

K4LED

Georgia Amateur Radio Astronomy Observatory

Observation Date: 05-27-2018, 0:00:10 to 23:45:01 UTC

Location: Lat. 34.42322 N, Lon. -84.49413 W (Jasper, GA 30143)

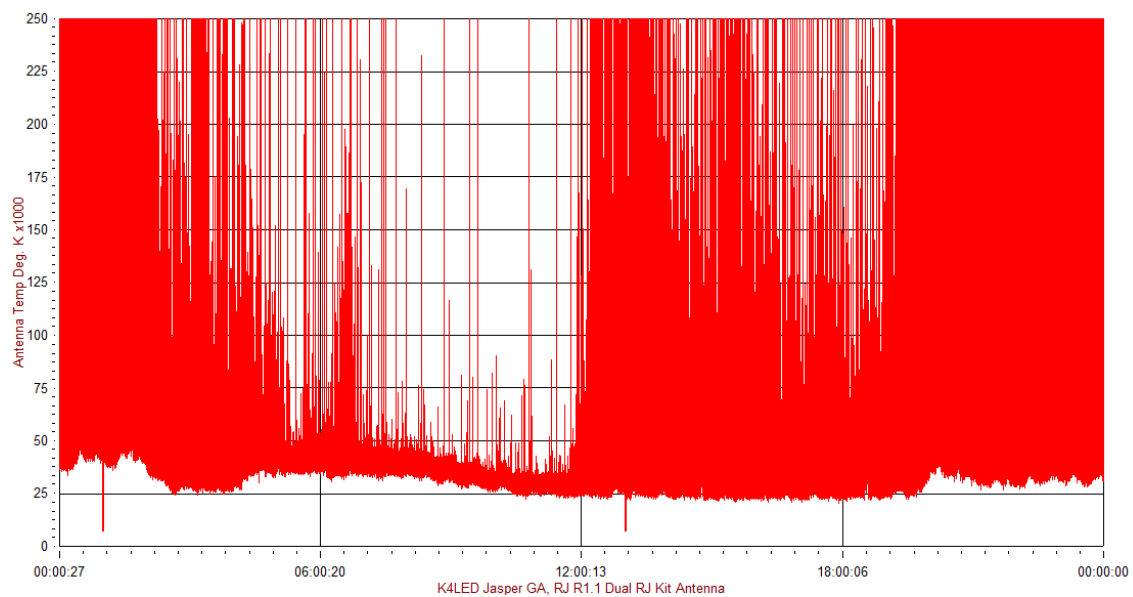
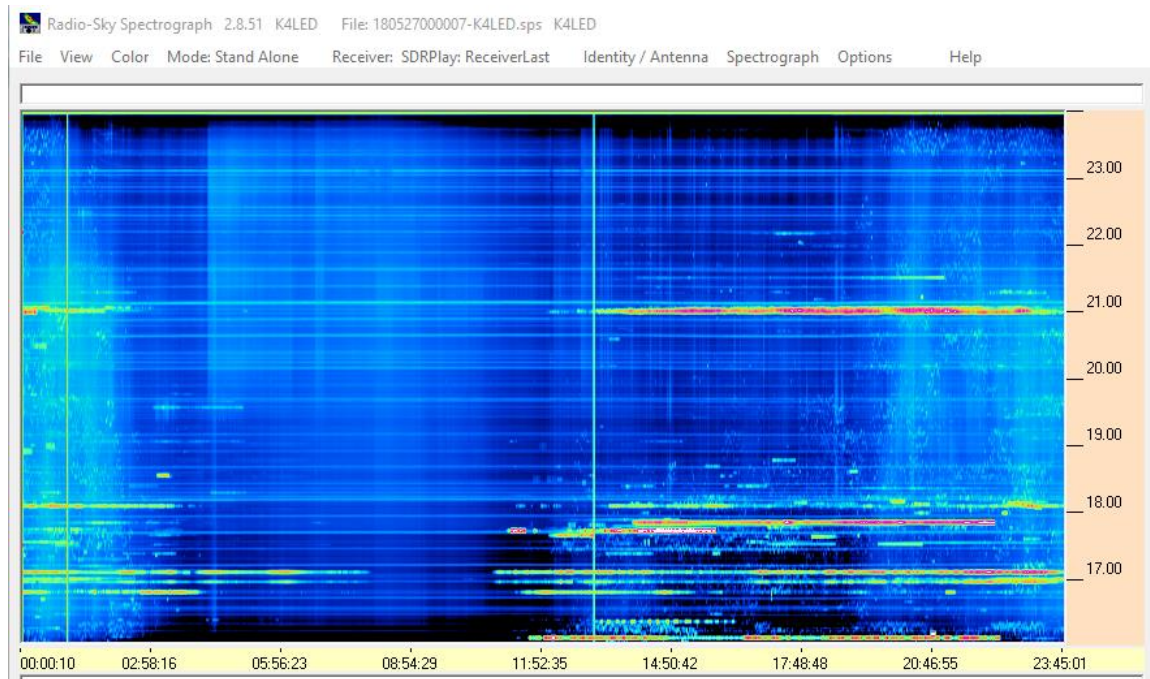
Object: TP, ???, IO-B

