

**EXHIBIT 1
FCC FORM 442
ITEM 4a**

The AN/APG-66 radar operates on 16 channels spaced 13 MHz apart:

9700	9753	9807	9860
9713	9767	9820	9873
9727	9780	9833	9887
9740	9793	9847	9900 (MHz)

The transmitter pulsewidth varies from 0.286 to 8.0 microseconds.

The transmitter pulse repetition frequency varies from 140 to 17565 Hz.

The APX-76 interrogator operates on 1030 MHz in standard modes (A & C) using a 0.8 microsecond pulse and a maximum PRF of 450 Hz.

EXHIBIT 2
FCC FORM 442
ITEM 4g

The necessary bandwidth for the radar was calculated using the formulas contained in Annex J 3.1.1.a. of the NTIA manual

AN/APG-66

$t = 0.286 \mu\text{S}$ $t_r = 0.15 \mu\text{S}$

$1.79 / \int(t_r t)$

8.64 MHz

or

$6.36 / t$

22.2 MHz

whichever is less

**EXHIBIT 3
FCC FORM 442
ITEM 8**

**The Northrop Grumman Electronic Sensors and
Systems Division is under contract #ARG-1 with the Air
Force of Argentina to provide ARG-1 radars. Transmission
is essential for development and to assure proper operation
of production units. Testing will require successful tracking
of live targets.**

X/E