

October 15, 2006

Performance Measurements on Dishtronix DX2400L1 HF Amplifier.

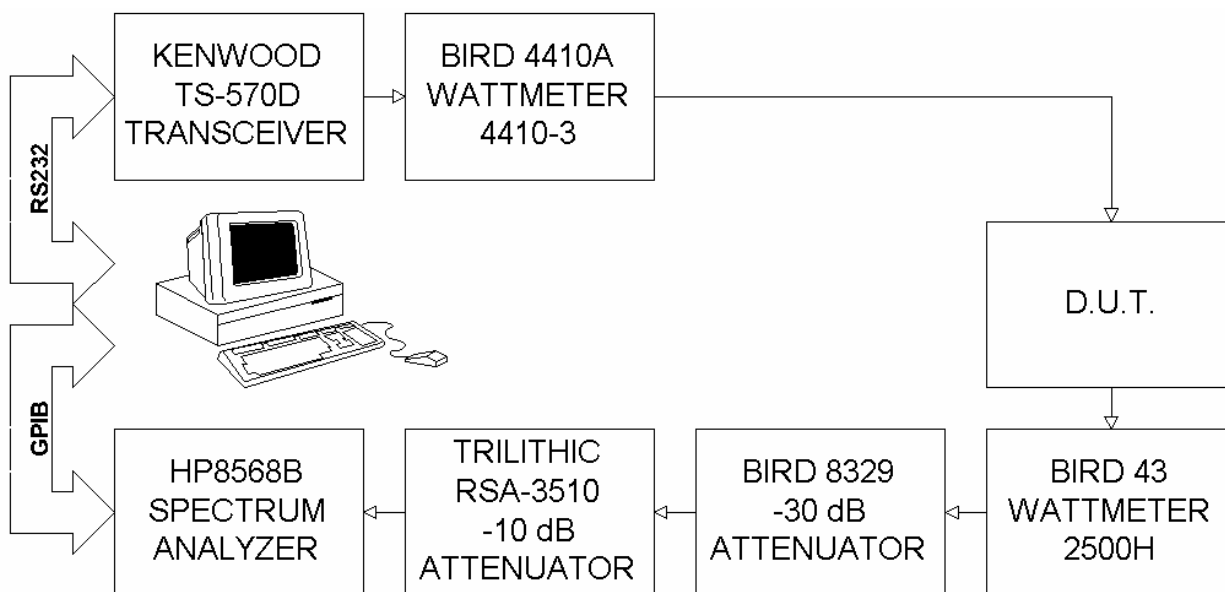


Figure 1 Test Setup

Po=1500W (+57.8 dBm) Vcc=72V

Figure 2. Test Data Summary

Freq	Pin (W)	Po (W)	Ic (A)	f2 dB	f3 dB
1.8	50	1500	42.8	-58	-65
3.9	53	1500	46	-58	-63
7.3	55	1500	49.7	-58	-63
10.1	52	1450	51	-47	-48
14.1	50	1500	41.8	-65	-60
18.3	59	1500	45	-51	-62
21.3	58	1500	43	-52	-50
24.9	50	1500	43	-51	-64
28.5	50	1500	46.5	-62	-54

