



M. Flom Associates, Inc. - Global Compliance Center

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Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Rd.
Columbia, MD. 21046

February 1, 2000

Attention: Mr. Frank Coperich
Applicant: Tecom Japan Co. Ltd.
Equipment: SR-20A-02
FCC ID: OQBSR20A-02
EA95768

Frank,

The equipment in question utilizes a very simple audio band heterodyne technique whereby the audio input signal from the microphone is mixed with one of four possible tones from 3200 to 3600 Hz. The resultant filtered signal is inverted in the audio frequency domain, and then fed to the modulator. This technique does not alter the maximum modulation envelope; consequently the necessary bandwidth remains consistent.

We request the Commission's input on the appropriate emission designator. It remains an FM system broadcasting a single channel of analog information. We would like to suggest the designator FXE or F3X, but would be happy with anything the Commission suggests.

Sincerely,

William H. Graff
Director of Engineering

SPECTRUM ANALYZER PRESENTATION

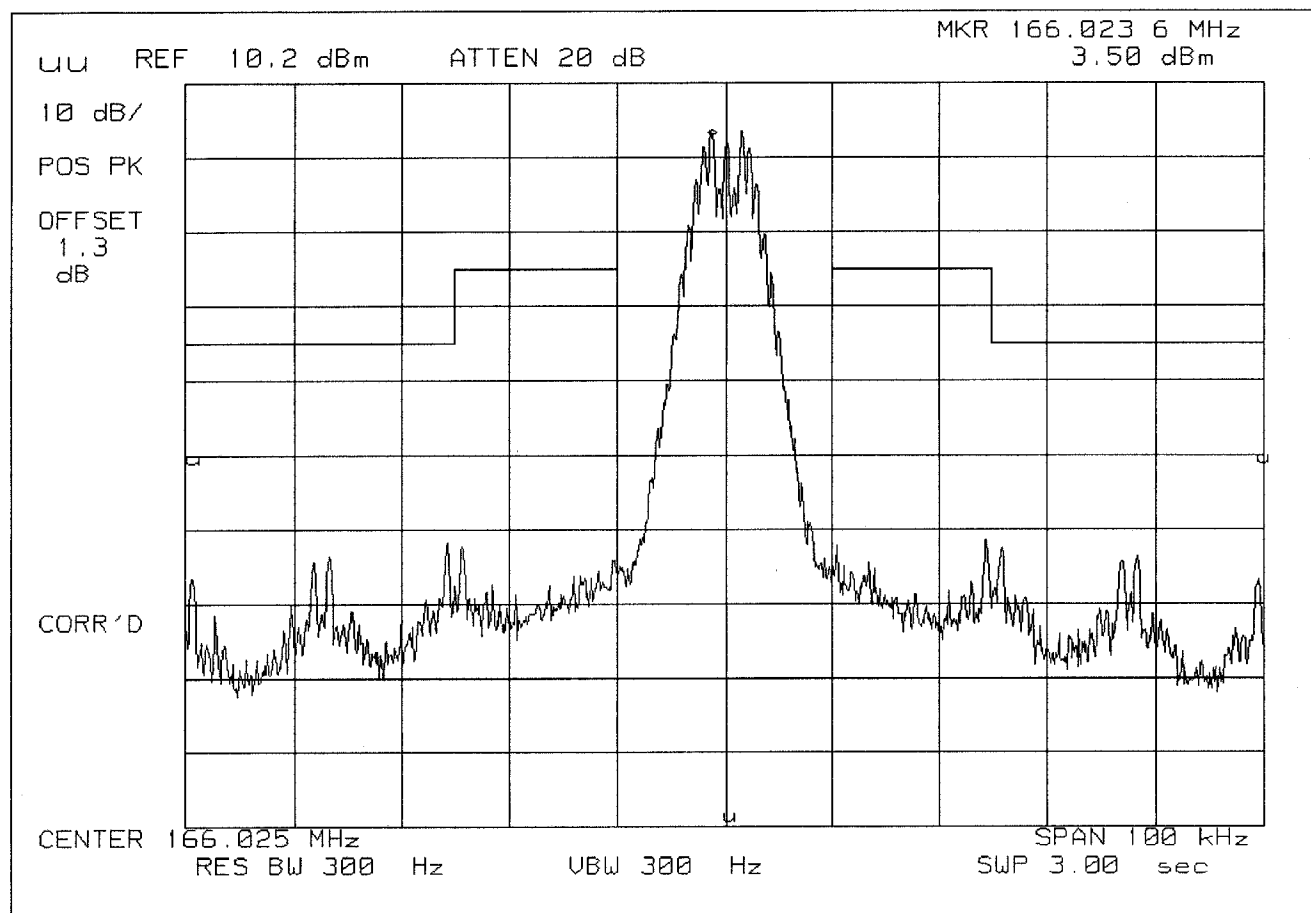
TEMCO, SR20A-02

2000-FEB-01, 12:33, TUE

POWER: LOW

MODULATION: SCRAMBLING MODE

