

K4LED

Georgia Amateur Radio Astronomy Observatory

Observation Date: 06-03-2018, 0:07:01 to 23:59:00 UTC

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

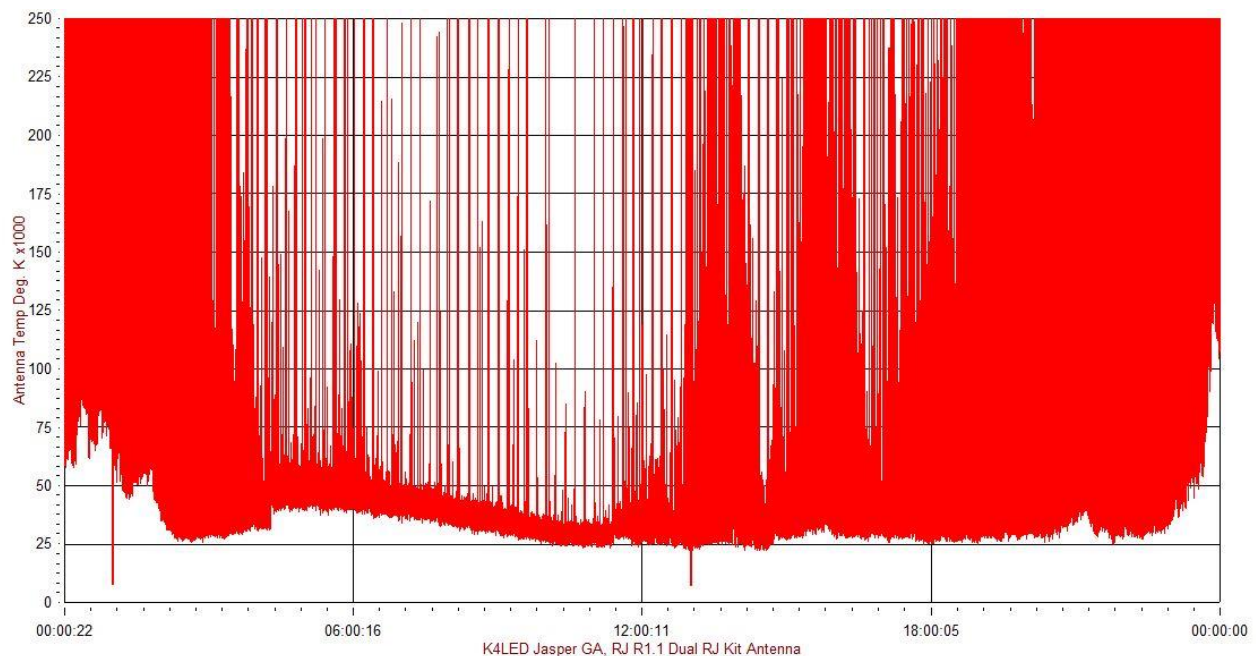
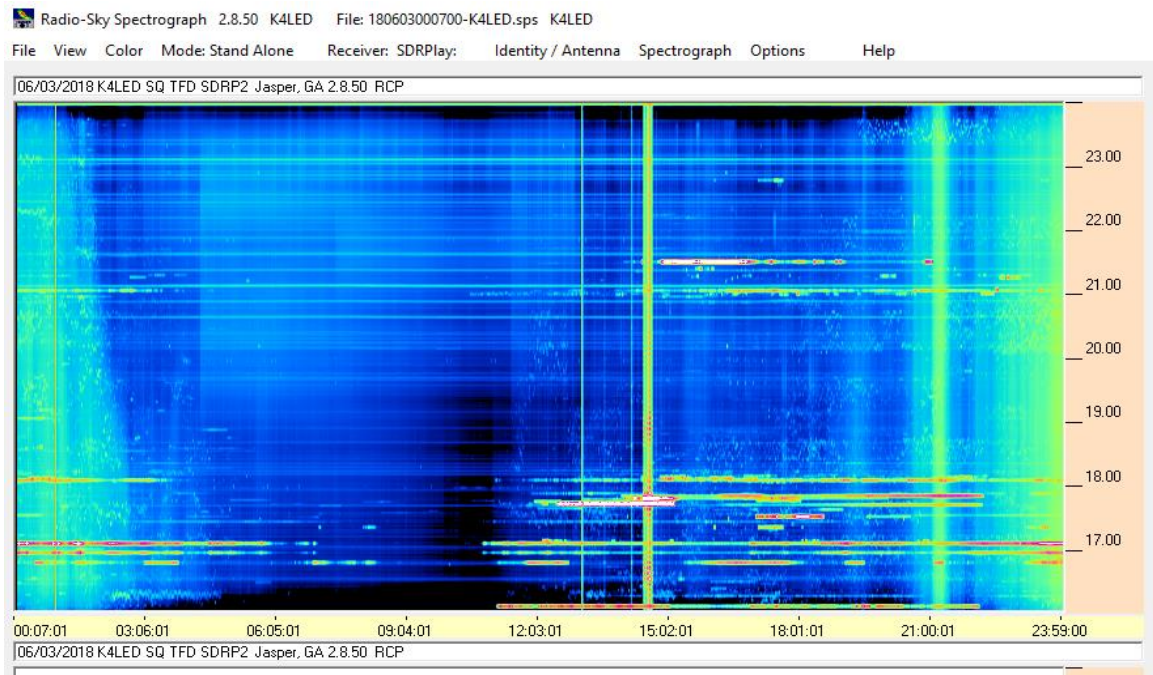
Object: TP, GB, IO-B

