

K4LED

Georgia Amateur Radio Astronomy Observatory

Observation Date: 06-02-2018, 0:00:01 to 23:59:00 UTC

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

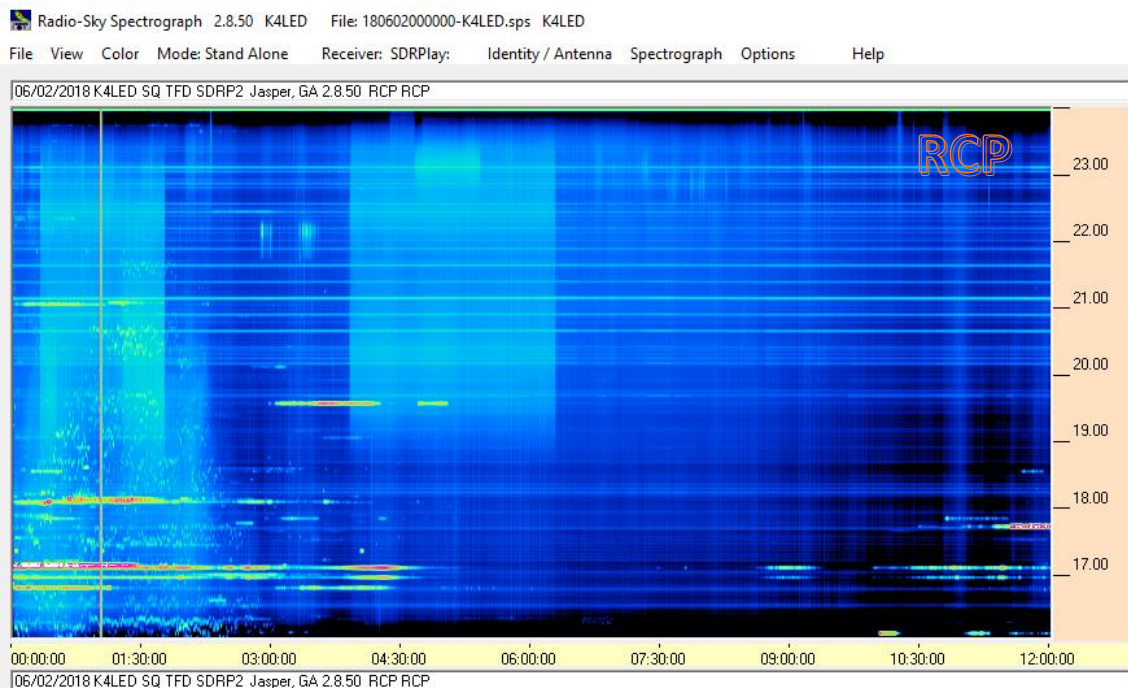
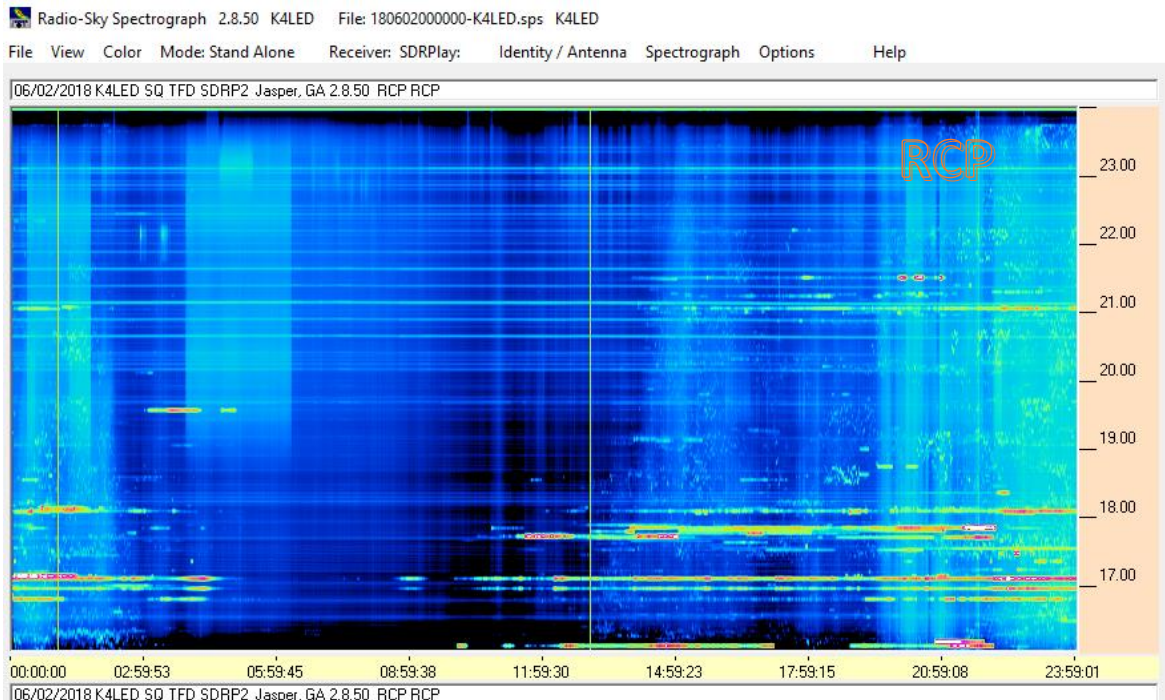
Object: TP, IO-A, IO-C