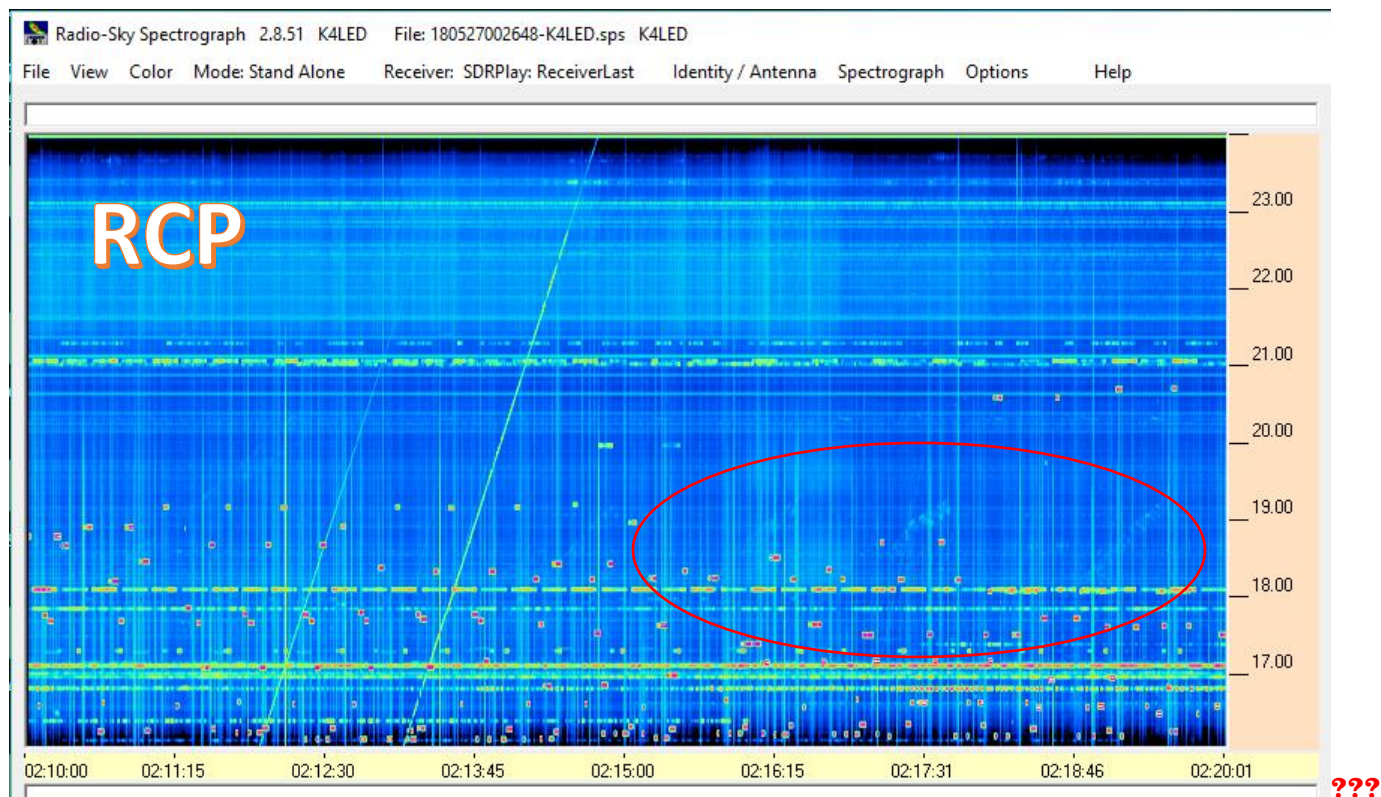
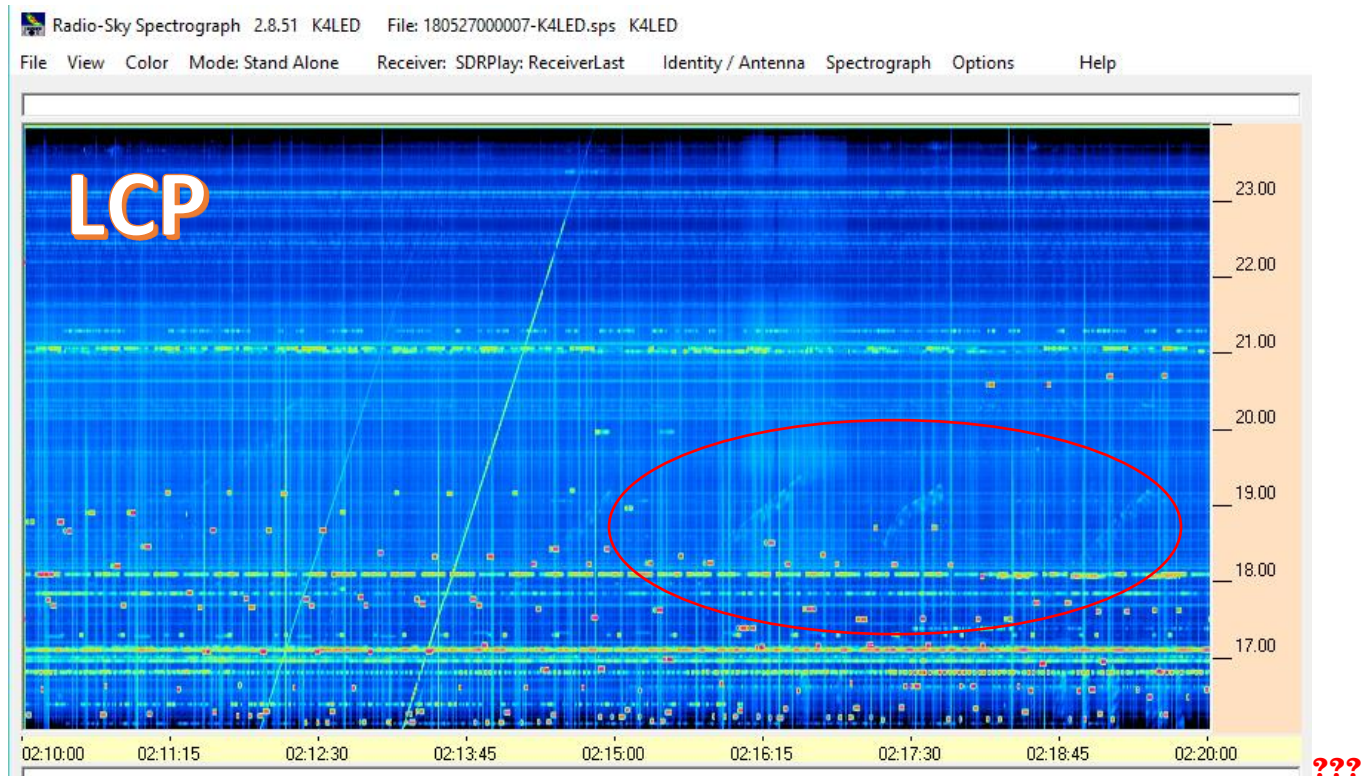
Observer: Larry E. Dodd

