

## 1.0 Electrical Specifications

No.	Characteristics Band 1		Unit	Typical	Minimum	Maximum
1.1	Center Frequency		Mhz	164		
1.2	1.0 dB Bandwith		Mhz		150	178
1.3	Insertion Loss at 164 MHz		dB			3
1.4	VSWR From 153 to 175 MHz					1.5:1
1.5	Ripple p-p From 150 to 178 MHz		dB			1
1.6	Attenuation	From 1 to 89 MHz	dB		50	
		From 225 to 700 MHz	dB		50	
1.7	In/Out Impedance		Ohms	50		
1.8	Maximum input power (Average)		Watts			2
1.9	Maximum input power (Peak)		Watts			20

No.	Characteristics Band 2		Unit	Typical	Minimum	Maximum
1.1	Center Frequency		Mhz	195		
1.2	1.0 dB Bandwith		Mhz		178	212
1.3	Insertion Loss at 195 MHz		dB			3
1.4	VSWR From 182 to 208 MHz					1.5:1
1.5	Ripple p-p From 178 to 212 MHz		dB			1
1.6	Attenuation	From 1 to 106 MHz	dB		50	
		From 227 to 700 MHz	dB		50	
1.7	In/Out Impedance		Ohms	50		
1.8	Maximum input power (Average)		Watts			2
1.9	Maximum input power (Peak)		Watts			20

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MODEL :

**B1183119100**



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SIZE  
**A**

CAGE CODE  
**1WTM6**

DWG NO. **83119100**

REV

SCALE NONE

FILE

83119100-24

SHEET 2 of 4

## 1.0 Electrical Specifications

No.	Characteristics Band 3		Unit	Typical	Minimum	Maximum
1.1	Center Frequency		Mhz	232		
1.2	1.0 dB Bandwith		Mhz		212	252
1.3	Insertion Loss at 232 MHz		dB			3
1.4	VSWR From 217 to 247 MHz					1.5:1
1.5	Ripple p-p from 212 to 252 MHz		dB			1
1.6	Attenuation	From 1 to 126 MHz	dB		50	
		From 318 to 700 MHz	dB		50	
1.7	In/Out Impedance		Ohms	50		
1.8	Maximum input power (Average)		Watts			2
1.9	Maximum input power (Peak)		Watts			20

No.	Characteristics Band 4		Unit	Typical	Minimum	Maximum
1.1	Center Frequency		Mhz	276		
1.2	1.0 dB Bandwith		Mhz		252	300
1.3	Insertion Loss at 276 MHz		dB			3
1.4	VSWR From 258 to 294 MHz					1.5:1
1.5	Ripple p-p from 252 to 300 MHz		dB			1
1.6	Attenuation	From 1 to 150 MHz	dB		50	
		From 378 to 700 MHz	dB		50	
1.7	In/Out Impedance		Ohms	50		
1.8	Maximum input power (Average)		Watts			2
1.9	Maximum input power (Peak)		Watts			20

## 2.0 Environmental Specifications

2.1	Temperature range (operating)	-0°C to +60°C
2.4	Humidity	95% Relative

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MODEL :