Figure 3. 160m Spectral Output

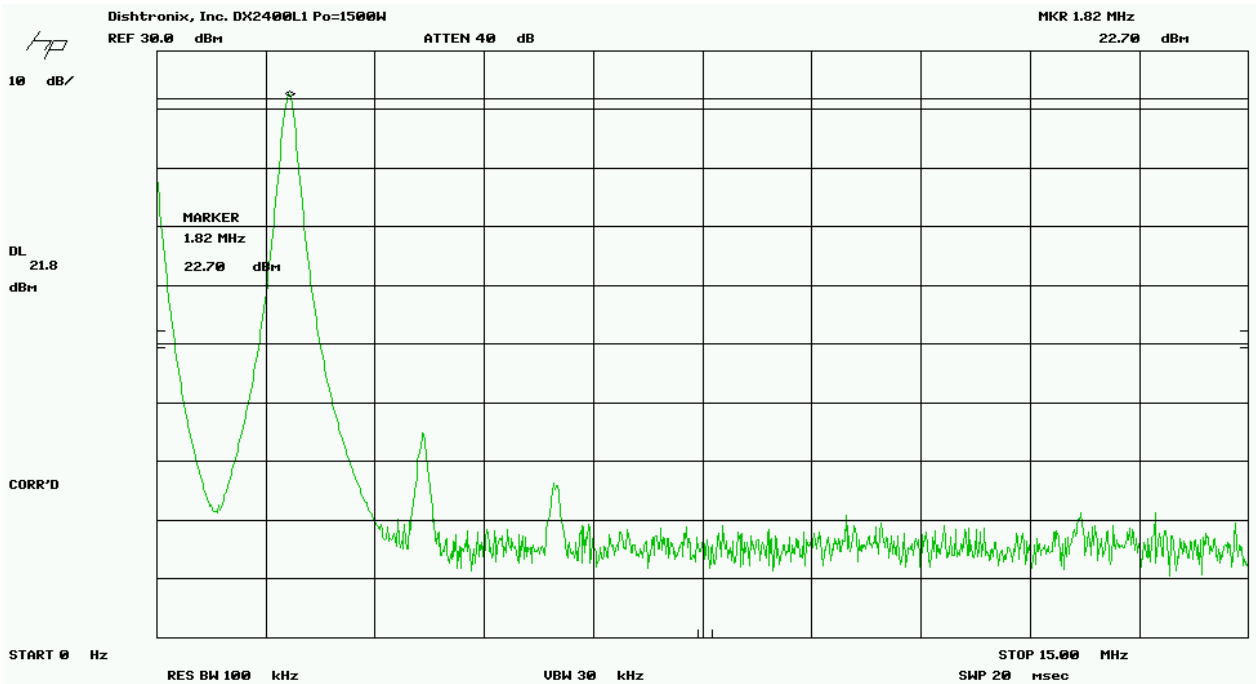


Figure 4. 80m Spectral Output.

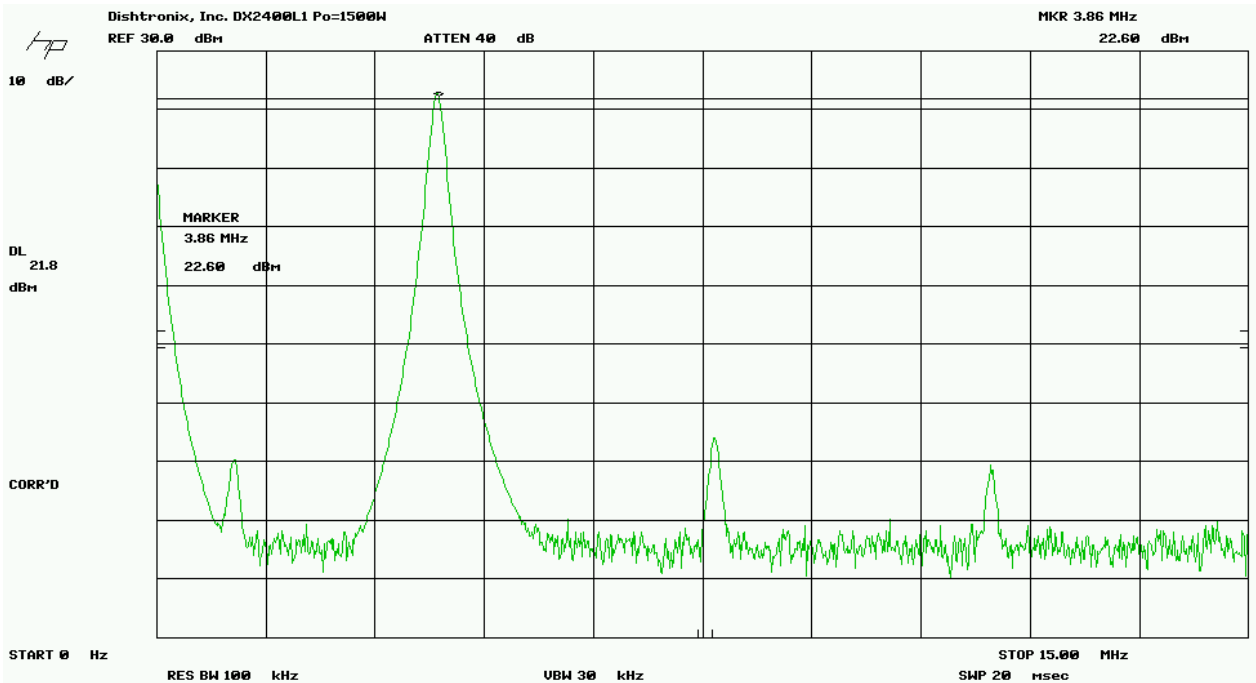


Figure 5. 40m Spectral Output.

