

Product: Combiner 7\*1

Part Number: LCB-832^880^925^1710^1805^1920^2300-Q7 7 band Cavity combiner



Item	Port 1		Port 2		Port 3		Port 4		Port 5		Port 6		Port 7	
Frequency Range	832-862Mhz		880-915MHz		925-960MHz		1710-1785MHz		1805-1880MHz		1920-1980Mhz		2300-2690Mhz	
Insertion Loss	≤0.8dB		≤1.3dB		≤1.3dB		≤1.2dB		≤1.2dB		≤1.0dB		≤0.8dB	
Ripple	≤0.6dB		≤0.8dB		≤0.8dB		≤0.8dB		≤0.8dB		≤0.8dB		≤0.6dB	
VSWR	≤1.5:1		≤1.5:1		≤1.5:1		≤1.5:1		≤1.5:1		≤1.5:1		≤1.5:1	
Rejection(dB)	≥30	880-2690	≥30	761-862	≥30	761-915	≥30	761-960	≥30	761-1785	≥30	761-1880	≥30	761-1980
	≥30	761-821	≥30	925-2690	≥30	1710-2690	≥30	1805-2690	≥30	1920-2690	≥30	2110-2690	≥30	3000-3500
Operating Temp	-30°C~+55°C													
Max.Power	50W													
Connectors	SMA-Female (50Ω)													
Surface Finish	Black													
Configuration	As Below(tolerance ±0.3mm)													

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Environmental Specifications	
Operational Temperature	0 ℃~+60 ℃
Storage Temperature	-50 ℃~+85 ℃
Vibration	25gRMS (15 degrees 2KHz) endurance, 1 hour per axis
Humidity	100% RH at 35 ℃, 95%RH at 40 ℃
Shock	20G for 11msec half sine wave,3 axis both directions
Mechanical Specifications	
Housing	Aluminum
Connector	ternary alloy three-partalloy
Female Contact:	gold plated beryllium bronze
Rohs	compliant
Weight	3.0kg