Receivers: FSX11, SDRPlay2PRO, RJ1.1

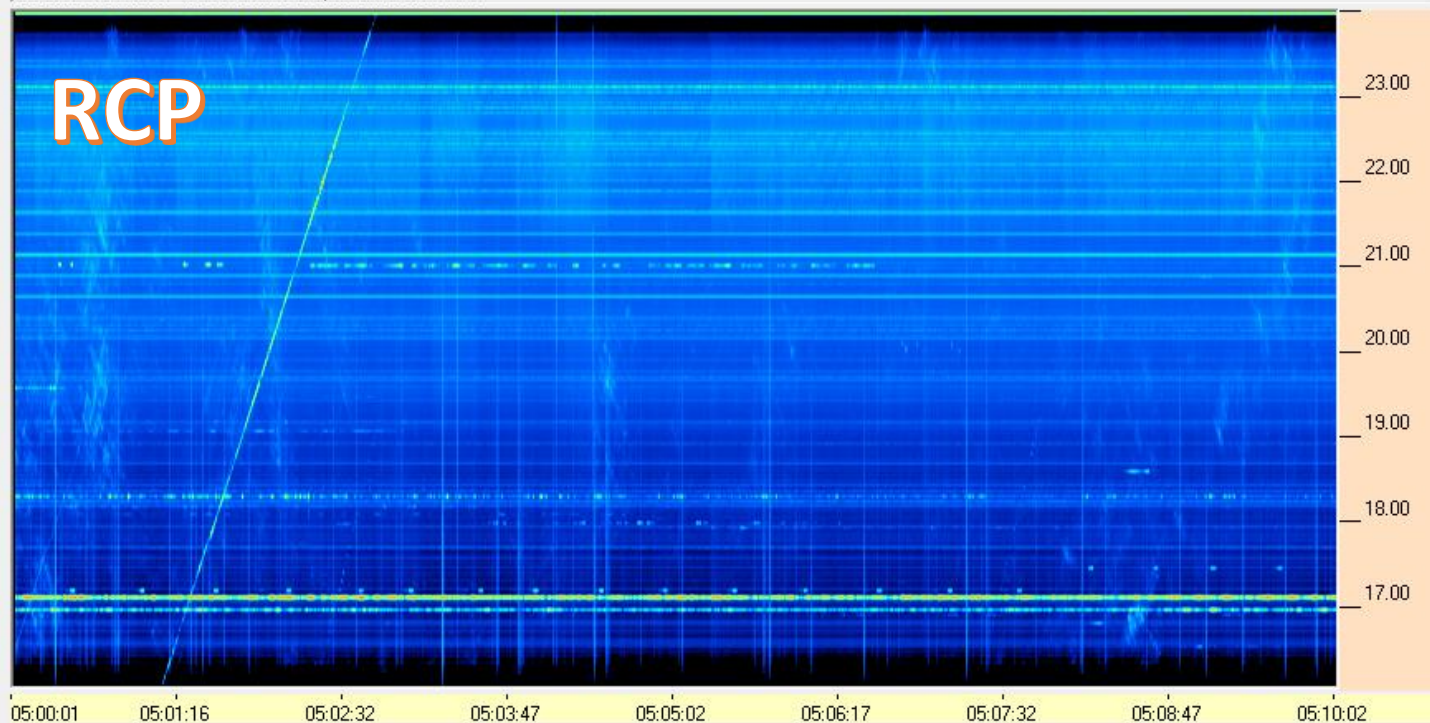
Software: SkypipeII 2.7.34, Spectrograph 2.8.50

