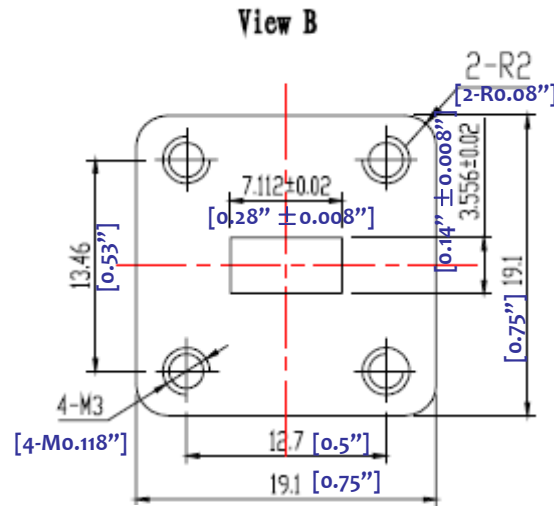
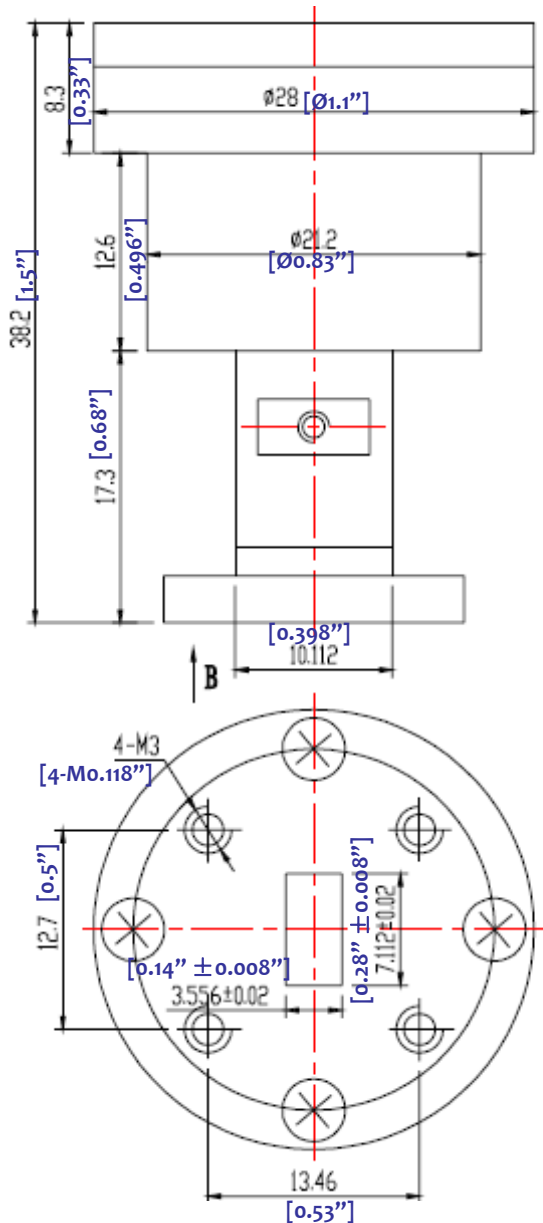