Observer: Larry E. Dodd

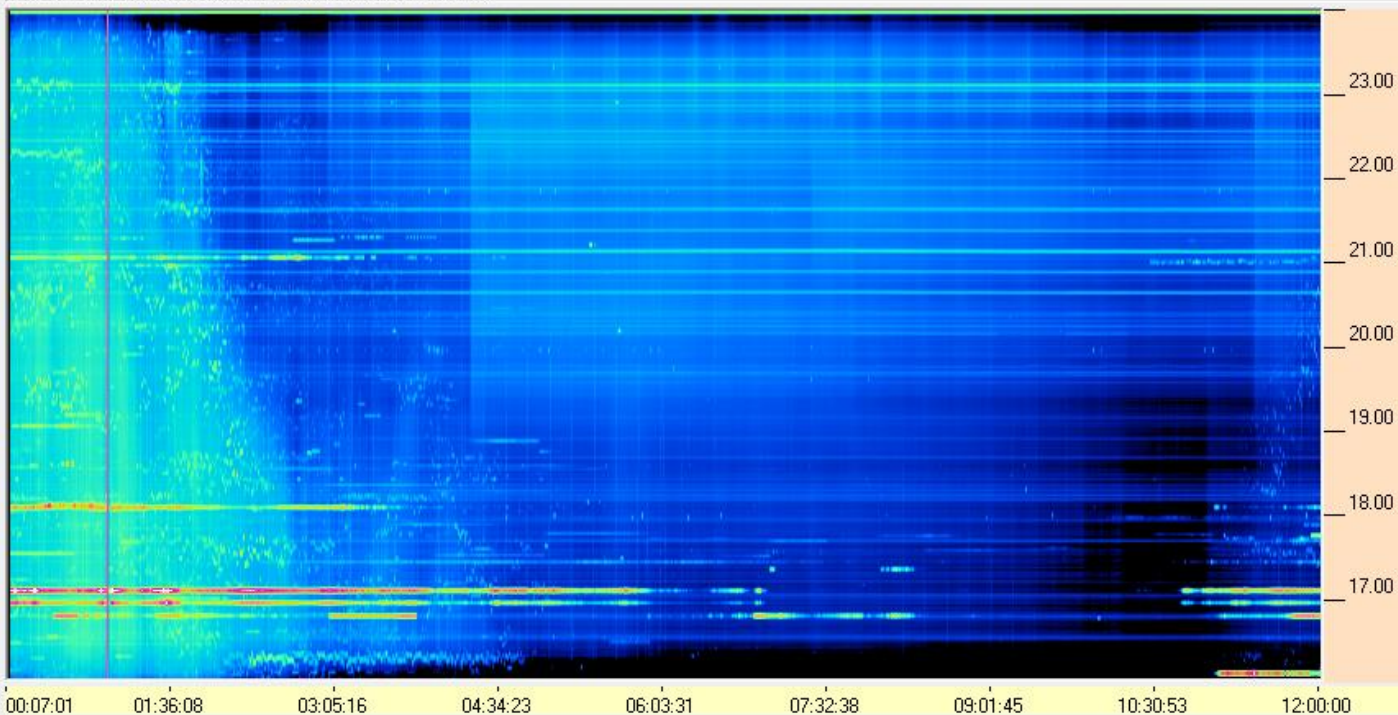
Receivers: FSX11, SDRPlay2PRO, RJ1.1

Software: SkypipeII 2.7.34, Spectrograph 2.8.50

Antennas: Radio Jove Dual Dipole Kit, Typinski Square TFD

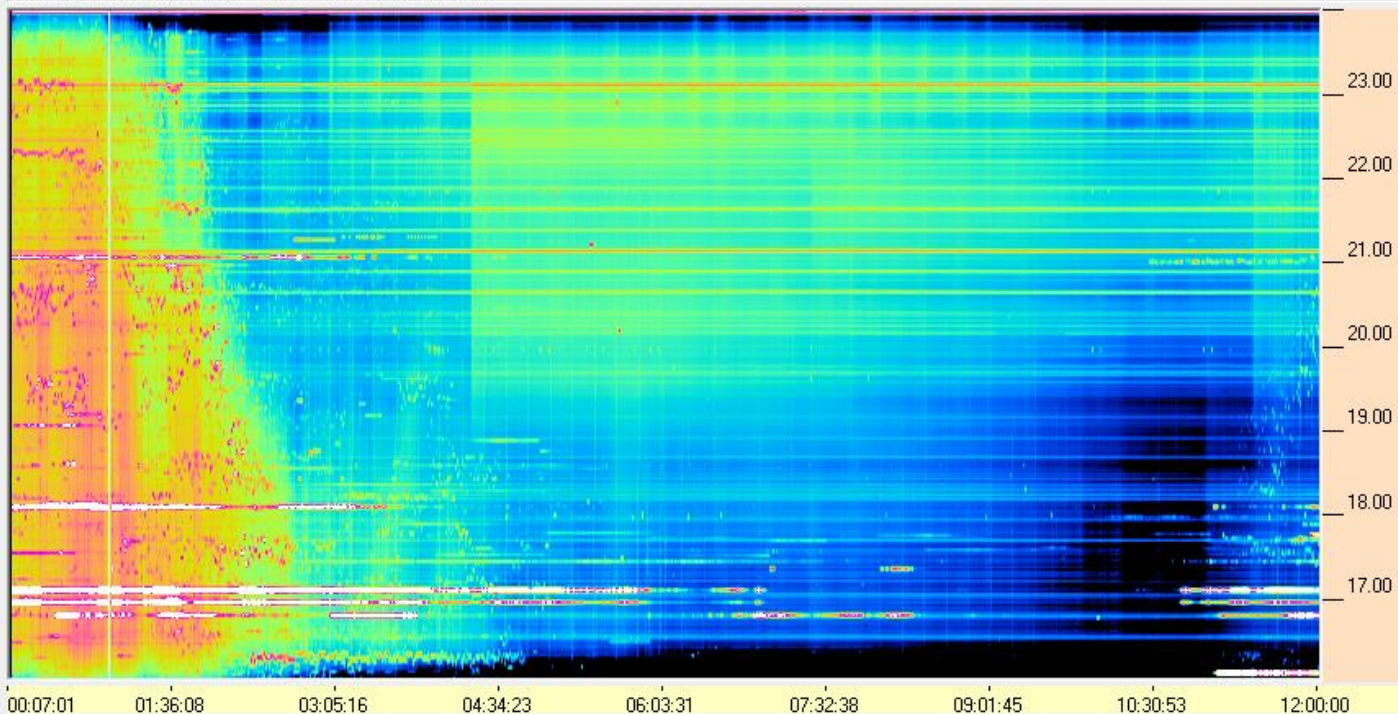


06/03/2018 K4LED SQ TFD SDRP2 Jasper, GA 2.8.50 RCP



