Subject: [radiojove-data] 10 Sep 2014 Solar
From: Dave Typinski <davetyp@typnet.net>
Date: 09/11/2014 21:30
To: RadioJove-Data <radiojove-data@lists.nasa.gov>

Adding to Jim and Tom and John and Wes and Whit and Dick and Kevin and Stan's nice reports.....

After the hard-to-miss LCP-dominant Type II (slow drift) burst, the period between 1800 and 2200 UTC saw some Type IV (smooth continuum) emission that had an interesting slow modulation of polarization with frequency and time.

Just before the Type II, there is the start of a SID knockout of the galactic background and terrestrial propagation -- the HF band's reaction to the X-ray flare. The rest of the SID is masked by the Type II burst.
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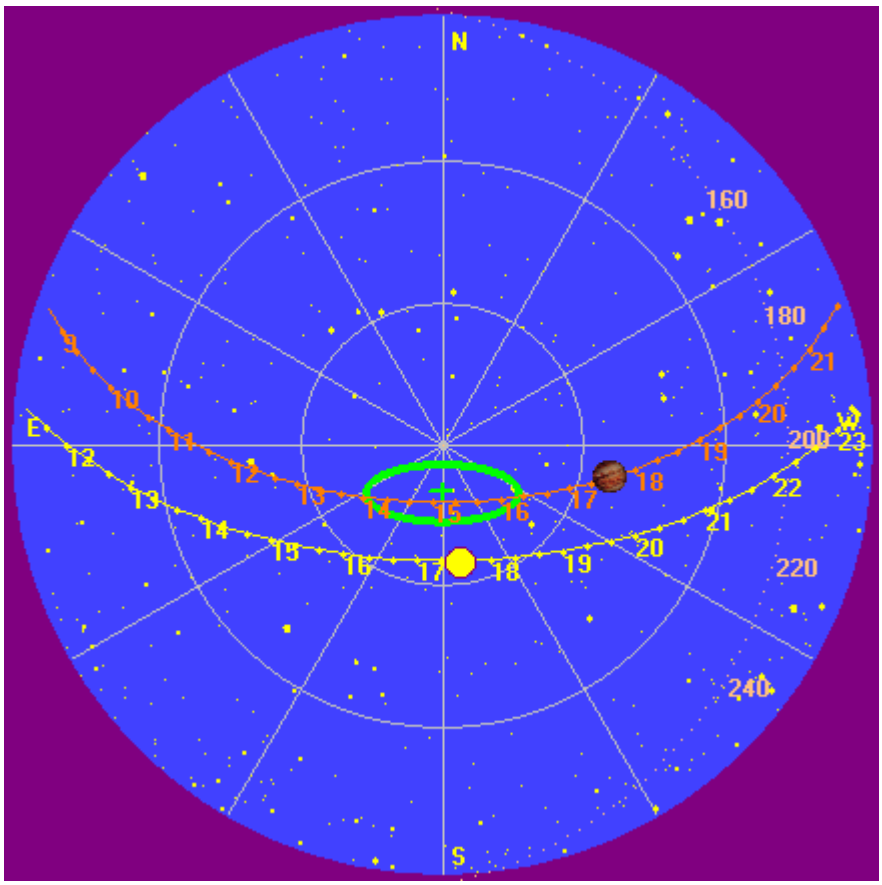
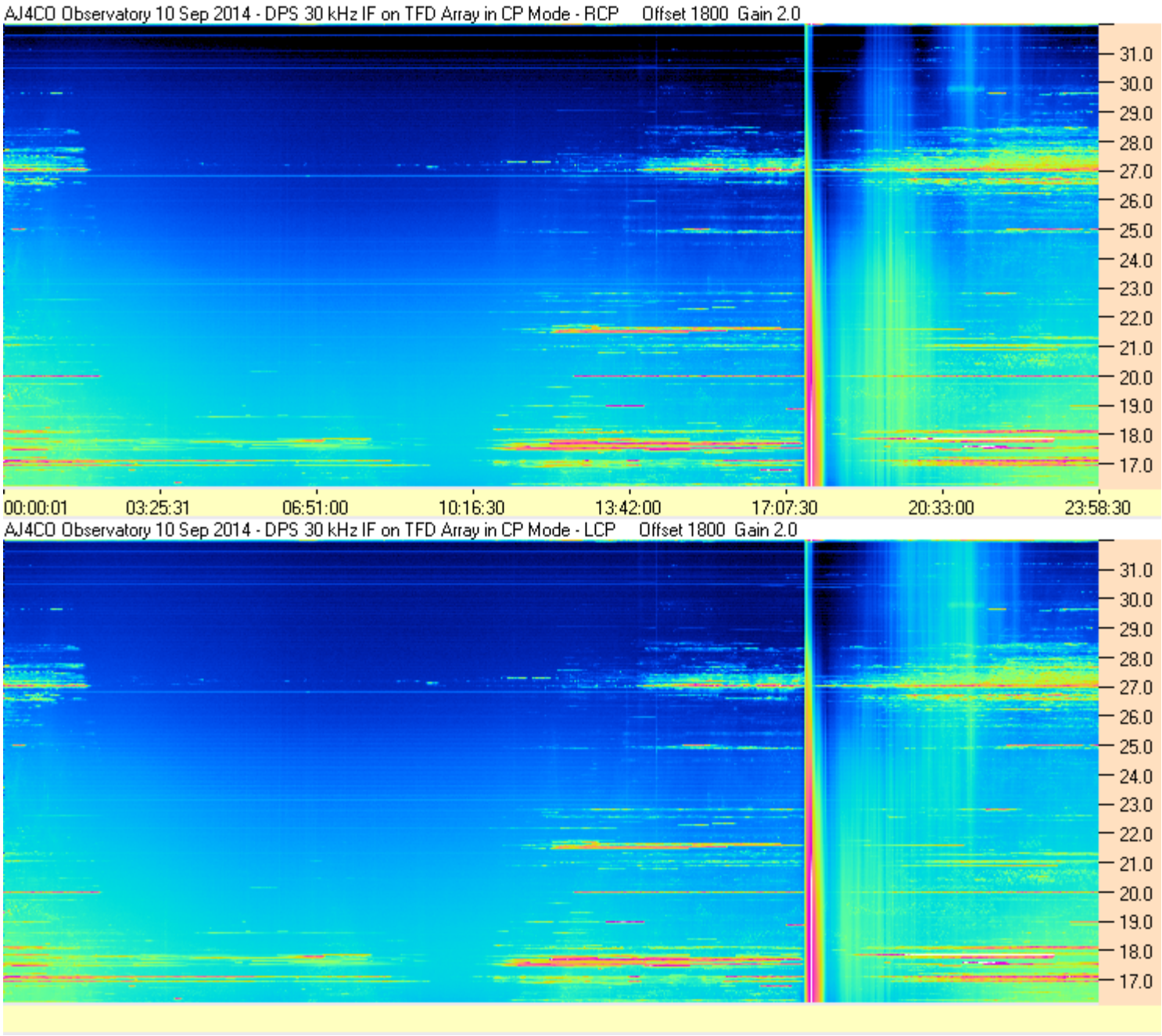
