

SAW Filter 916.450MHz

Model: TA0344A

Part No: MA07630

Rev No: 2

A. MAXIMUM RATING:

1. Input Power Level: 15dBm
2. DC voltage: 5V
3. Operating Temperature: -30°C to +85°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

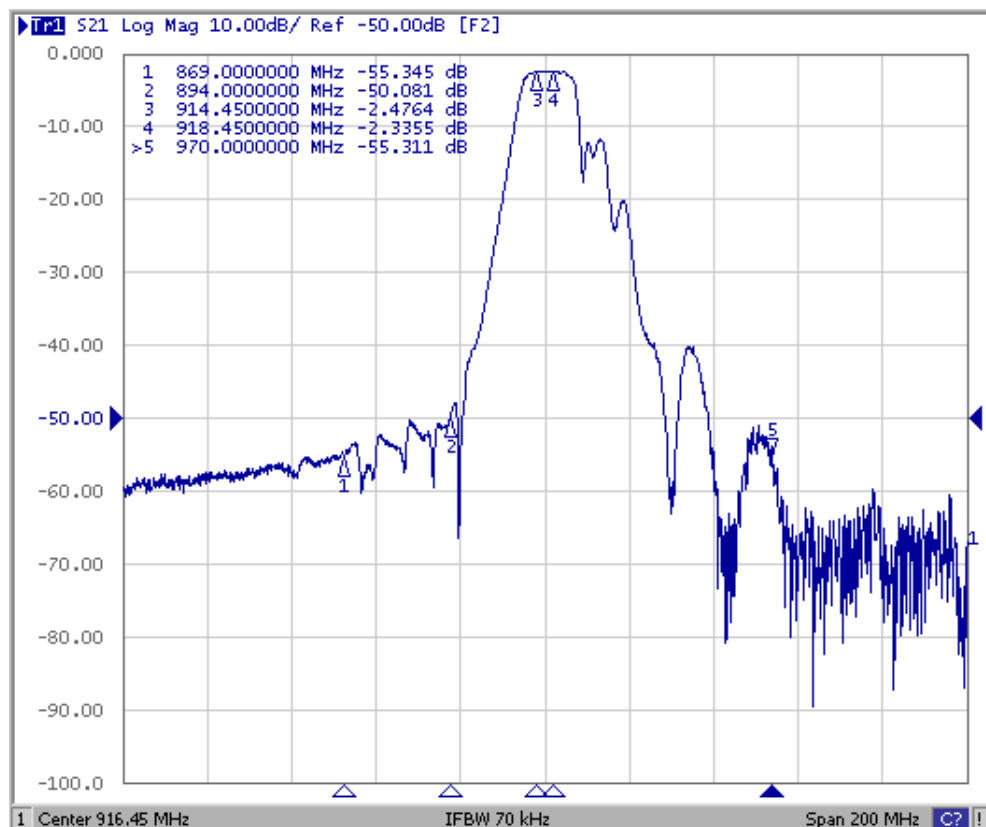
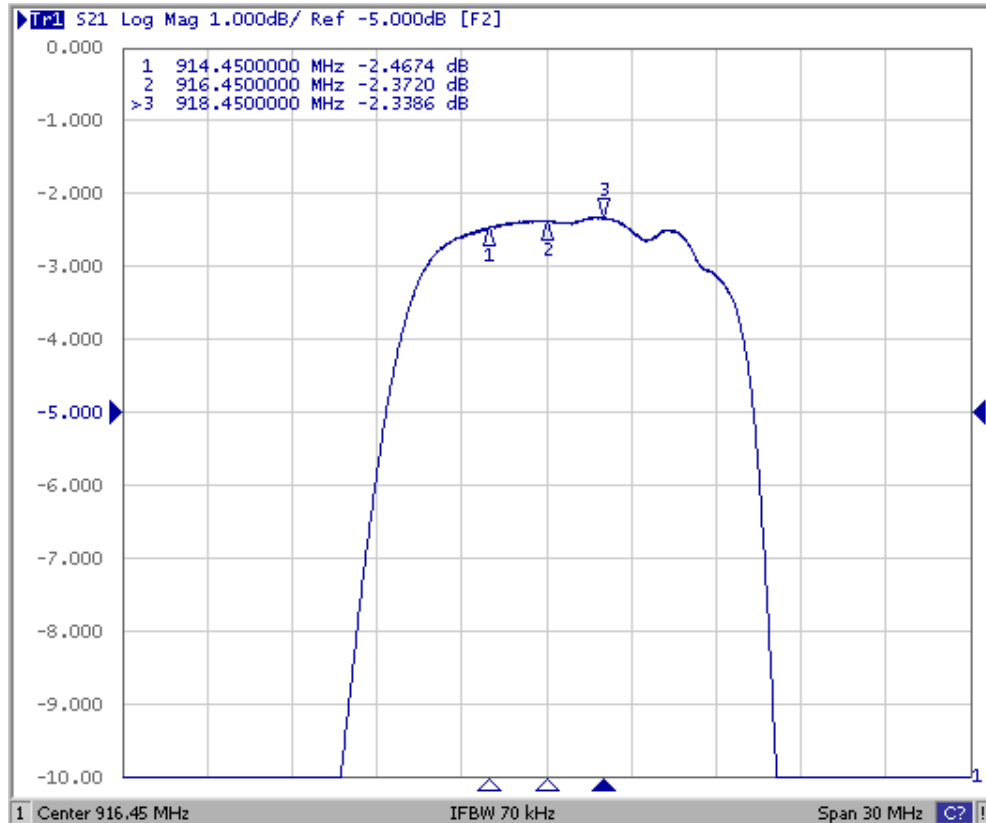
Item	Min.	Typ.	Max.
Center frequency Fc MHz	-	916.45	-
Insertion loss 914.45 ~ 918.45MHz IL (dB)	-	2.7	3.5
Amplitude ripple 914.45 ~ 918.45MHz (dB)	-	0.3	1.0
VSWR 914.45 ~ 918.45MHz	-	1.5	2.0
Absolute Attenuation			
D.C. ~ 600MHz (dB)	50	57	-
600 ~ 840MHz (dB)	40	51	-
869 ~ 894MHz (dB)	35	46	-
970 ~ 1500MHz (dB)	40	47	-
1500 ~ 3000MHz (dB)	25	32	-
Source impedance Z _S (Ω)	-	50	-
Load impedance Z _L (Ω)	-	50	-

