

TUNING DATA AND ELECTRICAL TEST CERTIFICATION

RF FILTER OR COMBINER

Shop Order: 31972

Serial No. 31972-1

Customer Order: MSJ07726A

Customer: RFS of MO

Address: 22406 NE159th St. Kearney MO 64060

Model No. 2914-3

Additional Description: _____

Notch Filter ☐

Bandpass Filter ☒

Branched Combiner ☐

Balanced Combiner ☐

Frequency: 95.1 MHz

Input: Type "N"

Output: Type "N"

Enclosed: Smith Chart ☒

VSWR ☒

Insertion Loss ☒

Frequency Response ☒

Isolation ☒

Group Delay ☒

Other ☐ _____

Applicable Specifications and Notes: _____

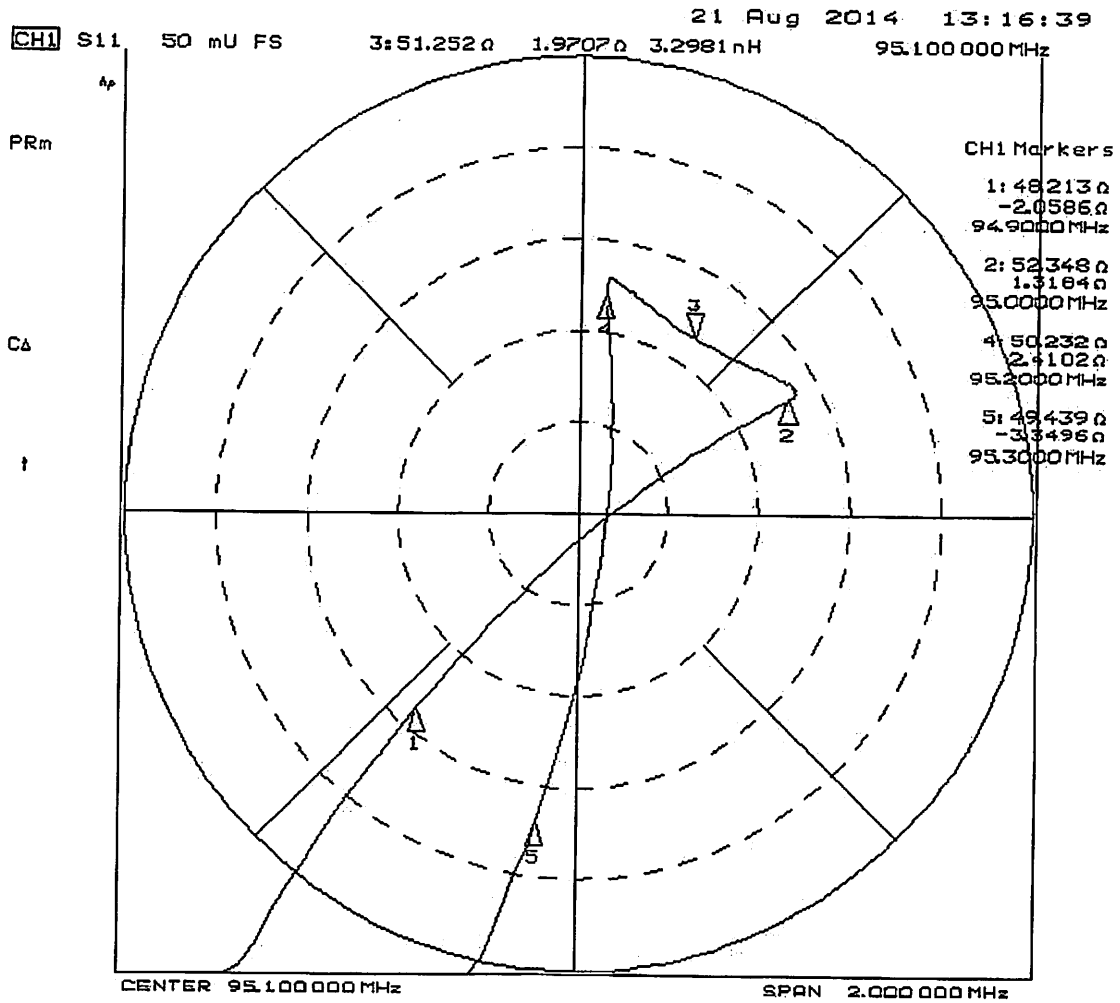
The signature below certifies that this equipment has been tested and is in compliance with the applicable specifications for this order.