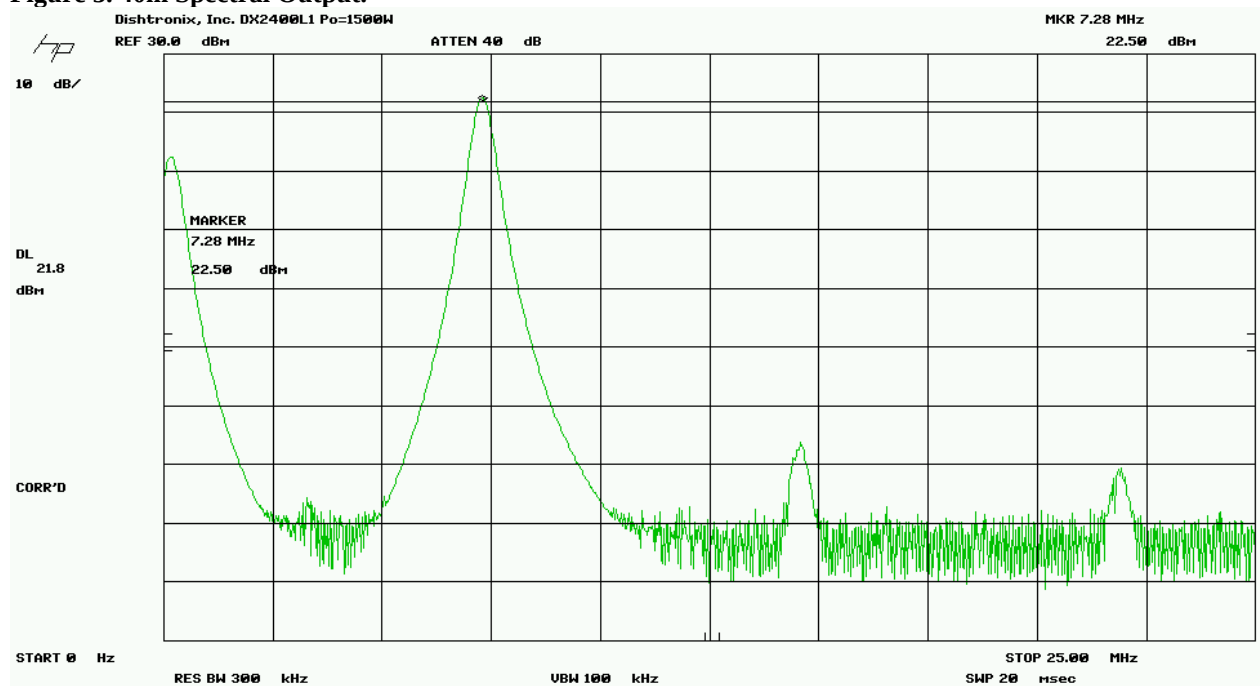


Figure 6. 30m Spectral Output.

