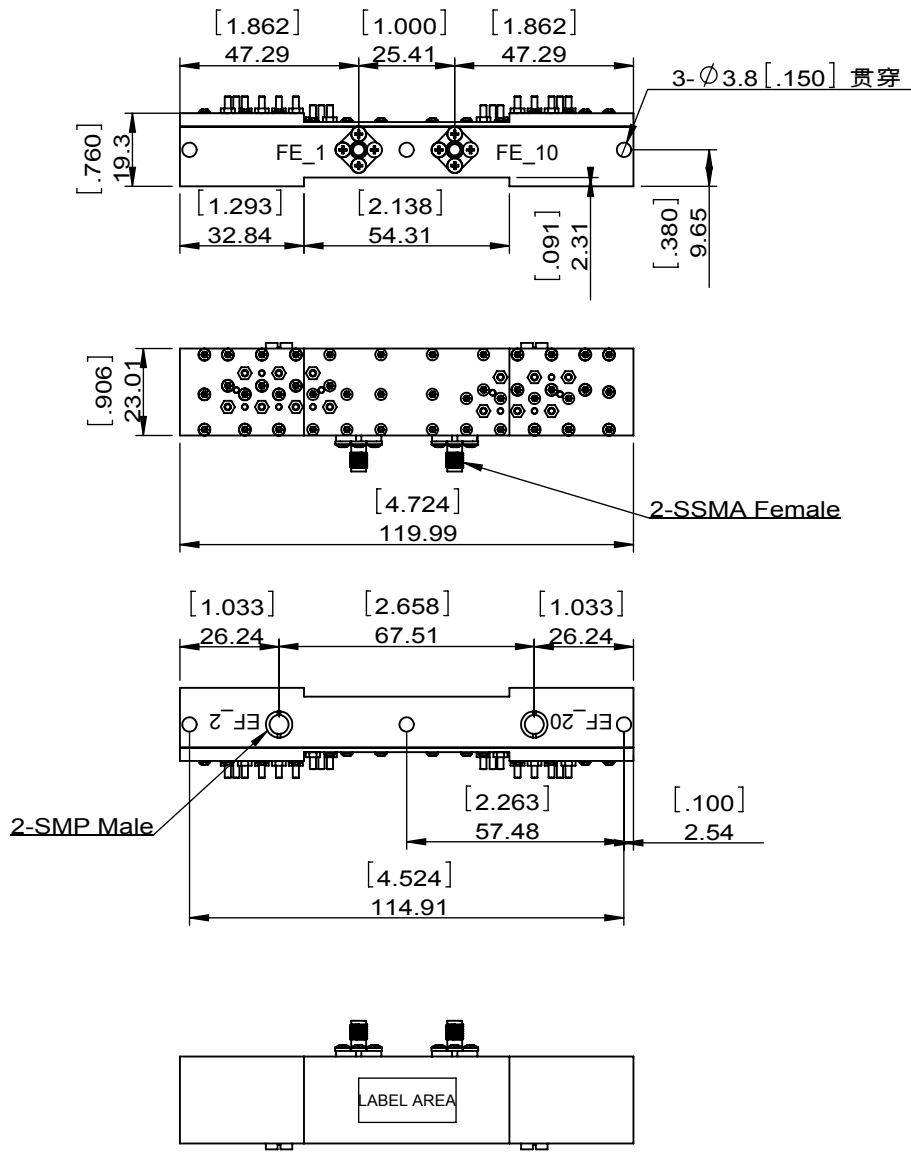


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Document No.	QR4-700-T-003	REV.	A/0	REV.	0	DESCRIPTION		REVISOR	ZQ.Hou	DATE	12.23.2014	APPROVED	David