**B11-83119100**



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SIZE  
**A**

CAGE CODE  
**1WTM6**

DWG NO. **83119100**

REV

SCALE NONE

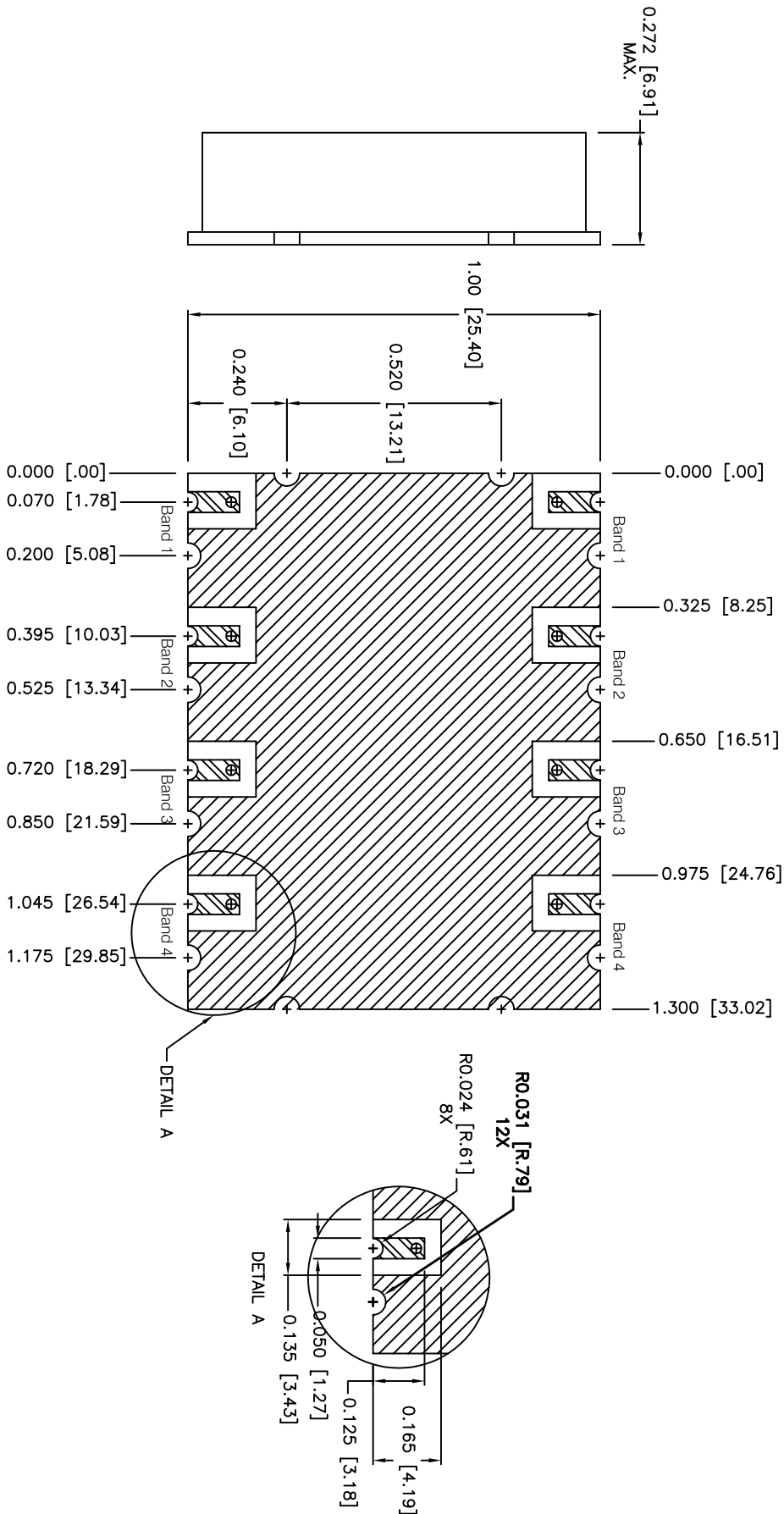
FILE 83119100-34

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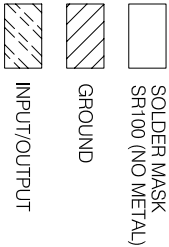
# 3.0 Mechanical Specifications

DWG. NO. 83119100

DWG. NO. 83119100



Material: Nickel Silver/FR4  
 Finish: Tin/Nickel  
 Unless otherwise noted  
 Tol. are: inch [mm]  
 .XX ± 0.02 [0.51]  
 .XXX ± 0.005 [0.127]

