

To: Commission Reviewer
From: Richard King
Certification Department Coordinator
Elite Electronic Engineering

RE: FCC ID: BFM2101
Applicant: Golden Eagle.
Corr. Ref. #:
731 Confirm. #:
Date:

In reference to a request for certification from Golden Eagle Wireless RF HandFree EarPhone Model GEMC2001. Elite performed a certification of the above referenced product manufactured by Golden Eagle. Deficiencies were discovered during the certification process. The noted deficiencies were addressed in correspondence between the appropriate test facilities and Elite Electronic Engineering. The correspondence is indicated below.

Questions from Elite dated November 14, 2000.

1. An inconsistency was noted in the users' manual as to the number of channels the device will use. The user's manual states that it features a "minimum 16 channels and 65000 address codes to avoid interference with other users" while certification is being requested for a single channel. Please explain.
2. The report for the base unit did not indicate if all ports of the device were filled. Does the base unit connect to other devices? If so, does the test configuration represent the worst case?
3. Exhibit B schematic is not very clear the values cannot be read. Please re-submit the schematic for both the headset and the base unit.
4. Exhibit E measurement report did not have a photograph of the radiated emissions test setup for the headset or the base unit. Please submit the radiated emissions test setup for both devices.

Response to Elite's questions dated November 14, 2000.

- 1, 3, 4. Yes there are 15 other channels for a total of 16 channels. New schematic, users manual and photo for the headset are attached.
2. Yes.

Questions from Elite dated December 1, 2000.

1. The device does not comply with 47 CFR Part 15.205. The device transmits in a restricted band.

Response to Elite's questions dated December 1, 2000.

In reference to your letter dated December 1, 2000, regarding the Golden Eagle Model GEMC2001 Comtalk: We have contacted Golden Eagle and they would like to go ahead with certification on only the first five channel sets, which are not in restricted bands. We are currently awaiting new test samples set at high & low frequency, to cover the range of operation. However, we are concerned that they may not arrive

before the 30-day hold period. We respectfully request that you keep the application on hold through the first week of January 2001, so we may submit the necessary data for certification. Thank you in advance for your assistance.

Mr. King,

Enclosed you will find the high and low frequency, radiated emissions data files for the Golden Eagle application which is currently on hold (FCC IDs:BFV2100 & BFV 2101). The system will utilize only the following frequency pairs so as not to transmit in restricted bands:

	Base Tx Freq. (MHz)	Head-Piece Tx Freq. (MHz)
1.	397.6	447.2
2.	397.9	447.5
3.	398.2	447.8
4.	398.5	448.1
5.	398.8	448.4

Questions from Elite dated December 1, 2000.

1. Pursuant to FCC Part 15 Subpart C, Spurious Case Radiated Emissions, Paragraph 15.209(c), harmonic emissions must not be greater than the fundamental emissions. Please justify the data presented on data sheet 1 of 1 that shows the harmonic emissions at 1341.6MHz to be greater than the emissions at 447.2MHz.

Response to Elite's questions dated December 1, 2000.

Rick,
As per our conversation, I am re-sending the data. If you should have any questions, please feel free to contact us.

Michelle
Retlif Testing Laboratories

Questions from Elite dated February 6, 2001.

1.Regarding the response received, to the question "Pursuant to FCC Part 15 Subpart C, Spurious Case Radiated Emissions, Paragraph 15.209(c), harmonic emissions must not be greater than the fundamental emissions." Please indicate what modifications were made to produce the results indicated on the new data sheet.

Response to Elite's questions dated February 6, 2001.

1. There was no modification done to the circuit. The harmonic emissions were reduced by electroplating a metallic surface on the inside of the plastic cabinet which improved shielding effect.

Comments:

Richard E. King
Certification Department Coordinator
Elite Electronic Engineering