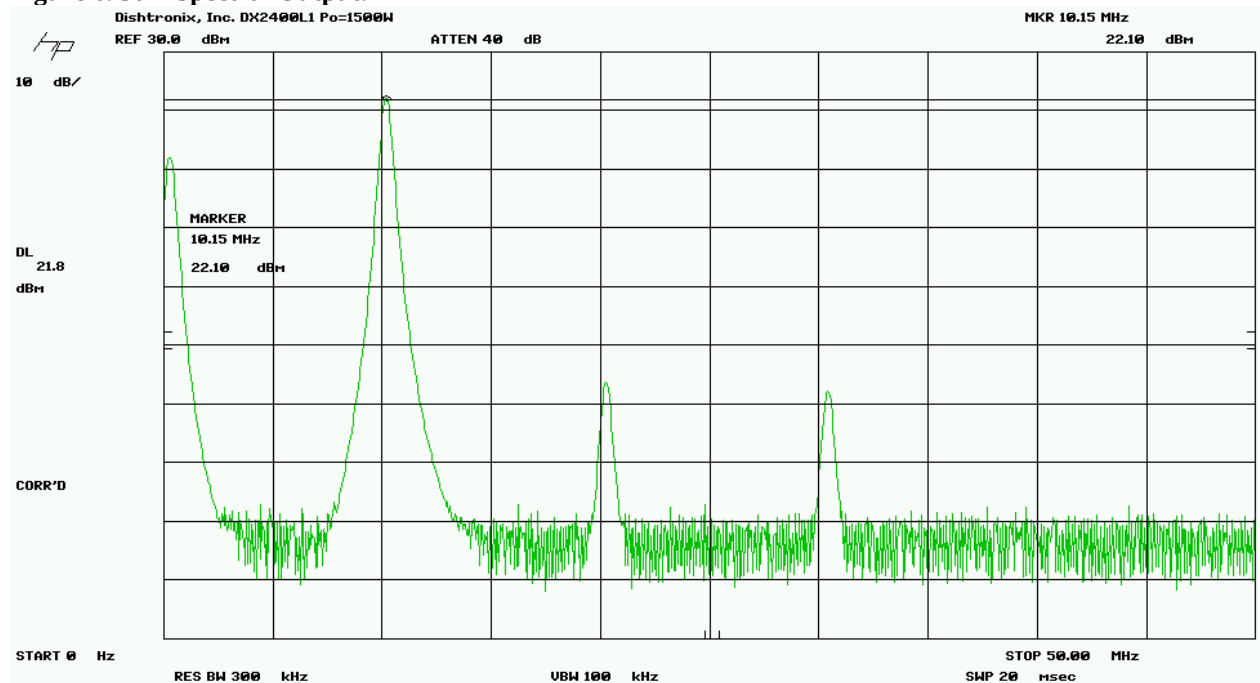


Figure 7. 20m Spectral Output.

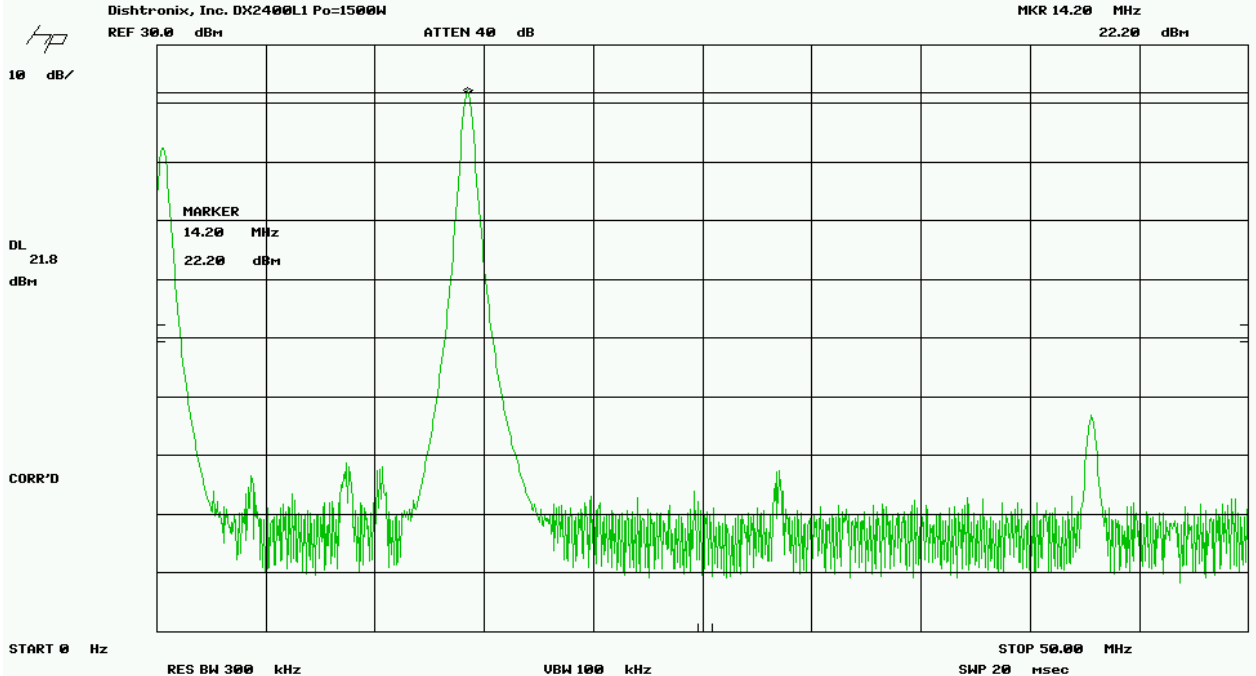


Figure 8. 17m Spectral Output.