Antennas: Radio Jove Dual Dipole Kit, Typinski Square TFD



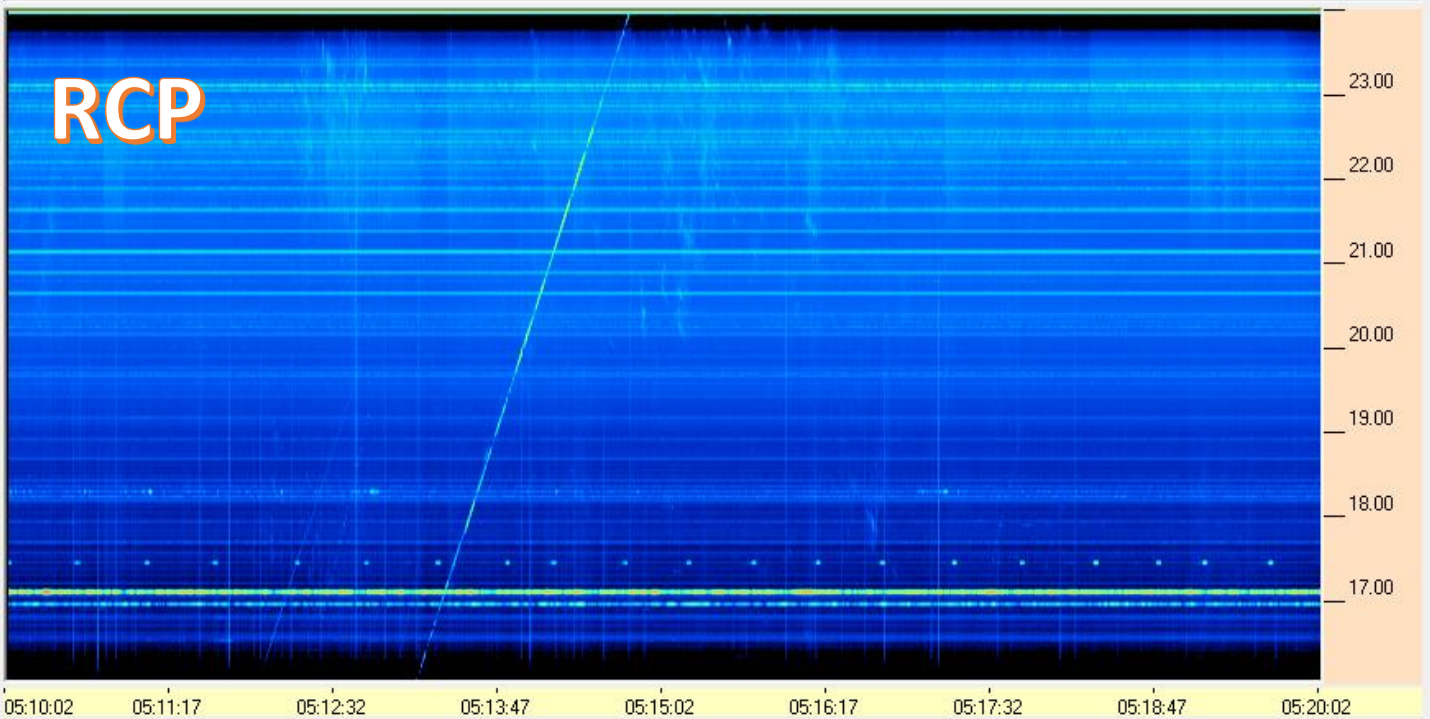