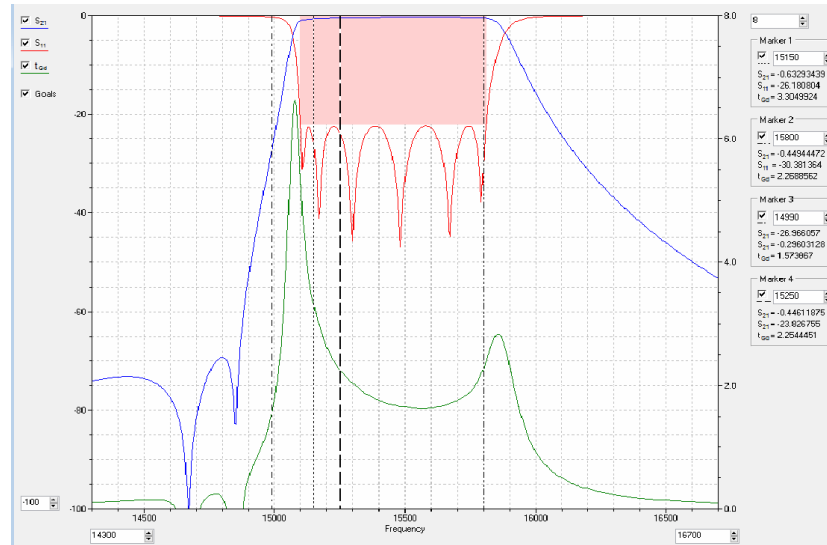
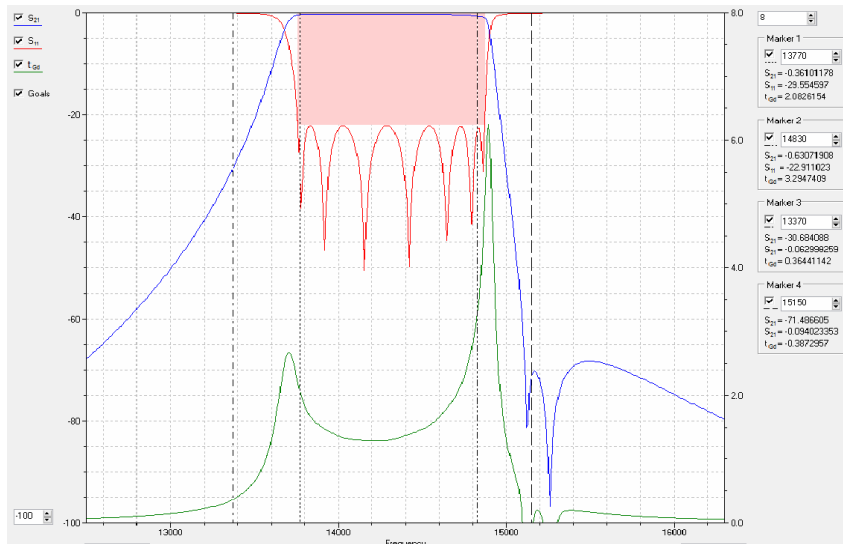


ITEM	SPECIFICATIONS	
	Filter 1	Filter 2
Frequency(GHz)	13.77~14.83(at 1db points)	15.15~15.8
Insetion Loss(dB)	1.0 Max.Over temp.range	
Ripple(dB)	0.5 p.t.p Max	
Reject(dBc)	15 typ@14.99Ghz 30 Min@12.4~13.37Ghz 60Min@15.15~15.8Ghz 50 Min@25.0~30.0Ghz	15 typ@14.99Ghz 30 Min@16.4~17Ghz 60Min@13.77~14.83Ghz 50 Min@25.0~30.0Ghz
Return Loss(dB)	14Min	
Impedance(Ω)	50	
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)	/
Vibration Range	/	15Grms(10~2000Hz)
Temperature(°C)	-40~+85	
Connector	Port 1:SMP Male ; Port 2:SSMA Female	
Notes	1.The filter will be designed to handle an operating power of 100mW 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.	

JQL JQL Electronic Inc				
MATERIAL:		DWG NO: JFCB13770T15800SF		
SURFACE TREATMENT: SLIVER PLATE		DWG BY:	ZQ.Hou	12.23.2014
DESCRIPTION: FILTER		CHK'D BY:		SCALE
		APPV'D BY:		1:2
		Unit: mm[inch]	Tolerance: Liner: ±0.25 Anguar: ±0.5°	The First:
				A4

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Document No.	QR4-700-T-003	REV.	A/0	REV.	0	DESCRIPTION		REVISOR	ZQ.Hou	DATE	12.23.2014	APPROVED	David



ITEM	SPECIFICATIONS	
	Filter 1	Filter 2
Frequency(GHz)	13.77~14.83(at 1db points)	15.15~15.8
Insetion Loss(dB)	1.0 Max.Over temp.range	
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	
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)	/
Vibration Range	/	15Grms(10~2000Hz)
Temperature($^{\circ}$ C)	-40~+85	
Connector	Port 1:SMP Male ; Port 2:SSMA Female	
Notes	1.The filter will be designed to handle an operating power of 100mW 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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JQL JQL Electronic Inc				
MATERIAL:		DWG NO: JFCB13770T15800SF		
SURFACE TREATMENT: SLIVER PLATE		DWG BY:	ZQ.Hou	12.23.2014
DESCRIPTION: FILTER		CHK'D BY:		SCALE
		APPV'D BY:		1:2
		Unit: mm[inch]	Tolerance: Liner: ± 0.25 Anguar: $\pm 0.5^{\circ}$	The First:
				A4