Observer: Larry E. Dodd

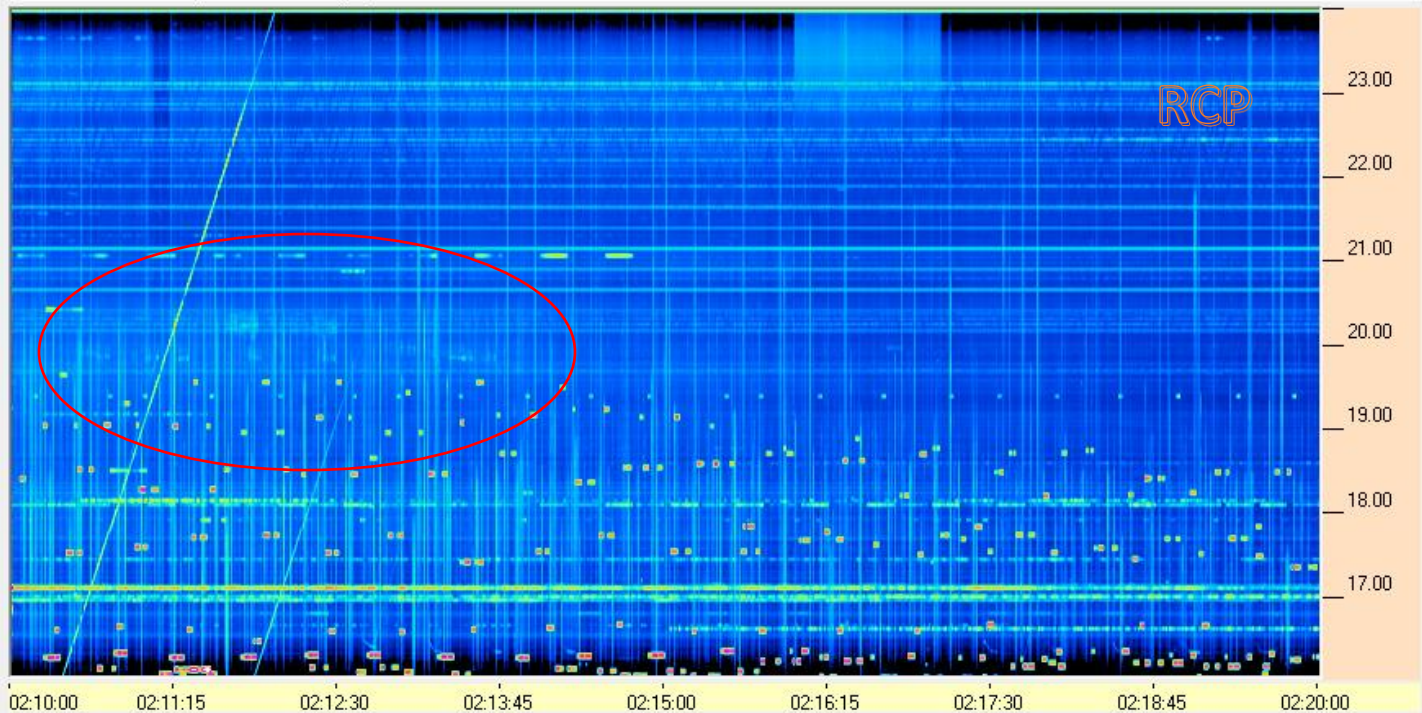
Receivers: FSX11, SDRPlay2PRO, RJ1.1

Software: SkypipeII 2.7.34, Spectrograph 2.8.50