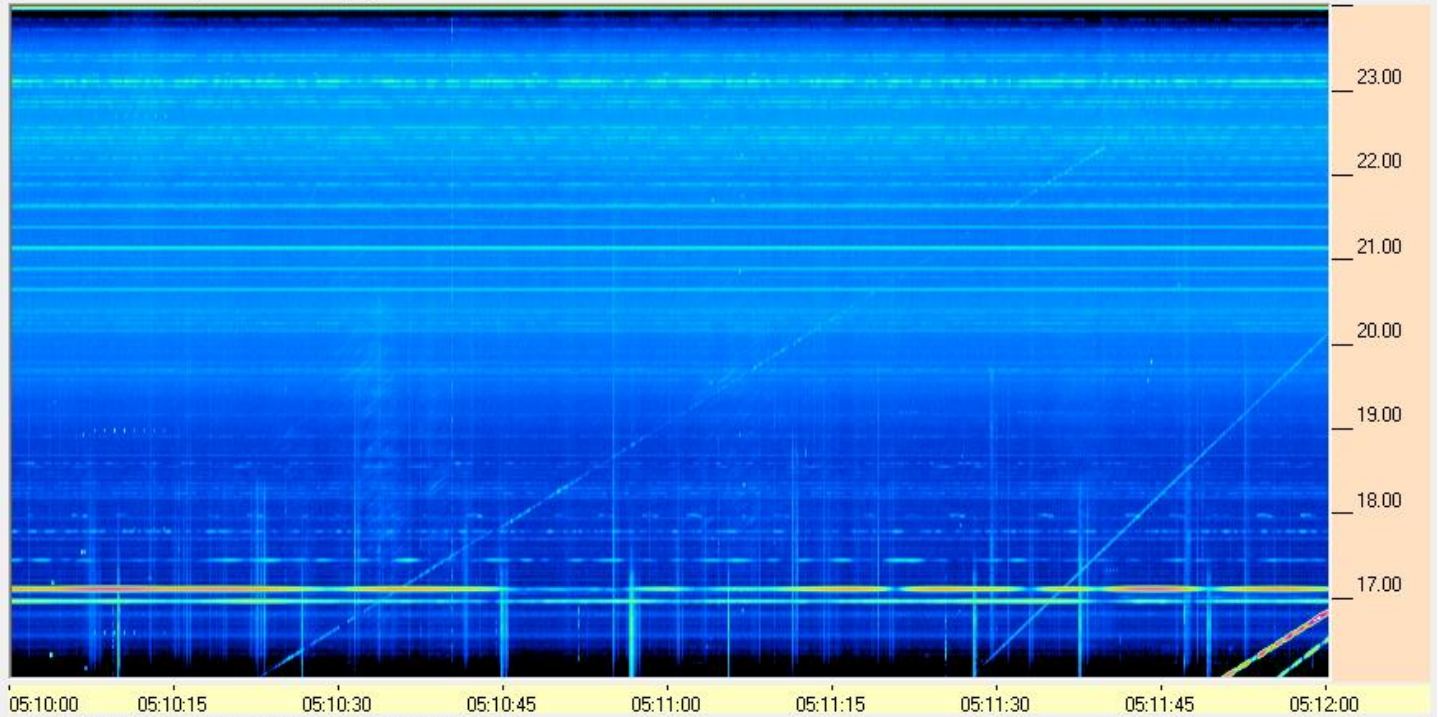
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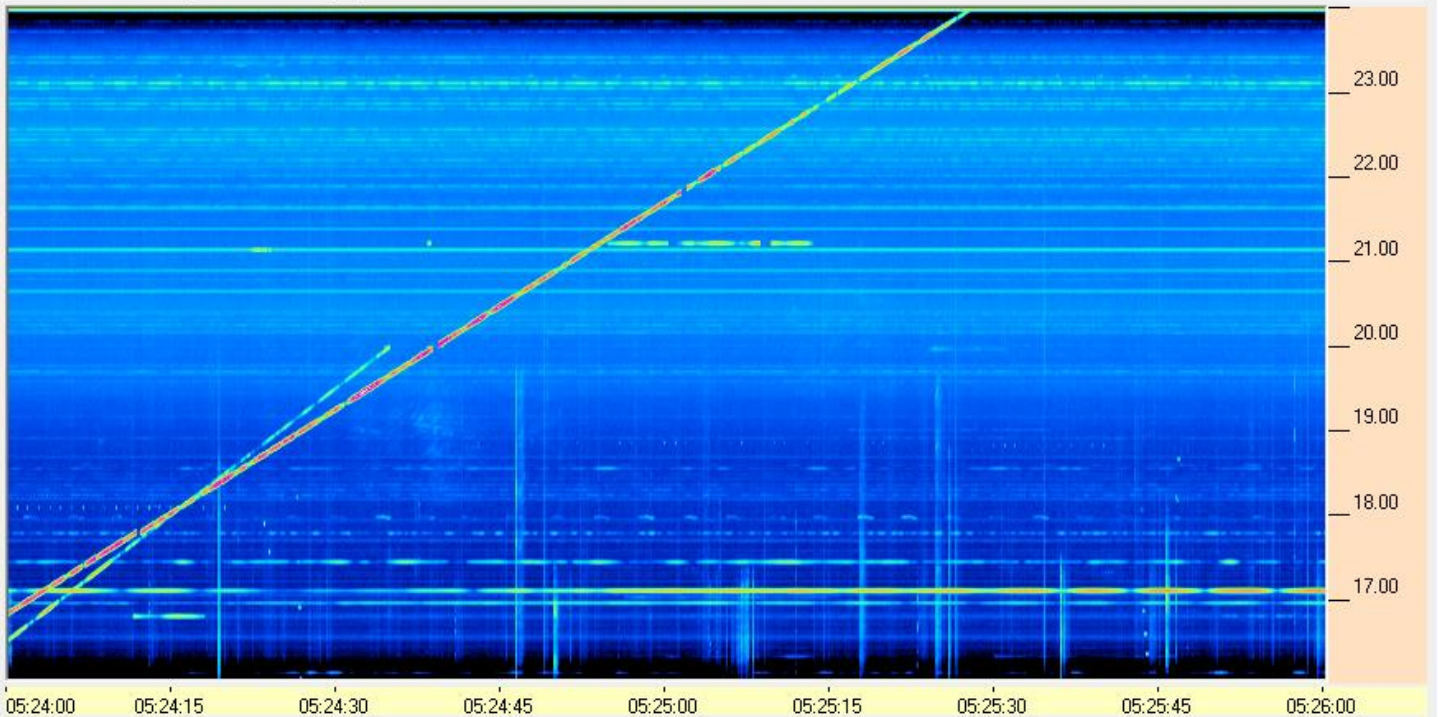
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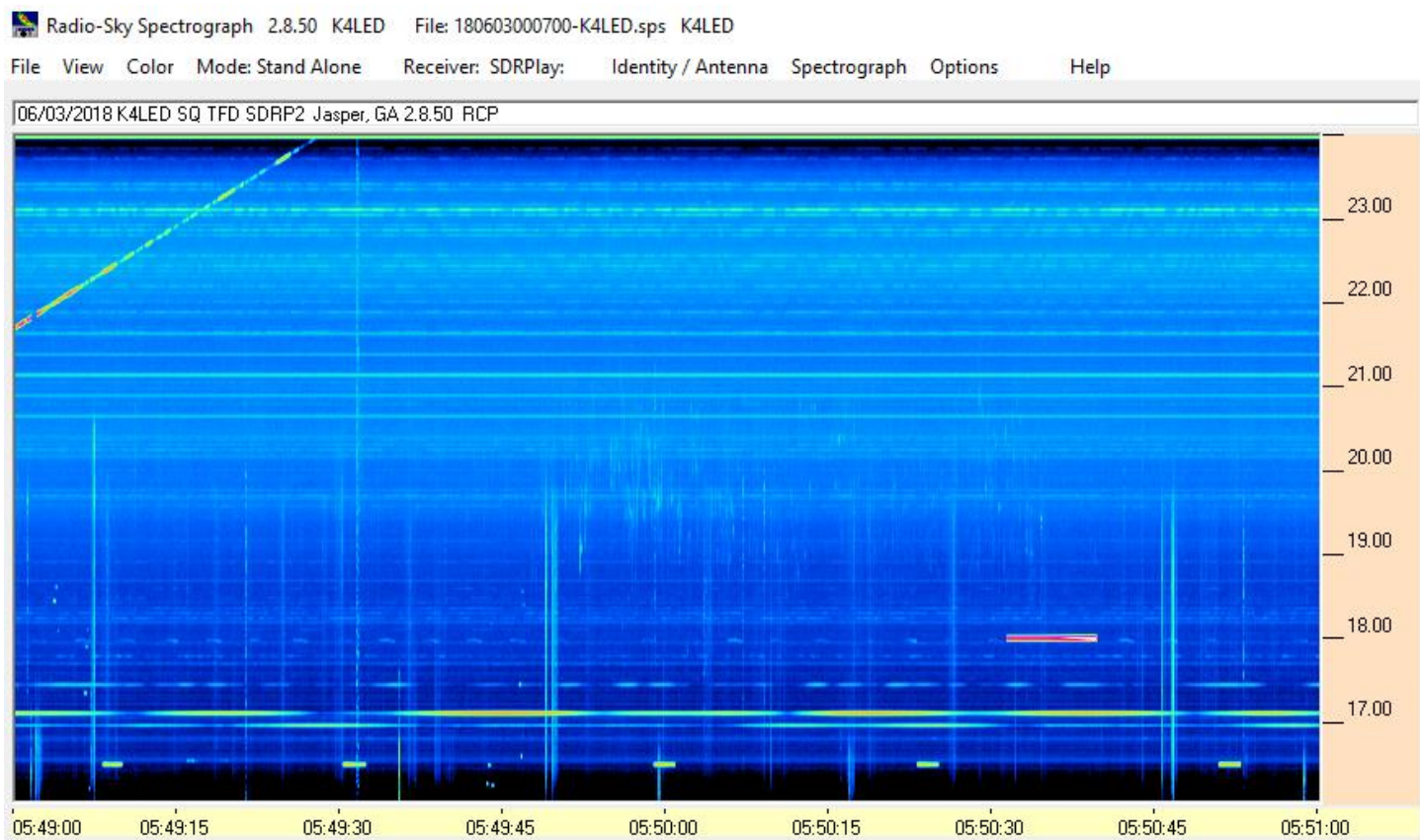
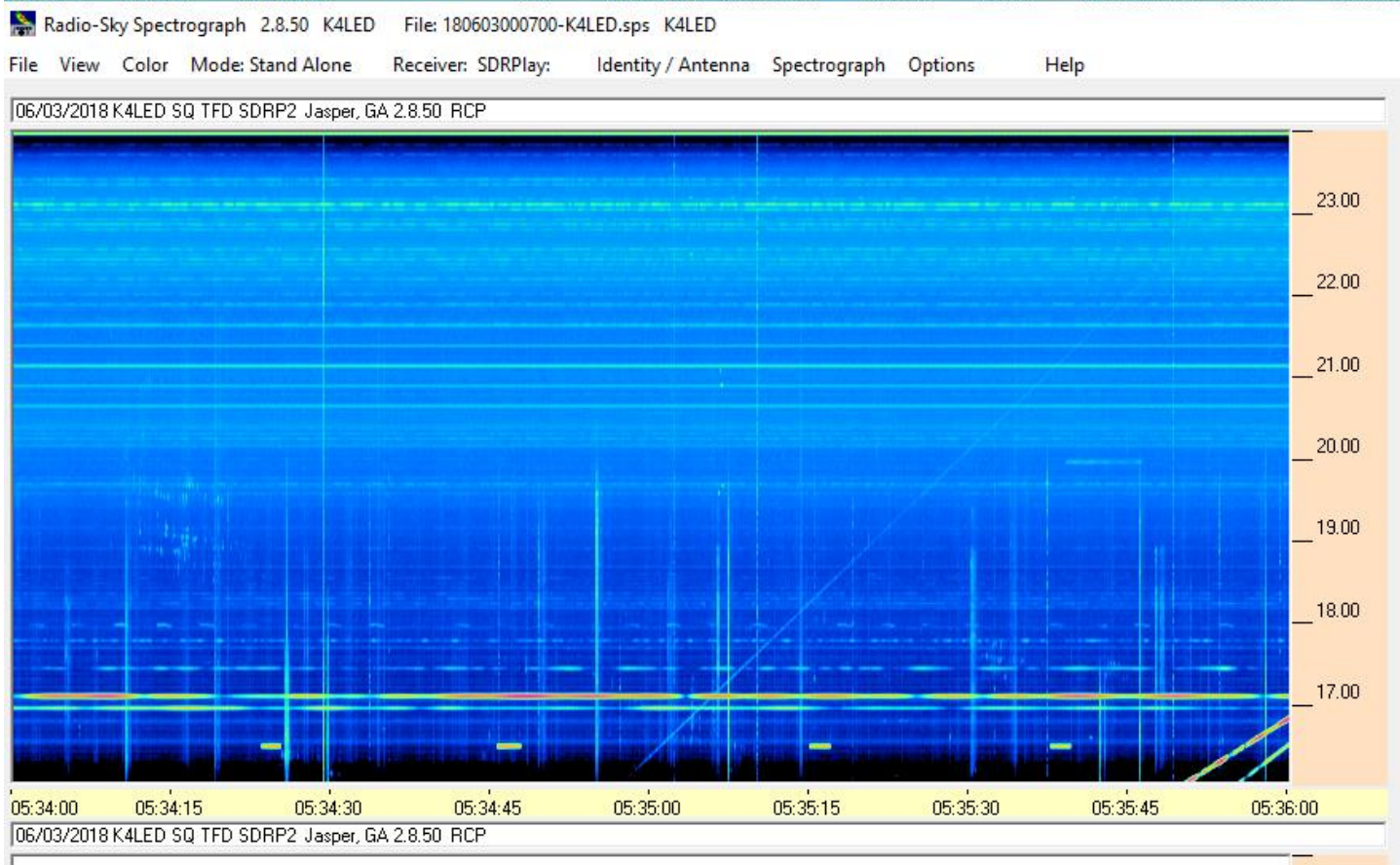


