

Product: Band Stop Filter

Part Number: LSTF-3700/3900-2N



Specification					
No.	Parameter	Minimum	Typical	Maximum	Units
1	Center Freq.		3800		MHz
2	Stop band	3700		3900	MHz
3	Insertion Loss in Band Pass			2	dB
4	Rejection	$\geq 60\text{dB}$			dB
5	VSWR			1.8	
	Band Pass	DC-3670		3930-7000	MHz
6	Power			80w	W cw
7	Operating Temperature Range	0	-	+50	°C
8	Impedance	-	50	-	Ω
9	Port Connectors	N-F			
10	PIM	2*43dBm@1800MHz<-145dBc			
11	Preferred finish	Black			

Remarks:

.Power rating is for load vswr better than 1.20:1

Environmental Specifications	
Operational Temperature	0°C~50°C
Storage Temperature	-50°C~+85°C
Vibration	25gRMS (15 degrees 2KHz) endurance, 1 hour per axis
Humidity	100% RH at 35°C, 95%RH at 40°C
Shock	20G for 11msec half sine wave, 3 axis both directions
Mechanical Specifications	
Housing	Aluminum
Connector	Ternary alloy
Female Contact:	gold plated beryllium bronze
ROHS	compliant
Weight	1.3kg

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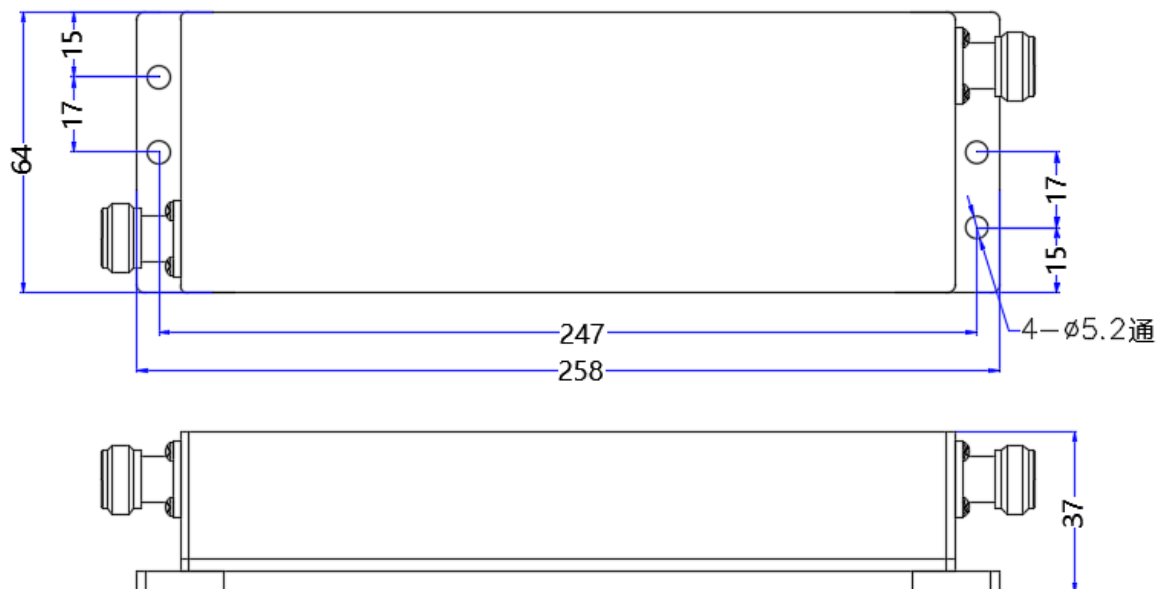
Outline Drawing:

