

Cavity Duplexer

ACD1518M1675M85S

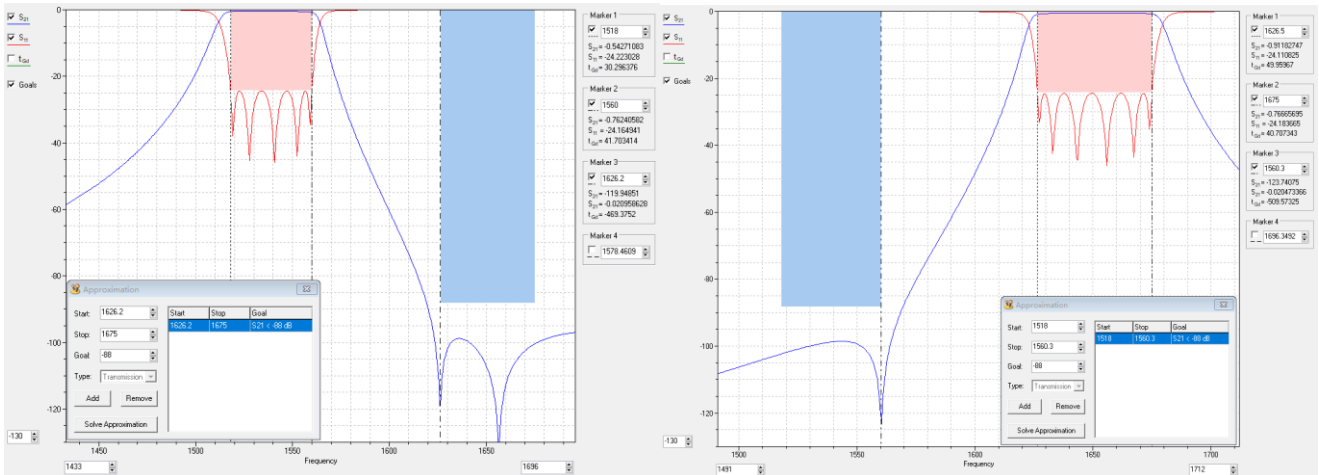
Revision record

Date	Version	Author	Revision description	Comment
2024/08/30	V1.0	Lee	Created	/

Electrical specification

Parameter	RX	TX
Frequency range	1518-1560MHz	1626.5-1675MHz
Return loss	≥14dB	≥14dB
Insertion loss	≤2.0dB	≤2.0dB
Rejection	≥85dB@1626.5-1675MHz	≥85dB@1518-1560MHz
Maximum power handling	100W CW	
Impedance all ports	50Ohm	

Simulation curve



Mechanical specification

Parameter	Specification
Dimension	L x W x H: 100mm x 100mm x 29mm (35mm Max)
Port connectors	SMA-female
Finish	Oxidation of aluminium alloy
Notes	Material shall be RoHS 6/6

Outline