Antennas: Radio Jove Dual Dipole Kit, Typinski Square TFD

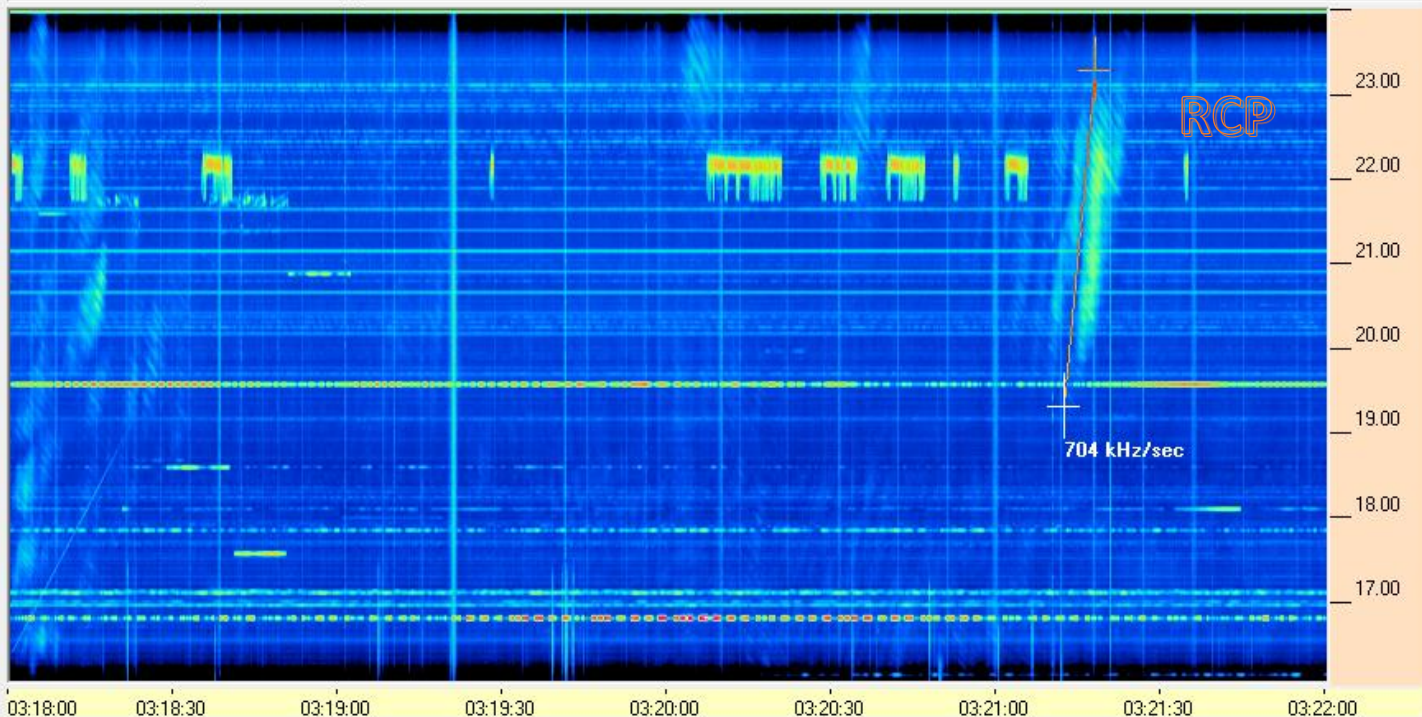


06/02/2018 K4LED SQ TFD SDRP2 Jasper, GA 2.8.50 RCP RCP



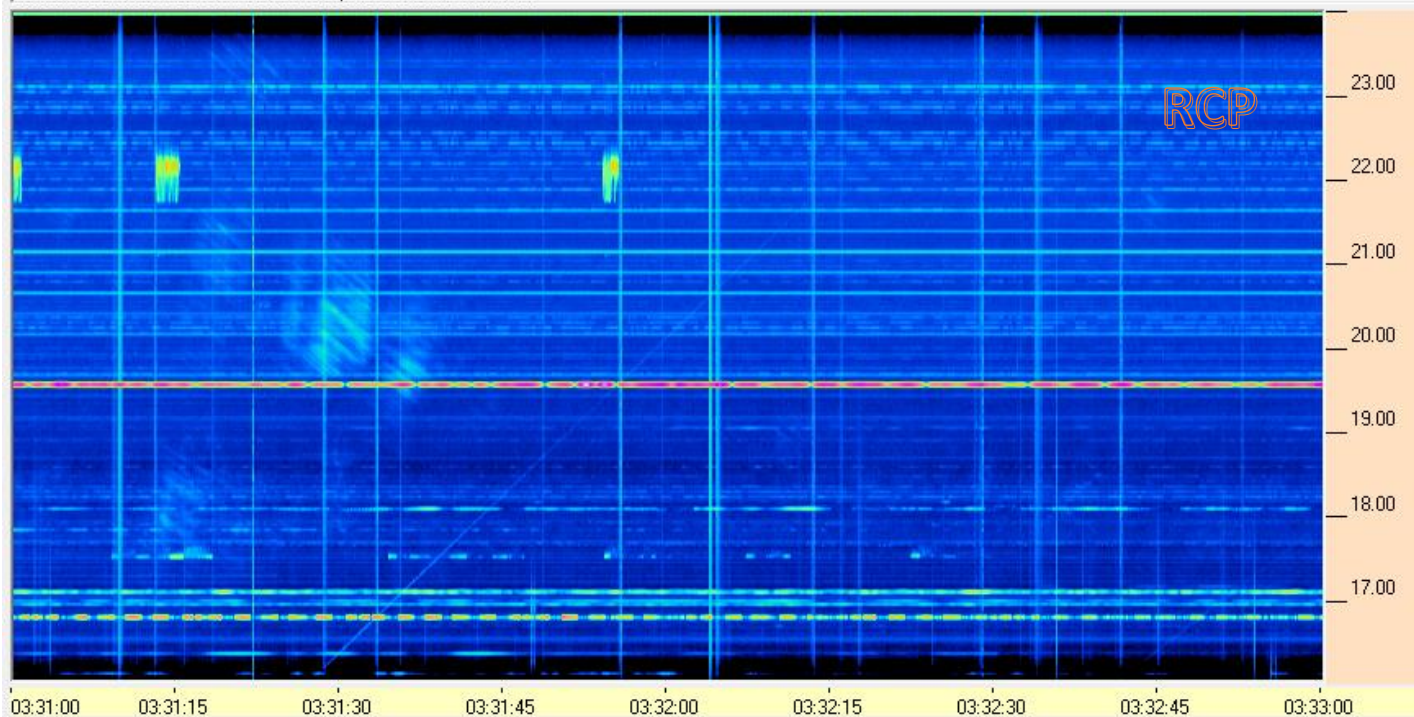