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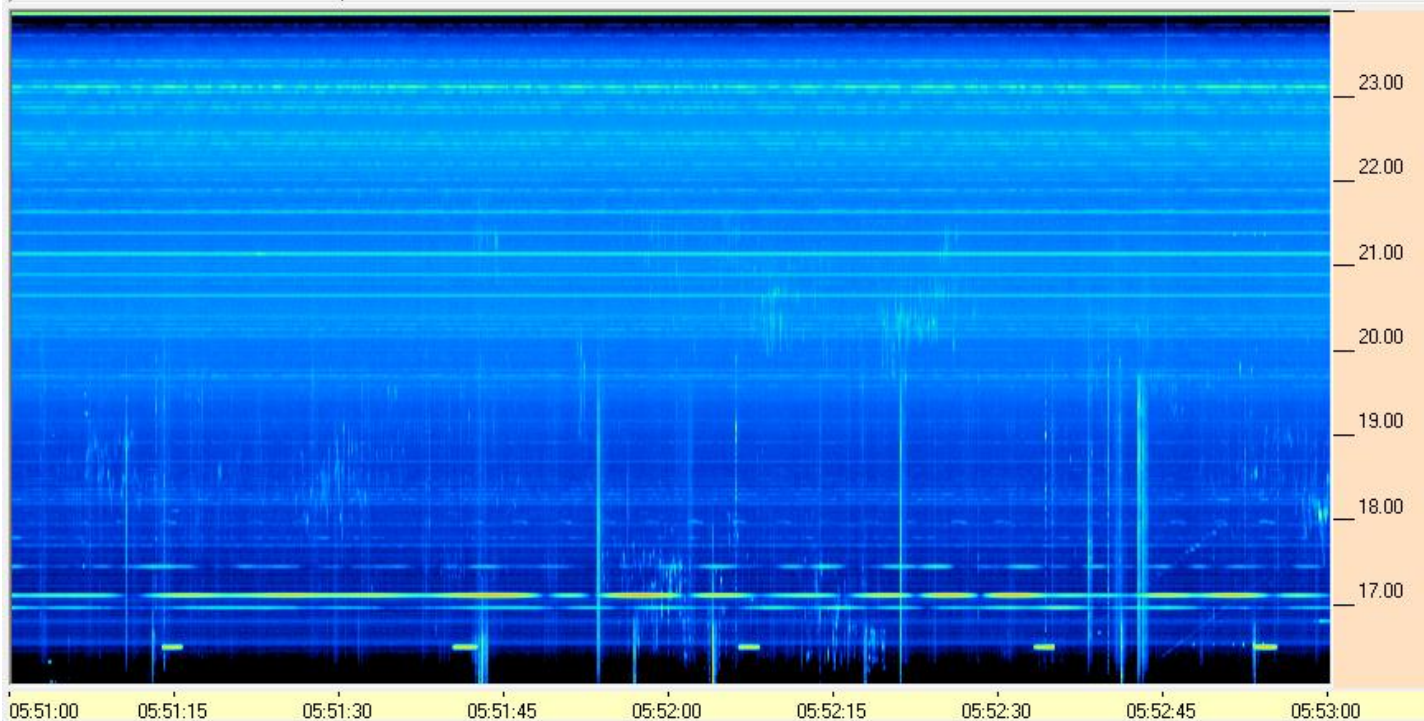
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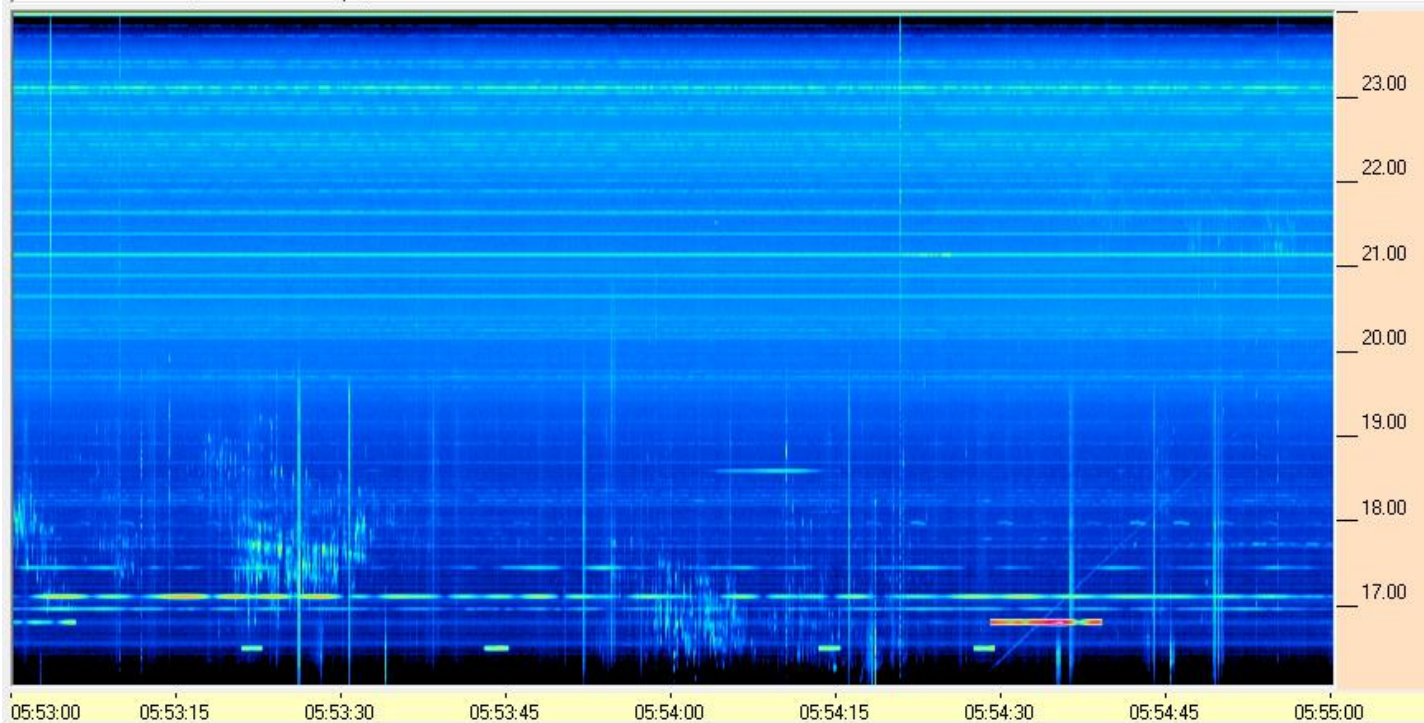


