

K4LED

Georgia Amateur Radio Astronomy Observatory

Observation Date: 07-29-2018, 21:0056:37 to 22:00:00 UTC

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

Object: Io-B

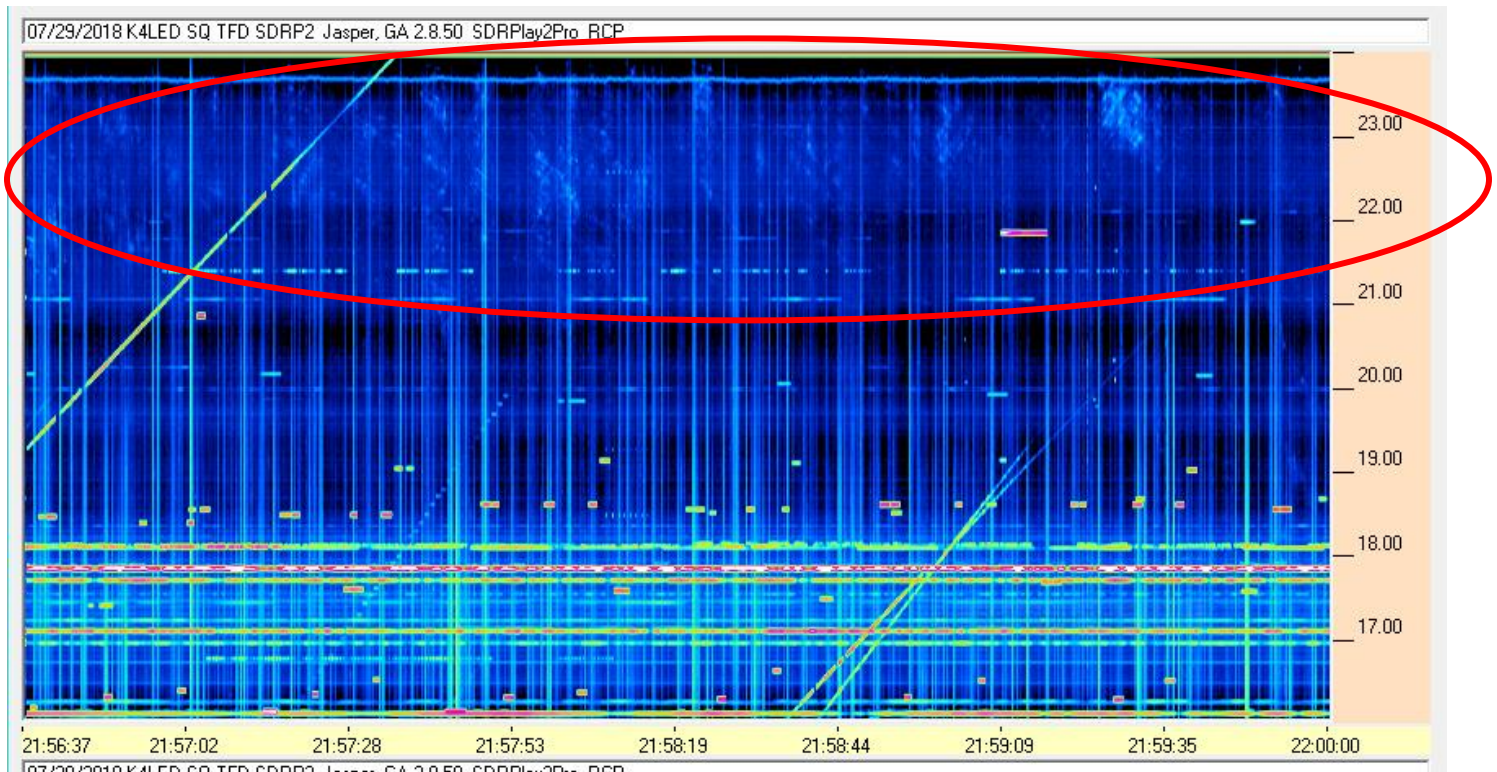
Observer: Larry E. Dodd

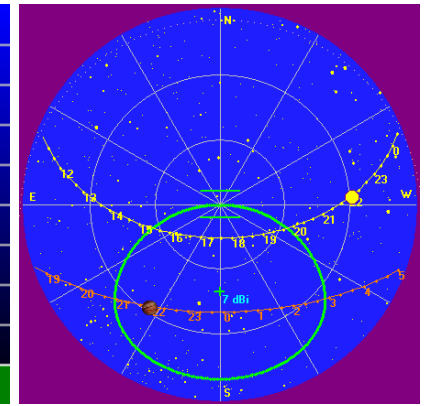
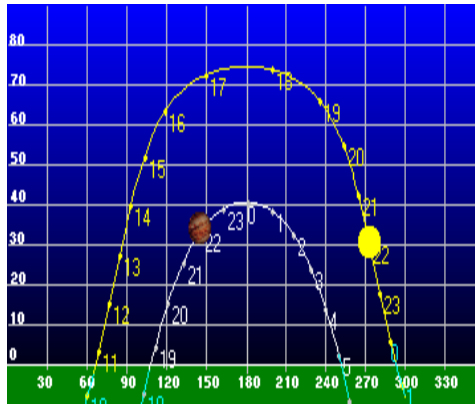
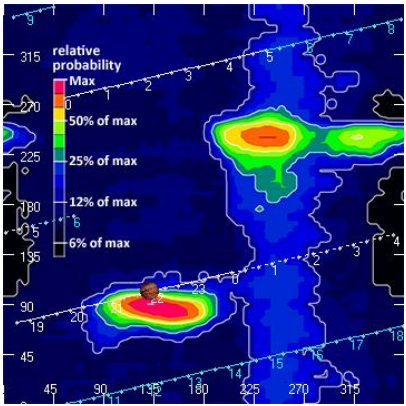
Receivers: FSX11, SDRPlay2PRO, RJ1.1

Software: SkypipeII 2.7.34, Spectrograph 2.8.50

Antennas: Radio Jove Dual Dipole Kit, Typinski Square TFD