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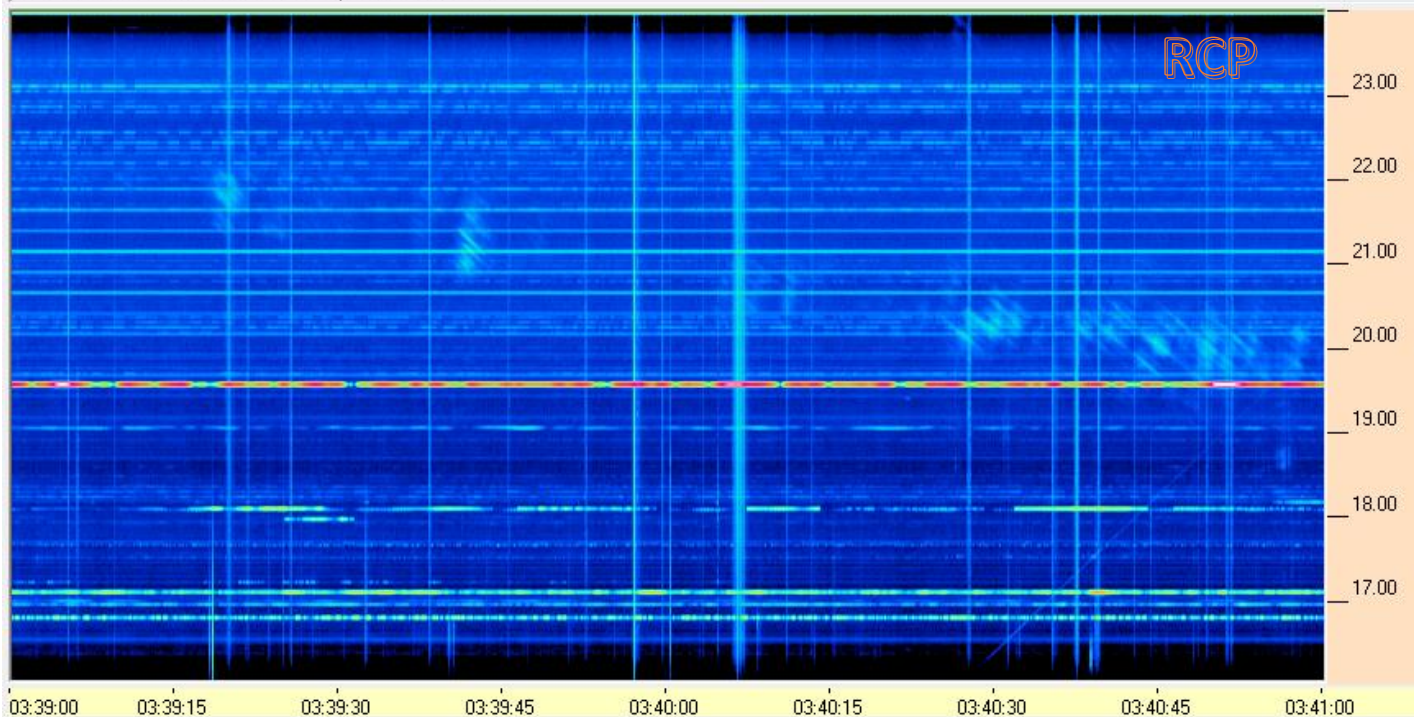
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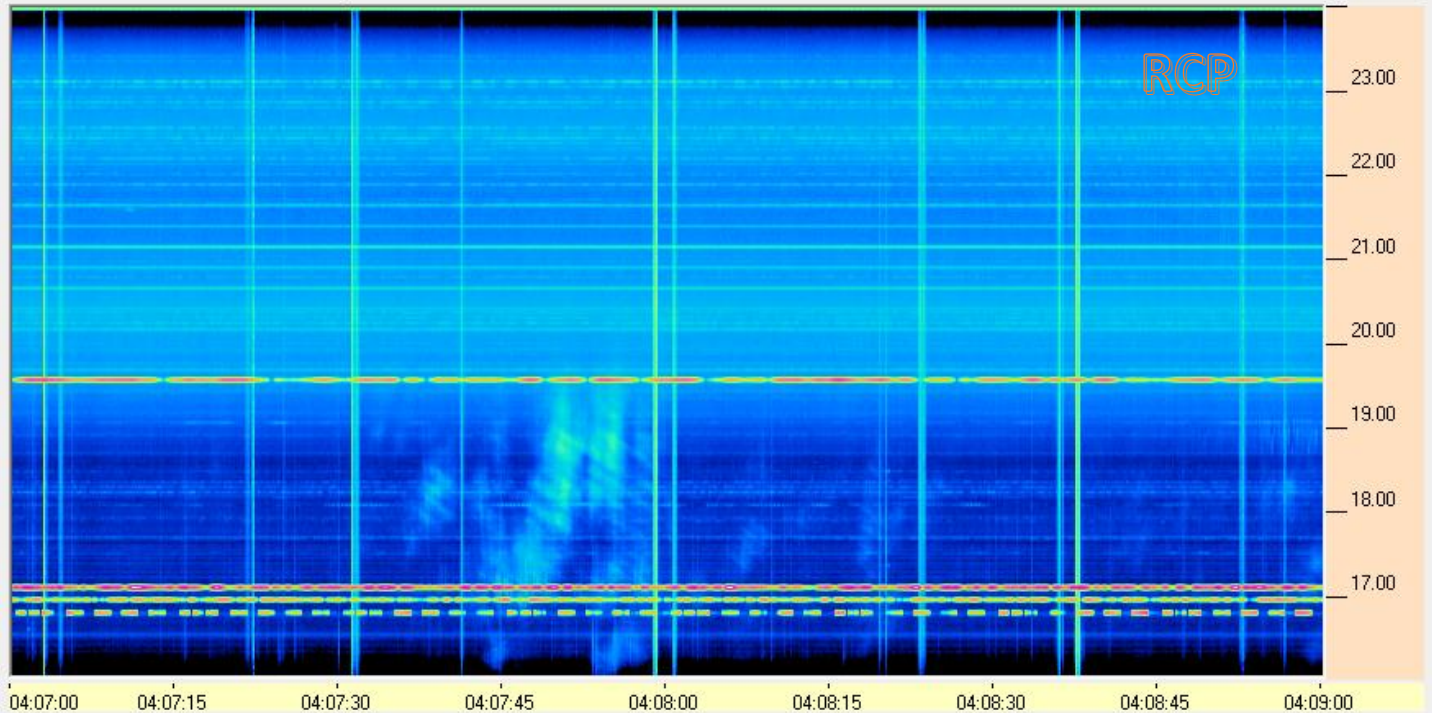
