



Document	Document Number	Revision	Date
Spec Sheet	FAX045046A01	A	25-Feb-2020

## Duplexer Proposal

**P/N : FAX045046A01**

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Revision	Description	Date
A	Initial Release	25-Feb-2020

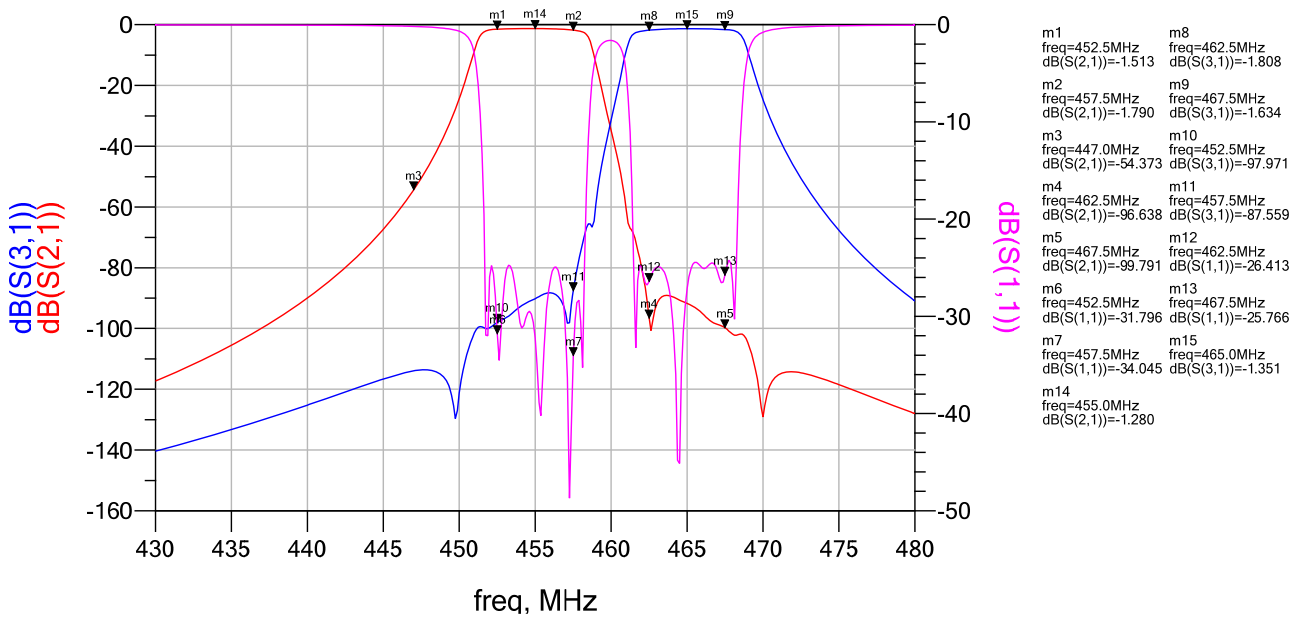


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## 1. Electrical Specifications