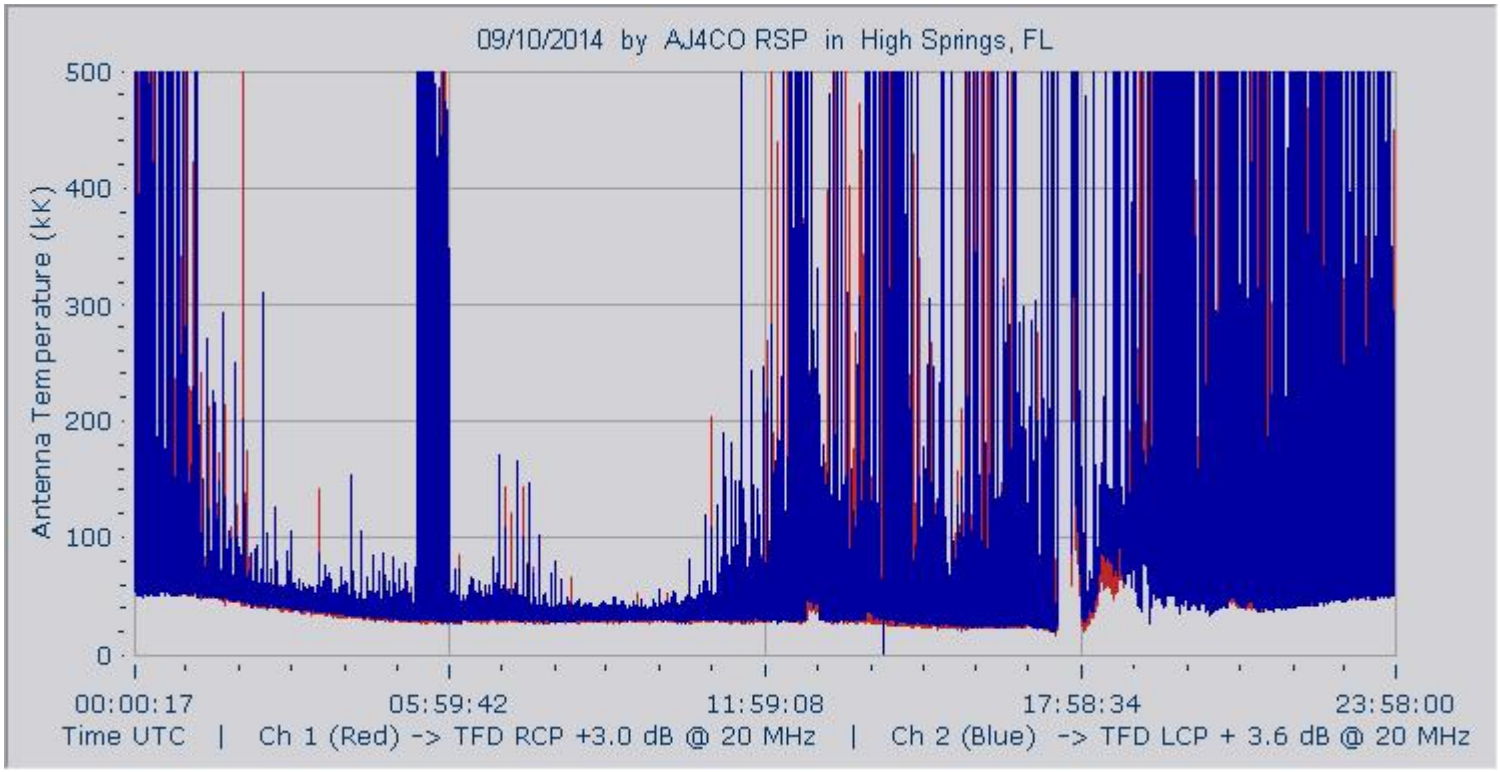
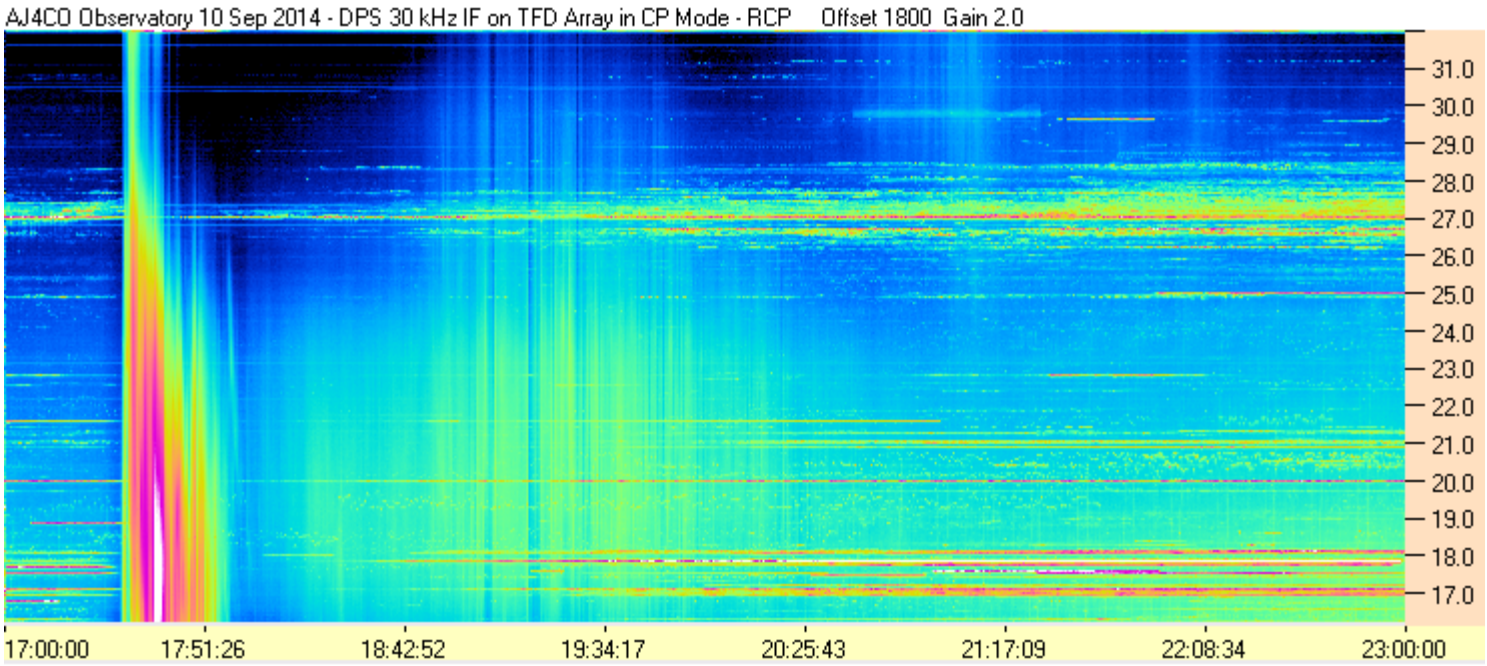
Dave

AJ4CO Observatory 10 Sep 2014




AJ4CO Observatory 10 Sep 2014 - DPS 30 kHz IF on TFD Array in CP Mode - RCP Offset 1800 Gain 2.0
31.0
30.0
29.0
28.0
27.0
26.0
25.0
24.0
23.0
22.0
21.0
20.0
19.0
18.0
17.0
00:00:01
03:25:31
06:51:00
10:16:30
13:42:00
17:07:30
20:33:00
23:58:30