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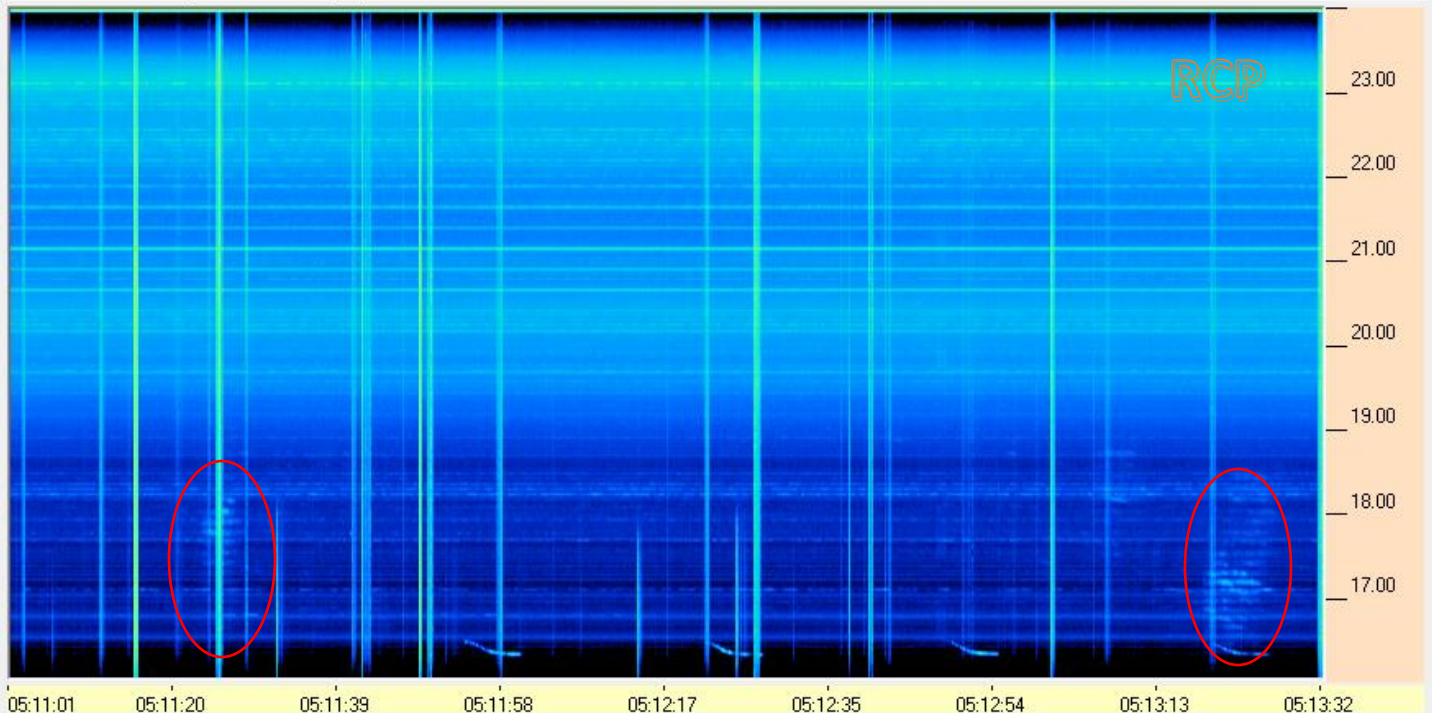
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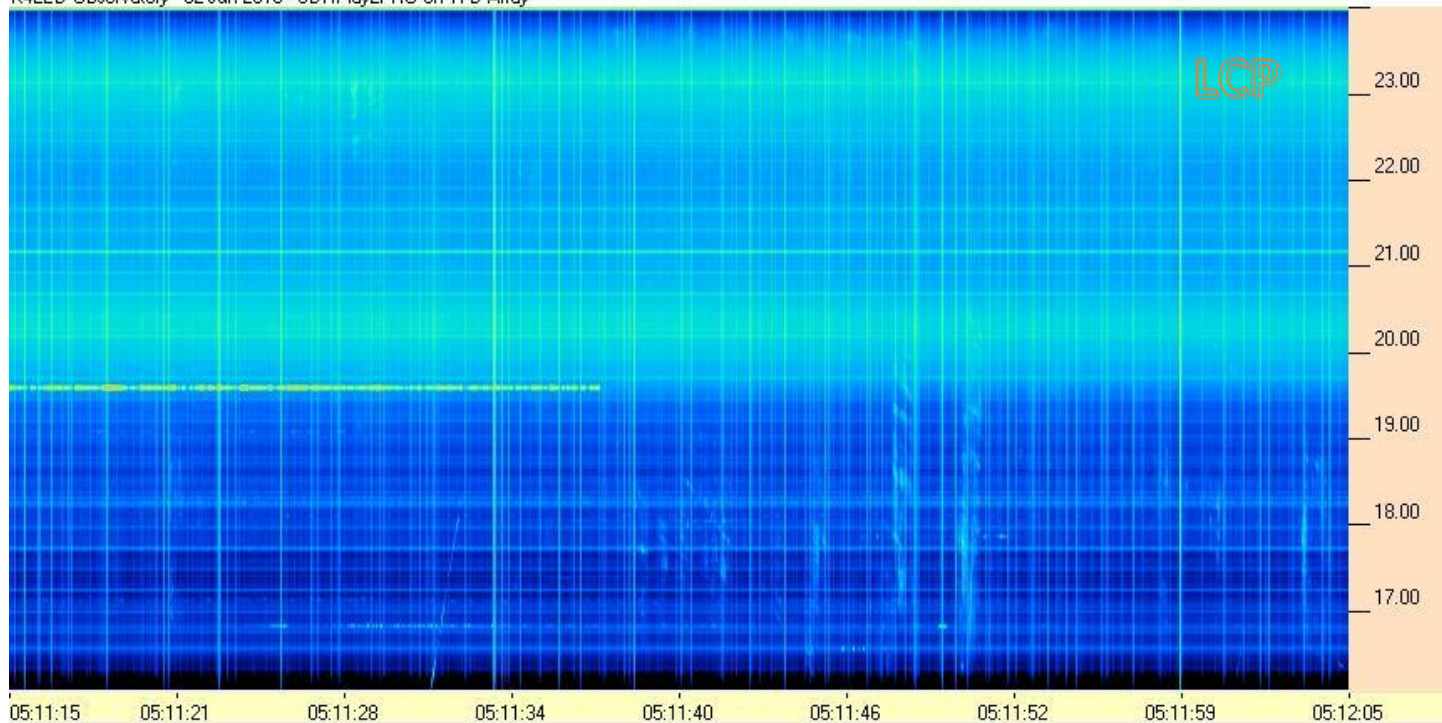
