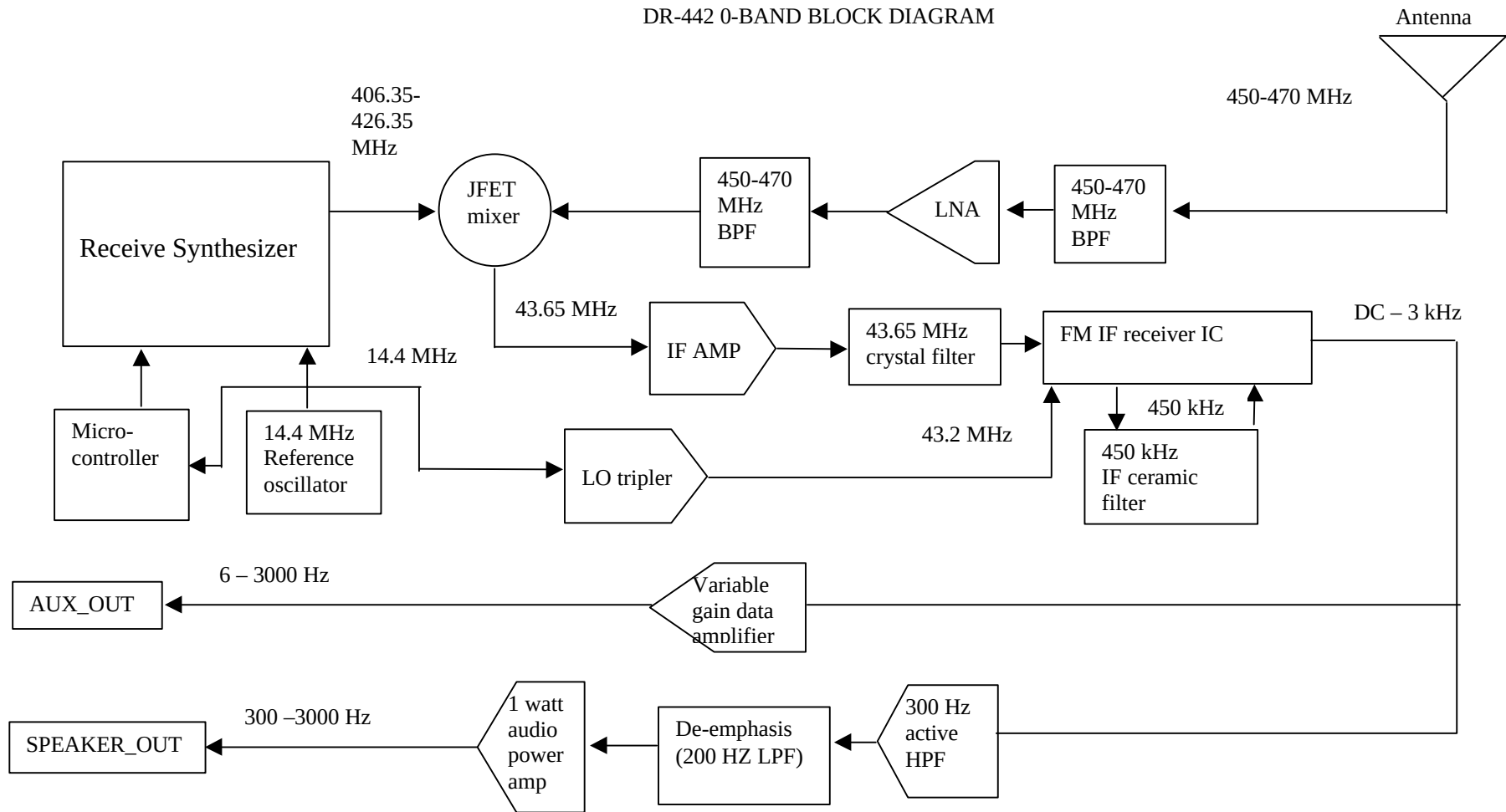


|                         |                                                           |
|-------------------------|-----------------------------------------------------------|
| <b>TYPE OF EXHIBIT:</b> | FUNCTIONAL BLOCK DIAGRAM                                  |
| <b>FCC PART:</b>        | 2.1031 (5)                                                |
| <b>MANUFACTURER:</b>    | RITRON, INC.<br>505 West Carmel Drive<br>Carmel, IN 46032 |
| <b>MODEL:</b>           | DR-442                                                    |
| <b>TYPE OF UNIT:</b>    | UHF-FM Receiver Module                                    |
| <b>FCC ID:</b>          | AIERIT17-442R                                             |
| <b>DATE:</b>            | May 10, 2005                                              |

The following block diagrams demonstrate the functional layout of the G and O band splits of the DR-442.

DR-442 0-BAND BLOCK DIAGRAM



DR-442 G-BAND BLOCK DIAGRAM