05/27/2018 K4LED TFD2 SDRP2 Jasper, GA 2.8.50 RCP

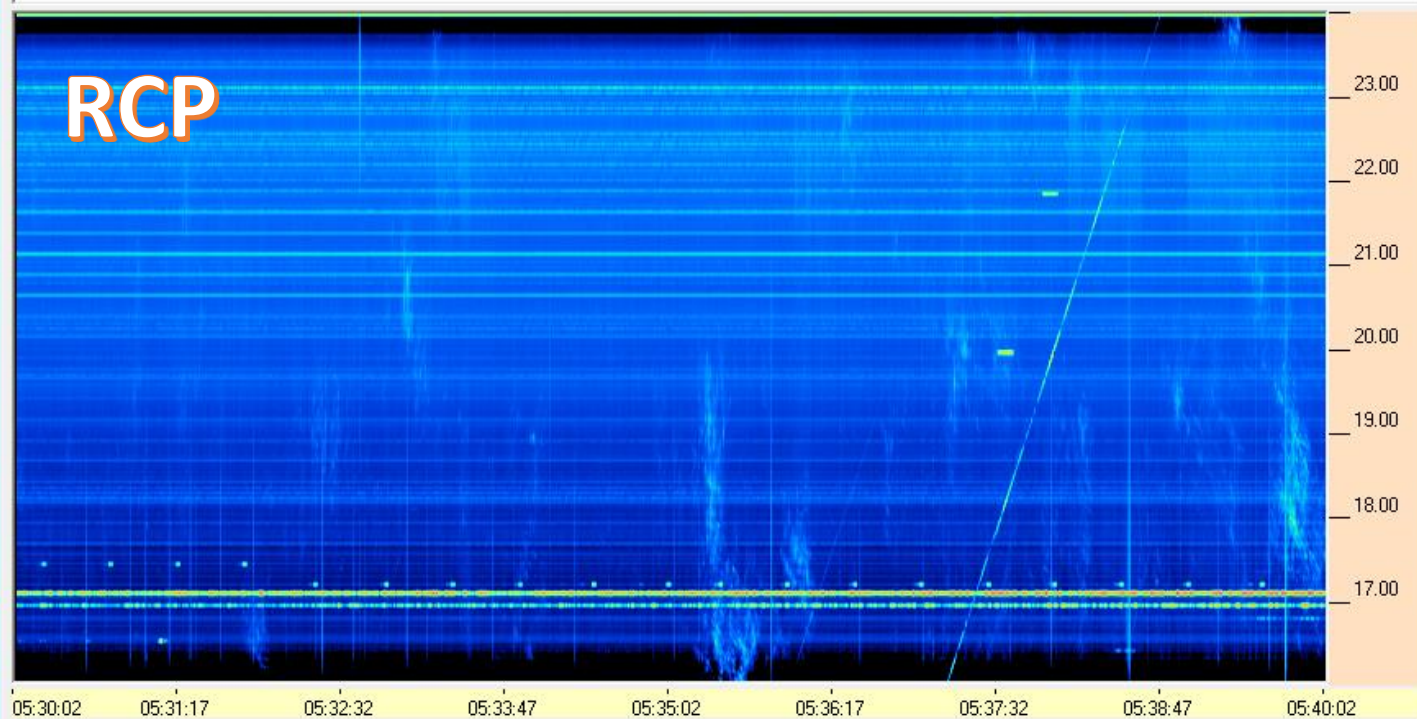
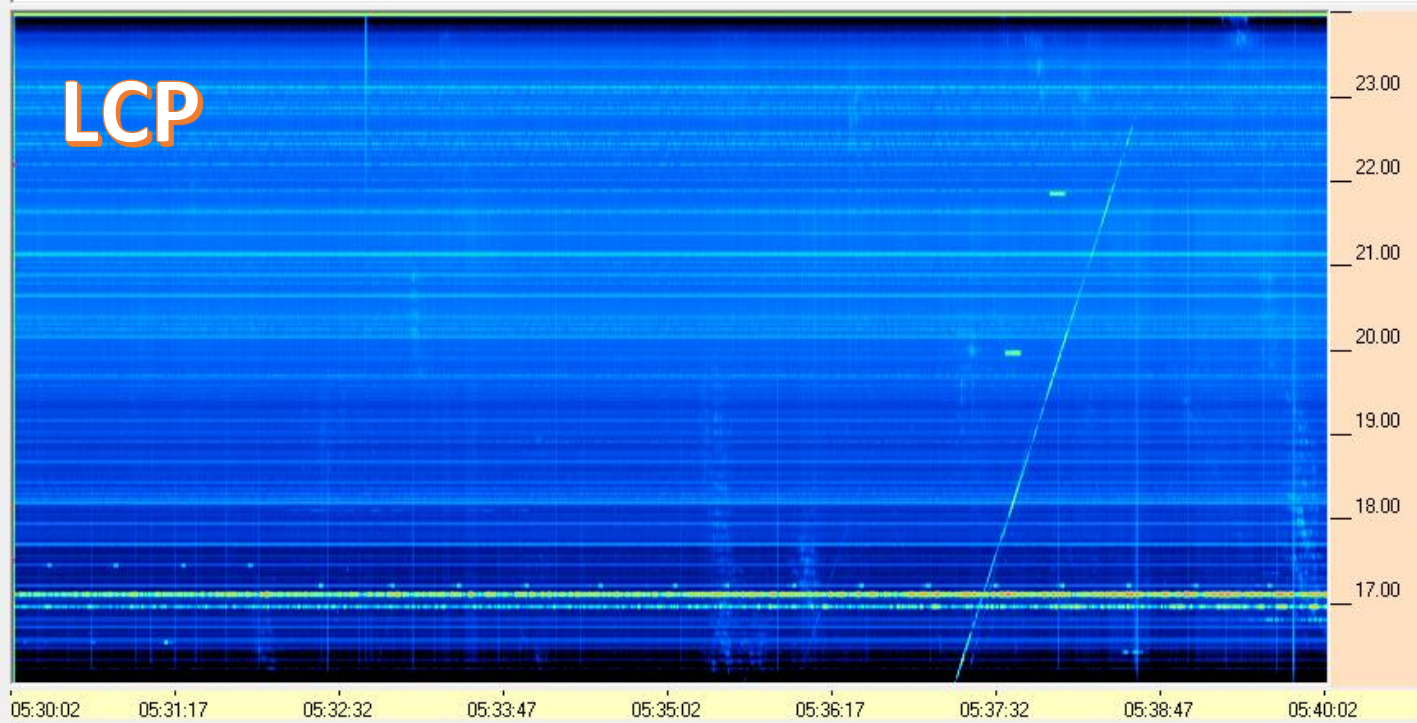


