	Customer		Version No.	1.0
	Model Name	MCC4-000013A1	Date	12/15/2019
	Item Name	2.1 G/800MHz Quadruplexer		

1. Specification

1.1. Electrical

Parameter		Specification
1950M (Band-1)	Operating Band	1920 ~ 1980 MHz
	Insertion Loss	1.5dB max.
	Return Loss (VSWR)	17.7dB min. (1.3:1 max.)
	Attenuation	75dB min. @ 2110 ~ 2170 MHz
2140M (Band-1)	Operating Band	2110 ~ 2170 MHz
	Insertion Loss	1.5dB max.
	Return Loss (VSWR)	17.7dB min. (1.3:1 max.)
	Attenuation	75dB min. @ 1920 ~ 1980 MHz
836.5M (Band-5)	Operating Band	824.0 ~ 849.0 MHz
	Insertion Loss	1.5dB max.
	Return Loss (VSWR)	17.7dB min. (1.3:1 Max.)
	Attenuation	75dB min. @ 869.0 ~ 894.0MHz
881.5M (Band-5)	Operating Band	869.0 ~ 894.0MHz
	Insertion Loss	1.5dB max.
	Return Loss (VSWR)	17.7dB min. (1.3:1 Max.)
	Attenuation	75dB min. @ 824.0 ~ 849.0MHz
Common	Power	50W max.
	Operating Temperature	+10.0 ~ +30.0°C
	Impedance	50Ω

1.2. Mechanical

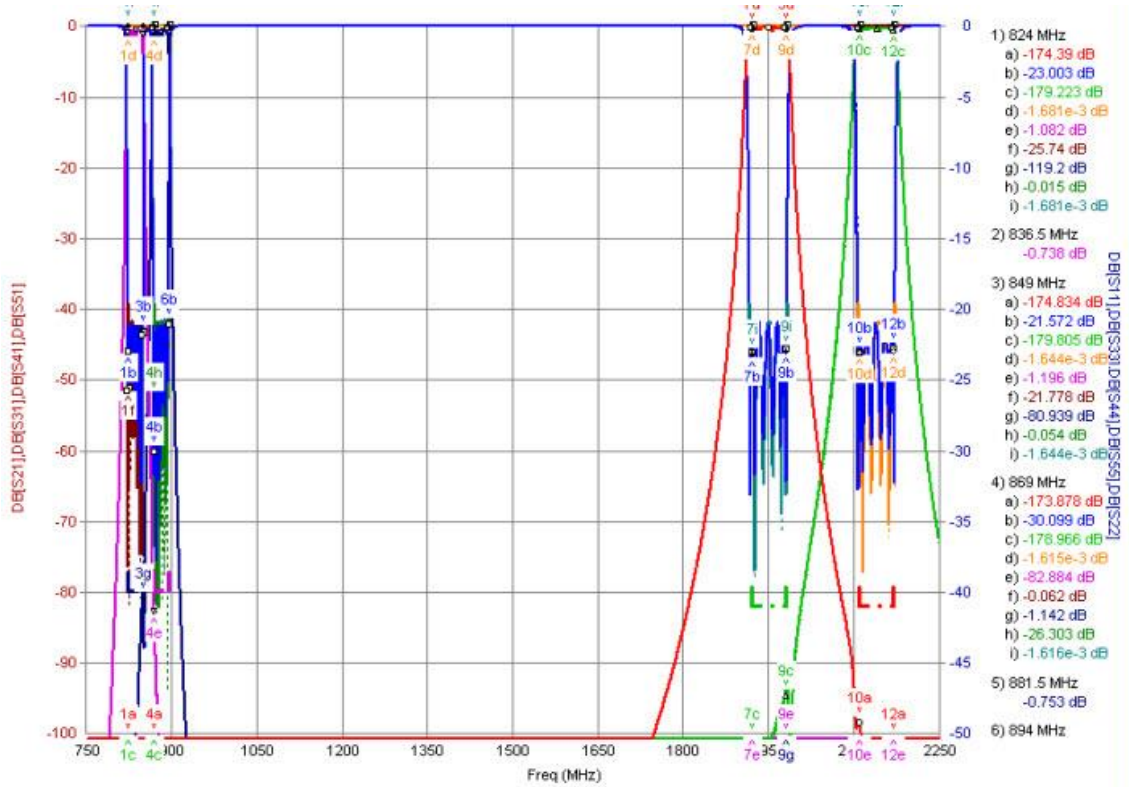
Parameter	Specification
Dimensions (WxDxH)	142.0x142.0x92.0 (104.0) (mm) ±1.0mm
Weight	-
Mounting Points	See Outline Drawings
RF Connector	All Ports: Passivity/Au Plate SMA(F)
Finish	BLACK
Connector Position	See Outline Drawings



