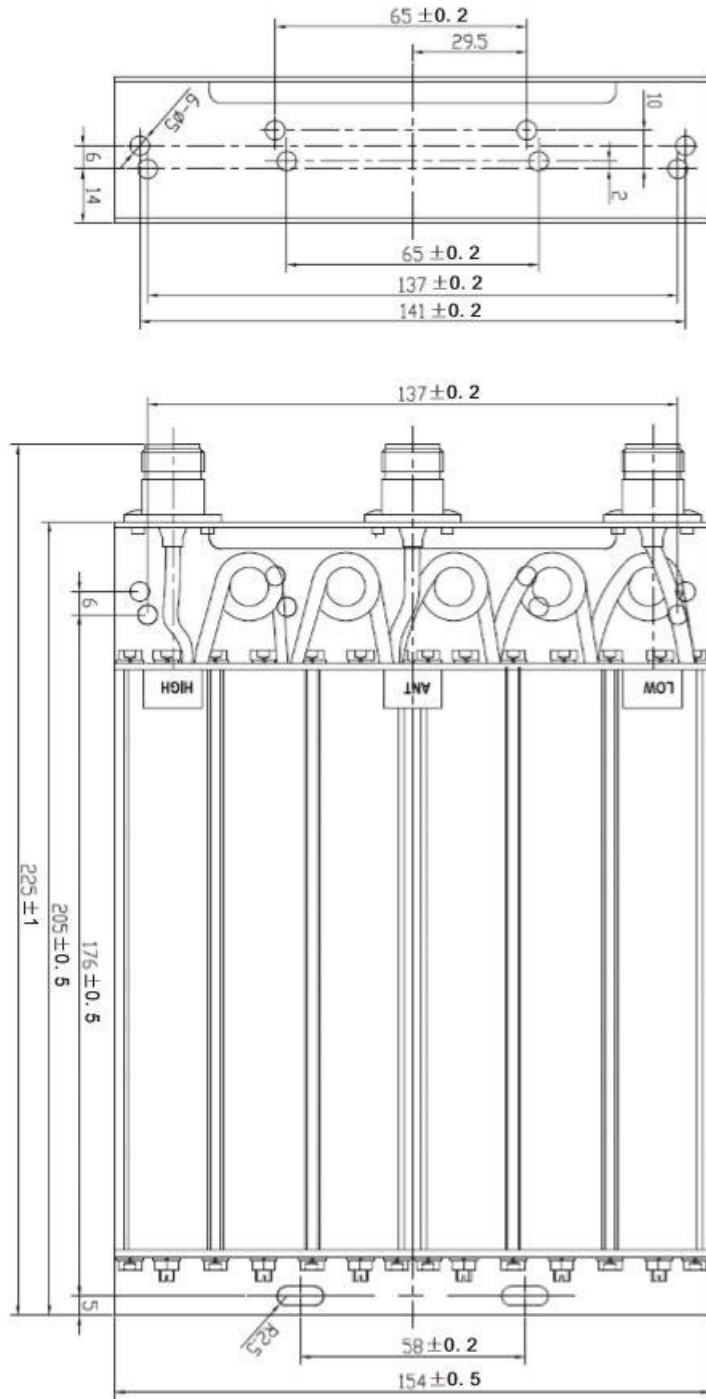


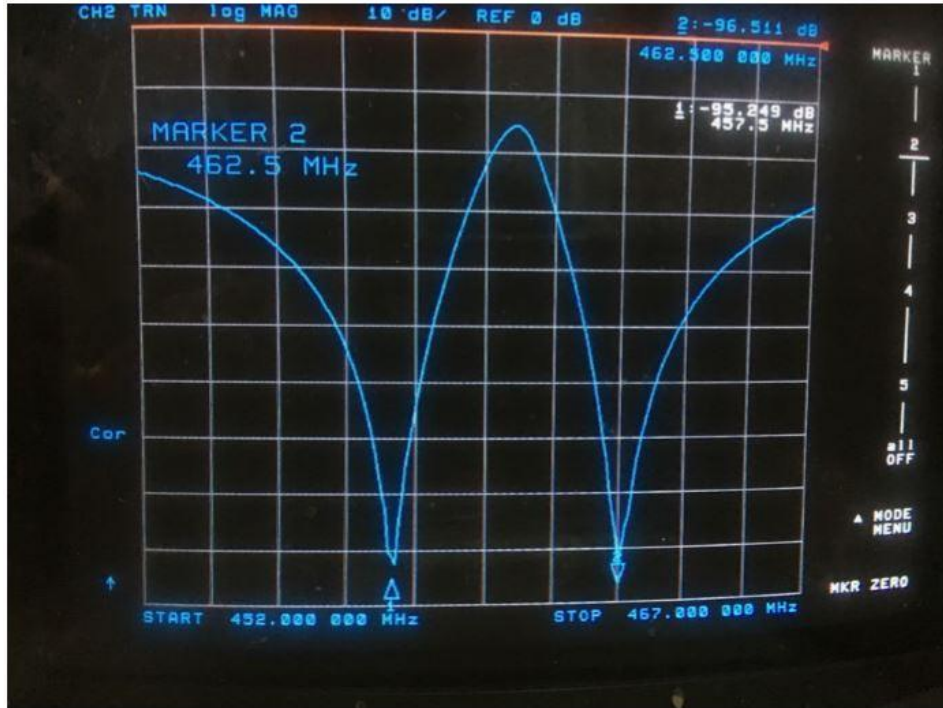
Repeater Duplexer Specifications

Serial	Parameters	
1	Frequency Range	457.5MHz~462.5MHz (centered on 460 MHz)
2	Bandwidth	≤200 KHz (NA)
3	Frequency Spacing	5
4	Insertion Loss	≤1.2dB
5	Isolation	≥80dB
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	225x 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)

