

### 3. General information

Manufacture : Icom Inc.  
 Model Name : MR-1010RII  
 Serial No. : 0000205  
 Assignable Frequency : 9300MHz - 9500MHz  
 Center Frequency : 9410MHz  
 Type of Emission : P0N  
 Peak Output Power : 4kW  
 Pulse Characteristics :

Range	Antenna Rotation	Short Pulse			Long Pulse						
		PRF	Pulse Width	Guard Band	PRF	Pulse Width	Guard Band				
0.125nm	36rpm	2160Hz	80ns	18.75MHz	2160Hz	80ns	18.75MHz				
0.25nm											
0.5nm		1440Hz			250ns			6.00MHz	1440Hz	350ns	4.29MHz
0.75nm											
1nm	24rpm	720Hz	900ns	1.67MHz	720Hz	900ns	1.67MHz				
1.5nm											
2nm											
3nm		720Hz	900ns	1.67MHz	720Hz	900ns	1.67MHz				
4nm											
6nm		720Hz	900ns	1.67MHz	720Hz	900ns	1.67MHz				
8nm											
12nm		720Hz	900ns	1.67MHz	720Hz	900ns	1.67MHz				
16nm											
24nm		720Hz	900ns	1.67MHz	720Hz	900ns	1.67MHz				
32nm											
36nm		720Hz	900ns	1.67MHz	720Hz	900ns	1.67MHz				

Intermediate Frequency : 60MHz  
 IF Band width : 10MHz / 3MHz  
 Manufacturer of Antenna : Icom Inc.  
 Type of Antenna : Slotted Waveguide Array  
 Length of Antenna : 600mm  
 Horizontal Beam Width : 4°  
 Vertical Beam Width : 22°  
 Gain of Antenna : 25dBi Typical  
 Power Supply : DC 12 / 24V

This report was prepared by ICOM INCORPORATED

Test performed by K. Miyoshi

**Versions of Software or Firmware**