Note 1. No matching network required for operation at 50

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C. FREQUENCY CHARACTERISTICS:

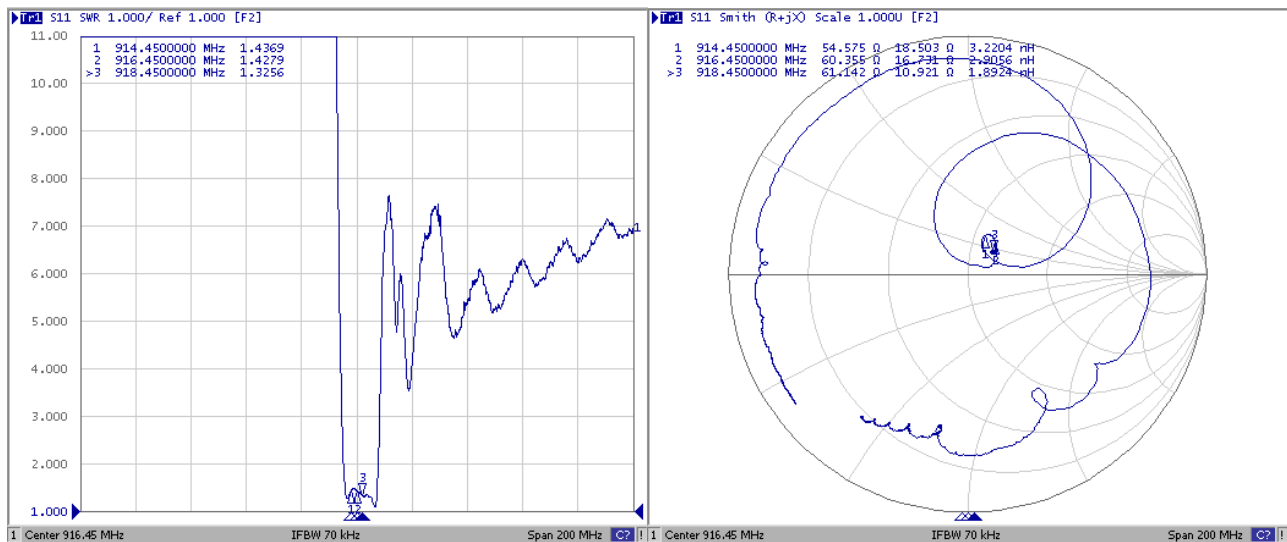


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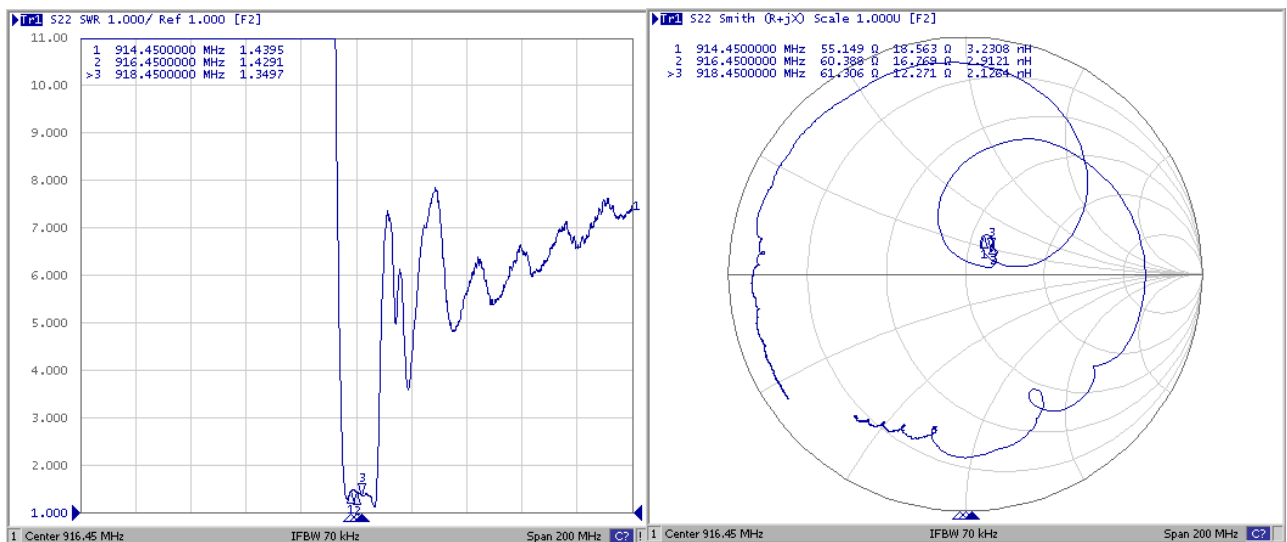
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Reflections Functions