By: Jeffrey Allen

Date: 8-21-2014

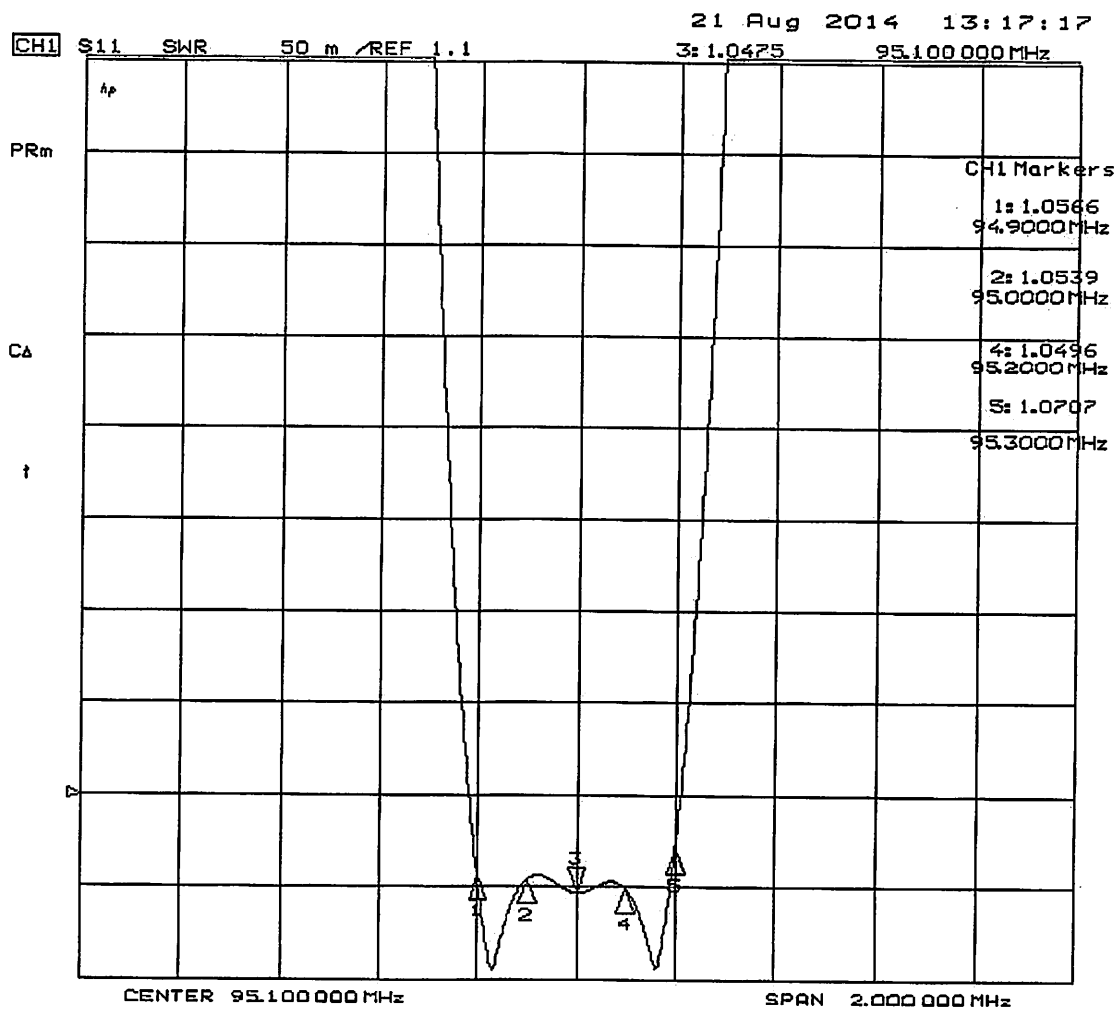
31972
Bandpass filter
95.1 MHz.