05/27/2018 K4LED TFD2 SDRP2 Jasper, GA 2.8.50 RCP

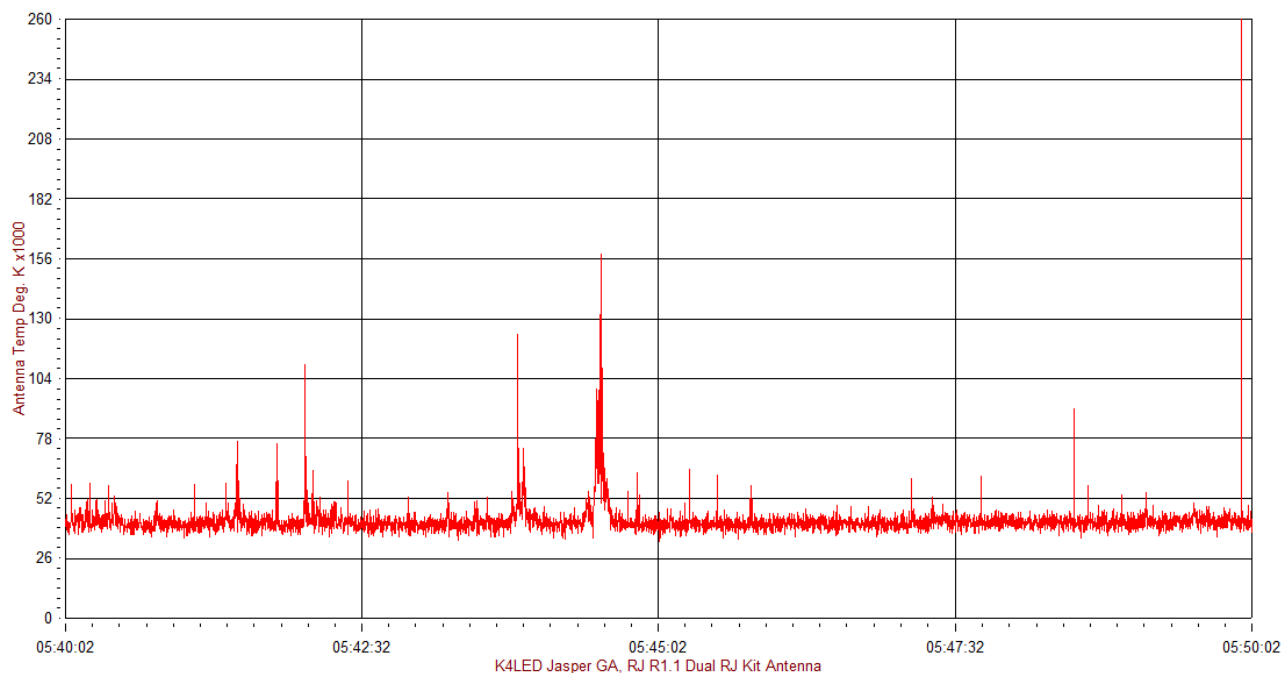
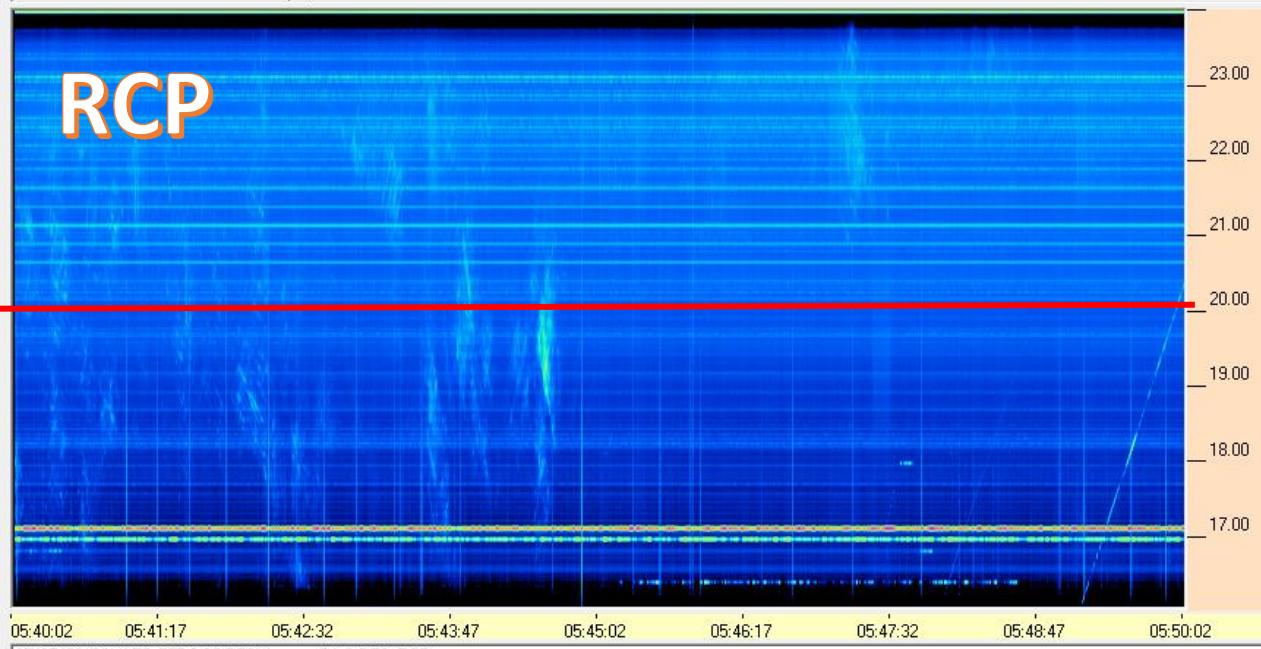
05/27/2018 K4LED TFD2 SDRP2 Jasper, GA 2.8.50 RCP

