

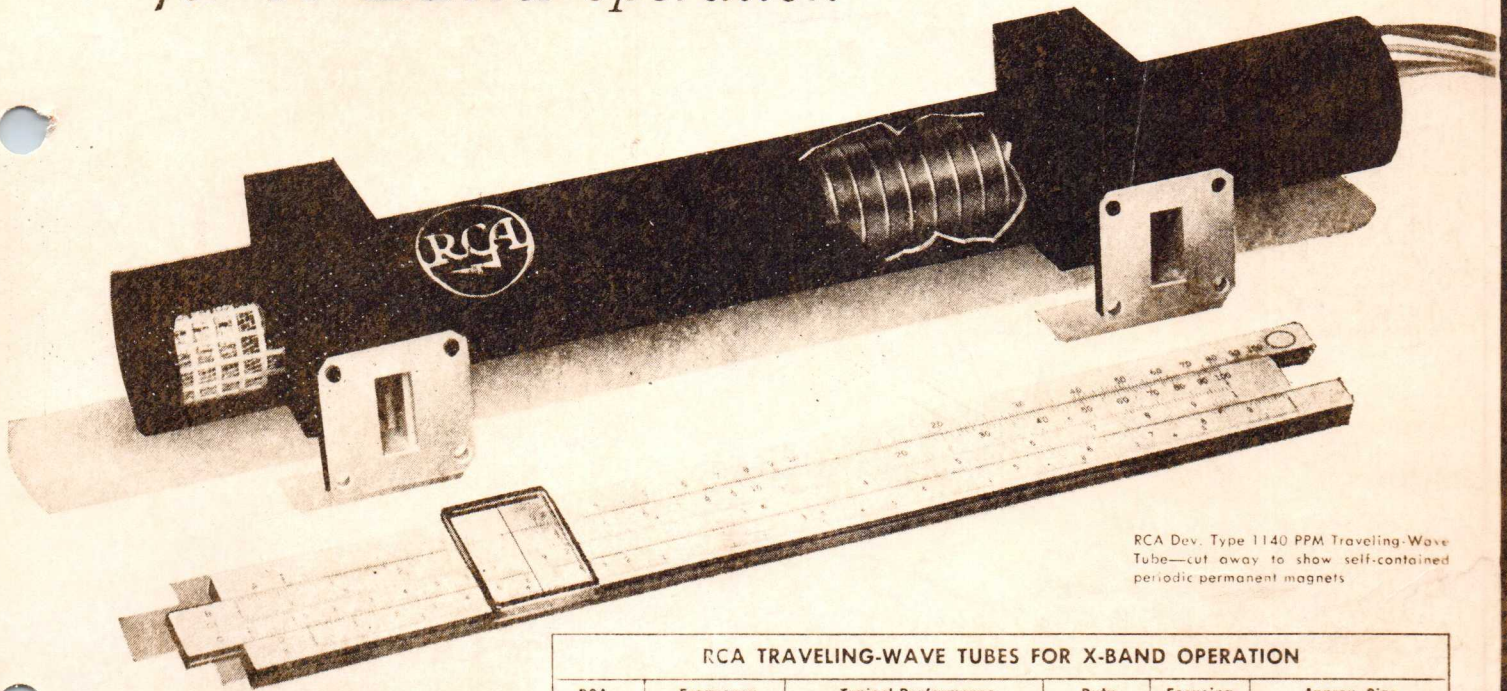
McInnes TPD

Another RCA
Contribution to
Microwave
Electronics

*Economies in equipment size, weight, and
power consumption begin with...*

RCA PPM TRAVELING-WAVE TUBES

for X-Band operation



RCA Dev. Type 1140 PPM Traveling-Wave Tube—cut away to show self-contained periodic permanent magnets

RCA TRAVELING-WAVE TUBES FOR X-BAND OPERATION

RCA Type No.	Frequency (MC)	Typical Performance		Duty Factor	Focusing Method	Approx. Size	
		Power Output	Low-level Gain (db)			Weight (lb.)	Length (in.)
A-1140	8000-12000	10 mw	40	CW	PPM	5½	14
A-1133	8000-12000	1 w	35	CW	PPM	6	15
A-1181	7500-11200	50 peak watts	35	0.05	PPM	6	14

RCA Microwave-Tube Engineers invite inquiries for customized versions

RCA's continuing program to provide designers with a comprehensive and reliable line of traveling-wave tubes is exemplified by three new PPM focused X-band TWT's.

Focusing by means of Periodic Permanent Magnets makes possible more compact and lighter equipment designs. Waveguide couplings significantly reduce power loss, improve performance and efficiency in

this complementary family of developmental X-band traveling-wave tubes for ECM, drone target systems, and radar applications. And all three tubes are designed for high-altitude airborne operation.

For traveling-wave tubes in any application in the L, S, C, and X bands, call the RCA Field Office nearest you. Your RCA Field Rep-

resentative will be happy to give you detailed information on RCA commercial and developmental types—or customized versions—for your specific system needs.

GOVERNMENT SALES

HARRISON, N. J.
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RADIO CORPORATION OF AMERICA

Electron Tube Division

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