

**W6PQL 2m PA Testing**

Feb. 26, 2019

<b>K3 DRIVE</b>	<b>XVTR Po</b>	<b>PA DRIVE</b>	<b>BIRD</b>	<b>PA OUT</b>	<b>CURRENT*</b>	<b>VOLTAGE*</b>
mw	W	W	W		A	Vdc
0.00					2.0	51.0
0.10	6.0	1.5	750	945	29.0	48.2
0.18	8.0	2.0	850	1071	32.0	48.2
0.30	11.0	2.8	900	1134	34.0	47.6
0.44	14.0	3.5	1000	1259	36.0	47.2
0.62	16.0	4.0	1100	1385	37.0	47.2
0.78	17.5	4.4	1100	1385	38.0	47.2
0.78**	22.5	5.6	1200	1511	40.0	47.2

6-dB atten used on input to transverter

\*\* 3-dB aten used on input to transverter; input Saturated

Bird43 Power Meter, 25C and 2500B elements

\*Fluke 17B multimeter

\*Panel meters

Load is 500w Sierra Microwave