SMITH



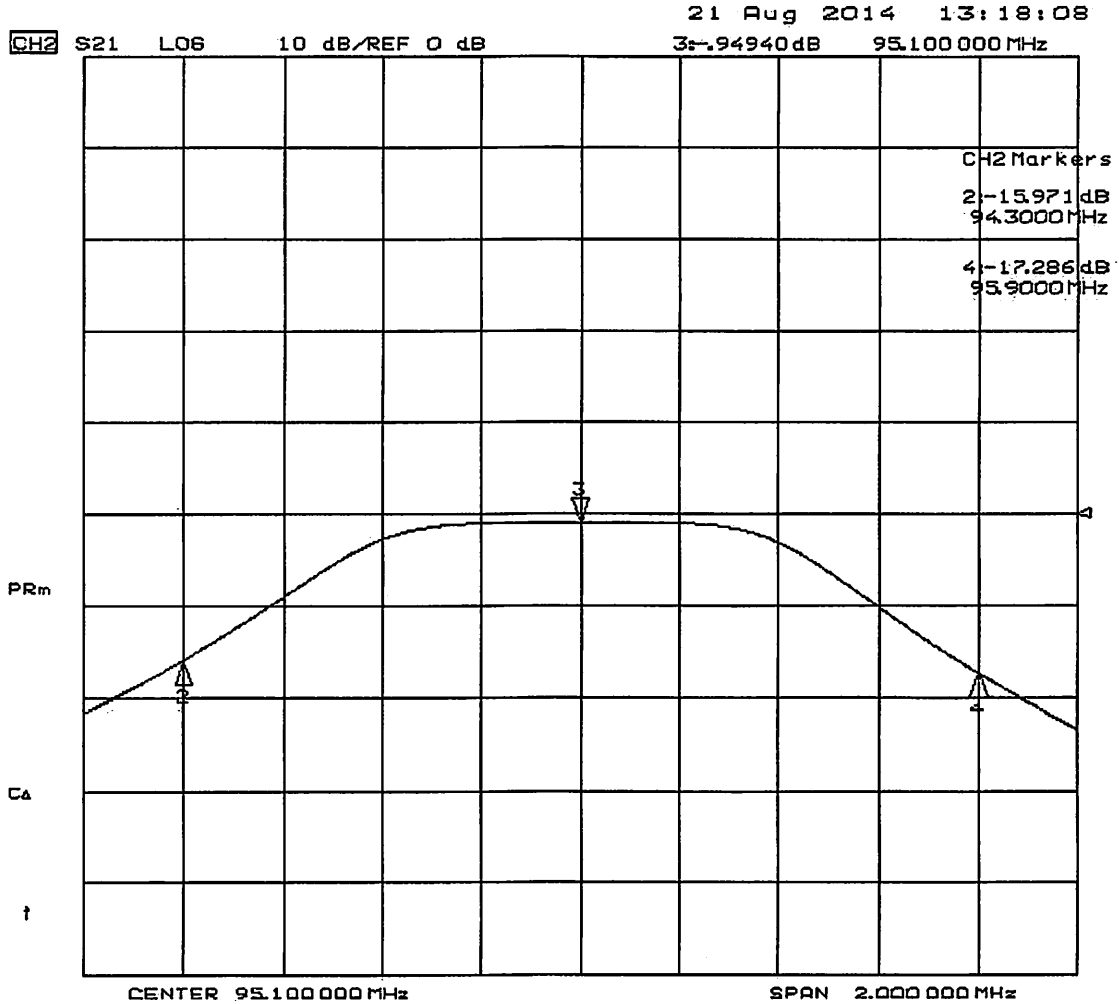
31972
Bandpass filter
95.1 MHz.

