

Jim
MDS .42 1337.
19820603-04-LAND-RADAR

MDS

NTRL Test Equip

ENTER OPTION DESIRED

1 = CALCULATE PERFORMANCE/MDS VALUES

2 = ENTER NEW HARDWARE CONSTANTS

1
MEASURED FORWARD POWER AT J1505 IN MW? .97

MEASURED REVERSE POWER AT J1504 IN MW? .19

MEASURED FORWARD POWER = 0.97 MW 97 mW

MEASURED REVERSE POWER = 0.19 MW 19 mW

AVERAGE FORWARD POWER = 212.2 WATTS 205.6 WATTS

PEAK POWER = 323.5 KWATTS 313.5 Kwatts

USNR = 1.18 : 1 1.17 : 1

POWER CORRECTION = -1.03 DB - 1.17

DVIP LEVEL 1 MDS = -87.0 DB - 87.2

DVIP LEVEL 2 MDS = -55.0 DB - 55.2

DVIP LEVEL 3 MDS = -44.0 DB - 44.2

DVIP LEVEL 4 MDS = -39.0 DB - 39.2

DVIP LEVEL 5 MDS = -34.0 DB - 34.2

DVIP LEVEL 6 MDS = -28.0 DB - 28.2

6-30-82 13:24:29

STOP
R

NWS Test
Equipment

#1

Hurricane Alberto 3-4 June 1982

2330 - RAD RADDS WITHIN 75 mi of AREA

2355 - SAND CORE INSIDE B.D.E. RAD RAD - SEEMS
TO BE MOVING NORTH - RAD MOVING
TOWARD D.W.0003 - SHARP COROS AT 280/120 mi - EXTENDING NW
OF RAD EDGE

0040 - STORM SHOWING LESS RADDING, MORE STRET

0100 - N. RAD WORKING, BREAKING UP

AREA NEAR KEY WEST STRENGTHENING

0120 - NORTHERN RAD JUST W. OF MIA

0120 - HT 480 172/104 STRENGTHENING

0140 - AREA S. OF K. WEST RECORDING LARGE SHOWING
SOME DDW-SEE LINES, STRONGEST REFLECT,
LARGEST IN OUTER RAD JUST S. OF MIA - NO
CLEAR CPE

0142-50 - GUST TO 42 KS RAD PASSED OVER MIA

0210 - AREA AROUND CFW SHOWING MORE RADDING

0230 - STRONG RAD S.W. OF FWD DDW-SEE

0253 - LEV. 6 CELL 162/85 - RAD IN LAST $\frac{1}{2}$ HR.

0316 - STILL LEV. 4 BLINKING ON CHAINS

0320 - LEV. 6 CELL 163/69 550

0415 - LEV. 5 CELL 160/40

0514 - GUSTS TO 50 ON LEADING EDGE OF LARGE

RAD WAVE BEEN TRACKING - BEARD AT 0517

0612 - STRONG CELL 2120/64

0820 - 152/62 450 - AT INTERSECTION OF 2 LINES *

0910 - STRONG RAIN WELL OFFSHORE TO EAST - LEV. 5'S

0940 - GOT WORD STORM DOWNWARD TO T.S. 15

1000 - RECORDING APPX 5 MIN - DO. OFFIS.