

[21] Appl. No.: 480,718

[22] Filed: Jun. 7, 1995

[51] Int. Cl.⁶ H04B 1/02

[52] U.S. Cl. 455/103; 455/45; 370/339;
370/343

[58] Field of Search 455/103, 104,
455/17, 46, 59, 60, 61, 62, 49.1, 45; 375/260;
370/69.1, 70, 38, 40, 121; 340/825.44

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U.S. PATENT DOCUMENTS

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[57] ABSTRACT

A method of multicarrier modulation using co-located transmitters to achieve higher transmission capacity for mobile paging and two-way digital communication in a manner consistent with FCC emission mask limits. Co-location of the transmitters obviates the need for stringent, symmetrical subchannel interference protection and provides for a wider range of operating parameters, including peak frequency deviation, bit rate, and carrier frequencies, to obtain optimal transmission performance.

5 Claims, 11 Drawing Sheets

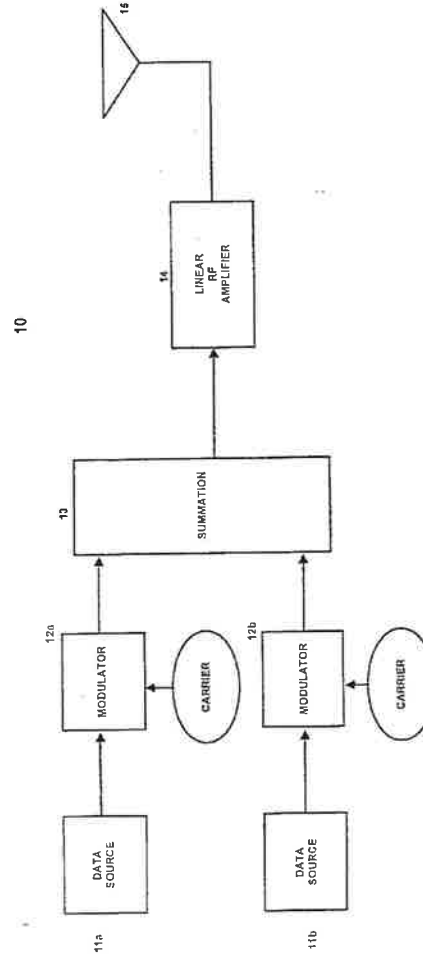


EXHIBIT 2
 WIT: Kesan
 DATE: 9-4-15
 Micheal A. Johnson, CSR, CRF

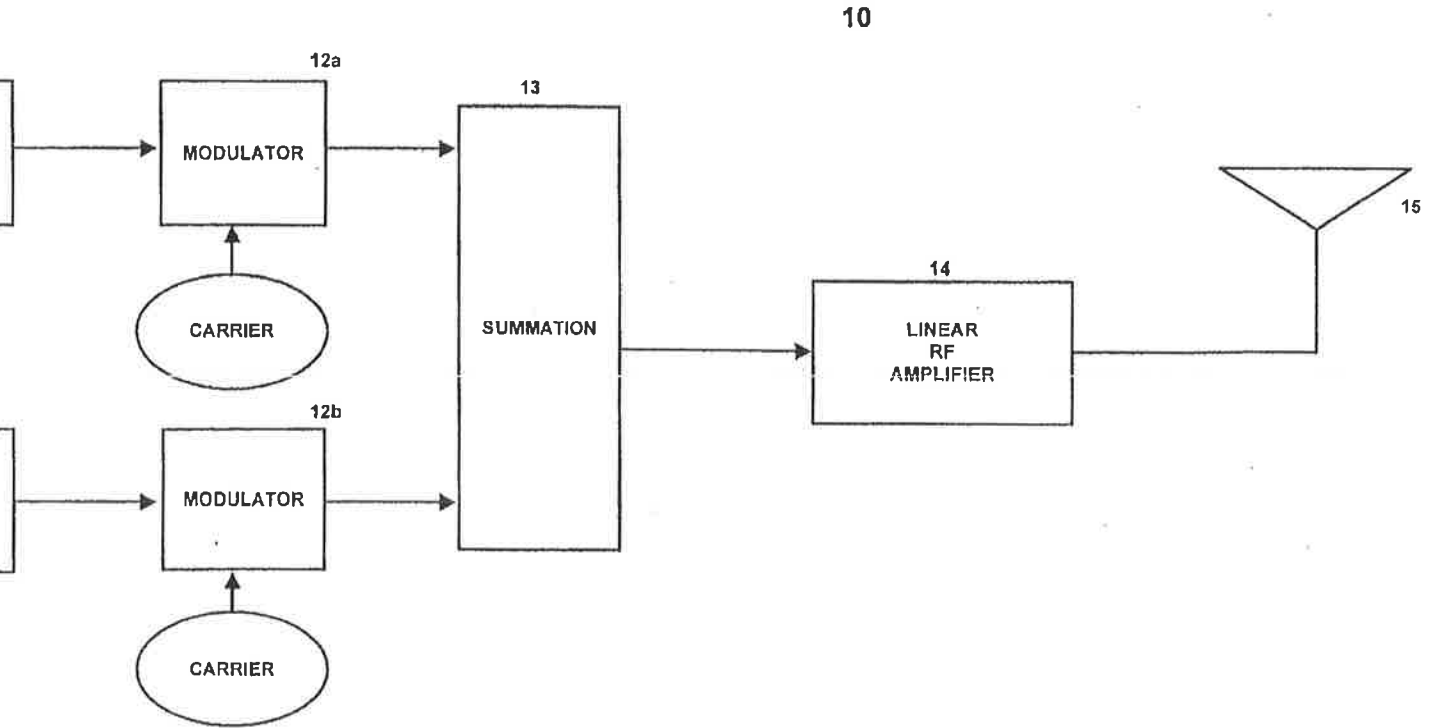


FIGURE 1

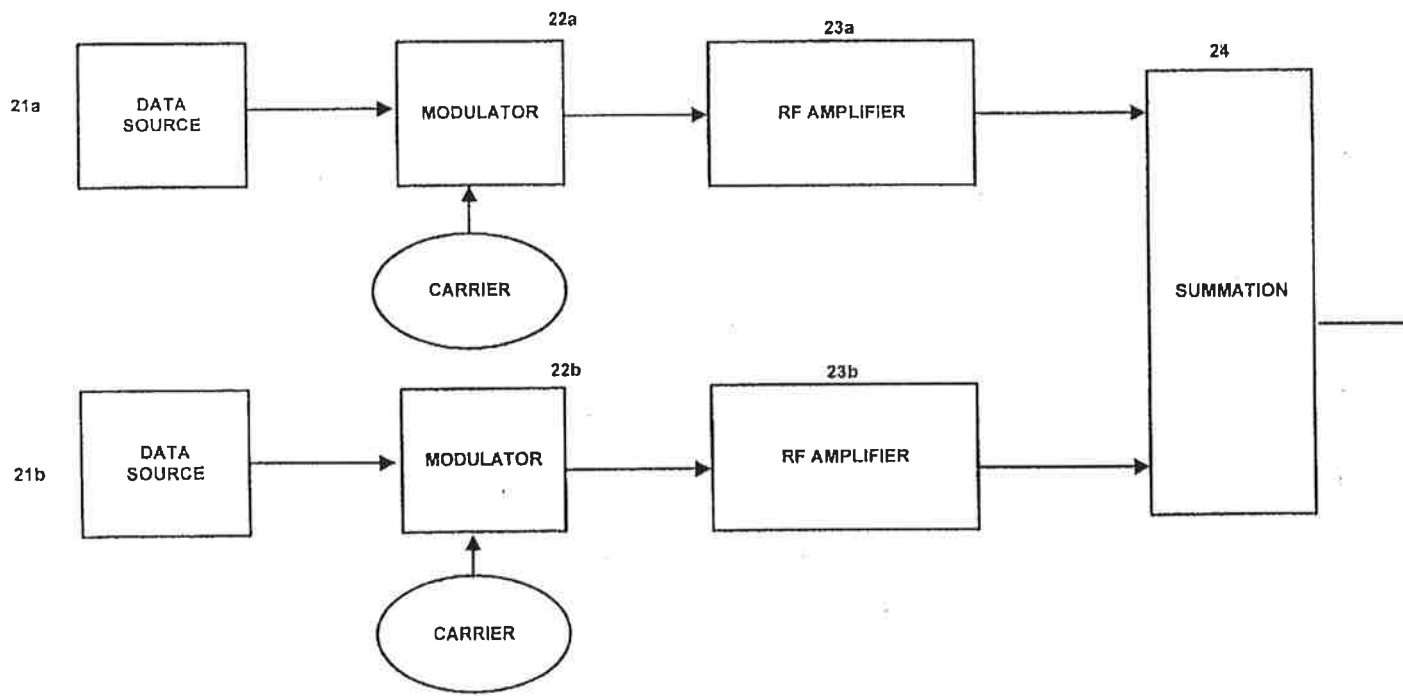


FIGURE 2

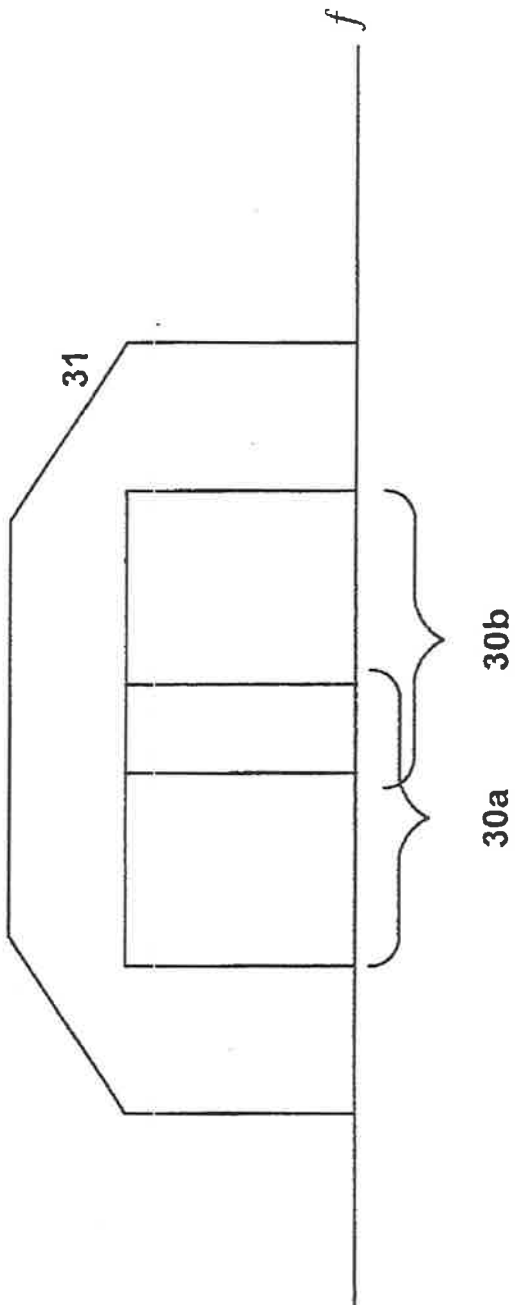


FIGURE 3A

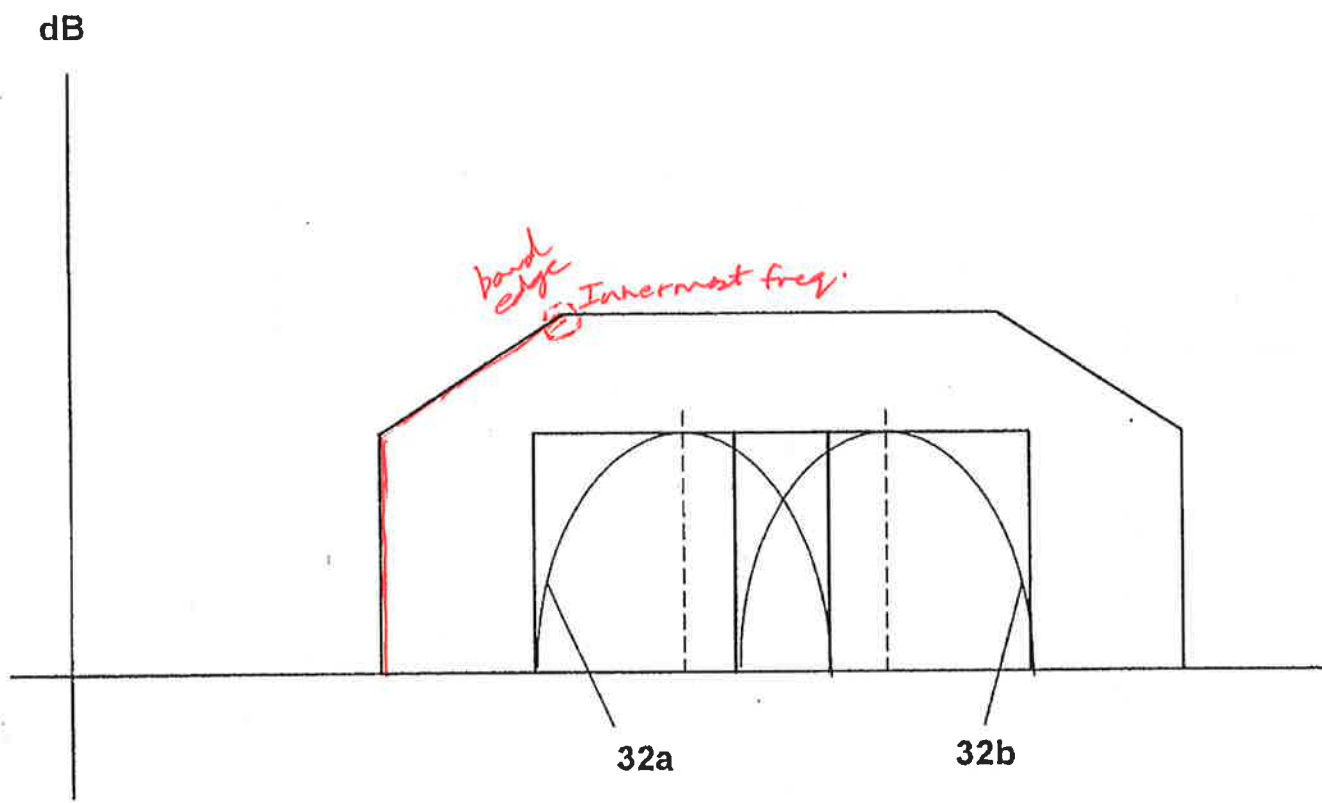


FIGURE 3B

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