

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 follows:

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 iphotol.jpg.

2) There should be totally 5 internal photo (iphotol.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 (iphotol.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