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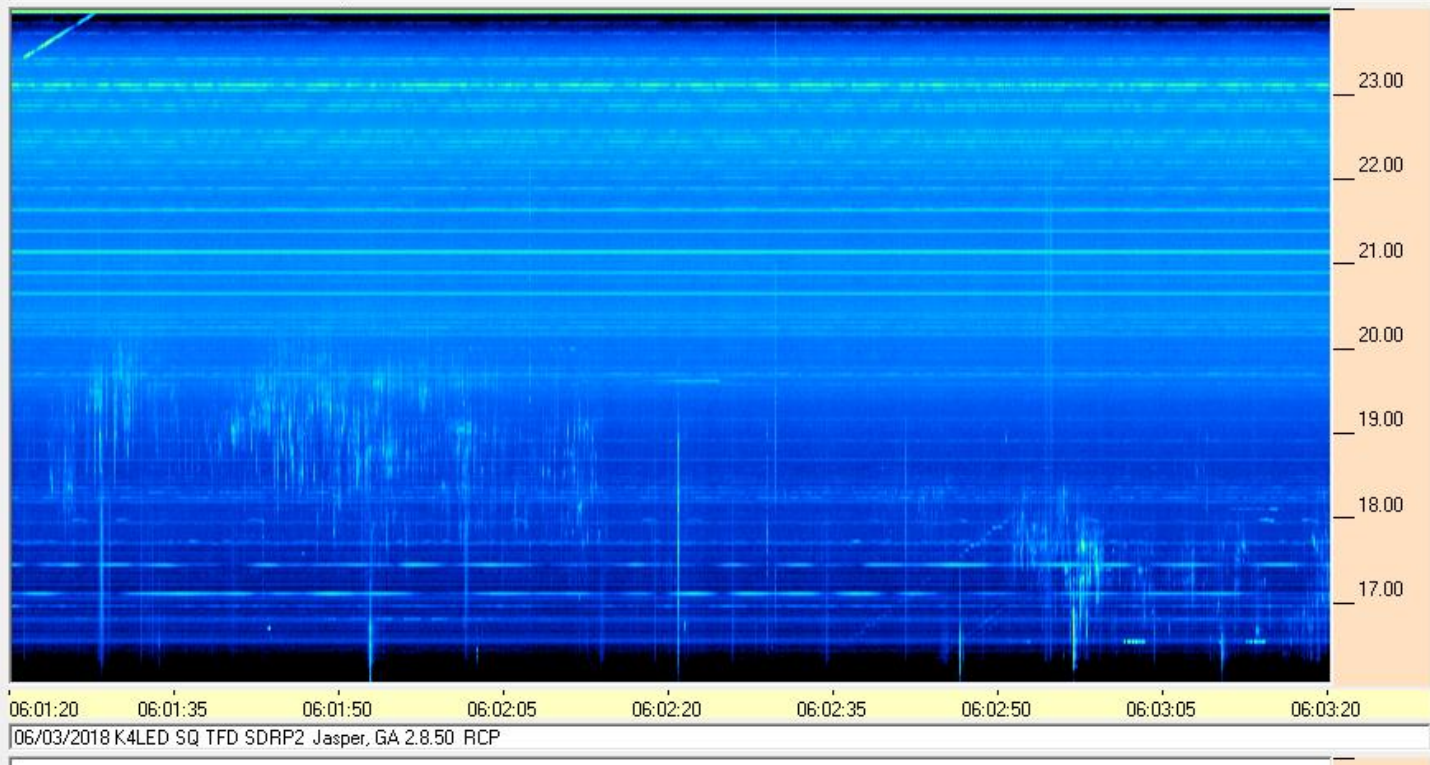
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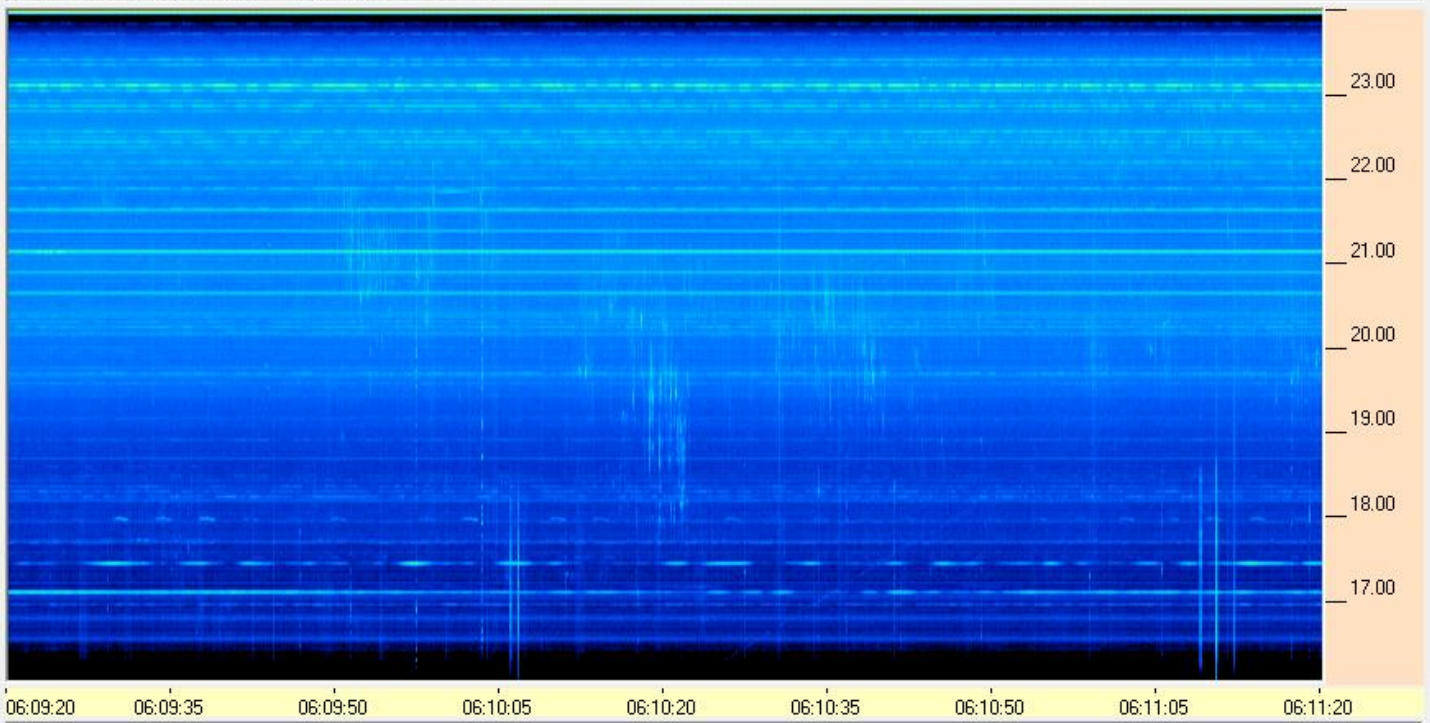


