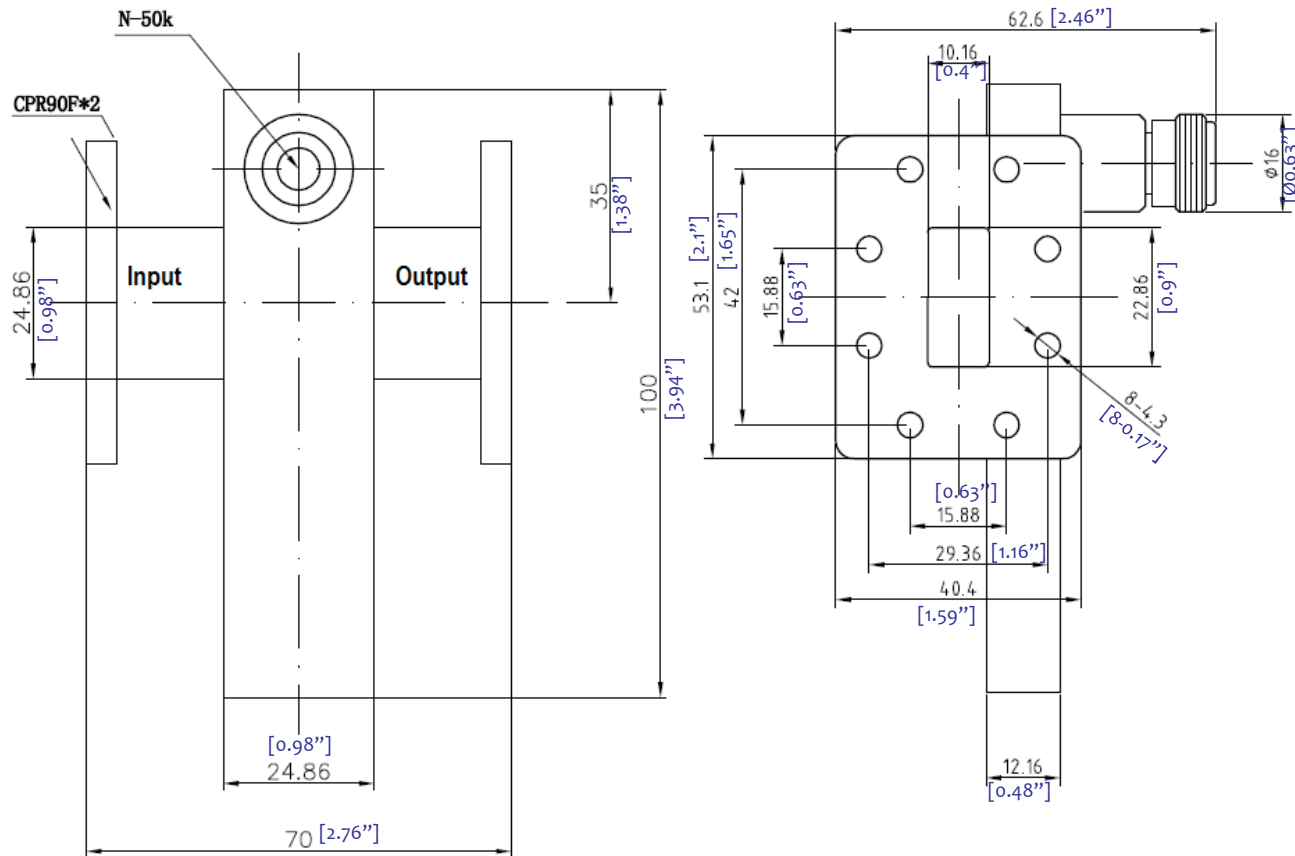


WAVEGUIDE WR₉₀ GROSSGUIDE DIRECTIONAL COUPLER- RWGCP₉₀SB




3.0	Electrical Specifications	
3.1	Frequency Range	8.5-9.5GHz
3.2	Power Handling	1000W (CW)
3.4	Coupling	30dB
3.5	Directional	18dB
3.6	VSWR Master	1.10 : 1
3.8	Insertion Loss	0.2dB

