

Equipment Authorisation Division
Federal Communications
Commission
7435 Oakland Mills Road
Columbia, MD 21046

September, 30th 2019

FCC ID: 2ATWB-F867C-LP

Product Name: ECOS-D RBS4000C U1025DA1C14W2E100S1V2G2-111

Subject: Part 90.203(j)(5) Spectrum Efficiency

"Applications for part 90 certification of transmitters designed to operate on frequencies in the 150.8-162.0125 MHz, 173.2-173.4 MHz, and/or 421-512 MHz bands, received on or after January 1, 2011, must include a certification that the equipment meets a spectrum efficiency standard of one voice channel per 6.25 kHz of channel bandwidth. Additionally, if the equipment is capable of transmitting data, has transmitter output power greater than 500 mW, and has a channel bandwidth of more than 6.25 kHz, the equipment must be capable of supporting a minimum data rate of 4800 bits per second per 6.25 kHz of channel bandwidth."

The applicant will notify the end users in the US that the ECOS-D RBS4000C U1025DA1C14W2E100S1V2G2-111 equipment has the following specification:
at 12.5 kHz channel bandwidth, data rate is 9600 bits per second

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