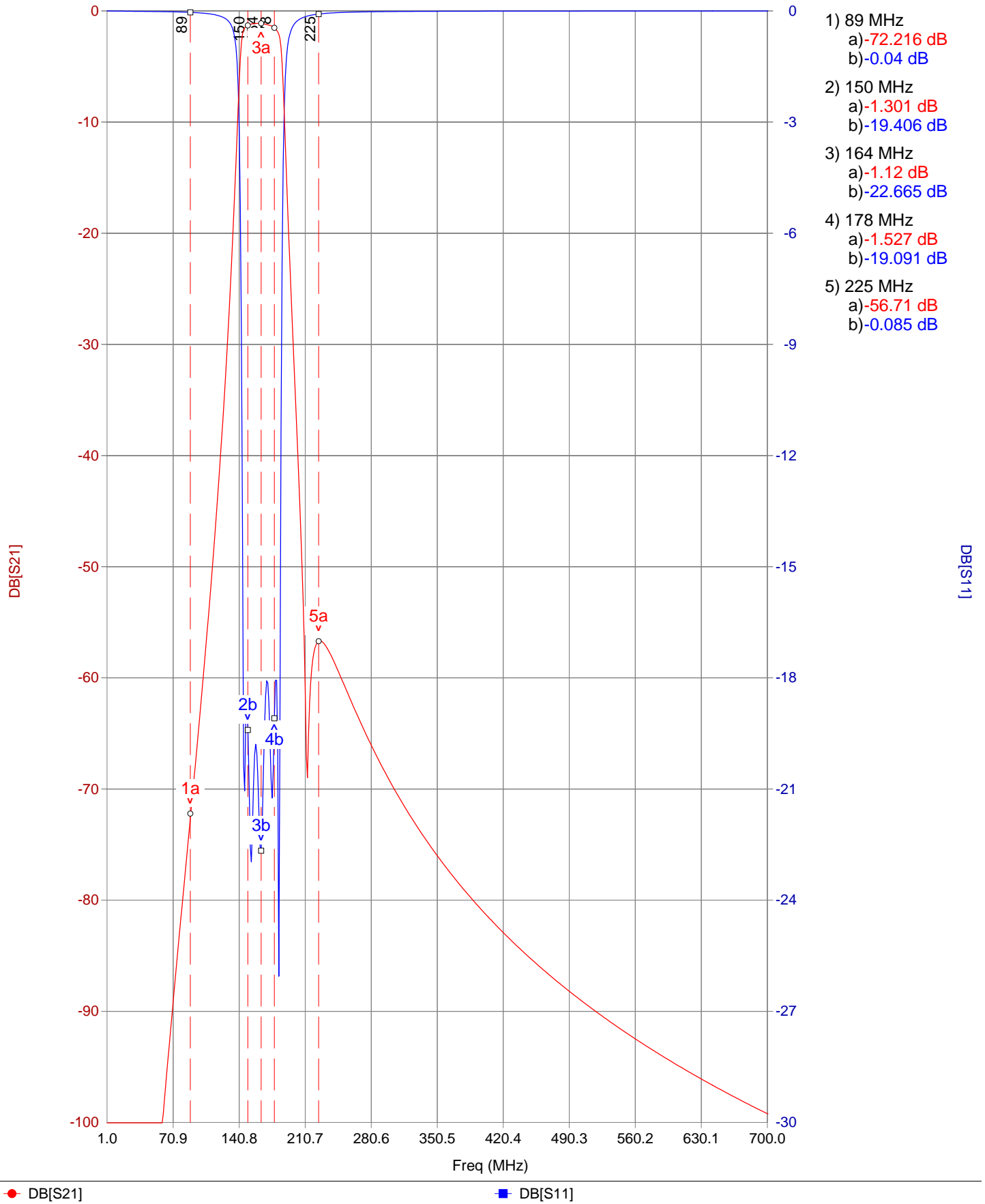


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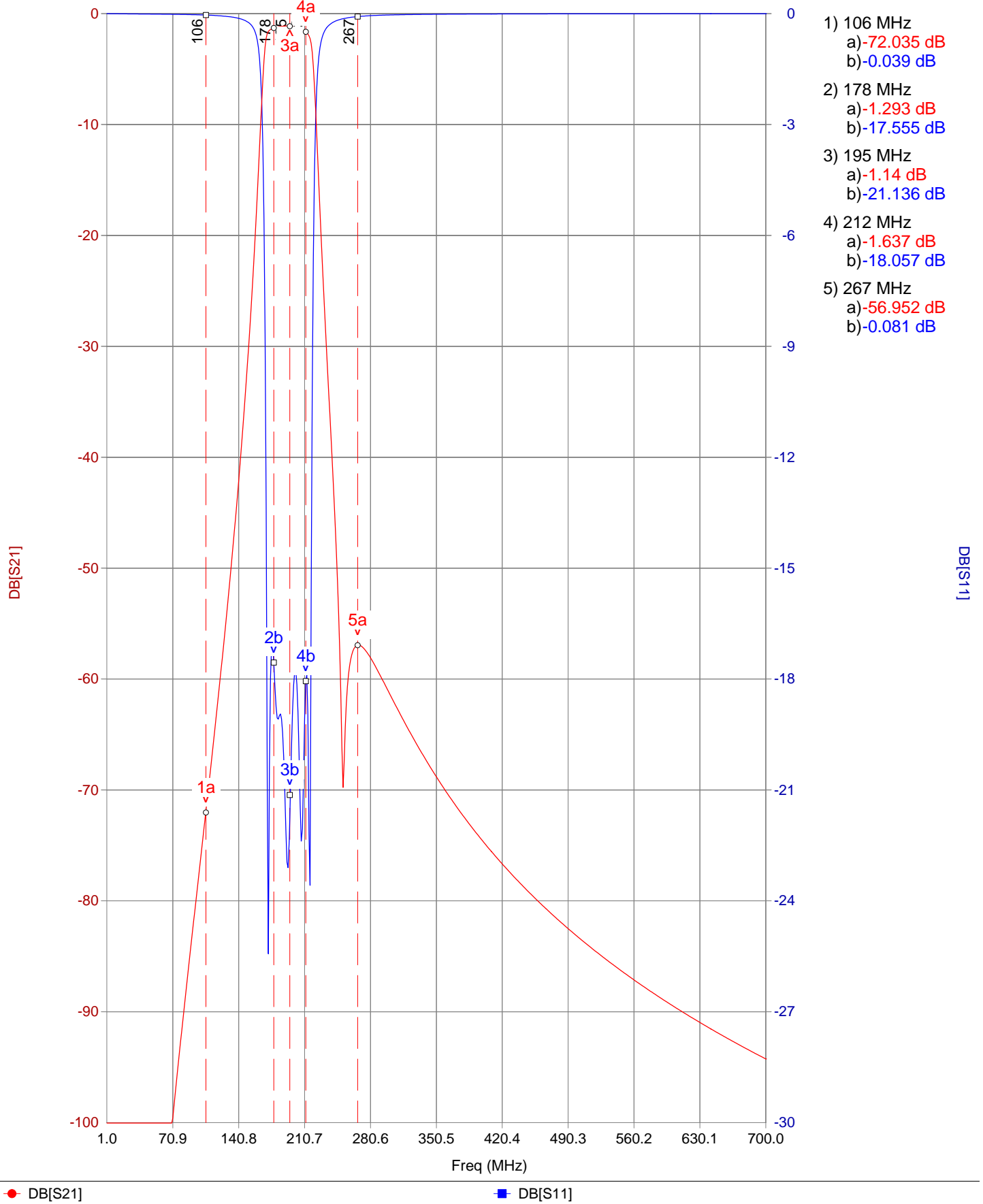
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MODEL:		B11-83119100	
SIZE	CAGE CODE	DWG NO.	REV.
A	NONE	83119100	
SCALE NONE	FILE: 83119100-44	SHEET 4-4	