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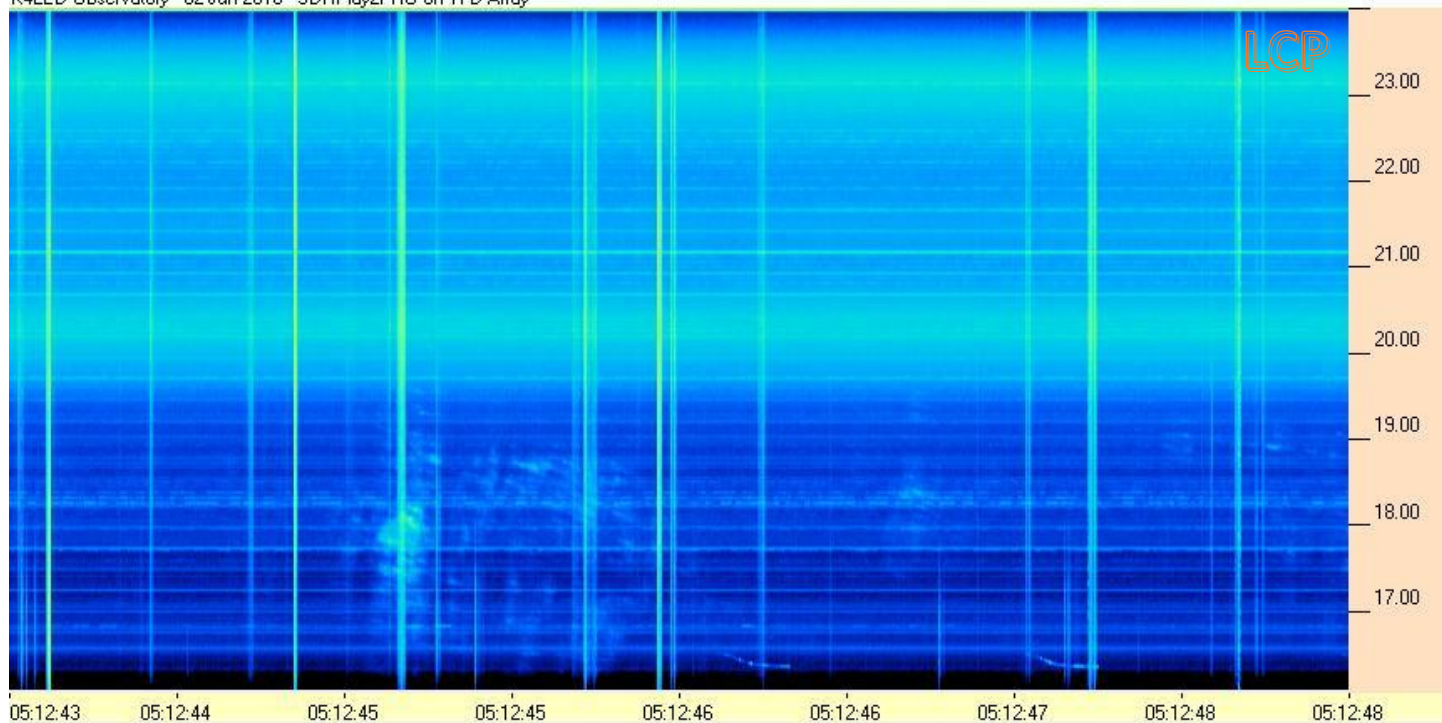
06/02/2018 K4LED SQ TFD SDRP2 Jasper, GA 2.8.50 RCP RCP