WR28 WAVEGUIDE "I" SHAPE SINGLE CHANNEL ROTARY JOINT --- RFLWRJ28SI

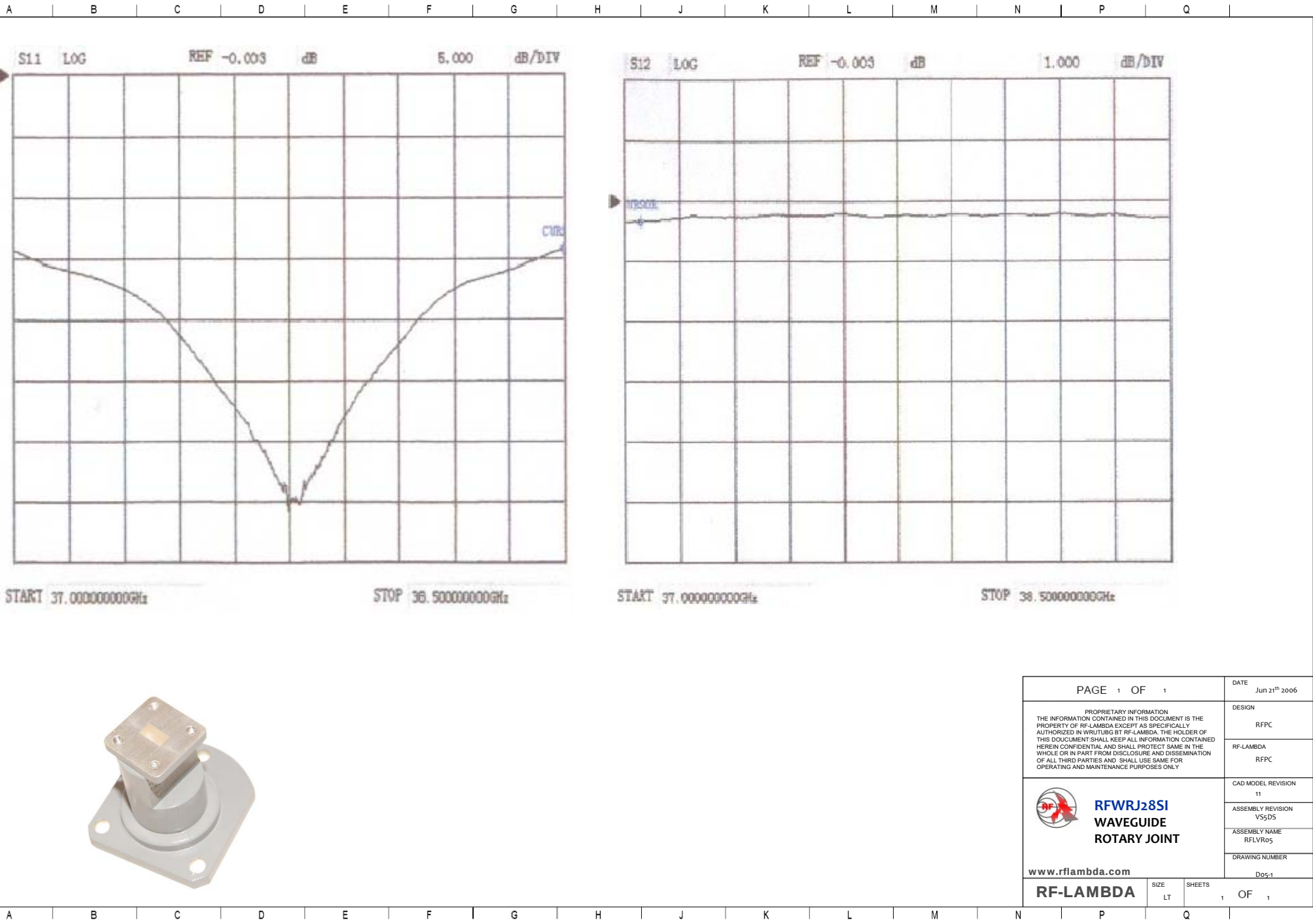


1.0	Mechanical Specifications	
1.1	Waveguide type	Rectangular Waveguide WR28
1.2	Flange type	Square Cover
1.3	Flange Holes	Through
1.4	Basis-material	Alloyed Copper
1.5	Internal Finish	Sliver Plating
1.6	External Finish	Corrosion protected with gray paint

2.0	Environment specifications	
2.1	Operation Temp.	-30°C~+70°C
2.2	Storage Temp.	-50°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

3.0	Electrical Specifications	
3.1	Frequency Range	26.5-40GHz (Full Band Capable) 37-38.5GHz (As shown)
3.2	Max. Insertion Loss/IL WOW	0.5dB/0.2dB (2GHz Bandwidth) 0.8dB (Full Band 26.5-40GHz)
3.3	Max. VSWR / VSWR WOW	1.5:1 /0.2 (BW<2GHz) 1.8:1 /0.4 (Full Band 26.5-40GHz)
3.4	Power Handling(average)	50W(CW) / 30KW peak 0.1%, 0.5us

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		RF-LAMBDA	RFLPC
		CAD MODEL REVISION	11
		ASSEMBLY REVISION	V55DS
 RFLWRJ28SI WAVEGUIDE ROTARY JOINT		ASSEMBLY NAME	RFLVR05
		DRAWING NUMBER	D05-1
www.rflambda.com		SIZE	LT
RF-LAMBDA		SHEETS	1 OF 1



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		RF-LAMBDA	RFPC
		CAD MODEL REVISION	11
		ASSEMBLY REVISION	V55DS
 RFWRJ28SI WAVEGUIDE ROTARY JOINT www.rflambda.com		ASSEMBLY NAME	RFLVR05
		DRAWING NUMBER	D051
RF-LAMBDA		SIZE LT	SHEETS 1 OF 1