

SECRET

SECRET

APD-OSA
11
TCO-OSA
OFL
RD

25X1

DATE 2204Z 07 65

TO : DIRNSA, OPCEN, AFRSIO OAFOS, SAFSP, SSD

FROM : SFO SAN FRANCISCO

SUBJ:

NRO Review Completed as Redacted.

ROUTINE

TIME: 1237Z 07 MAY 65

DM

SECRET [] INFO THIS IS A BYECON MESSAGE HANDLE FOR

25X1

BYEMAN CONTROL CHANNELS ONLY SFW [] PROJ

25X1

FOR BCO'S:

25X1

SAFSS FOR [] SAFSP FOR [] DIRNSA FOR []

25X1

SSD FOR [] OPCEN FOR SCHEID.

25X1

REF: SFN [] P

[] INTERCEPT - []

25X1

DUE TO A GEOMETRICAL ERROR IN THE INTERPRETATION OF THE ANTENNA PATTERN MEASUREMENTS, THE ANTENNA INFO GIVEN IN PARAGRAPH B OF REF MSG. IS INCORRECT. THE CORRECT VALUES FOR THE RELATIVE ANTENNA GAIN OVER THE ANGLE SUBTENDED DURING THE INTERCEPT ARE AS FOLLOWS:

25X1

VERT. POL. HOR. POL. CIR. POL.

START OF INTERCEPT

[]

25X1

MIDDLE

END

BECAUSE OF THE GAIN VARIATIONS FOR ALL POLARIZATIONS, IT CAN

SECRET

SECRET

25X1

25X1

SAN FRANCISCO SFN [] (IN 85951) S E C R E T []

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25X1

NO LONGER BE CONCLUDED THAT THE RECEIVED SIGNAL WAS VERTICALLY
 POLARIZED. CORRECTING THE MEASURED SIGNAL LEVEL OF [] FOR
 THE ANTENNA GAIN RESULTS IN THE SIGNAL LEVEL AT THE VEHICLE
 FALLING WITHIN THE RANGE [] DEPENDING ON POL=
 ARIZATION AND INTERCEPT ANGLE. USING [] FREE SPACE ATTEN=
 UATION RESULTS IN AN EMITTER ERP RANGE OF PLUS [] TO
 PLUS [] , GP-1

25X1

25X1

25X1

25X1

25X1

END OF MESSAGE

S E C R E T []

25X1