VSWR



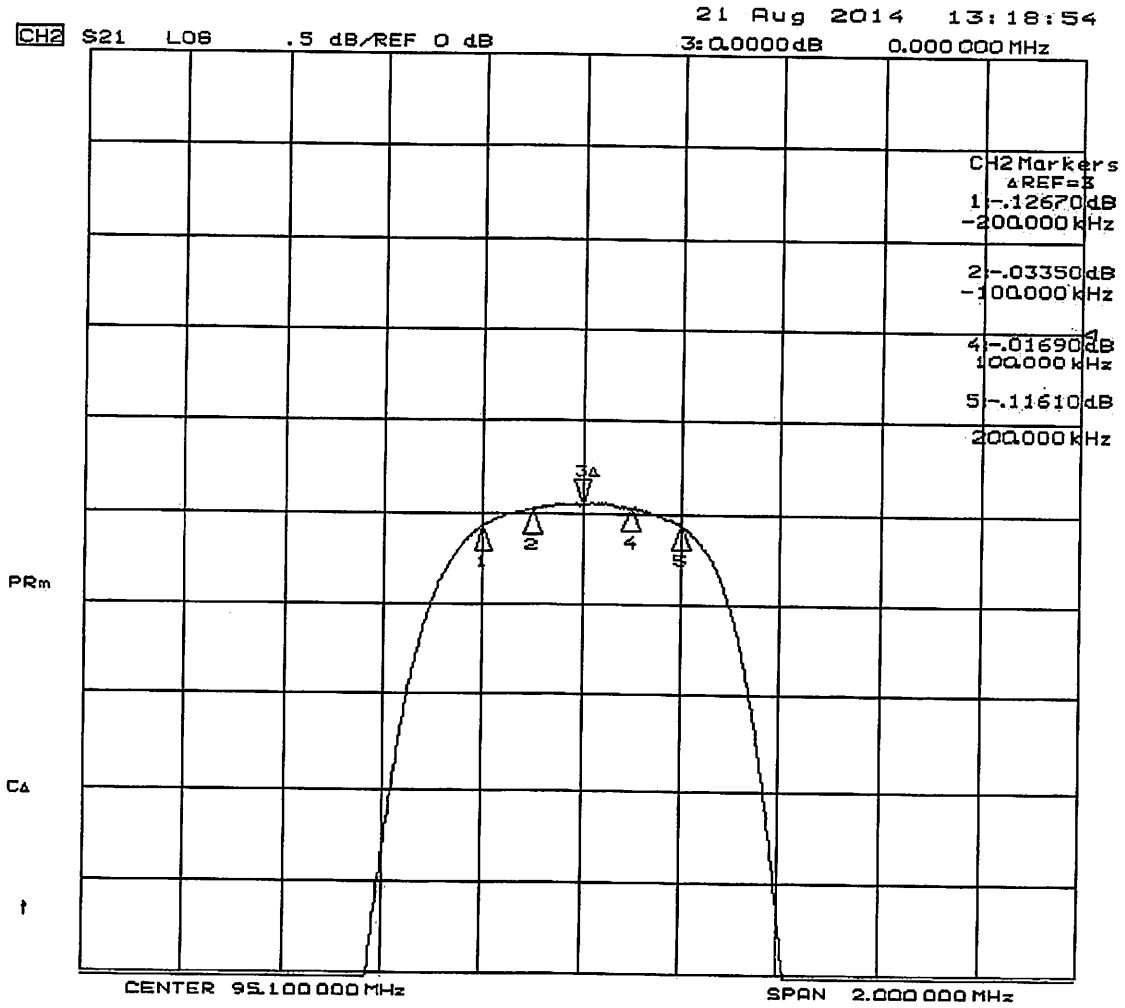
31972
Bandpass filter
95.1 MHz.