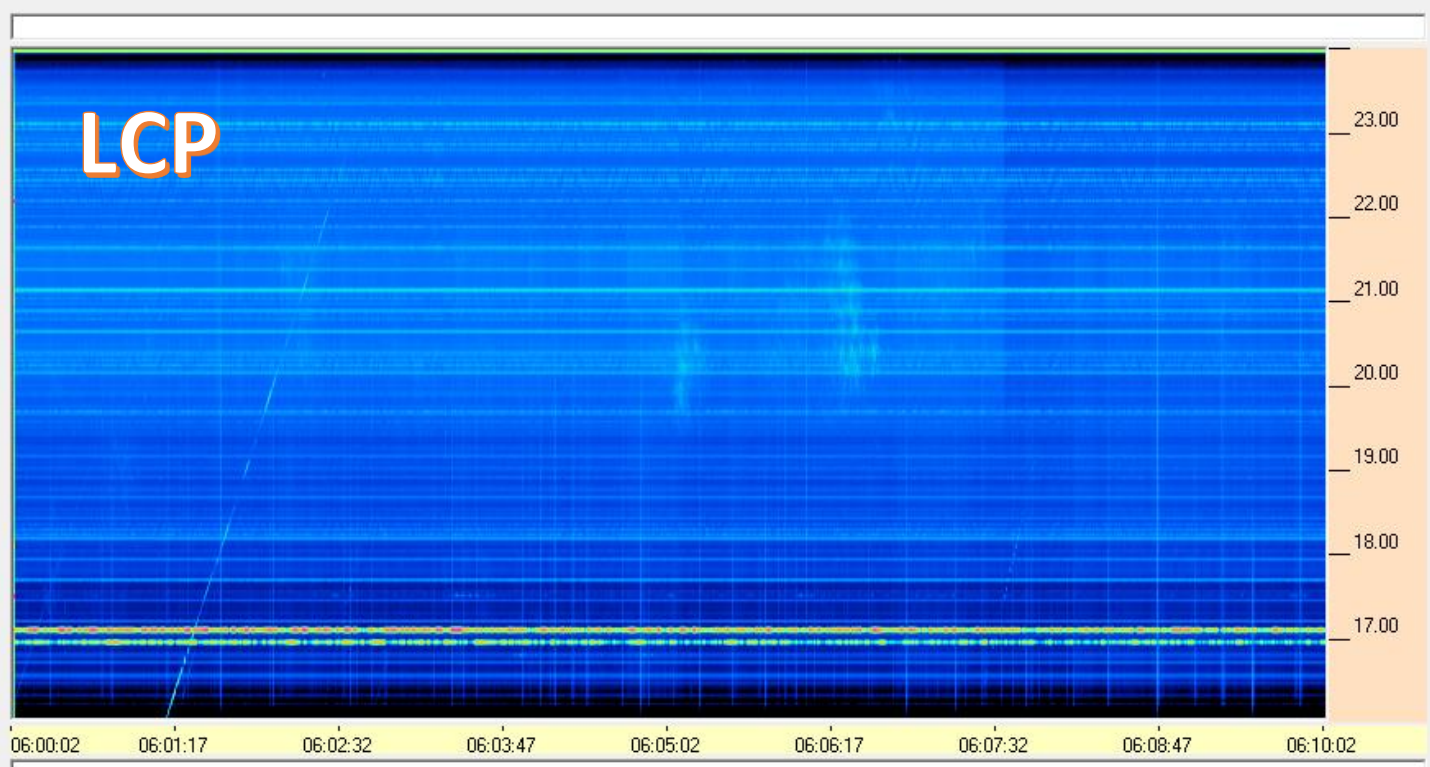
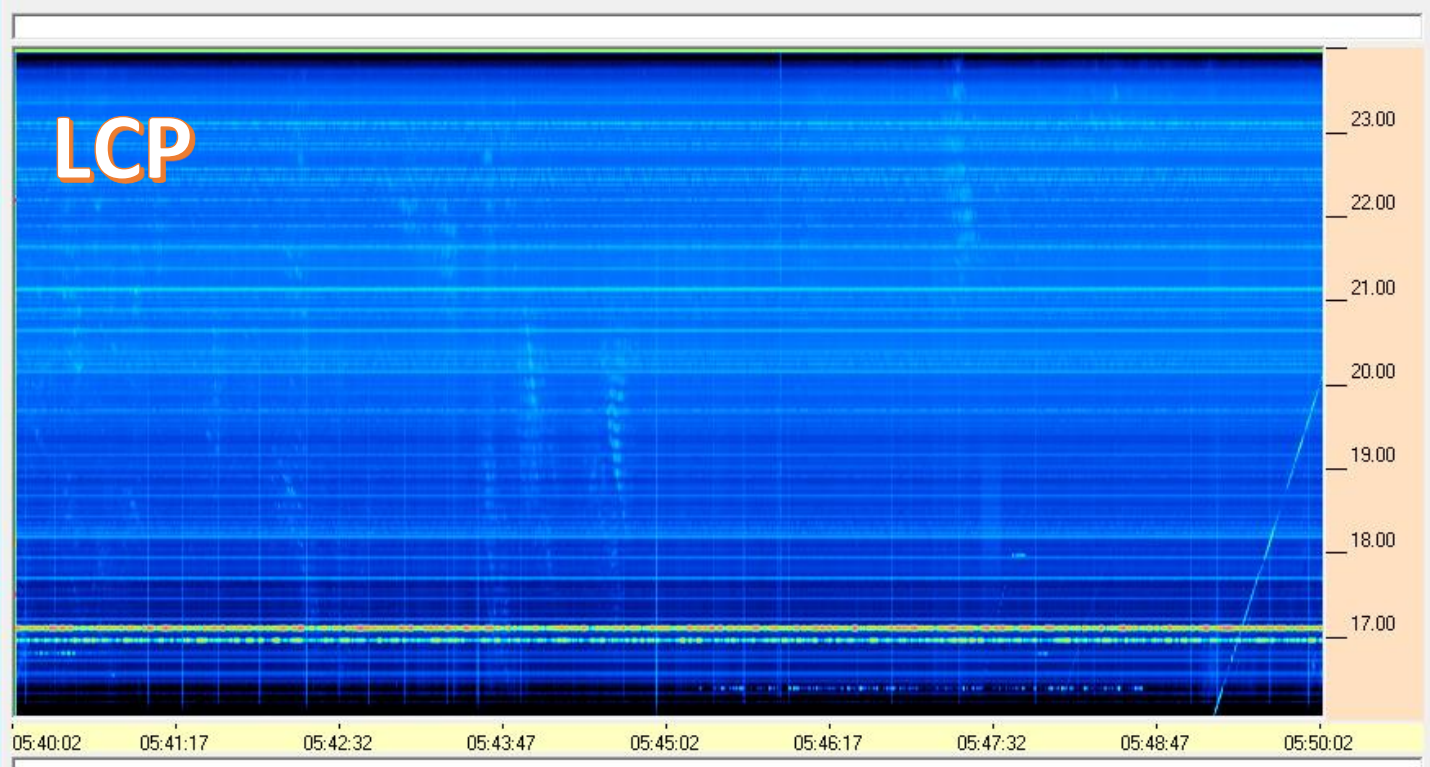