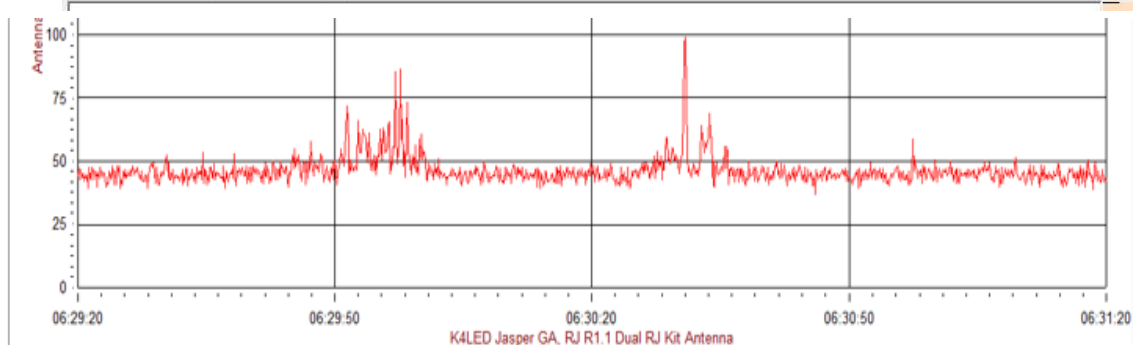
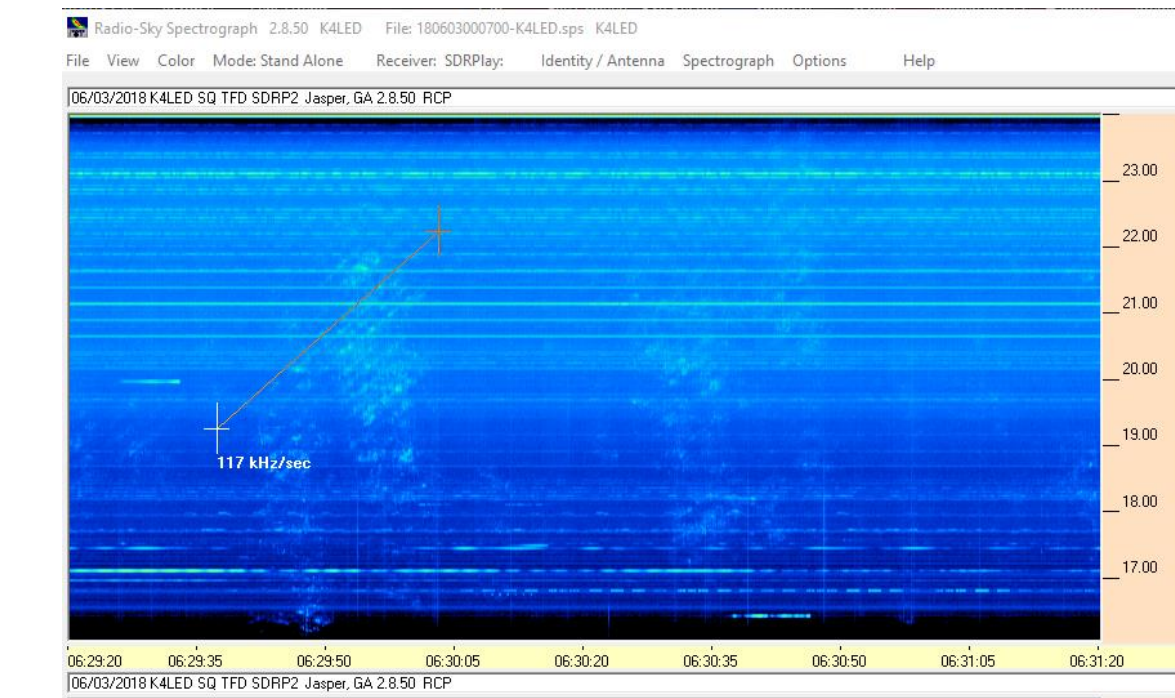
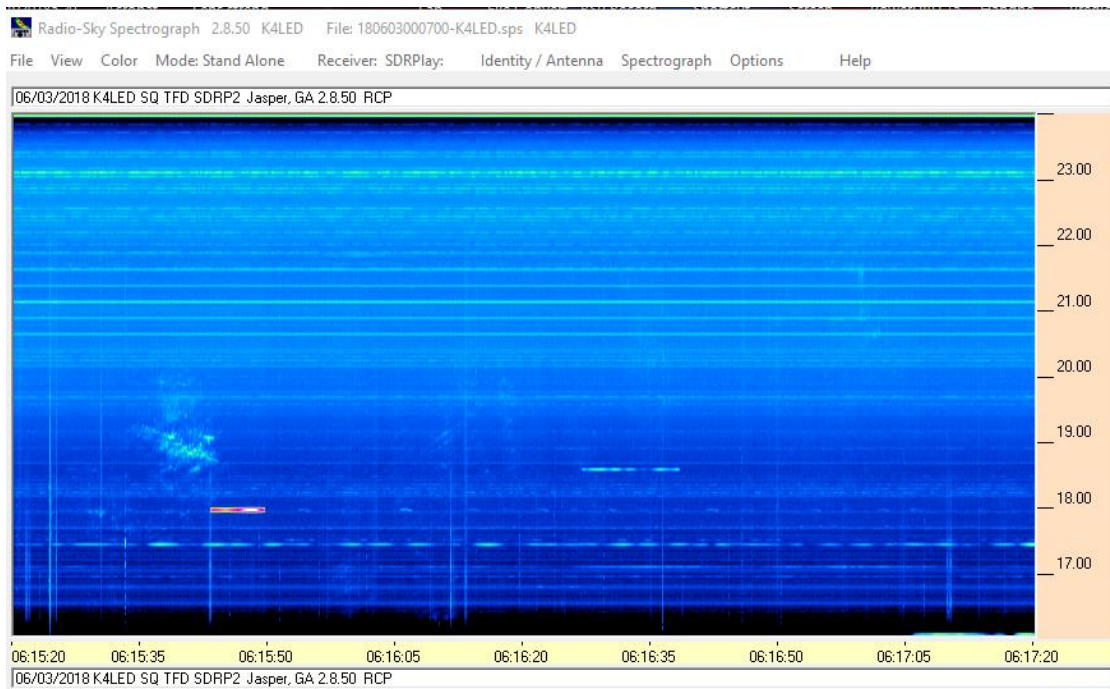
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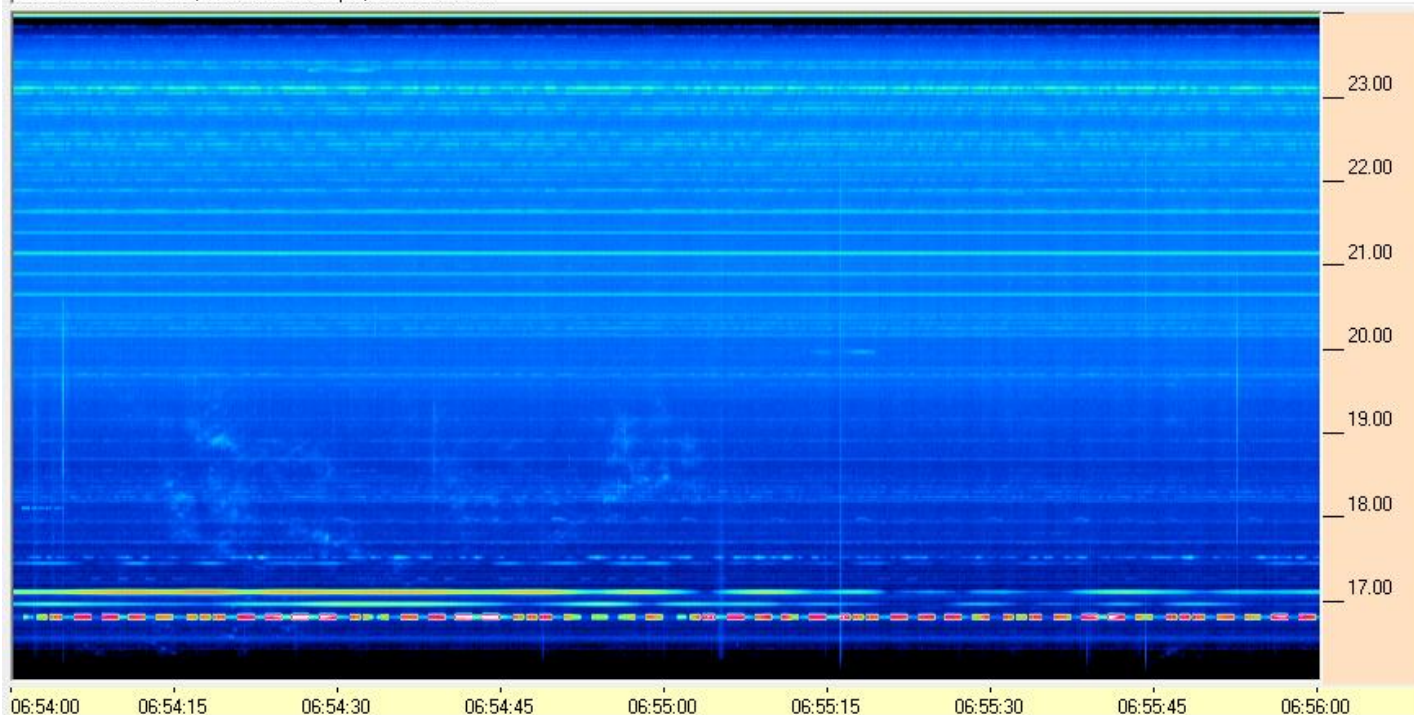


