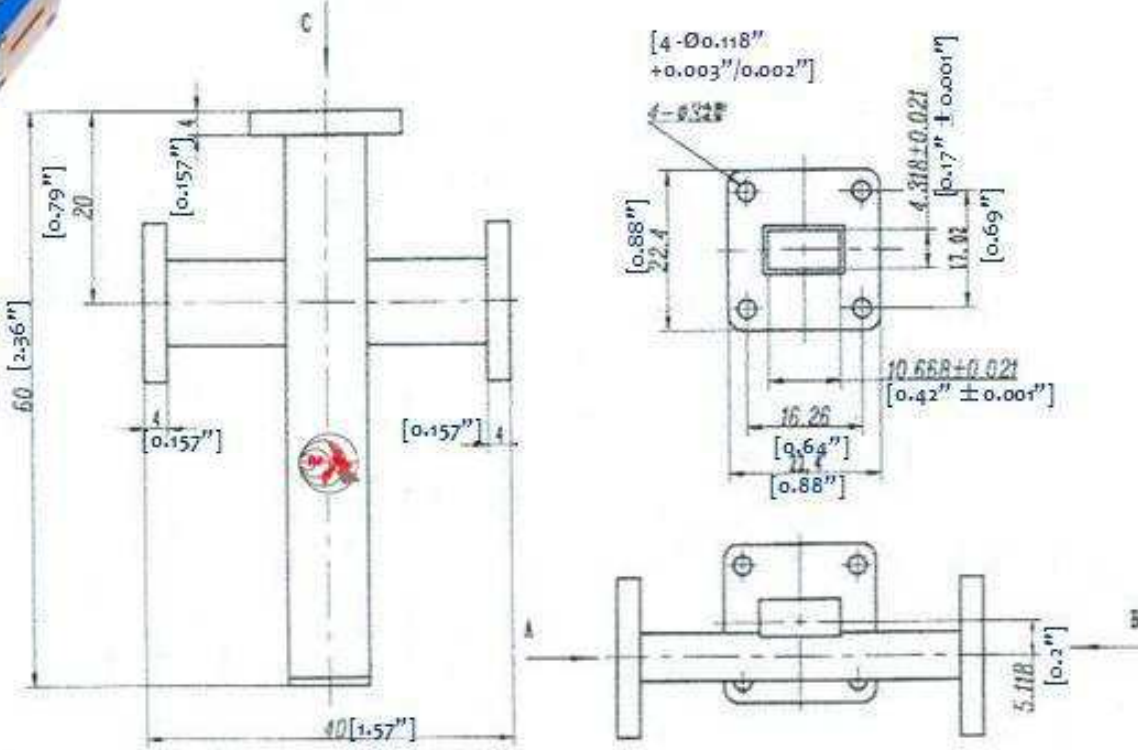
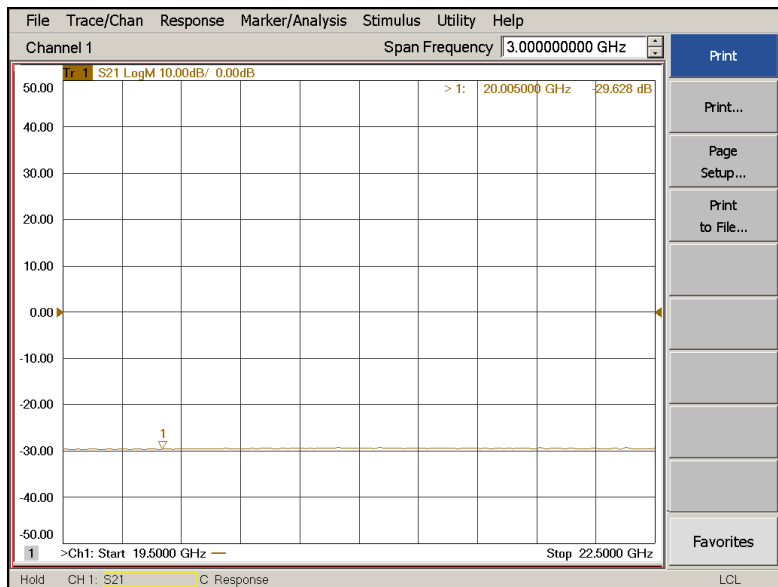


3.0	Electrical Specifications	
3.1	Frequency Range	25.8~26.8GHz (as shown) 18-26.5GHz available
3.2	Coupling	20dB min
3.3	Directivity	18dB min
3.3	VSWR	1.10 : 1
3.4	Power	100W CW




# WAVEGUIDE WR42 DIRECTIONAL COUPLER – RWGCP42SA



1.0	Mechanical Specifications	
1.1	Waveguide type	Rectangular Waveguide WR42
1.2	Flange type	CPRG, CPRF, COVER, CHOKE available
1.3	Flange Holes	Through
1.4	Basis-material	Cuprum
1.5	Internal Body Finish	Plated chromate or conversion
1.6	External Body Finish	Body painted with gray/black epoxy enamel

2.0	Environment specifications	
2.1	Operation Temp.	-40°C~+85°C
2.2	Storage Temp.	-60°C~+125°C
2.3	Altitude	45000 ft
2.4	Vibration	10g rms (15 degree 2KHz)
2.5	Humidity	100% RH at 35c, 95%RH at 40 deg c
2.6	Shock	20G for 11msc

PAGE	OF	DATE
		Feb 14 <sup>th</sup> 2007
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		RFPC
		RF-LAMBDA
		RFPC
 <b>RWGCP42SA WAVEGUIDE COUPLER</b>		CAD MODEL REVISION
		1-4
		ASSEMBLY REVISION
		VS20-3
<b>www.rflambda.com</b> <b>RF-LAMBDA</b>		ASSEMBLY NAME
		RFLVR04
SIZE LT SHEETS 1 OF 1		DRAWING NUMBER
		D02-5