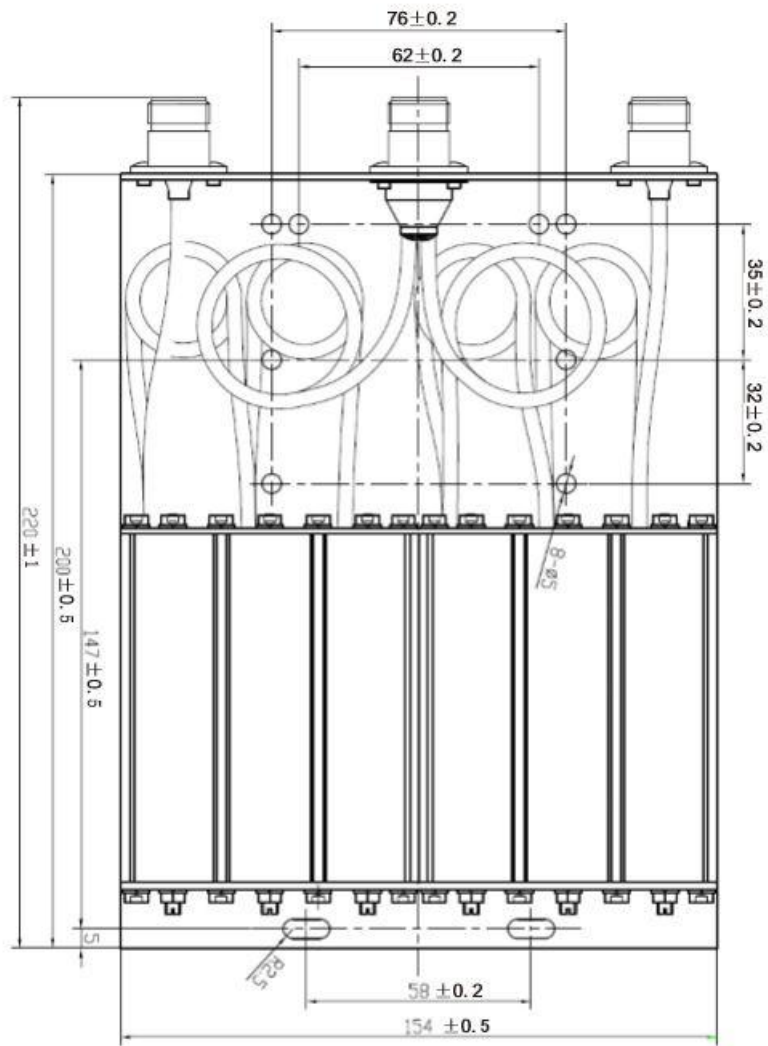


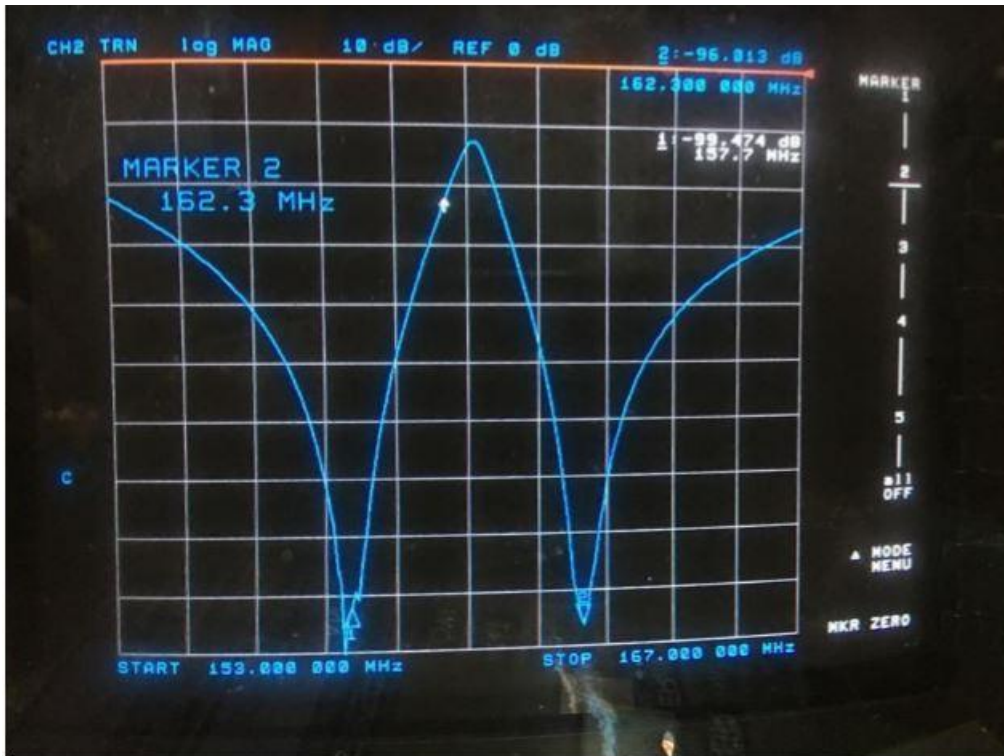
Repeater Duplexer Specifications

Serial	Parameters	
1	Frequency Range	157.7-162.3 MHz (centered on 160 MHz)
2	Bandwidth	≤200KHz (NA)
3	Frequency Spacing	4.6
4	Insertion Loss	≤1.2dB
5	Isolation	≥80 dB
6	Suppression	≥80dB
7	Return Loss	≥16dB
8	VSWR	≤1.3:1
9	Impedance	50 ohms
10	Power Handling	≤50W
11	Connectors	N
12	Surface Finish	Black Paint
13	Dimension	220x 154x 32 mm
14	Operating Temp	-30°C~+60°C
15	Storage Temp	0°C~+25°C
16	Weight	1.2kg
17	Configuration	As below (Unit: mm)