All Dimensions in mm

Outline Tolerances $\pm 0.5(0.02)$

Mounting Holes Tolerances $\pm 0.2(0.008)$

All Connectors: N_Female



Test plot

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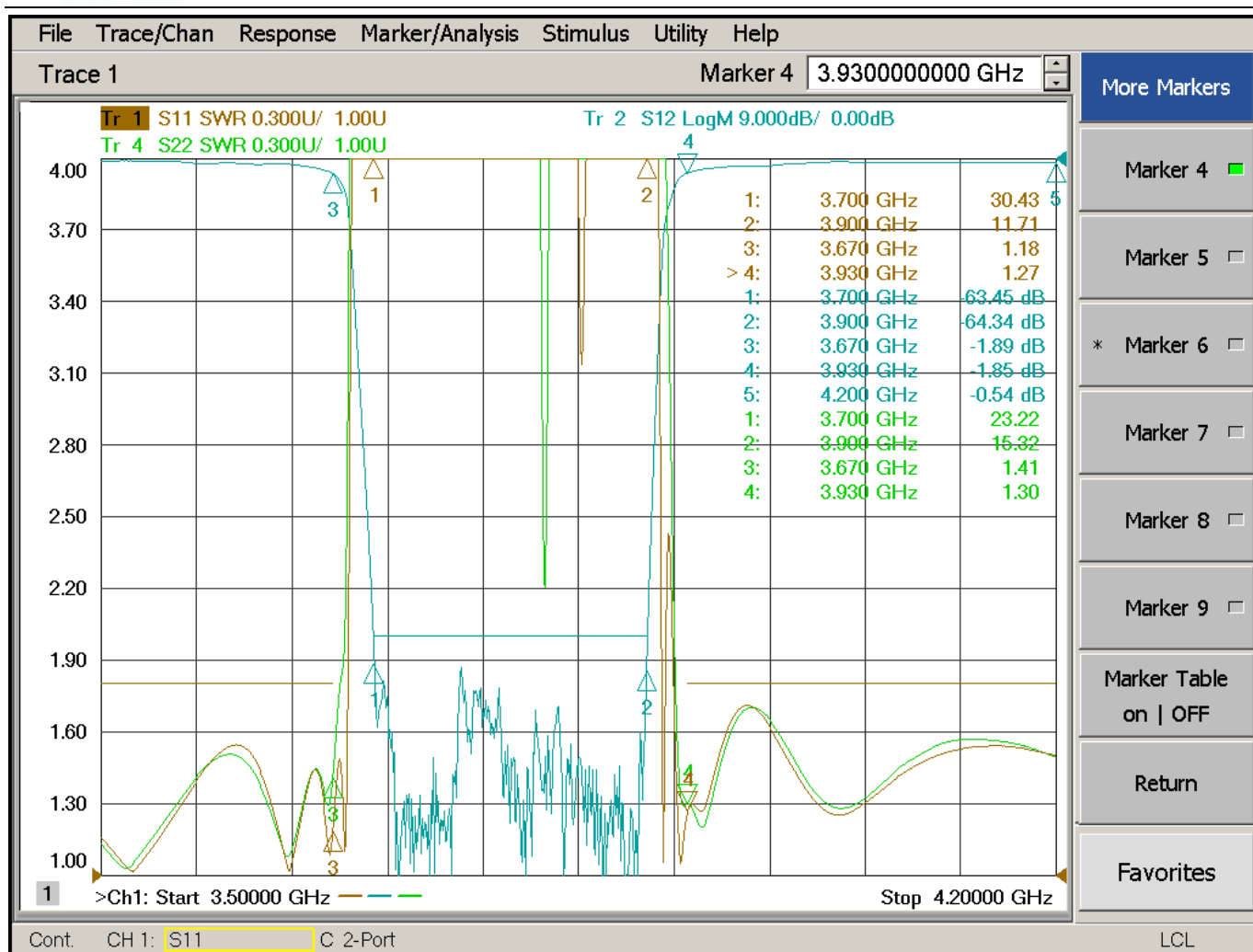
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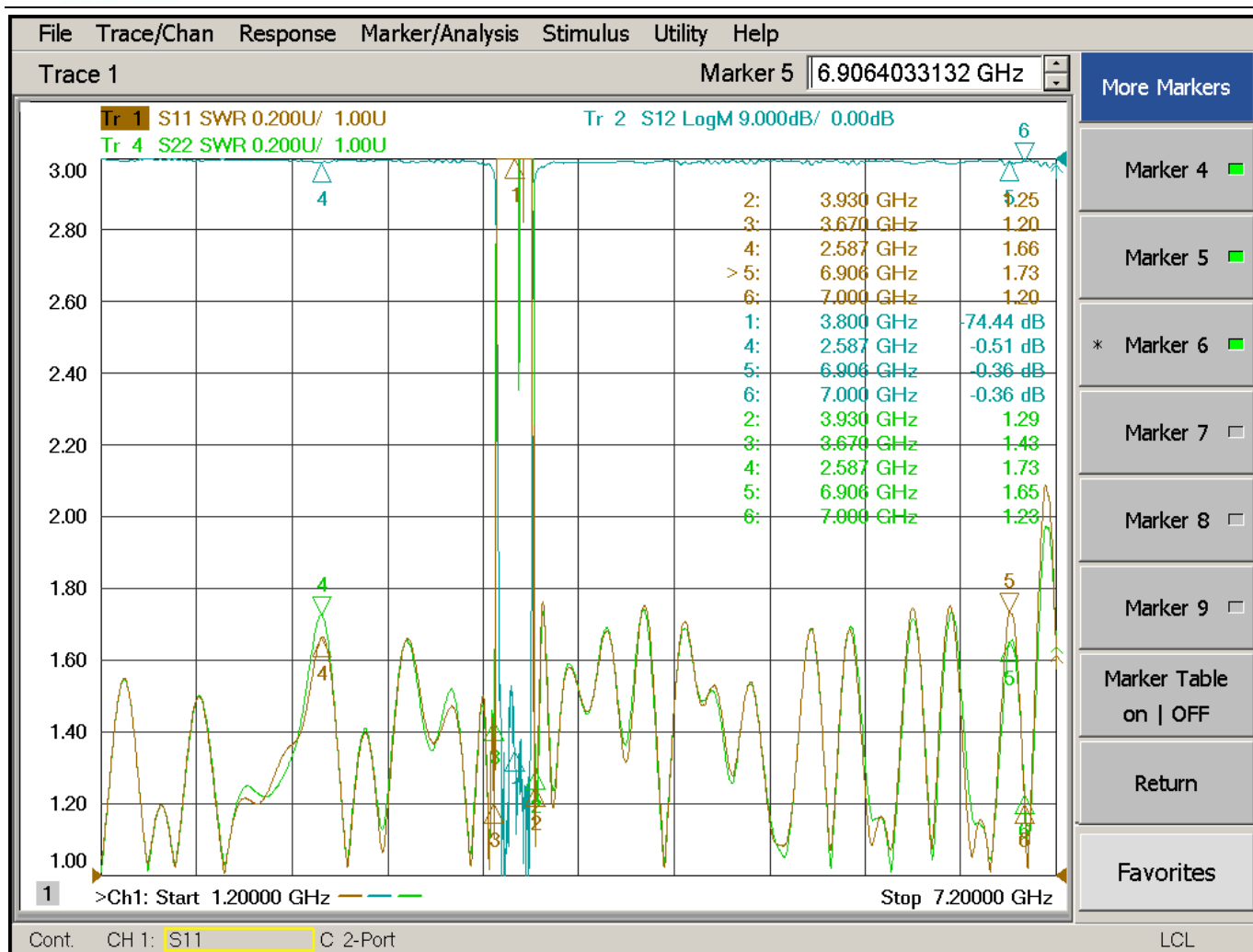
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PIM Test plot

