

**Power Output, DC Voltages and Currents
FCC Parts 2.1033 and 87.131**

Temp. = 25 deg C
 Vin =13.75 Vdc
 Modulation = 0%

Driver Stage Q302

Freq. MHZ	RF Out Watts	Vds Volts	R305 drop	V	Ids Amp.	DC Pin Watts	Efficiency %
118	2.7	11.57	0.475		0.475	5.49	49
127.5	2.9	11.66	0.407		0.407	4.75	61
136.975	2.7	11.6	0.456		0.456	5.29	51

PA Stage Q303

Freq. MHZ	RF Out Watts	Vds Volts	R311 drop	V	Ids Amp.	DC Pin Watts	Efficiency %
118	11	13.07	0.0935		1.86	24.3	45
127.5	12	13.11	0.0842		1.68	22	54.8
136.975	9.2	13.22	0.059		1.18	15.6	58.9

Note: The power amplifier efficiency includes the antenna switch and the output low pass filter insertion loss.