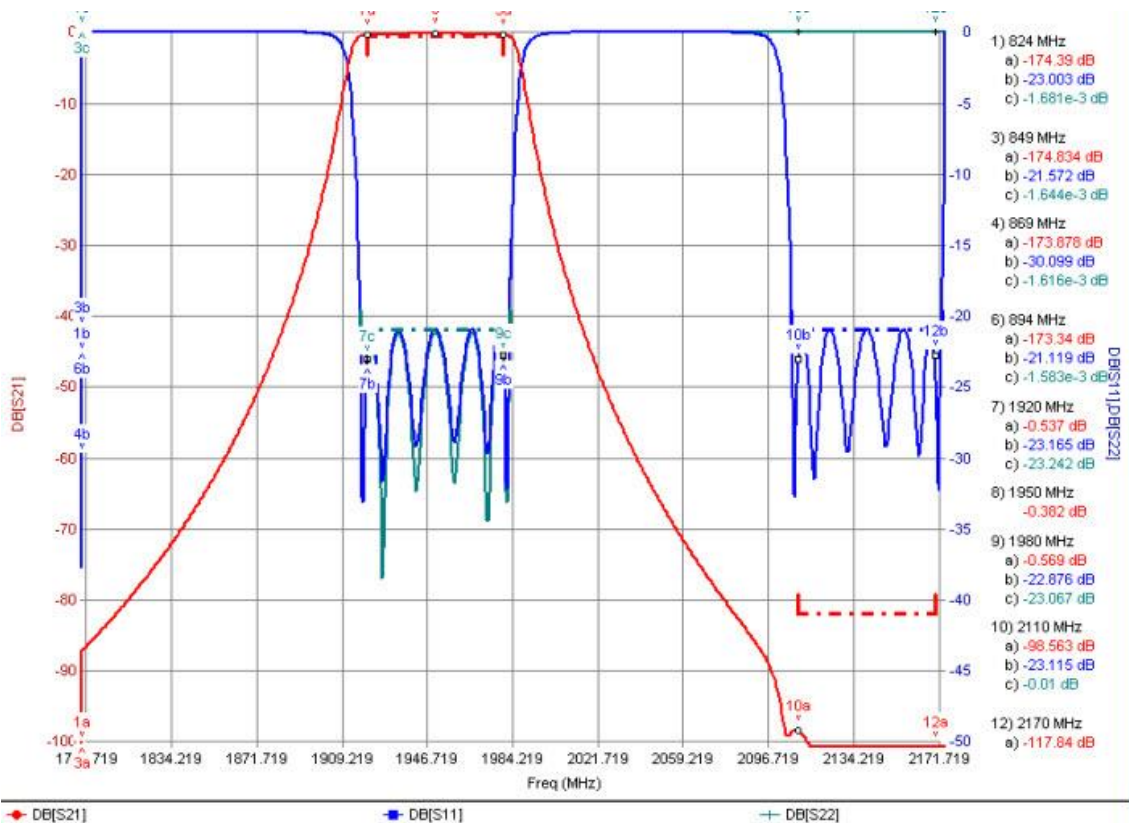
Customer		Version No.	1.0
Model Name	MCC4-000013A1	Date	12/15/2019
Item Name	2.1 G/800MHz Quadruplexer		