Insertion Loss & Isolation +/- 800KHz



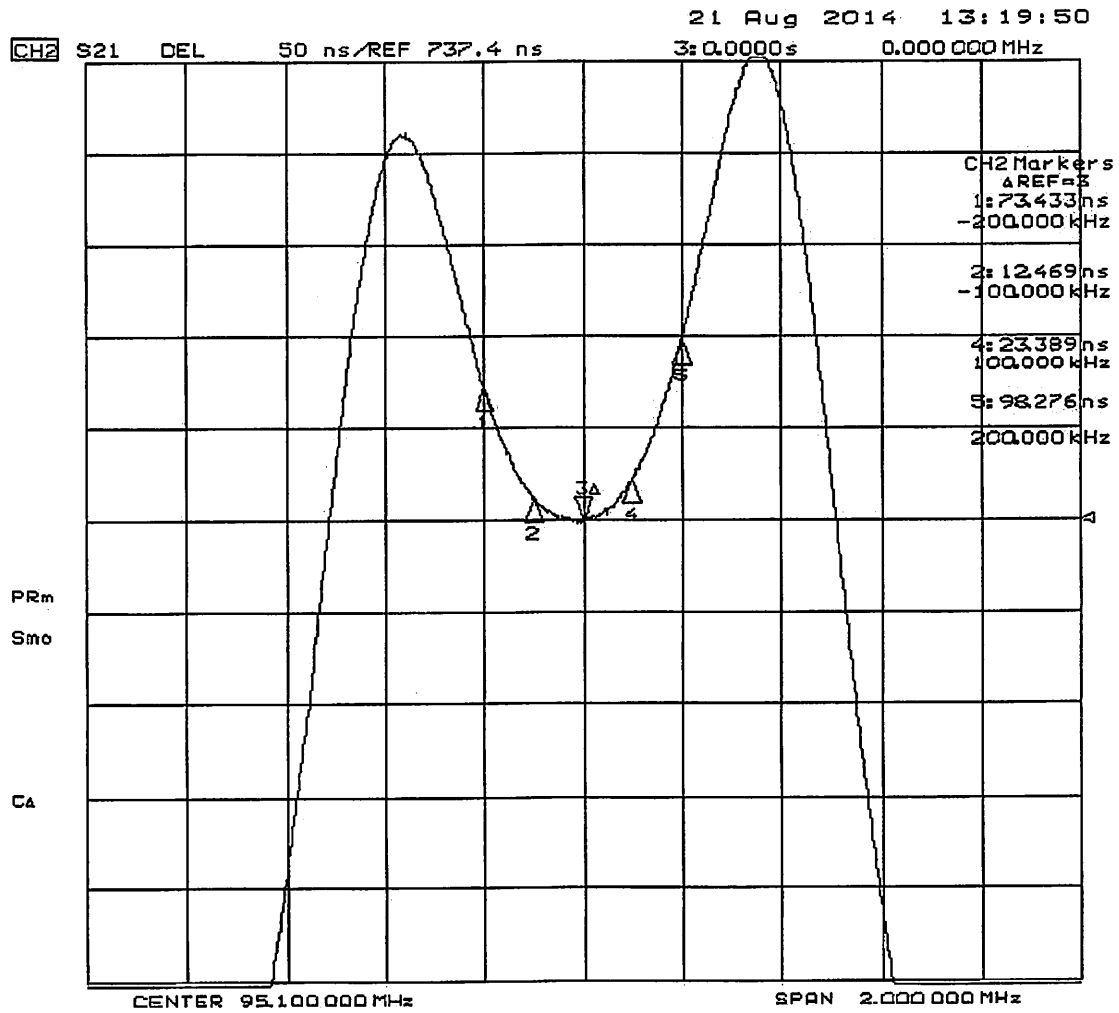
31972
Bandpass filter
95.1 MHz.

Frequency Response



31972
Bandpass filter
95.1 MHz.

Group Delay



RF FILTER FINAL INSPECTION CHECK SHEET

	Specified	Verified
Filter type	2914-3	x
Frequency		
Pass (MHz):	<u>95.1</u>	
Notch (MHz):		
Coupled energy through loop (ensure incident port relative to the frequency is used)		
Cross-coupling cable type:	(select)	(select)
Cross-coupling loop length:		
Output network coax length:		
Power rating		
Verified against shop order	x	x
Cooling fans tested		
Input	<u>TYPE"N"</u>	x
Output	<u>TYPE"N"</u>	x
Hardware tightened		
Probes	x	x
Coupling		x
Attachments	x	x
Sentry-Seal and/or scribe marks	x	x
Marking		
Frequency stamped on filter	x	x
Labels	x	x
Data		
Recorded	x	x
Filed in \\Shively2\shop_orders	x	x

Shop Order: 31972

Inspector:




Date: August 21, 2014