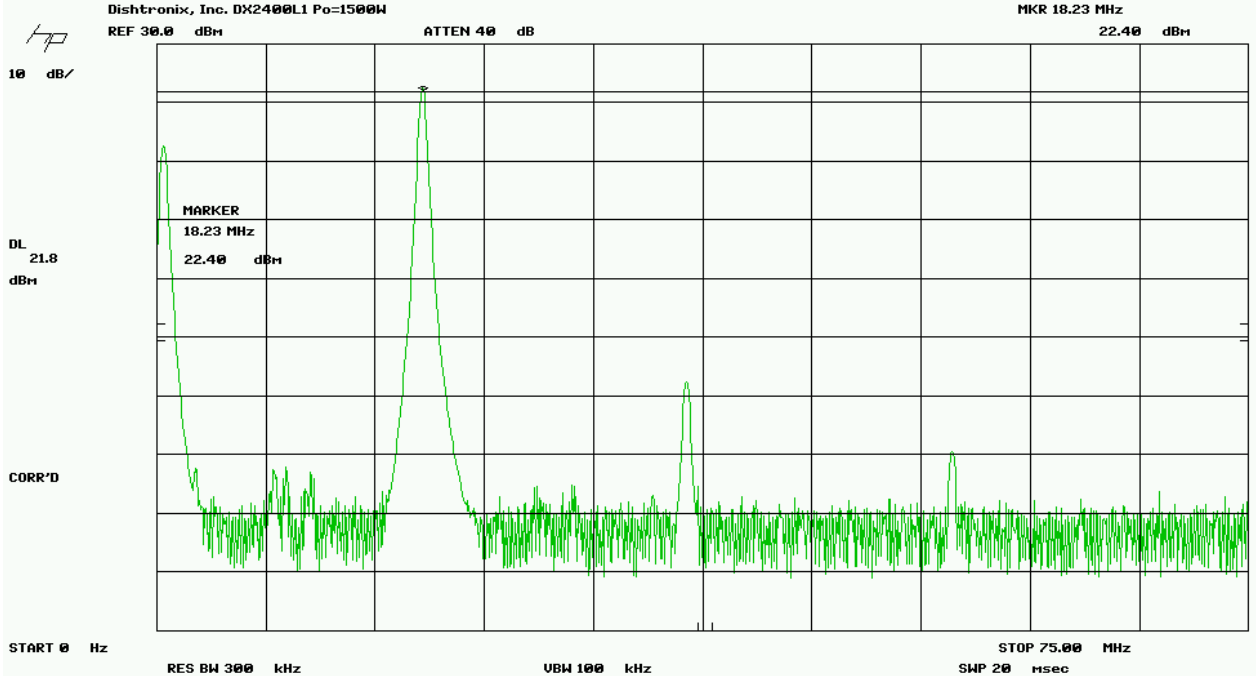


Figure 9. 15m Spectral Output.