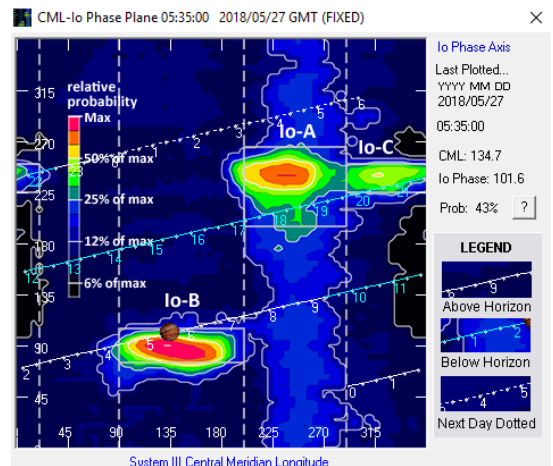
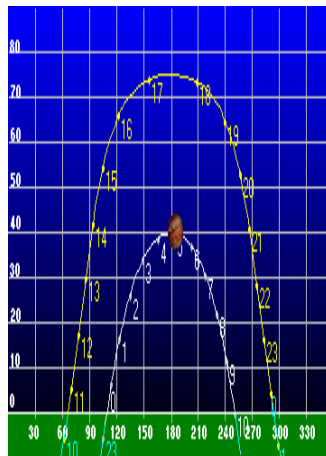
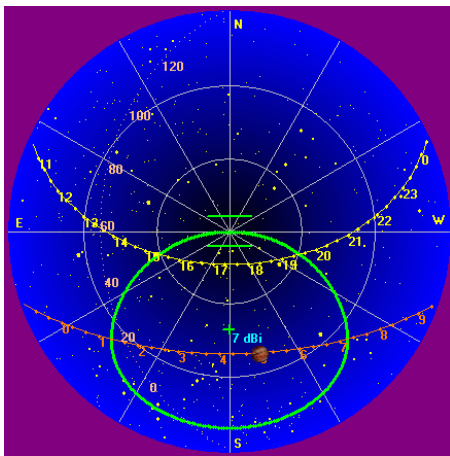
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Radio-Jupiter Pro 3.8.2 (GMT)

File Options Display Tools Window Help

YYYY MM DD
Date 2018 05 27 cal

HH MM SS
Time 05 35 00 GMT

update

Using Fixed Time

Lat: 34:25:23.5
 Long: 84:29:38.8 W

Jupiter

ALT: 36.6
 AZ: 204.3
 HA: 01:20
 Rise: 22:59
 Set: 09:32
 RA: 14:56
 DEC: -15:27
 CMIII: 134.68
 Io SGC: 101.59

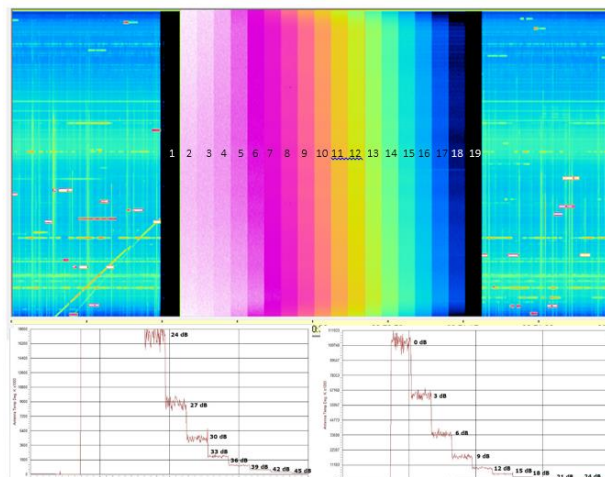
Sun

ALT: -34.6
 AZ: 002.2
 HA: 12:08
 Rise: 10:27
 Set: 00:29
 RA: 04:08
 DEC: 20:57

LMST: 16:15:58

RUN

AUTOMATED CALIBRATION COLOR BAR TEST PATTERN AND DATA ACTUAL MEASURED DATA



STEP	TEMPERATURE	ATTENUATION
1	>1 kK	101 dB
2	104.0 MK	0 dB
3	66.9 MK	3 dB
4	36.3 MK	6 dB
5	19.1 MK	9 dB
6	9.6 MK	12 dB
7	4.5 MK	15 dB
8	2.3 MK	18 dB
9	1.2 MK	21 dB
10	602.0 kK	24 dB
11	296.6 kK	27 dB
12	133.0 kK	30 dB
13	92.2 kK	33 dB
14	51.6 kK	36 dB
15	32.0 kK	39 dB
16	22.6 kK	42 dB
17	17.9 kK	45 dB
18	12.0 kK	48 dB
19	>1 kK	101 dB