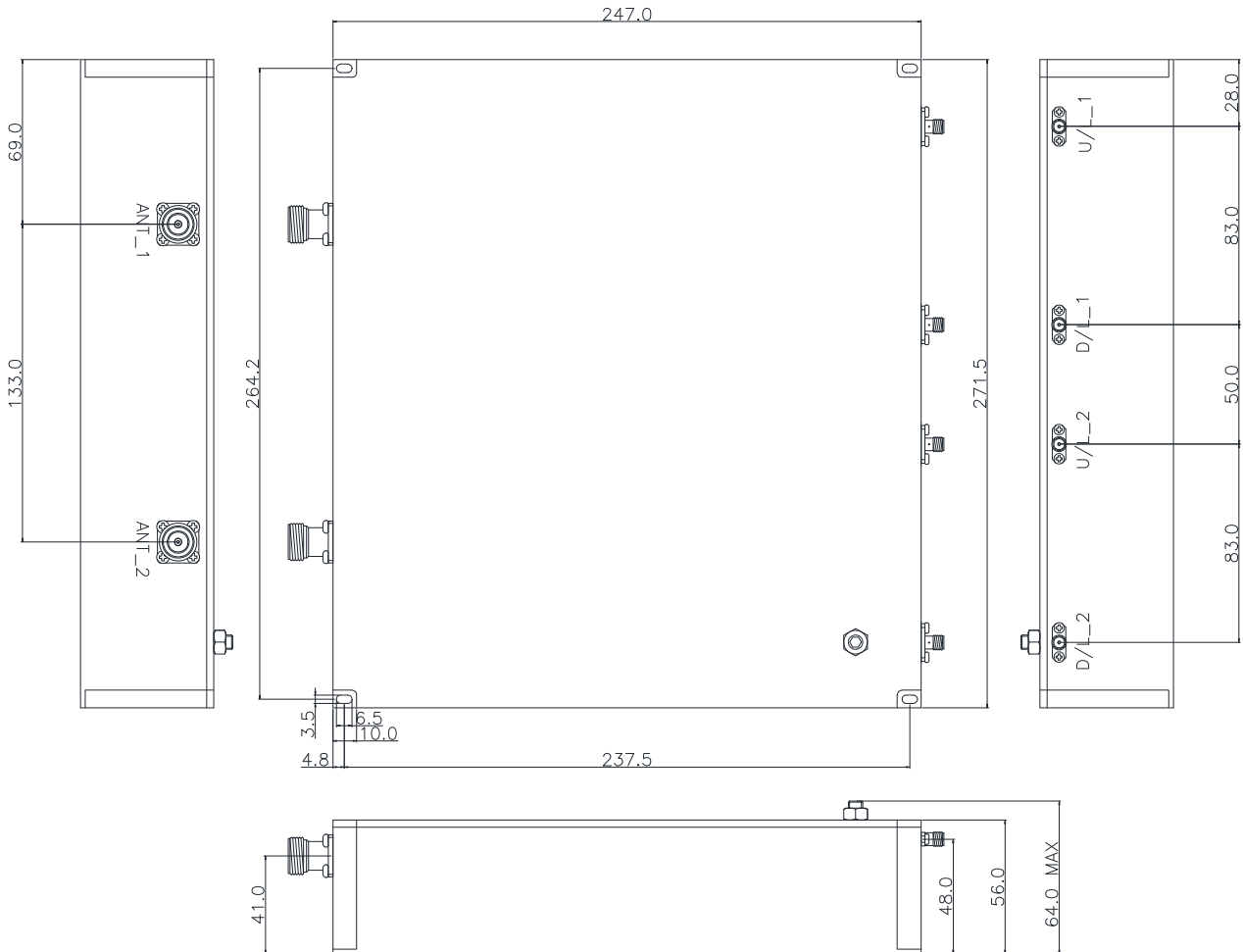
Item	Specification		Simulation		Proposal	
	U/L	D/L	U/L	D/L	U/L	D/L
Frequency Range	452.5 ~ 457.5MHz	462.5 ~ 467.5MHz	-	-	-	-
Insertion Loss (Max)	T.B.D	T.B.D	1.79	1.80	2.0dB max	2.0dB max
Ripple (Max)	T.B.D	T.B.D	0.51	0.45	1.0dB max	1.0dB max
Return Loss(Min)	T.B.D		22	22	18dB Min	18dB Min
Power CW (Ant port)	30W Average / 300W peak		-	-	OK	OK
Att (Min)	TBD@447.0MHz	-	54.37	-	45dB Min	OK
	80.0dB Min@462.5 ~ 467.5MHz	80.0dB Min@452.5 ~ 457.5MHz	88.0	87.50	OK	OK

## 2. Simulation Data



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### 3. Mechanical Specification



Parameter	Specification	Proposal
Dimension	TBD	247x 271.5 x 64.0 Max (Unit : mm)
RF Connector	TBD	Antenna ports N type Female UL port: SMA Female DL port: SMA Female
Finish	TBD	Black Color Epoxy Coating