



**RADIO MANUFACTURERS ASSOCIATION  
ENGINEERING DEPARTMENT**

RMA TYPES

Release No. 452

November 10, 1945

sponsored by:  
Sperry Gyroscope Co., Inc.

2K41  
2K42  
2K43  
2K44  
2K39

Type Designation	2K41	2K42	2K43	2K44	2K39
Reservation No.	5159	5160	5161	5162	5133

Maximum Ratings

Acceleration voltage	Volts d-c	1250	1250	1250	1250	1250
Beam current	Ma	60	60	60	60	60
Beam power input	Watts	75	75	75	75	75
Control electrode voltage	Volts d-c	$\pm 50$ to -200	$\pm 30$ to -200	$\pm 30$ to -200	$\pm 30$ to -200	$\pm 30$ to -200
Control electrode current	Ma	25	15	15	15	15
Reflector voltage (Referred to cathode)	Volts	-750	-750	-750	-750	-750
Reflector current, normally zero	Ma	2	2	2	2	2
Mechanical tuning range	Mc	2660 to 3310	3300 to 4200	4200 to 5700	5700 to 7500	7500 to 10300
Electronic tuning range (Depends on mode)	Mc	10	15	20	30	40
Temperature stability (-10°C to +40°C)	Mc	6	5	5	5	5
R.F. Power Output minimum over band, into best load	Milliwatts	250	250	250	250	250

Tube dimensions.

See outline drawings.

