

From: Ivan Wong ITS/ES-HKG
Sent: Thursday, June 21, 2001 10:51 PM
To: Roland Gubisch ITS/ES-Box
Cc: Robert F. Martin ITS/ES-Box
Subject: RE: FCC ID: NYX-91300

Dear Roland,

Thank you for your comments, I would like to explain your question as belows:

- 1) The "Pop off" antenna is using on the receive unit only as show in the installation graph on the user manual. And the transmitter is using a internal wire antenna (the ruder black wire under the Surface Mount PCB) as show in the iphoto1.jpg.
- 2) There should be totally 5 internal photo (iphoto1.jpg-iphoto5.jpg), and the iphoto5.jpg shows the copper side (solder side) of the "C"-shape PCB. Maybe I missed sending to you, attached please find the file for your reference.
- 3) Yes, attached please find the bandwidth with 100kHz span, it show the span is less than 200kHz.

Best regard,

Ivan Wong

-----Original Message-----

From: Roland Gubisch ITS/ES-Box
Sent: Friday, June 22, 2001 1:25 AM
To: Lee Wing Yan ITS/ES-HKG
Cc: Robert F. Martin ITS/ES-Box
Subject: RE: FCC ID: NYX-91300

Dear Yan:

Thank you for this application for a Part 15 transmitter in the FM broadcast band. Administrative review is complete, and the following are noted:

- 1) The user manual refers to a "pop off" antenna. The Operational description refers to an "internal wire antenna." Please explain this difference. Part 15 transmitters of this type must have a permanently-attached antenna.
- 2) The internal photos show only the component side of a "C"-shaped printed circuit board (iphoto1.jpg, iphoto4.jpg). Please provide a photo of the solder side of this circuit board.
- 3) The bandwidth plot confirms that the fundamental emission is wholly within the frequency range of 88-108 MHz, as required under 15.239(a). However, the plot does not demonstrate that the emission bandwidth is 200 kHz or less. Please provide another bandwidth plot with a much narrower span, perhaps 500 kHz, to demonstrate that the emission bandwidth is 200 kHz or less.

Regards,
Roland

-----Original Message-----

From: Lee Wing Yan ITS/ES-HKG
Sent: Thursday, June 21, 2001 6:07 AM
To: Roland Gubisch ITS/ES-Box
Subject: FCC ID: NYX-91300

Dear Roland,

Attached please find 5 files of application for FCC ID: NYX-91300.

1. Test report
2. Operation description
3. Radiated Emission Photo 1
4. Radiated Emission Photo 2
5. Bandwidth Plot

Thanks & regards,

Yan