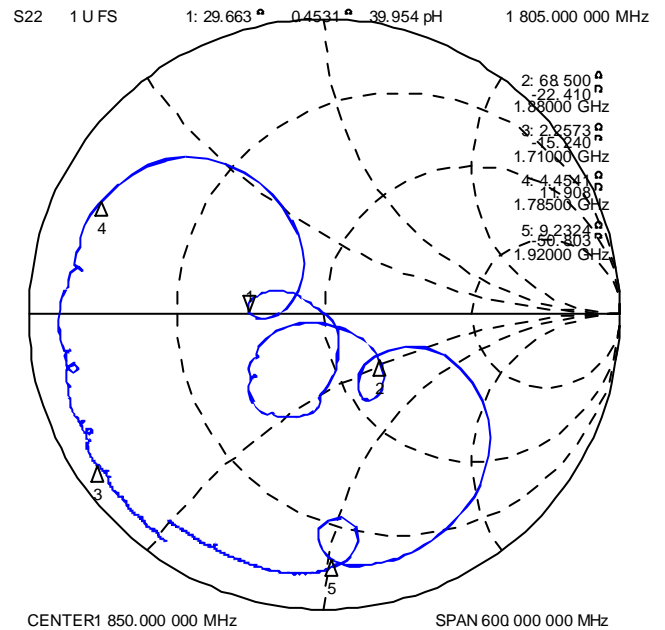
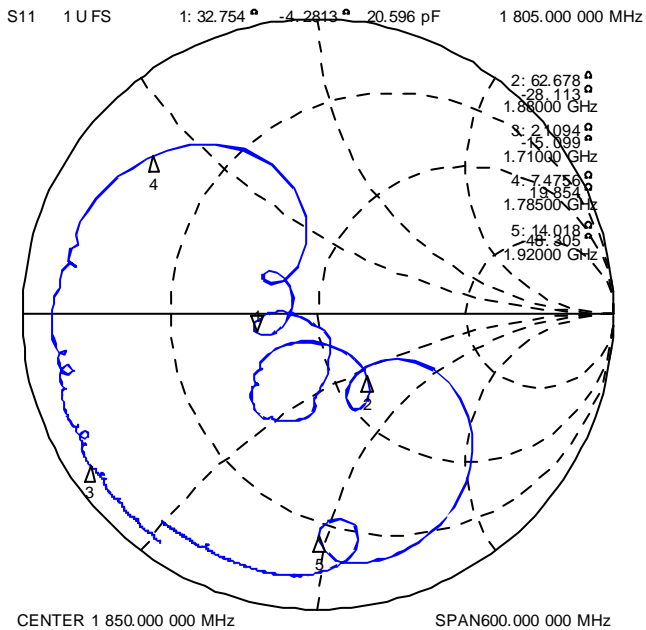
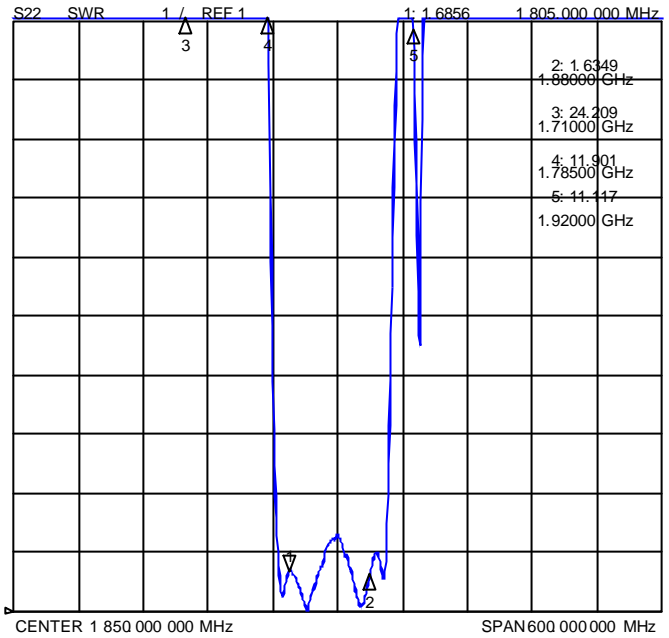
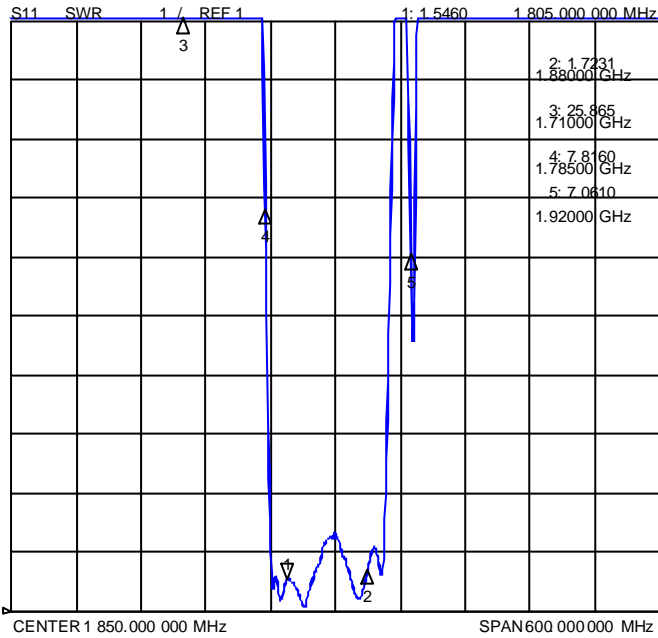


Fig. 5