Io-B





Radio-Jupiter Pro 3.8.2 (GMT)

File Options Display Tools Window Help

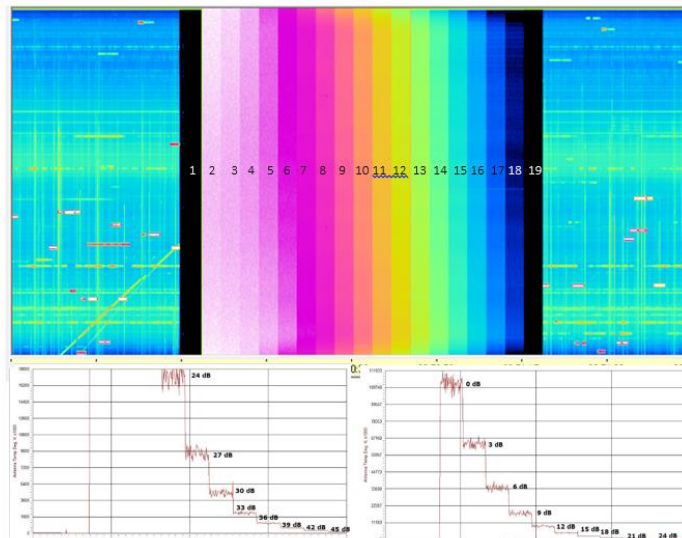
Date: 2018 07 29 cal
 Time: 21 59 00 GMT
 update
 Using Fixed Time
 Lat: 34:25:23.5
 Long: 84:29:38.8 W

Jupiter
 ALT: 33.6
 AZ: 146.2
 HA: -01:54
 Rise: 18:39
 Set: 05:15
 RA: 14:46
 DEC: -14:58
 CMIII: 131.87
 Io SGC: 101.58

Sun
 ALT: 30.5
 AZ: 273.2
 HA: 04:22
 Rise: 10:46
 Set: 00:35
 RA: 08:29
 DEC: 19:03

LMST: 12:51:02

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