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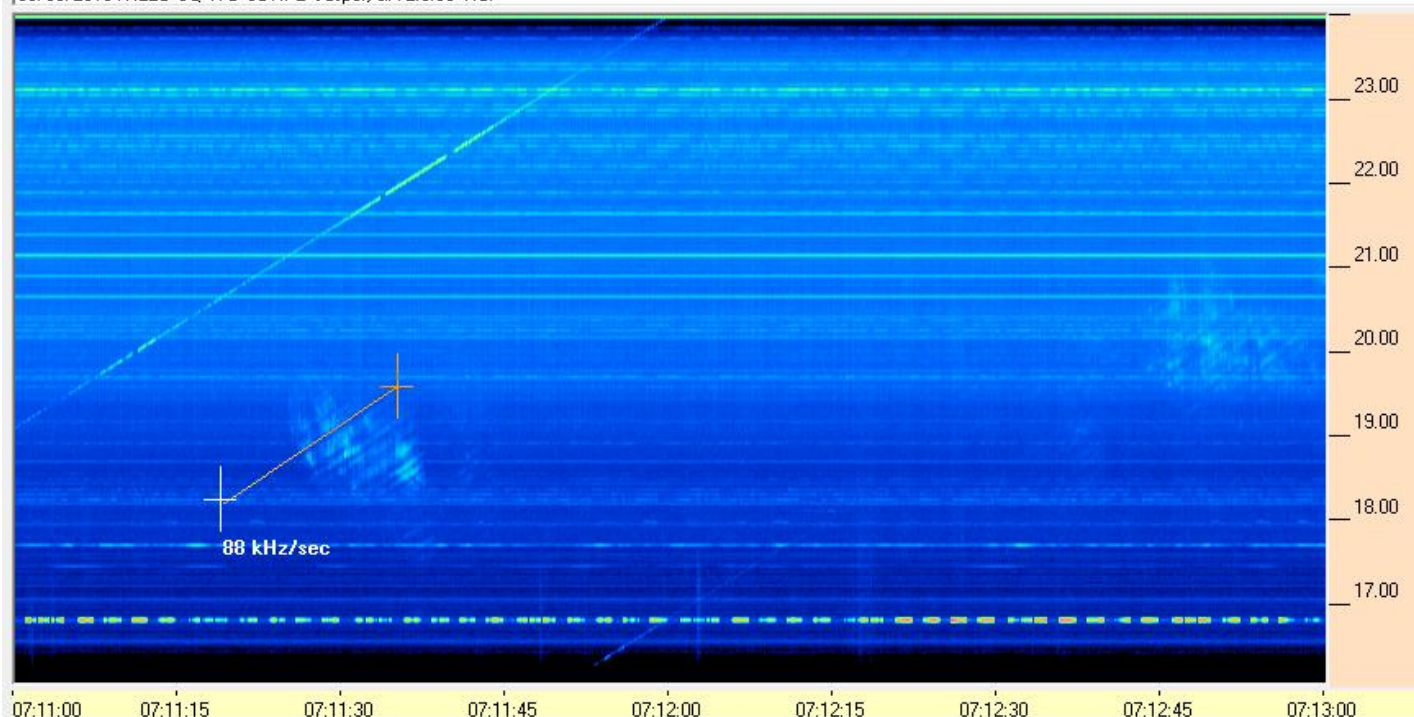