AJ4CO Observatory 10 Sep 2014 - DPS 30 kHz IF on TFD Array in CP Mode - LCP Offset 1800 Gain 2.0
31.0
30.0
29.0
28.0
27.0
26.0
25.0
24.0
23.0
22.0
21.0
20.0
19.0
18.0
17.0


09/10/2014 by AJ4CO RSP in High Springs, FL
Antenna Temperature (kK)
500
400
300
200
100
0
00:00:17
05:59:42
11:59:08
17:58:34
23:58:00
Time UTC | Ch 1 (Red) -> TFD RCP +3.0 dB @ 20 MHz | Ch 2 (Blue) -> TFD LCP + 3.6 dB @ 20 MHz


AJ4CO Observatory 10 Sep 2014 - DPS 30 kHz IF on TFD Array in CP Mode - RCP Offset 1800 Gain 2.0
31.0
30.0
29.0
28.0
27.0
26.0
25.0
24.0
23.0
22.0
21.0
20.0
19.0
18.0
17.0
17:00:00
17:51:26
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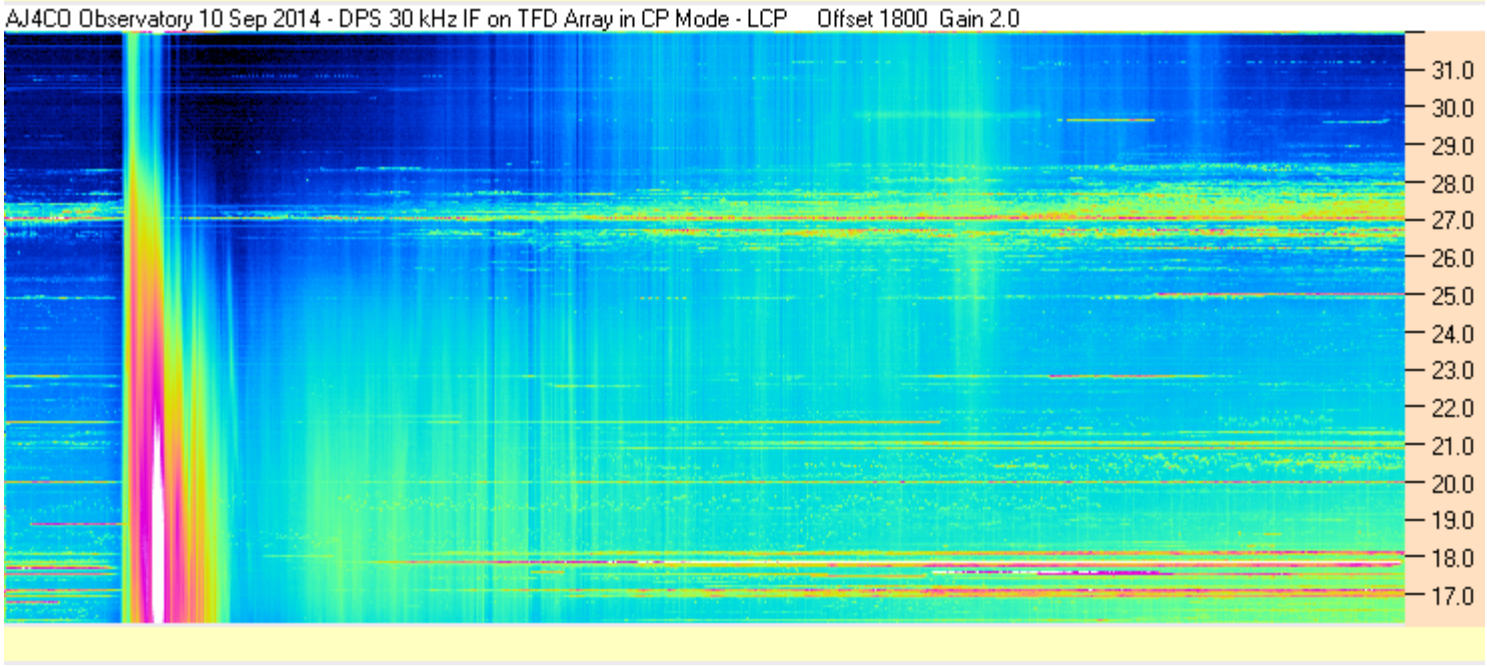
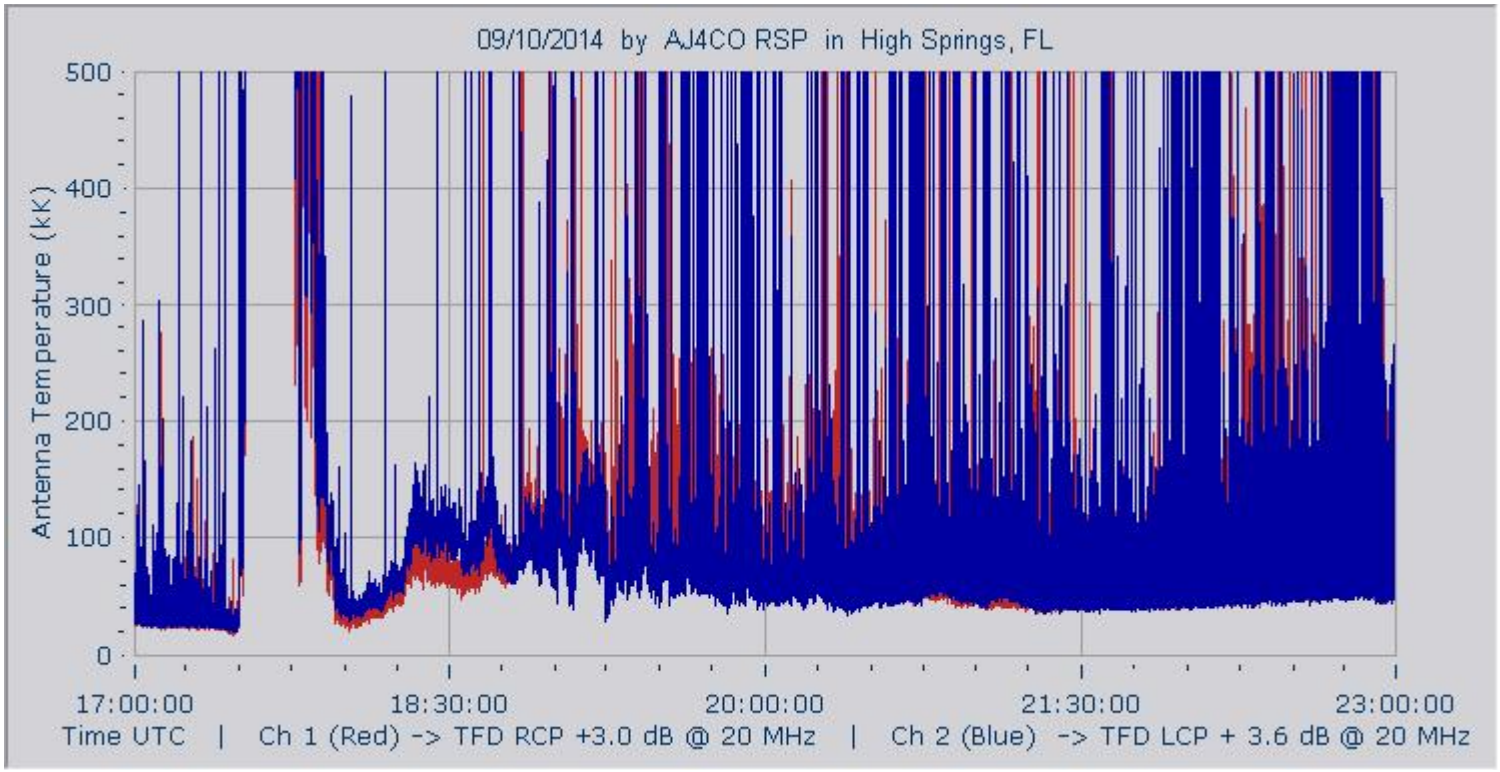
20:25:43
21:17:09
22:08:34
23:00:00


AJ4CO Observatory 10 Sep 2014 - DPS 30 kHz IF on TFD Array in CP Mode - LCP Offset 1800 Gain 2.0
