

8200042C07074200700**G46**+0NN166WFF00148":LEVEL 7 #15 14.81 14.81 14.81 14.81 14.81 14.81 14.81 14.81 14.81 14.81 14.81 14.81 :BATT

8200042C

8 hex digit DCP Address – Each platform is assigned a unique address by NESDIS.

07074200700

YYDDDHHMMSS – Time the message arrived at the Wallops receive station. The day is represented as a three-digit day of the year (Julian day).

G

1 character failure code (see below for explanation)

46

2 decimal digit signal strength (see below for explanation)

+0

2 decimal digit frequency offset (see below for explanation)

N

1 character modulation index (see below for explanation)

N

1 character data quality indicator (see below for explanation)

166

3 decimal digit GOES receive channel – from 001 through 266.

W

1 character GOES spacecraft indicator - 'E' or 'W'

FF

2 hex digit uplink carrier status (see below for explanation)

00148

5 decimal digit message data length – This indicates the number of message characters that will follow the header.

":LEVEL 7 #15 14.81 14.81 14.81 14.81 14.81 14.81 14.81 14.81 14.81 14.81 14.81 14.81 :BATTERY 7 #15 14.00 14.00
14.12 14.30 14.12 13.65 14.30 13.53 :BATTLOAD 0 13.53