

(d) (continued)

123.1525	10.0	2.0
123.155	1.6	.0512
123.1575	.70	.0098
123.16	.65	.00845
123.1625	.30	.0018
123.165	.35	.00245
123.1675	.15	.00045

All other sidebands were substantially less than 0.1 volt, or less than .0002 watts, which is 47 dB below the carrier. No sidebands exceeded $43 + 10\log(\text{mean output power})$ beyond 250% of authorized bandwidth, or 62.5 KHz from carrier, where the mean output power is 14.4629 watts, the sum of the values in the third column above. Thus the limitations of part 87.71 are met.

(e) computation of occupied bandwidth:

<u>band</u>	<u>IN-band power</u>	<u>out-of-band pwr.</u>	<u>%out-of-band</u>
±2.5 KHz	14.30 w.	.1629 w.	1.12
±5.0 KHz	14.416	.0469	0.32
±7.5 KHz	14.43425	.02865	0.20
±10.0 KHz	14.45395	.00895	0.06

By definition, the occupied bandwidth is ±5 KHz. The authorized bandwidth per part 87.67 is 25 KHz for type 6A3 emission.