

1000W TRANSMITTER

Channel 13

Harmonics and Spurs

<u>IMD</u>	POWER	
	<u>High</u>	<u>Low</u>
-920	-54 dbc	-60 dbc
+920	-55	-57
-2.66	-63	-70
+2.66	-63	-67
-3.58	-67	-67
+5.42	-70	<-70
+7.16	-67	-70

<u>SPURS</u>	POWER	
	<u>High</u>	<u>Low</u>
-4.5	-70 dbc	<-70 dbc
+9	-78	-78
Others	-62	-62

<u>HARMONICS</u>	POWER	
	<u>High</u>	<u>Low</u>
2	-78 dbc	-80 dbc
3	-80	-80
4	-80	-80
5	-80	-80
6	-80	-80
7	-80	-80
8	-80	-80
9	-80	-80
10	-80	-80

PA CURRENTS AND VOLTAGE AT HIGH AND LOW POWER

1000 W Channel 13

Pallet1		Pallet 2		Total
Device 1	Device 2	Device 1	Device 2	
PA 1 6.2A power)	7.44A	6.76A	6.90A	59.5 Amps @30 V (Hi
PA 2 7.3	8.57	7.64	8.28	
PA 1 3.98 power)	4.36	3.90	4.36	35.0 Amps @30 V (Lo
PA 2 3.99	4.89	4.68	4.92	