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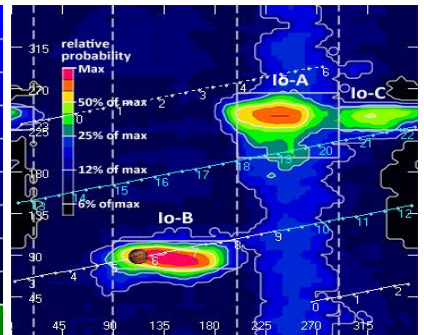
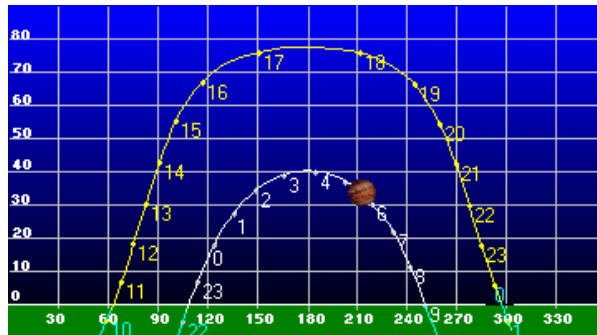
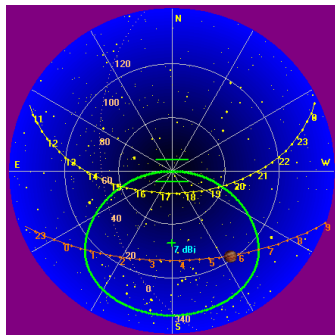


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Radio-Jupiter Pro 3.8.2 (GMT)

File Options Display Tools Window Help

YYYY MM DD
Date: 2018 06 03 cal

HH MM SS
Time: 05 41 04 GMT

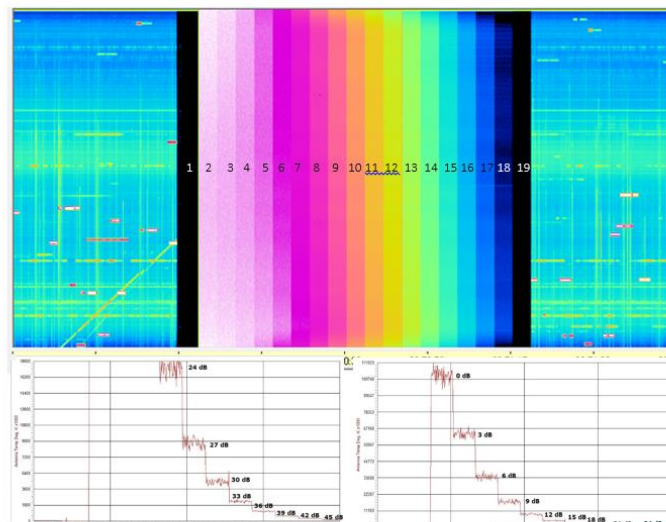
update

Using Fixed Time

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

Jupiter	Sun
ALT: 33.1	ALT: -33.4
AZ: 214.2	AZ: 003.6
HA: 01:57	HA: 12:13
Rise: 22:28	Rise: 10:25
Set: 09:02	Set: 00:34
RA: 14:53	RA: 04:37
DEC: -15:15	DEC: 22:04
CMIII: 112.65	
Io SGC: 087.65	LMST: 16:49:38

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

Rectangular Strip