2. Simulation Data

2.1. I/L & R/L & Attenuation_FULL

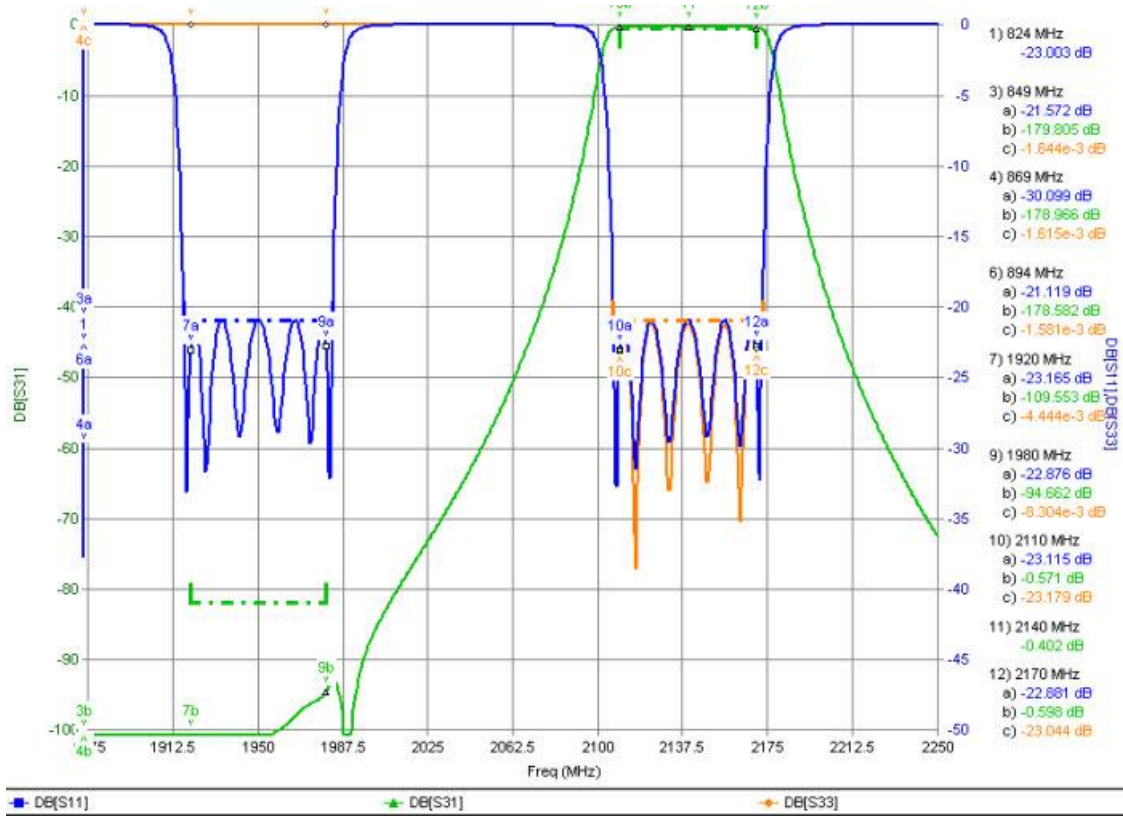


2.2. I/L & R/L & Attenuation_2.1G

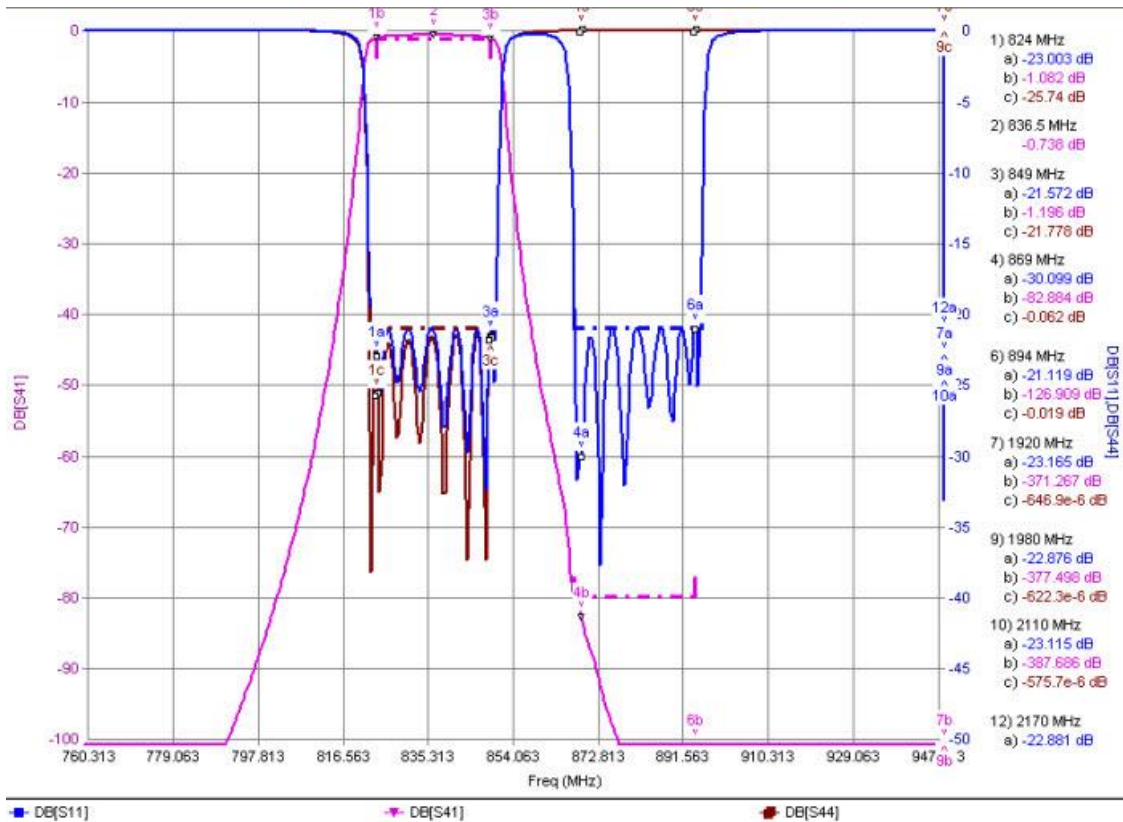




Customer		Version No.	1.0
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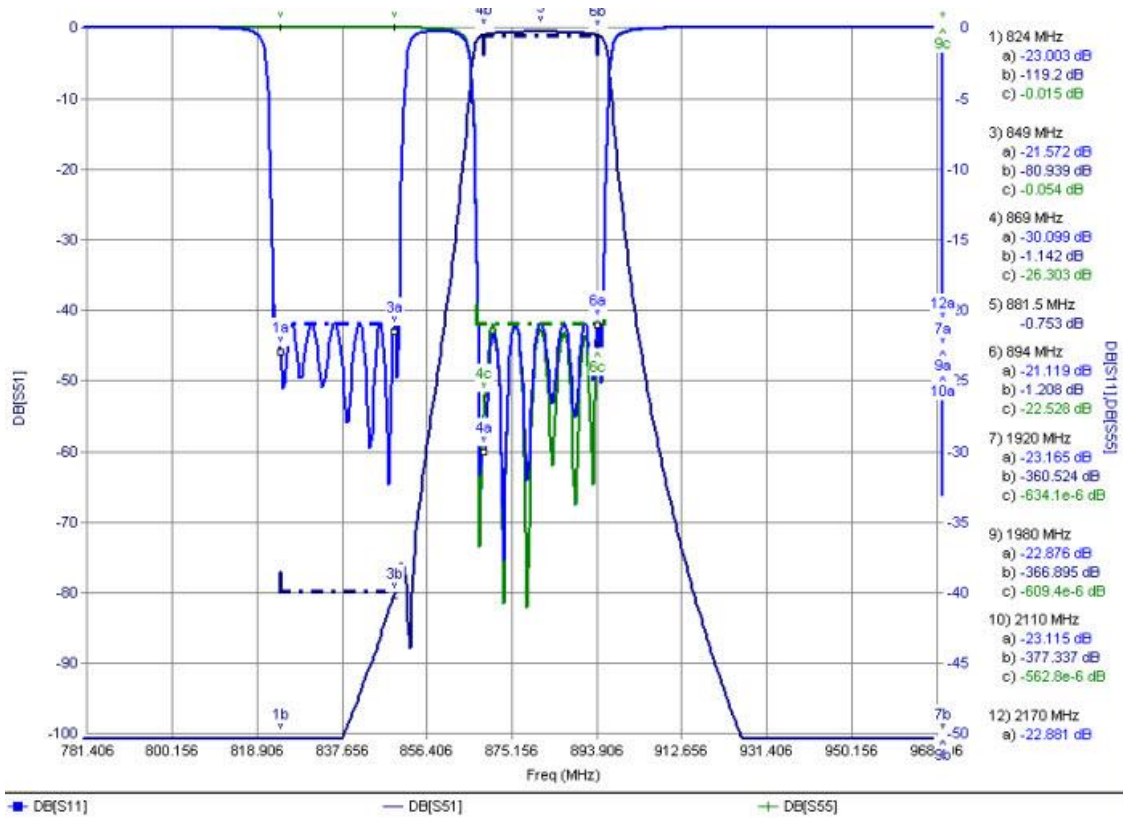



2.3. I/L & R/L & Attenuation_800M





Customer		Version No.	1.0
Model Name	MCC4-000013A1	Date	12/15/2019
Item Name	2.1 G/800MHz Quadruplexer		



	Customer		Version No.	1.0
	Model Name	MCC4-000013A1	Date	12/15/2019
	Item Name	2.1 G/800MHz Quadruplexer		

3. OUTLINE