LCP

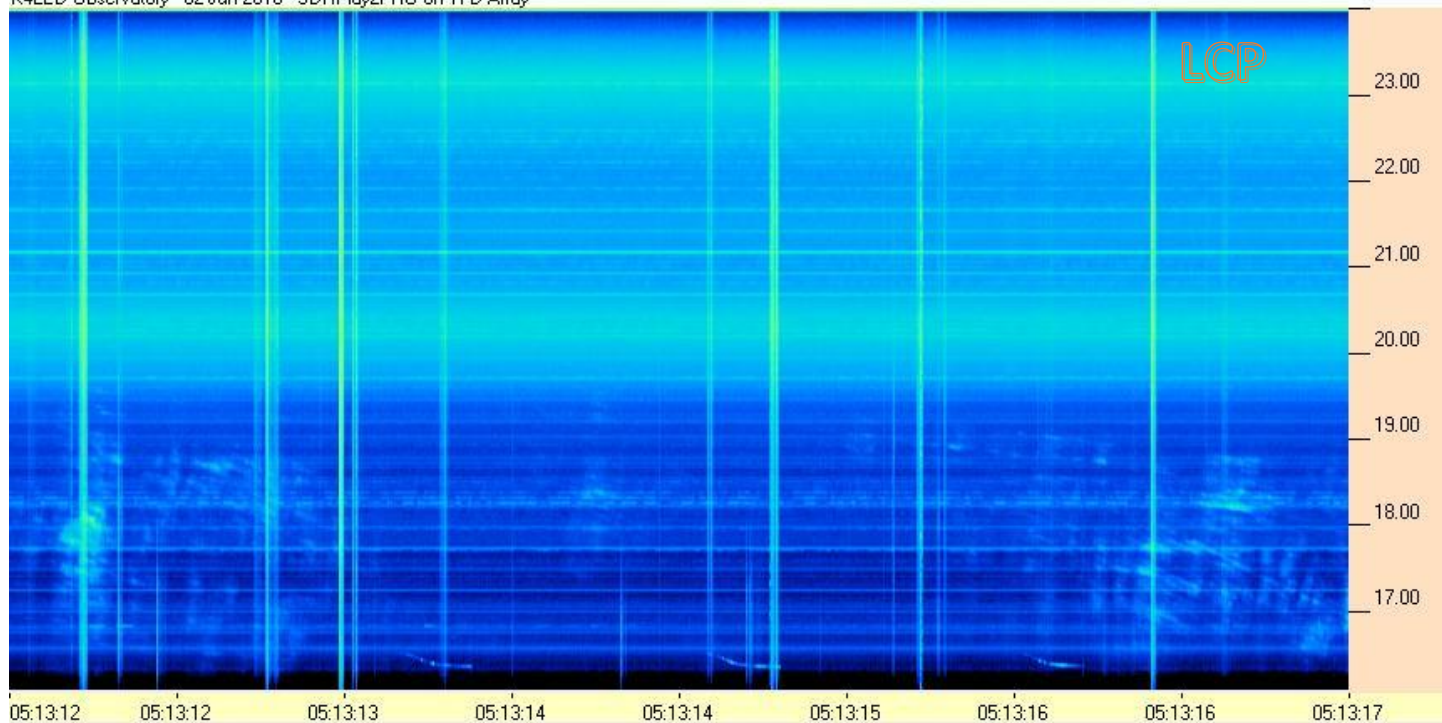
K4LED Observatory - 02 Jun 2018 - SDRPlay2PRO on TFD Array -



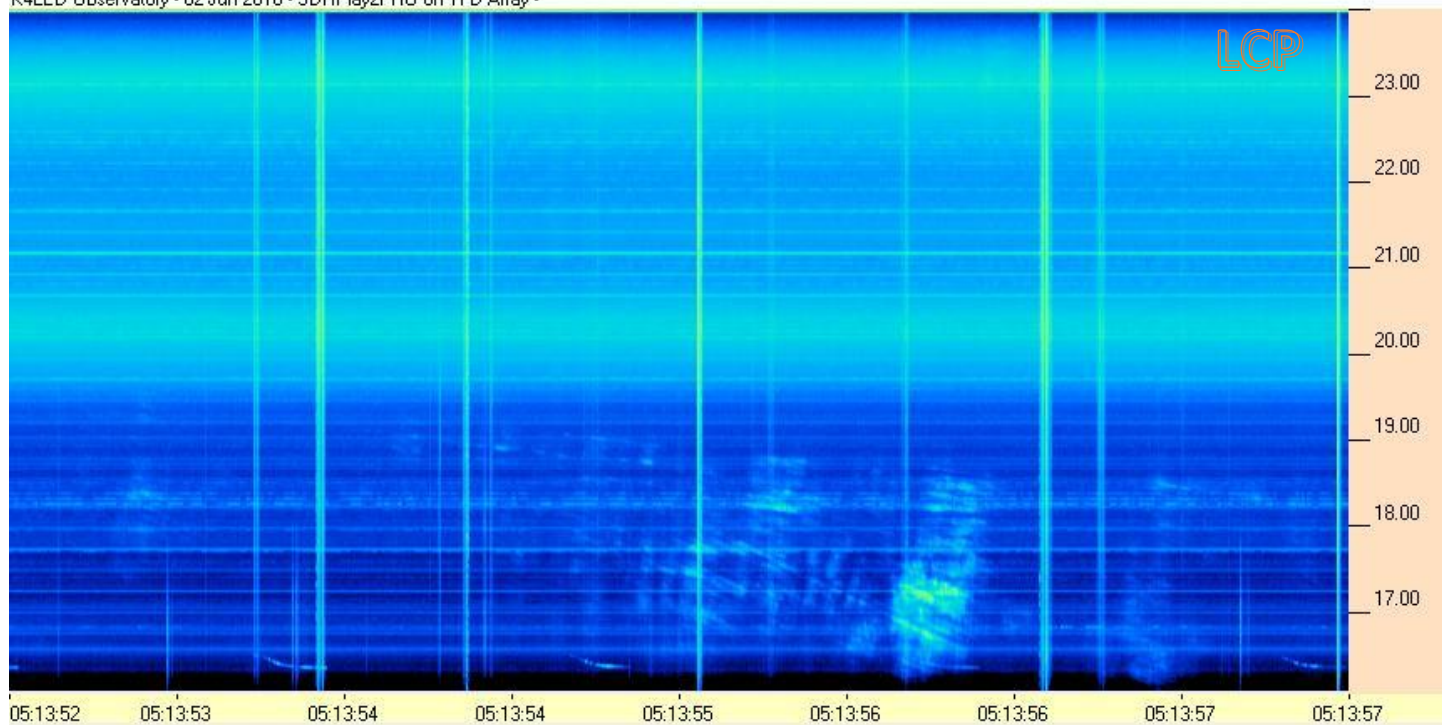
K4LED Observatory - 02 Jun 2018 - SDRPlay2PRO on TFD Array -