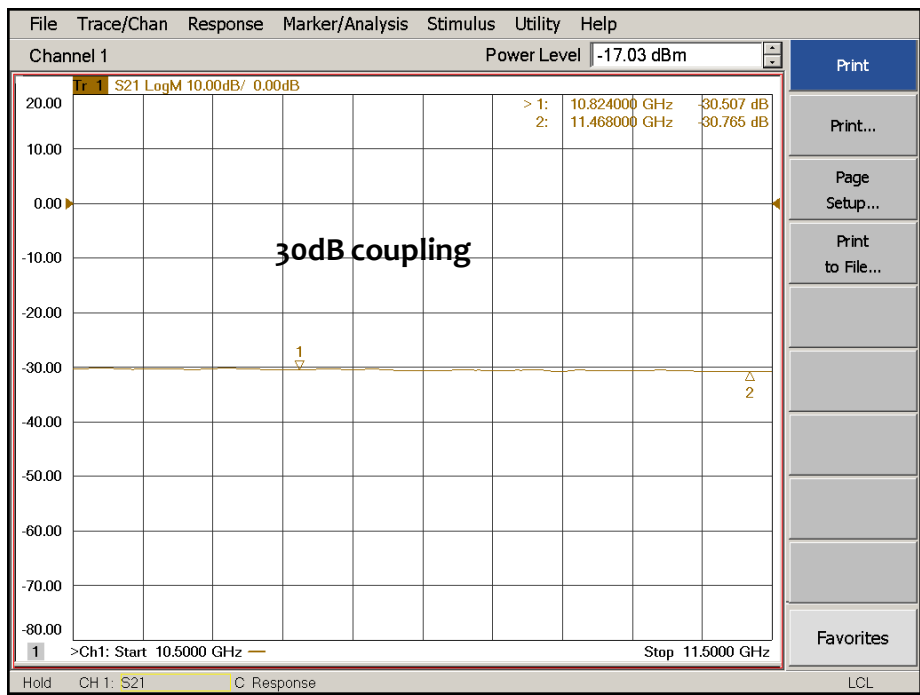
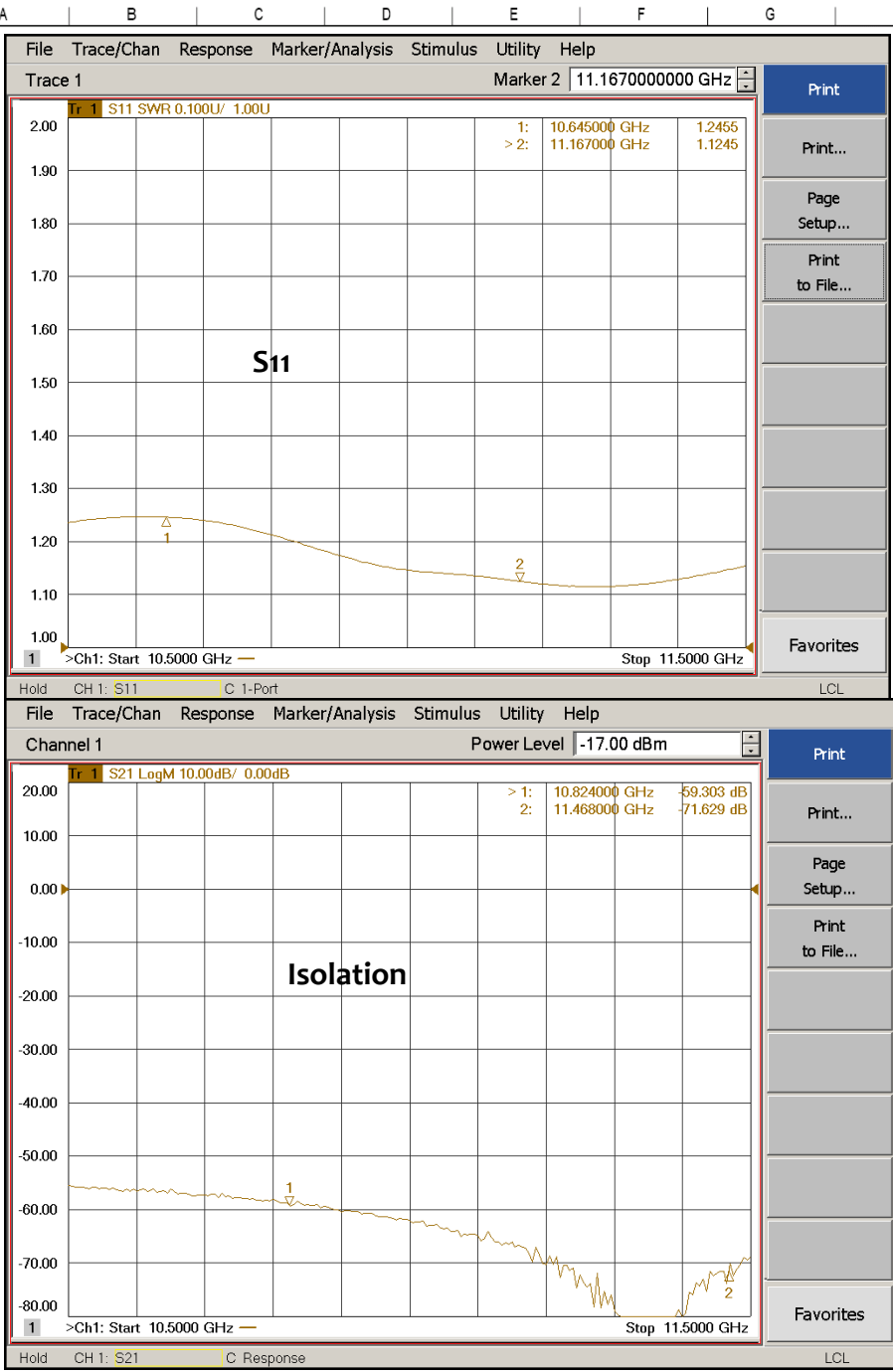
Testing plot next page




1.0	Mechanical Specifications	
1.1	Waveguide type	Rectangular Waveguide WR ₉₀
1.2	Flange type	COVER (Other type available)
1.3	Flange Holes	Through
1.4	Basis-material	Aluminum or Cuprum Alloyed
1.5	Internal Body Finish	Silver 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

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		RFPC
		RF-LAMBDA
		RFPC
 RWGCP₉₀SB WAVEGUIDE COUPLER	<small> CAD MODEL REVISION 11 ASSEMBLY REVISION VS05 ASSEMBLY NAME RFLVR05 DRAWING NUMBER D05-1 </small>	
www.rflambda.com	SIZE	SHEETS
RF-LAMBDA	LT	1 OF 1



PAGE 1 OF 1	DATE Apr 21 st 2007
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 RWGCP90SB WAVEGUIDE COUPLER	RF-LAMBDA RFPC
www.rflambda.com	CAD MODEL REVISION 11
RF-LAMBDA	ASSEMBLY REVISION VS5D5
SIZE LT	ASSEMBLY NAME RFLVR05
SHEETS 1 OF 1	DRAWING NUMBER D05-1