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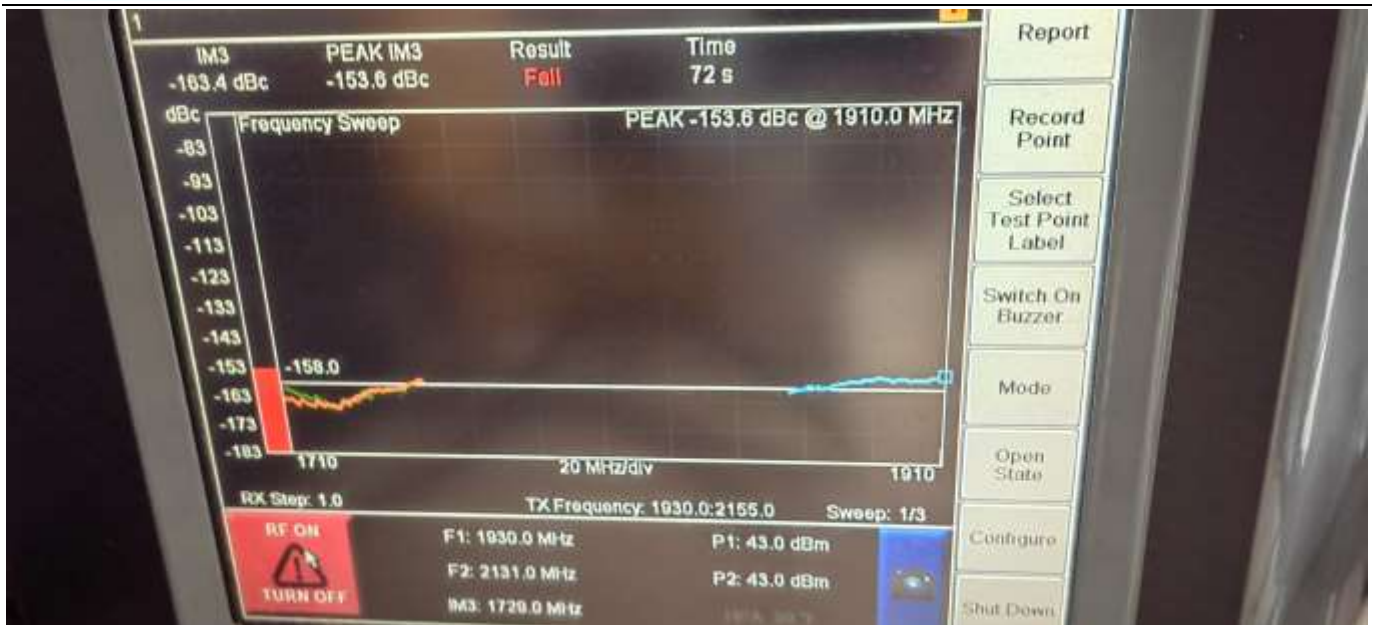
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