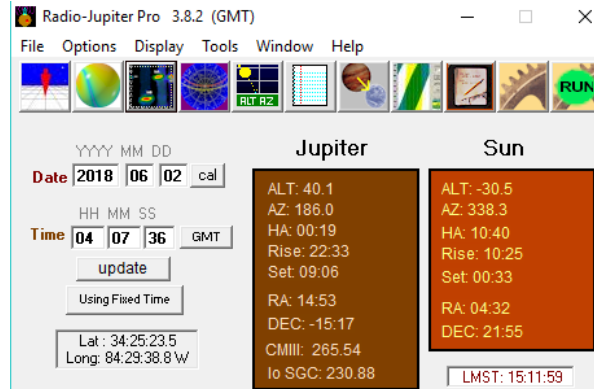
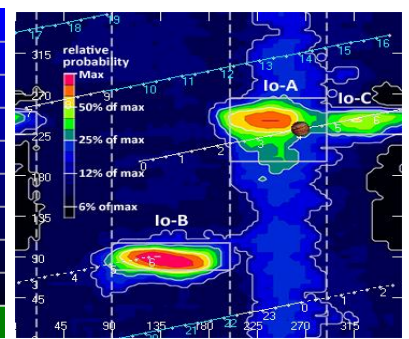
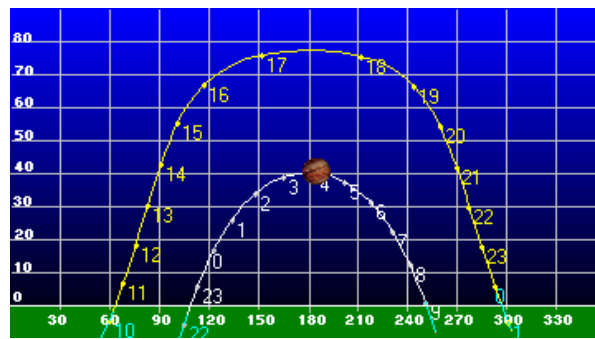
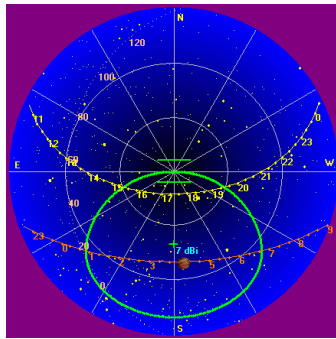


K4LED Observatory - 02 Jun 2018 - SDRPlay2PRO on TFD Array -

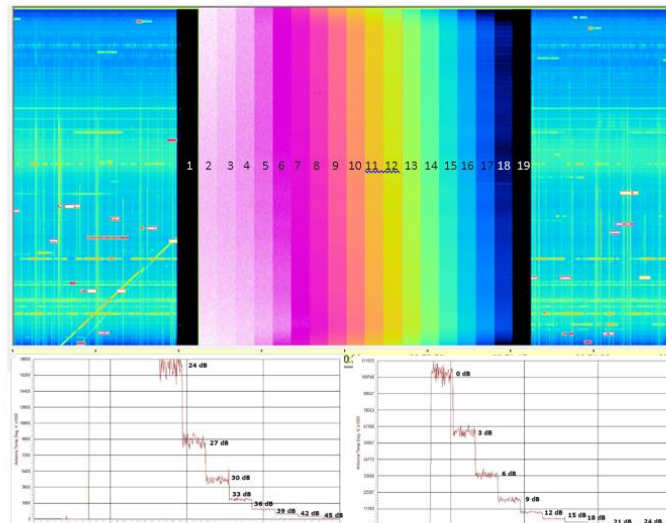


K4LED Observatory - 02 Jun 2018 - SDRPlay2PRO on TFD Array -





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