S11



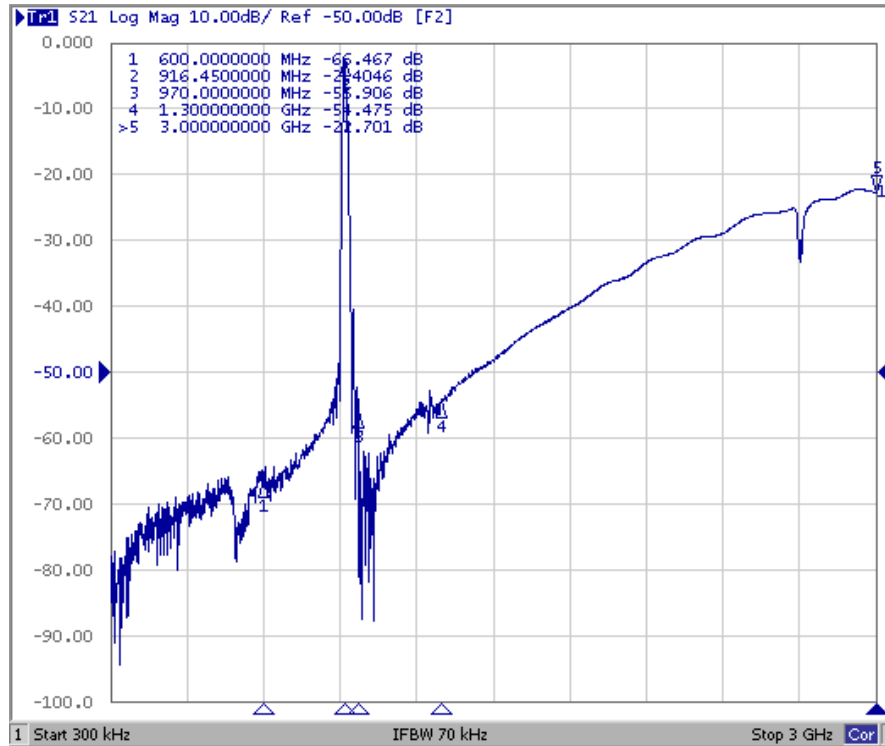
S22



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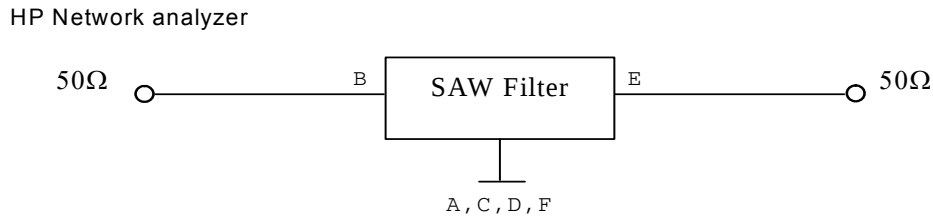
Wideband



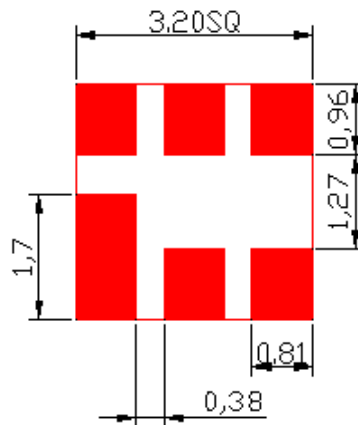
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D. MEASUREMENT CIRCUIT:



E. PCB FOOTPRINT:



F. OUTLINE DRAWING:

