



F.C.C. POWER RATINGS* OF RCA TRANSMITTING TUBES

"The maximum rated carrier power of a standard broadcast transmitter shall be determined as the sum of the applicable power ratings of the vacuum tubes employed in the last radio stage. The approved power ratings of vacuum tubes for operation in the last radio stages of broadcast transmitters are fixed as set out in the following tables:"

TABLE A

*High-Level Modulation
or Plate Modulation in the
Last Radio Stage*

Power Rating (watts)	Tube Type
50	808
75	203-A
	211
	838
	850
125	860
	4-125A/
	4021
	803
250	805
	810
	204-A
	806
350	861
	849
500	833-A
750	851
1000	846
5000	207
	891
	892
	892-R
10000	858
	893A-R
25000	9C22
	5671
40000	862-A
	898-A

TABLE B

*Low-Level Modulation
or Last Radio Stage Operating
as Linear Power Amplifier*

Power Rating (watts)	Tube Type
25	203-A
50	803
	806
	810
75	204-A
125	833-A
	849
250	851
500	846
2500	207
	892
	892-R
5000	858
10000	893A-R
25000	862-A
	898-A

TABLE D

*Grid Modulation
in the Last Radio Stage
(Operating Efficiency 35%)*

Power Rating (watts)	Tube Type
2500	892

* From Federal Communications Commission's "Standards of Good Engineering Practice Concerning Standard Broadcast Stations (550-1600 kc)," Section 8, Revision of Oct. 30, 1947 and Supplement of Sept., 1949. Ratings apply only for tubes used in the last radio stage of standard broadcast transmitters and may not be applicable to any other service.

← Indicates a change.

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