REMARK: AUDIO INPUT 2500 HZ RESULTANT 700 HZ



SPECTRUM ANALYZER PRESENTATION

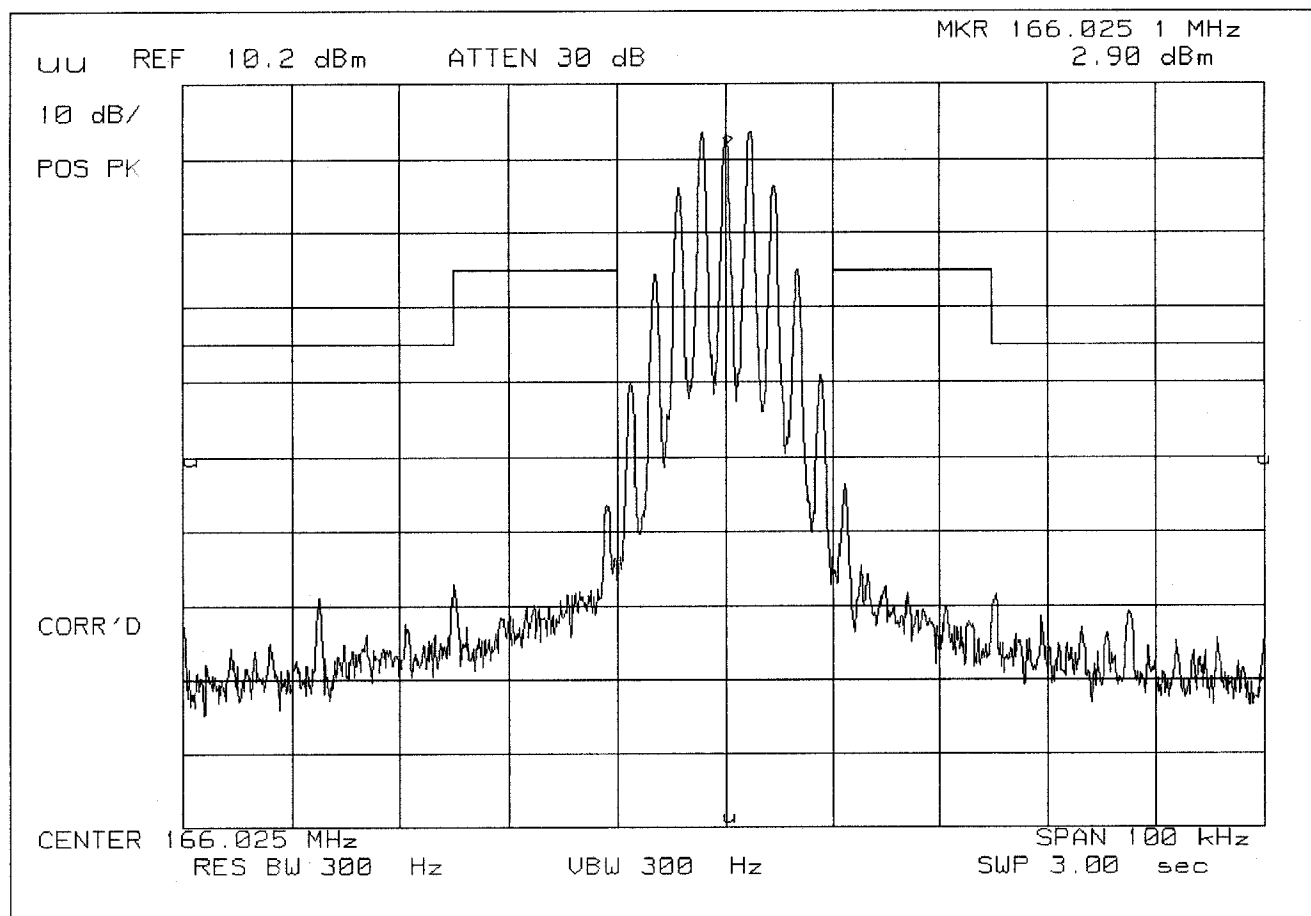
TEMCO, SR20A-02

2000-FEB-01, 12:36, TUE

POWER: LOW

MODULATION: SCRAMBLING MODE

REMARK: AUDIO INPUT 1000 HZ / RESULTANT 2200 HZ



SPECTRUM ANALYZER PRESENTATION

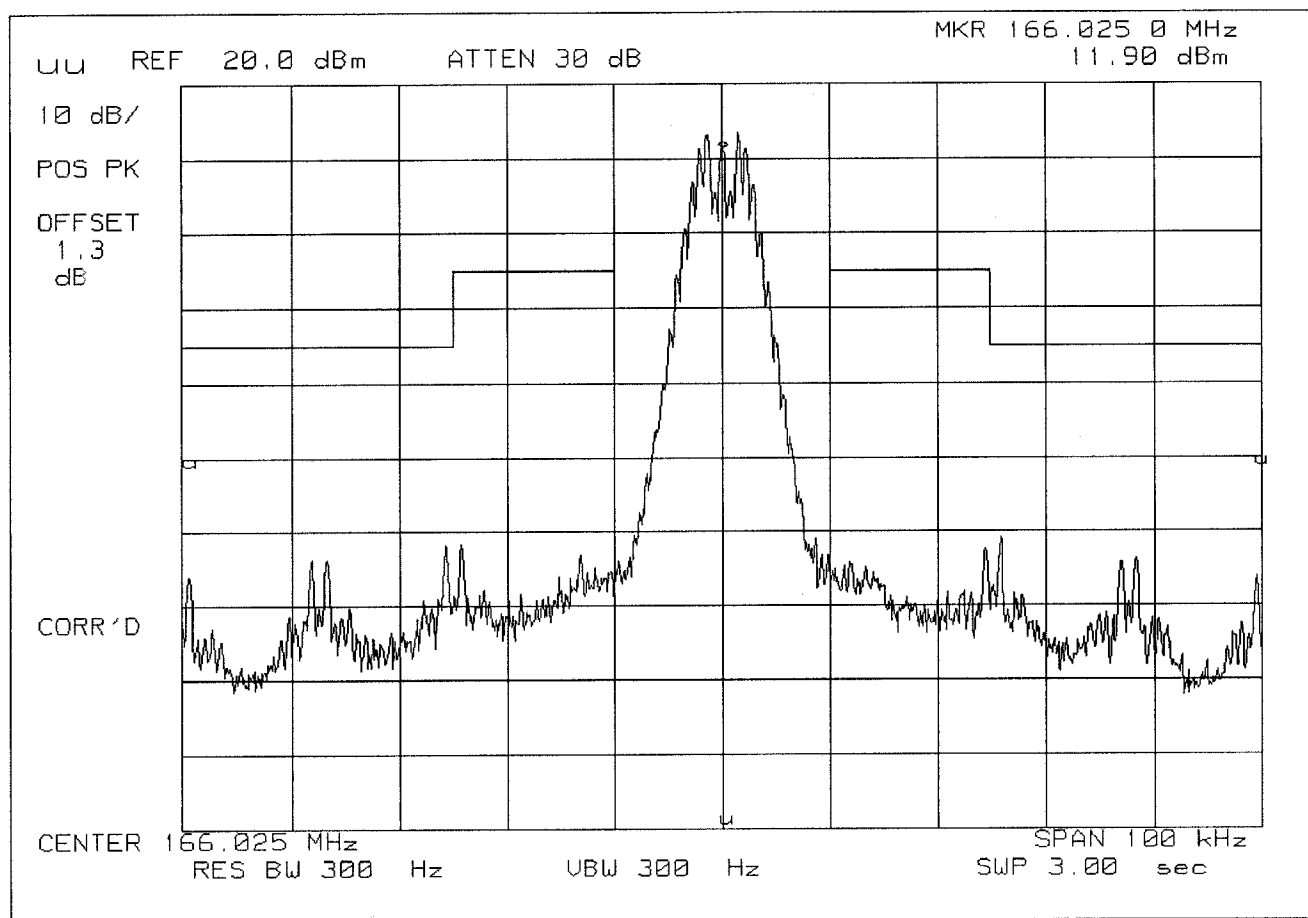
TEMCO, SR20A-02

2000-FEB-01, 12:25, TUE

POWER: HIGH

MODULATION: SCRAMBLING MODE

REMARK: AUDIO INPUT 2500 HZ / RESULTANT 700 HZ



SPECTRUM ANALYZER PRESENTATION

TEMCO, SR20A-02

2000-FEB-01, 12:21, TUE

POWER: HIGH

MODULATION: SCRAMBLING MODE

REMARK: AUDIO INPUT 1000 HZ / RESULTANT 2200 HZ

