

## << STARS II CW Format >>

First line JR5YDX : Mother or JR5YDY : Daughter (Amateur radio station call sign)

Second line M2\_\_AAA\_\_BBB\_\_CCC (Format is Hexadecimal)

(Mutable data : Nominal data is House Keeping Data)

AAA : Li-ion battery Voltage  $V = XXX * 0.0977$

※The conversion to decimal A, then assigned to the X. Hereinafter the same

BBB : Solar cell Voltage  $V = XXX * 0.0185$

CCC : COM(Receiver) Voltage  $V = XXX * 0.00488$

Third Line M3\_\_DD\_\_EE\_\_FF\_\_GG (Format is Hexadecimal)

(Fixed data)

DD : RSSI

EE : Solar cell Voltage  $V = XXX * 0.0784$  [V]

FF : Total Voltage  $V = XXX * 0.0392$  [V]

GG : Total system Current  $V = XXX * 0.0297$  [A]

Fourth Line M4\_\_HHH\_\_III\_\_JJJ (Format is Hexadecimal)

(Mutable data : Nominal data is House Keeping Data)

HHH, III, JJJ : Solar cell Current  $A = XXX * 0.00244$  [A]

Fifth Line M5\_\_KK\_\_LL\_\_MM\_\_NN (Format is Hexadecimal)

(Fixed data)

KK : COM(Receiver) Voltage  $V = XXX * 0.0196$  [V]

LL : C&DH Voltage  $V = XXX * 0.0196$  [V]

MM : Camera Voltage  $V = XXX * 0.0196$  [V]

NN : Li-ion battery Voltage  $V = XXX * 0.0392$  [V]

6行目 M6\_\_OO\_\_PP\_\_QQ (Format is Hexadecimal)

(Mutable data : Nominal data is GPS Data)

OO : GPS Data

PP : GPS Data

QQ : GPS Data