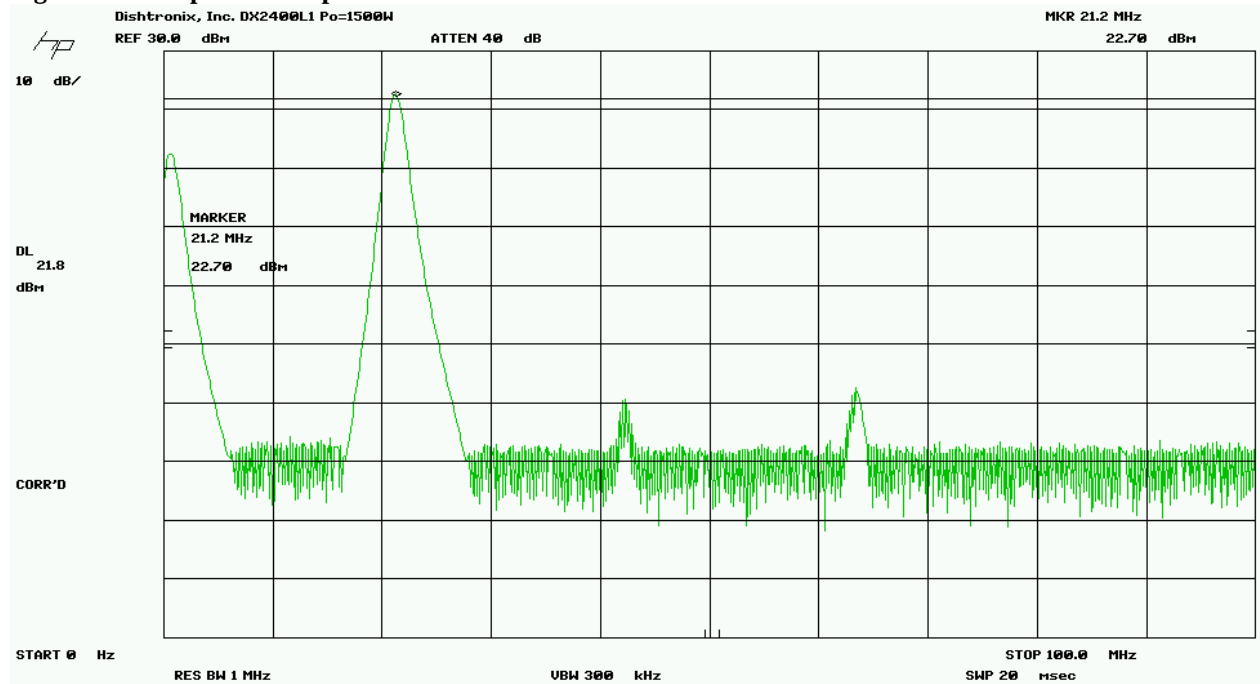


Figure 10. 12m Spectral Output.

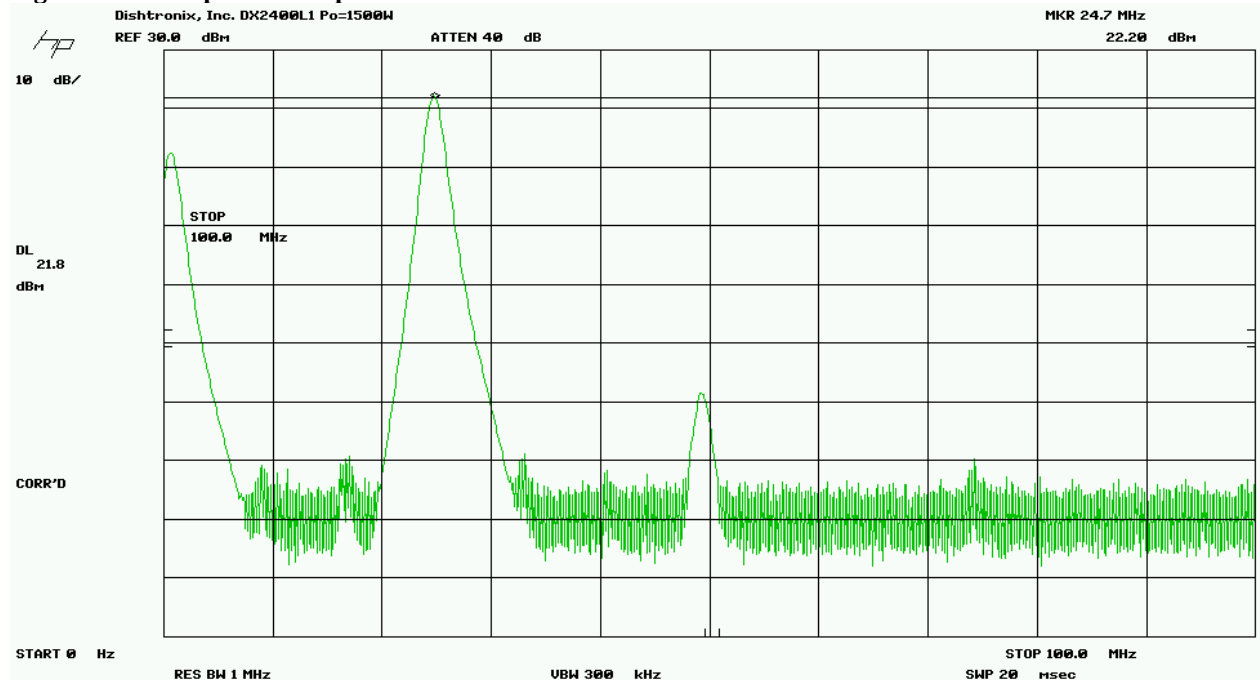


Figure 11. 10m Spectral Output.