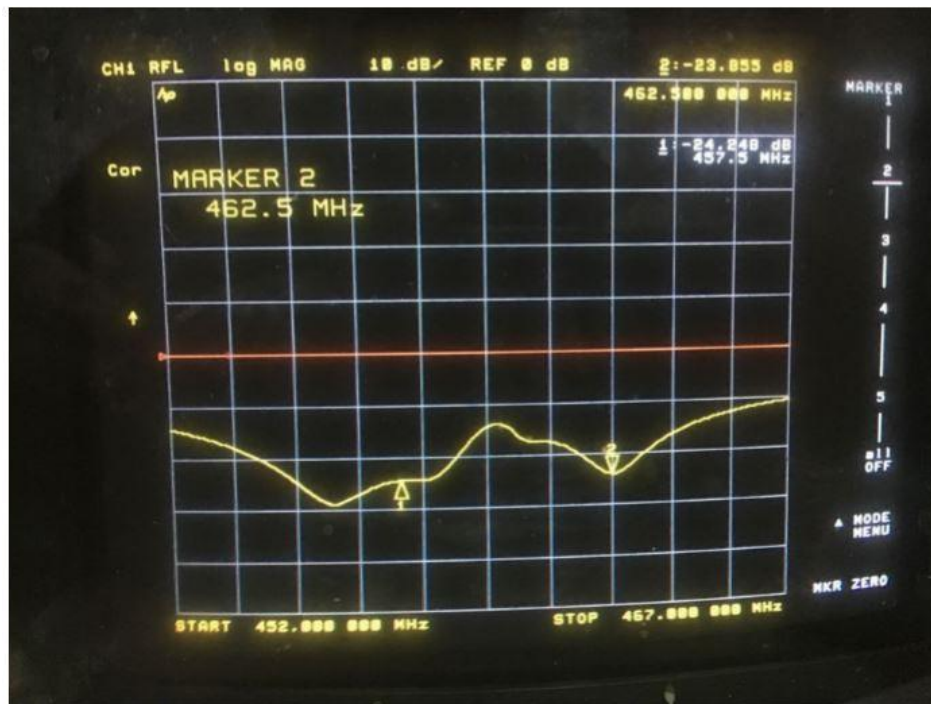




Performance



457.500MHz Isolation: -92.508, 462.500MHz Isolation: -97.428



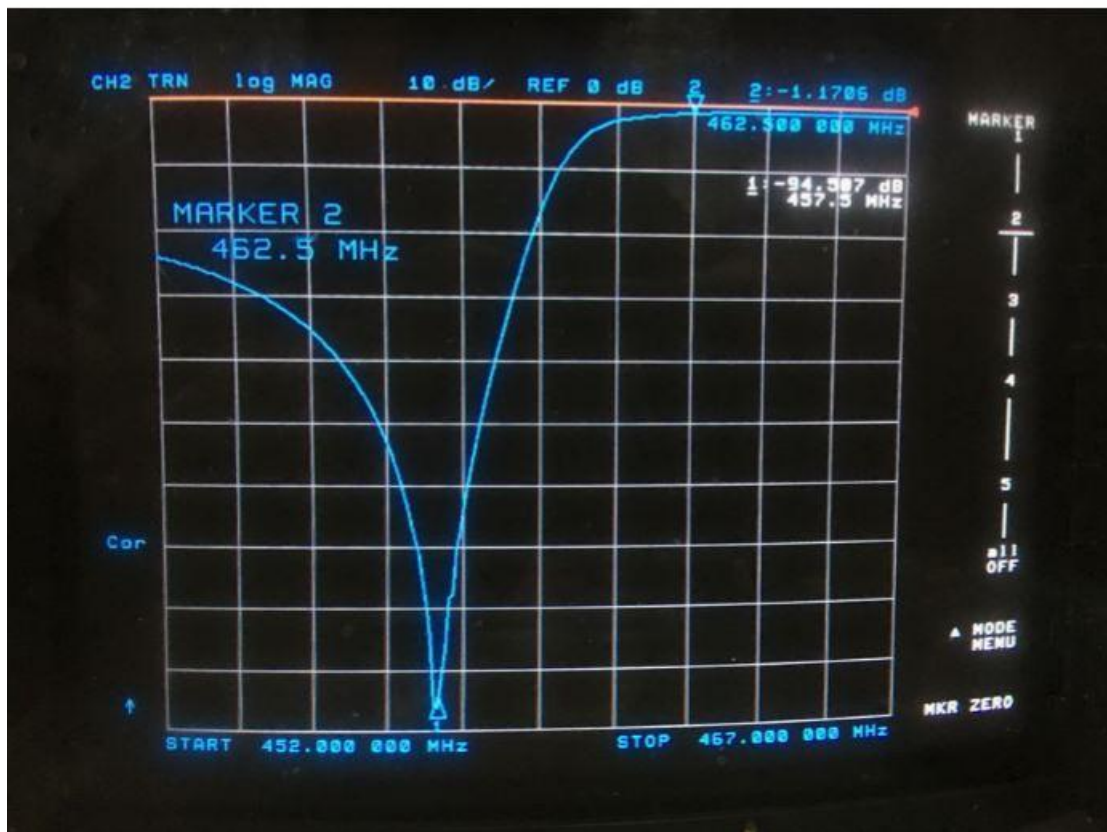
457.500MHz Return Loss: 24.24, 462.500MHz Return Loss: 23.85



457.500MHz VSWR: 1.131, 462.500MHz VSWR: 1.137



457.500MHz Insertion Loss:1.177



462.500MHz Insertion Loss:1.170