

From: Mark C Russell [mrussell@blue.aero]
Sent: Friday, March 26, 2004 2:24 PM
To: John Kennedy
Cc: 'Ryan, Ken'
Subject: Blue Origin FTA, four(4) frequencies, FCC File # 0165-EX-ST-2004

Importance: High

March 24, 2004

Subject: Blue Origin STA Request

FCC File # 0165-EX-ST-2004 [Reference Number: 2932]

Dear Mr. Kennedy,

Please find the following answers to your questions:

1. Which frequency(ies) will be used in the 406-450 MHz range as the carrier frequency(ies)?

Blue Origin would like to have to option to operate four channels at 421 MHz, 425 MHz, 428 MHz, and 435.2 MHz

We are truly flexible on the other frequencies (with 200 KHz steps) specifically within the 421-439 MHz band, we do however request 425Mhz as one of the four frequencies.

Our intention is to give the FCC flexibility in selecting suitable, non-interfering frequencies within the 406-450 MHz band for our temporary use.

Please amend the application, requesting those four frequencies: 421 MHz, 425 MHz, 428 MHz, and 435.2 MHz

2. Why is the emission designator NON specified with a 50 kHz necessary bandwidth?

Please change the bandwidth request to NON.

3. Why were the emission designator symbols F3E chosen to represent modulated tones only?

Please change this emission designator to F3D. The emission is an FM modulated analog signal consisting of telecommand tones. The bandwidth is 60 kHz.

Thanks,

Mark C. Russell

Blue Origin LLC

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