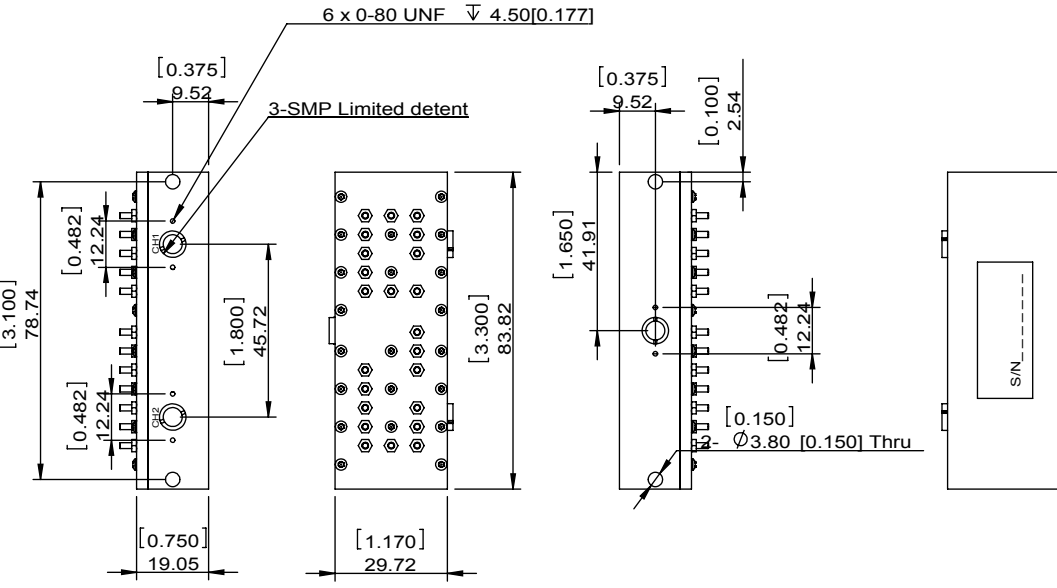


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								REV.		DESCRIPTION	
								REVISER		DATE	
								ZQ.Hou		12.23.2014	
								APPROVED		David	

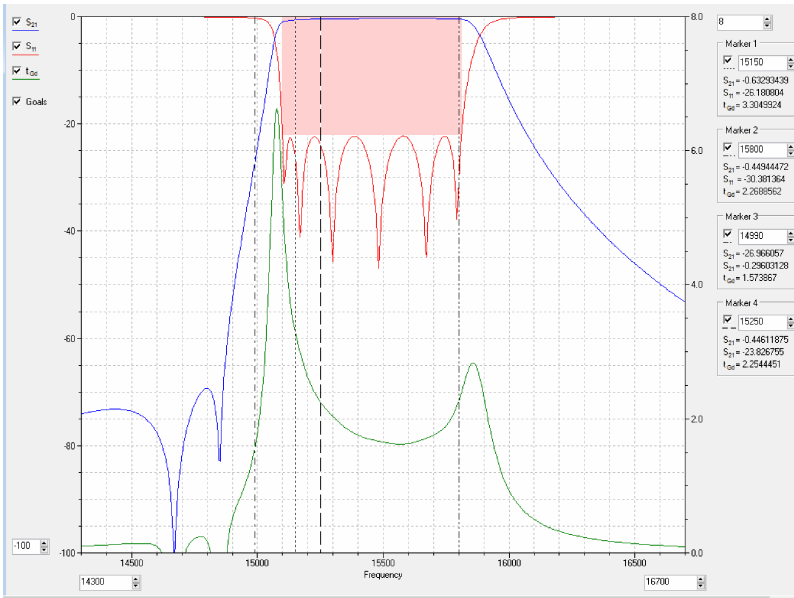
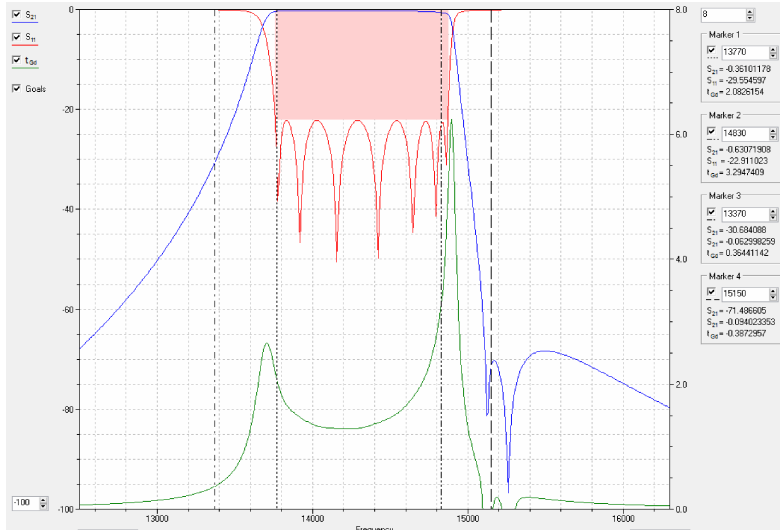


ITEM	SPECIFICATION	
	Channel 1	Channel 2
Frequency(GHz)	13.77~14.83	15.15~15.8
Insertion Loss(dB)	1.2 Max	
Ripple(dB)	0.5 p.t.p Max	
Reject(dBc)	15 typ@14.99Ghz 30 Min@12.4~13.37Ghz 60Min@15.15~15.8Ghz 50 Min@25.0~30.0Ghz	15 typ@14.99Ghz 30 Min@16.4~17Ghz 60Min@13.77~14.83Ghz 50 Min@25.0~30.0Ghz
Return Loss(dB)	14Min	
Impedance(Ω)	50	
Power handling(W)	25 Min	
Group Delay Variation	1.5nSec p.t.p Max(Within any 100MHz band)	
Shock	20G 11msec sawtooth	
Vibration operational	8Grms(10~2000Hz)	
Vibration endurance	18Grms(10~2000Hz)	
Temperature(°C)	-40~+85	
Connector	SMP male	
Notes	1.The diplexer will be designed to handle an operating power of 25W max. @ 50,000 Feet. 2.ATR will be attached to each unit 3.The channels will be labelled as indicated at the drawing attached 4.Each unit will be labelled with model & serial No.	



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<b>JQL JQL Electronic Inc</b>			
<b>MATERIAL:</b>		<b>DWG NO:</b>	
		JFCD13770T15800SF	
<b>SURFACE TREATMENT:</b>		DWG BY:	
SLIVER PALTE		zqhou	
		12.23.2014	
		SCALE	
<b>DESCRIPTION:</b>		APPV'D BY:	
DIPLEXER			
Unit:		Tolerance:	
mm[inch]		Liner: ±0.1mm	
		Anguar: ±0.5°	
		The First:	
		1:2	
		A4	



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<b>JQL JQL Electronic Inc</b>			
<b>MATERIAL:</b>	<b>DWG NO:</b>		
	JFCD13770T15800SF		
<b>SURFACE TREATMENT:</b>	DWG BY:	zqhous	12.23.2014
SLIVER PALTE	CHK'D BY:		SCALE
<b>DESCRIPTION:</b>	APPV'D BY:		1:2
DIPLEXER	Unit:	Tolerance:	The First:
	mm[inch]	Liner: ±0.1mm Anguar: ±0.5°	
			A4



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