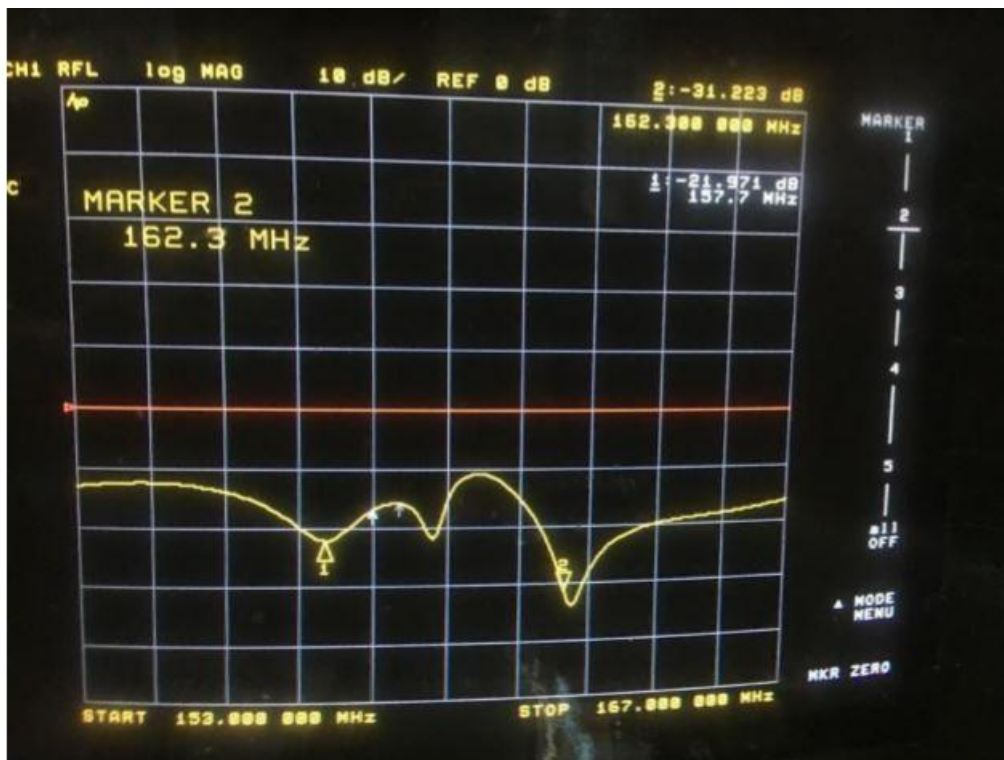




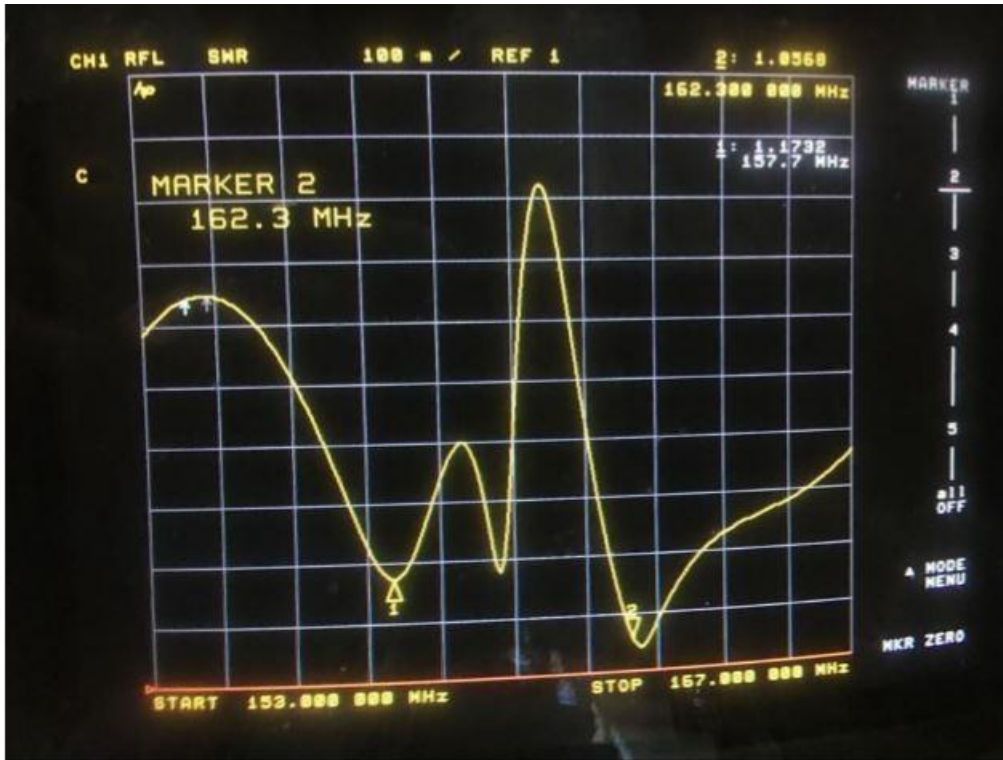
Performance



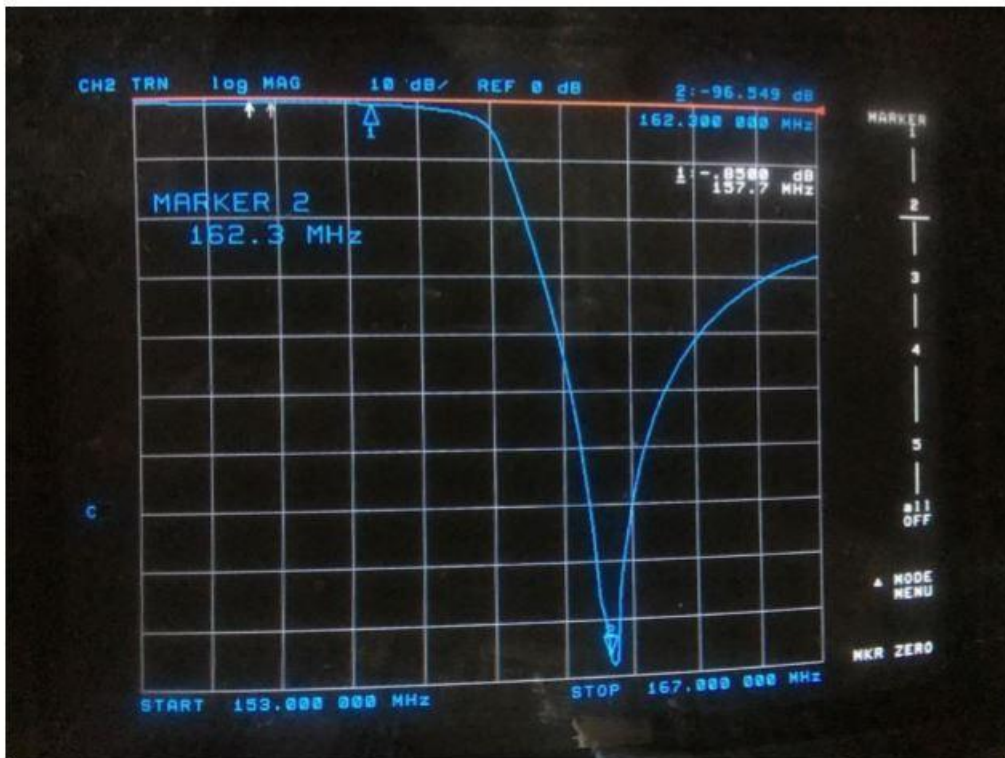
157.700MHz Isolation: -99.47, 162.300MHz Isolation: -96.01



157.700MHz Return Loss: 21.971, 162.300MHz Return Loss: 31.223



157.700MHz VSWR: 1.173, 162.300MHz VSWR:1.0568



157.700MHz Insertion Loss: 0.85



162.300MHz Insertion Loss: 0.869