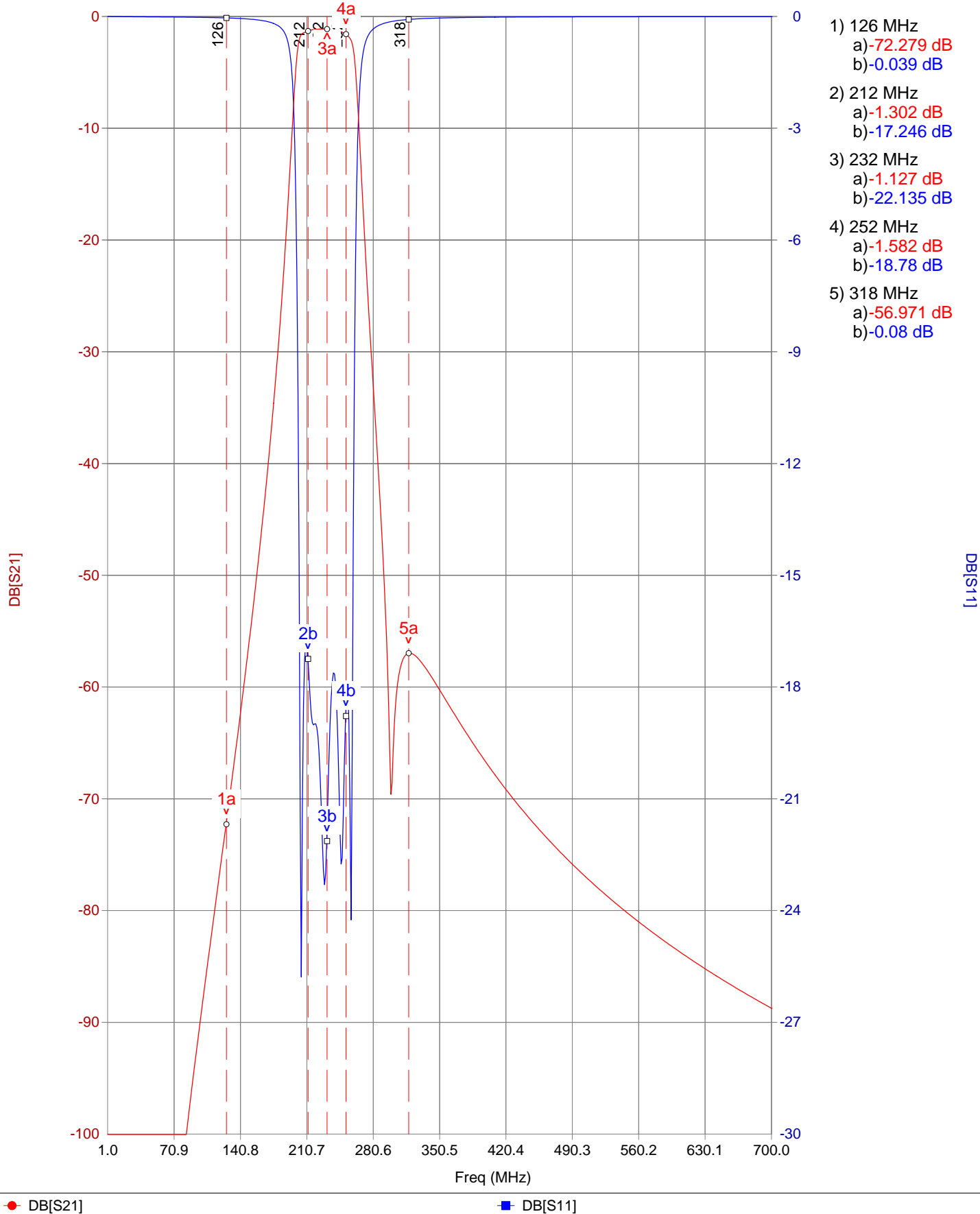
# BAND 1



## BAND 2



# BAND 3



# BAND 4