### Outline Drawing:

All Dimensions in mm

Outline Tolerances  $\pm 0.5(0.02)$

Mounting Holes Tolerances  $\pm 0.2$

All Connectors: SMA-Female

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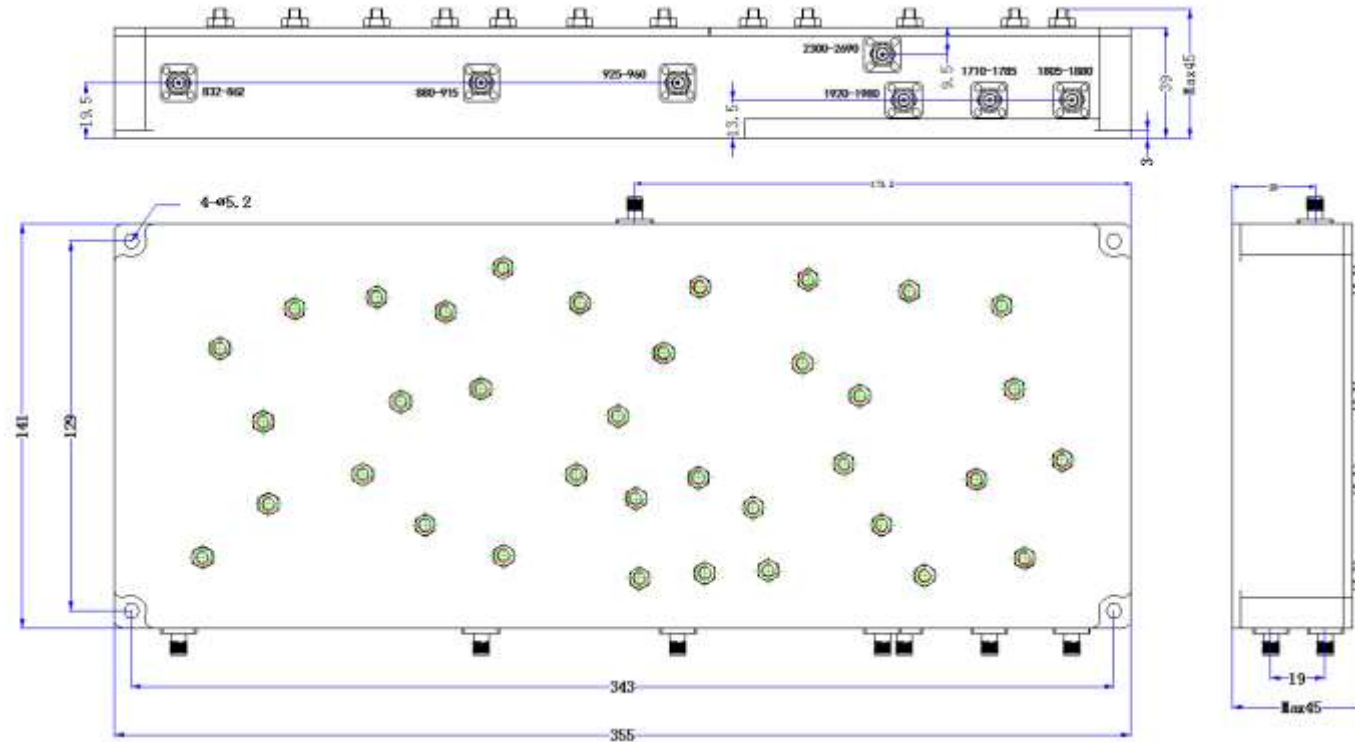
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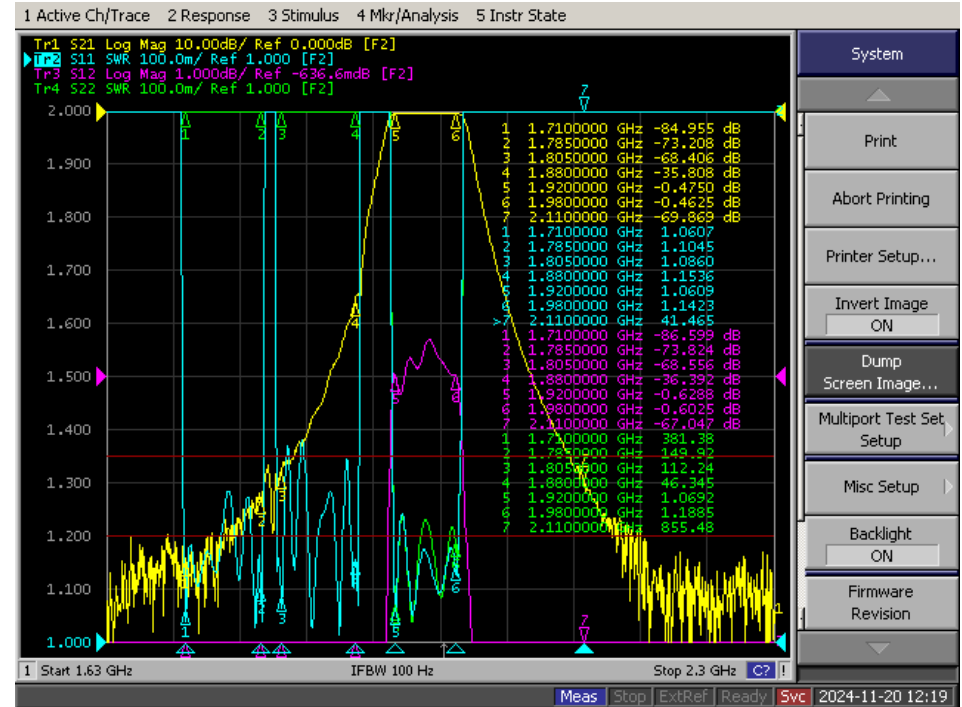
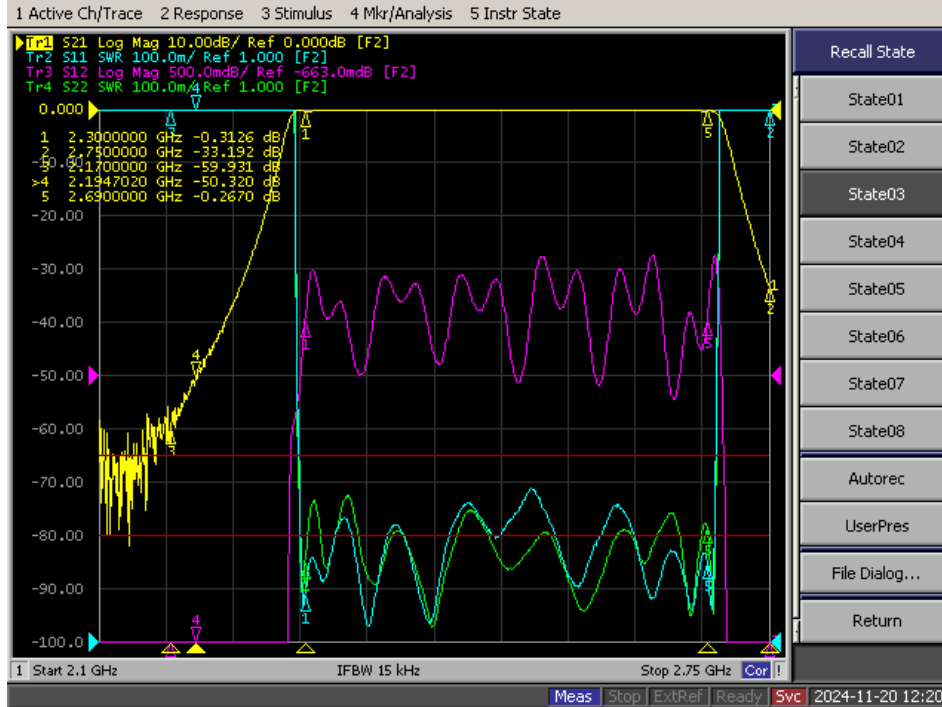
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Test dat



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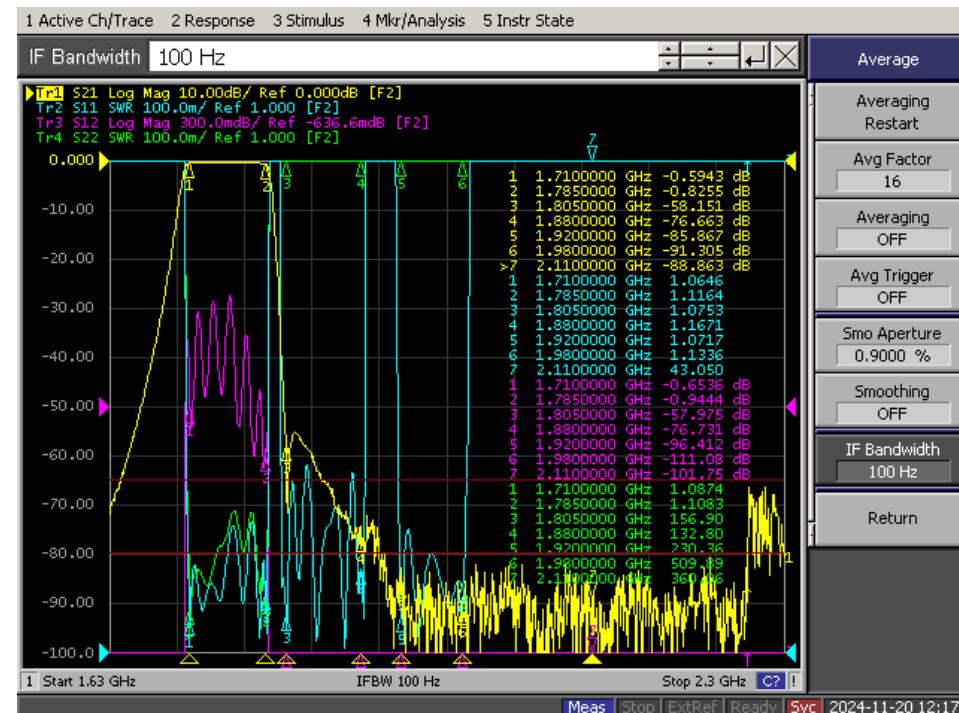
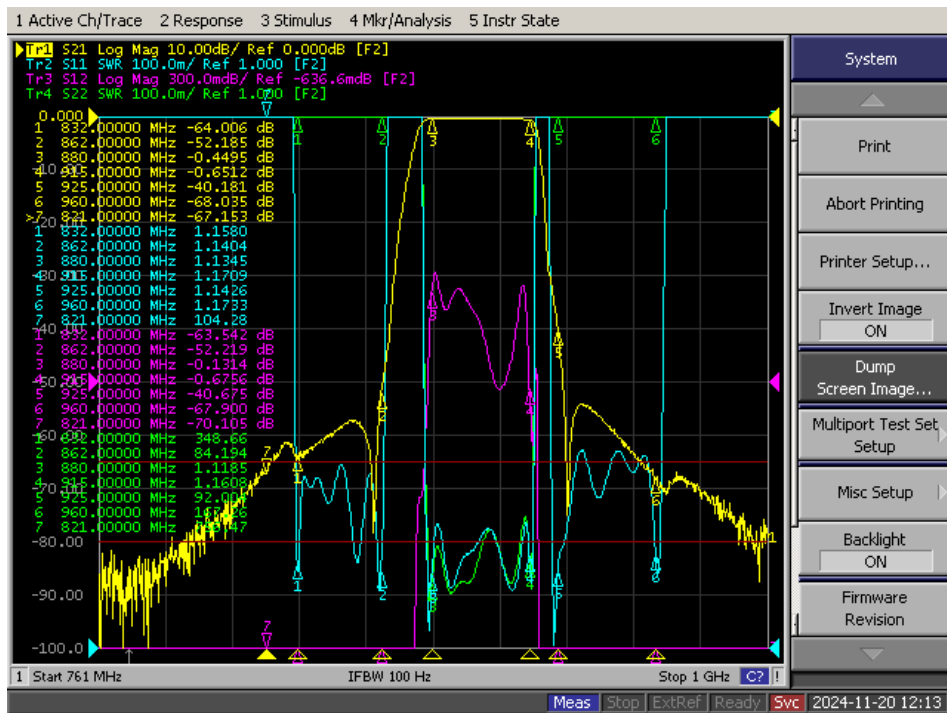
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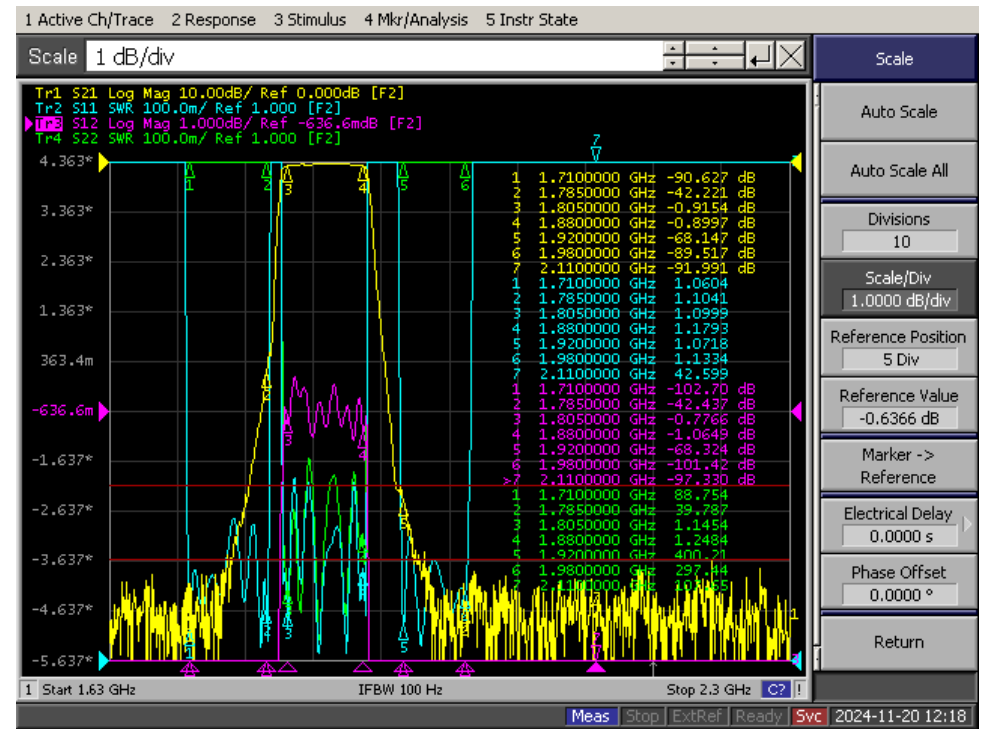
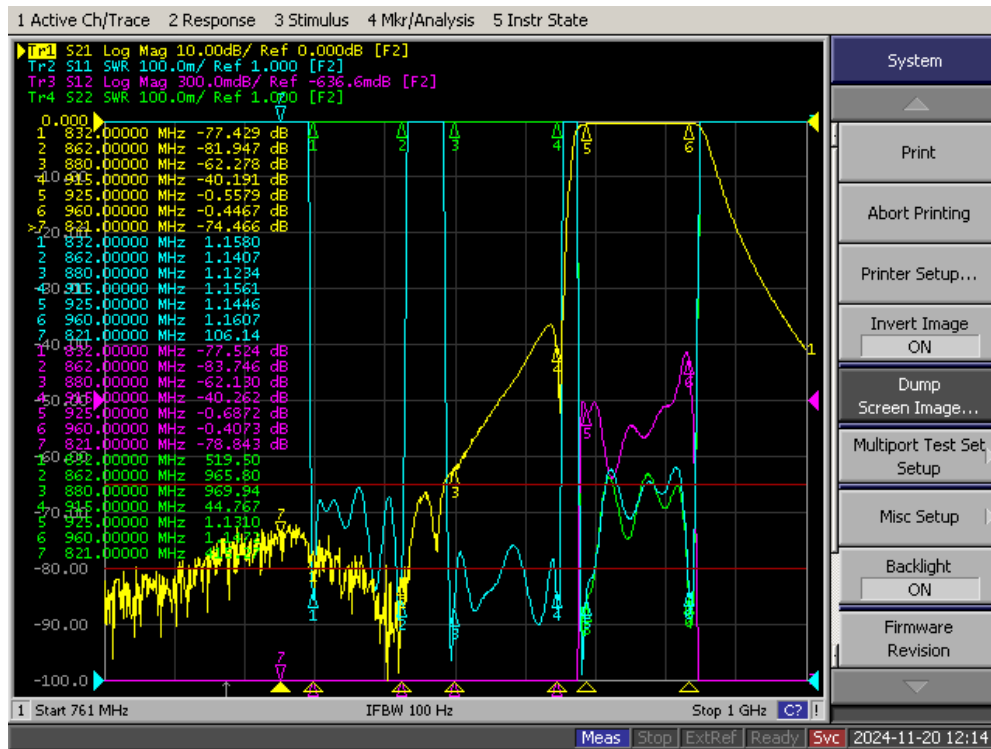
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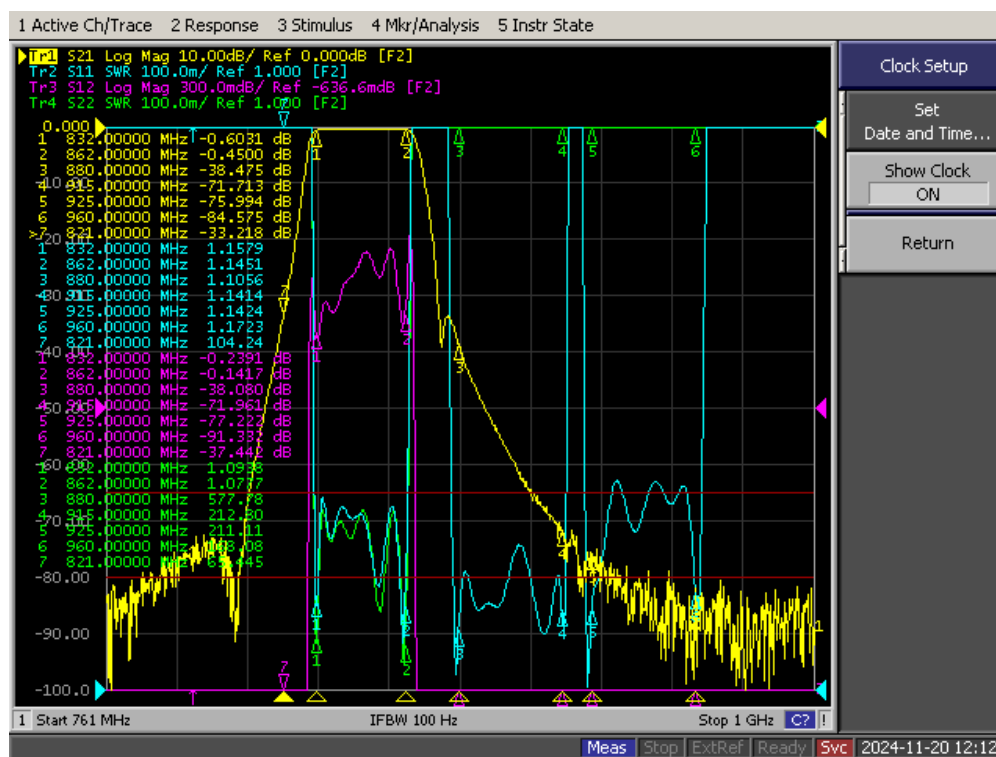
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