31.0
30.0
29.0
28.0
27.0
26.0
25.0
24.0
23.0
22.0
21.0
20.0
19.0
18.0
17.0


09/10/2014 by AJ4CO RSP in High Springs, FL
Antenna Temperature (kK)
500
400
300
200
100
0
17:00:00
18:30:00
20:00:00
21:30:00
23:00:00
Time UTC | Ch 1 (Red) -> TFD RCP +3.0 dB @ 20 MHz | Ch 2 (Blue) -> TFD LCP + 3.6 dB @ 20 MHz

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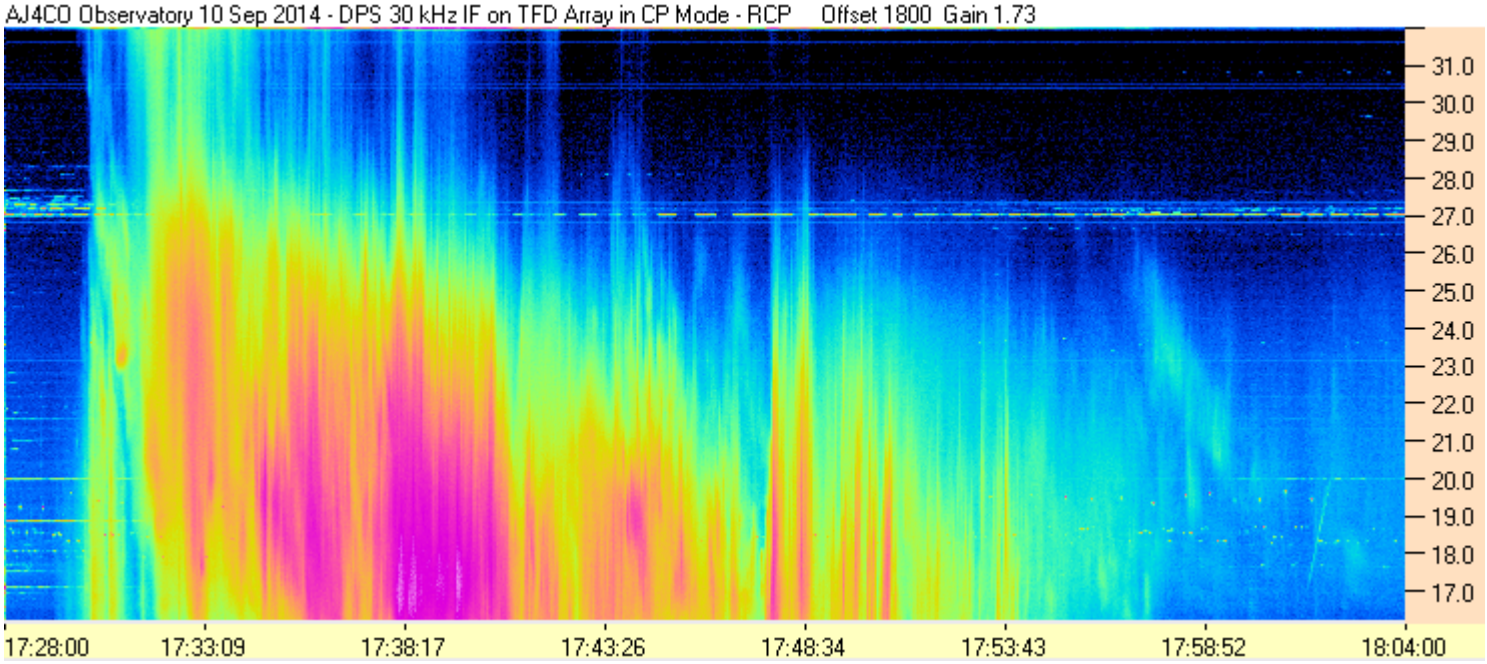
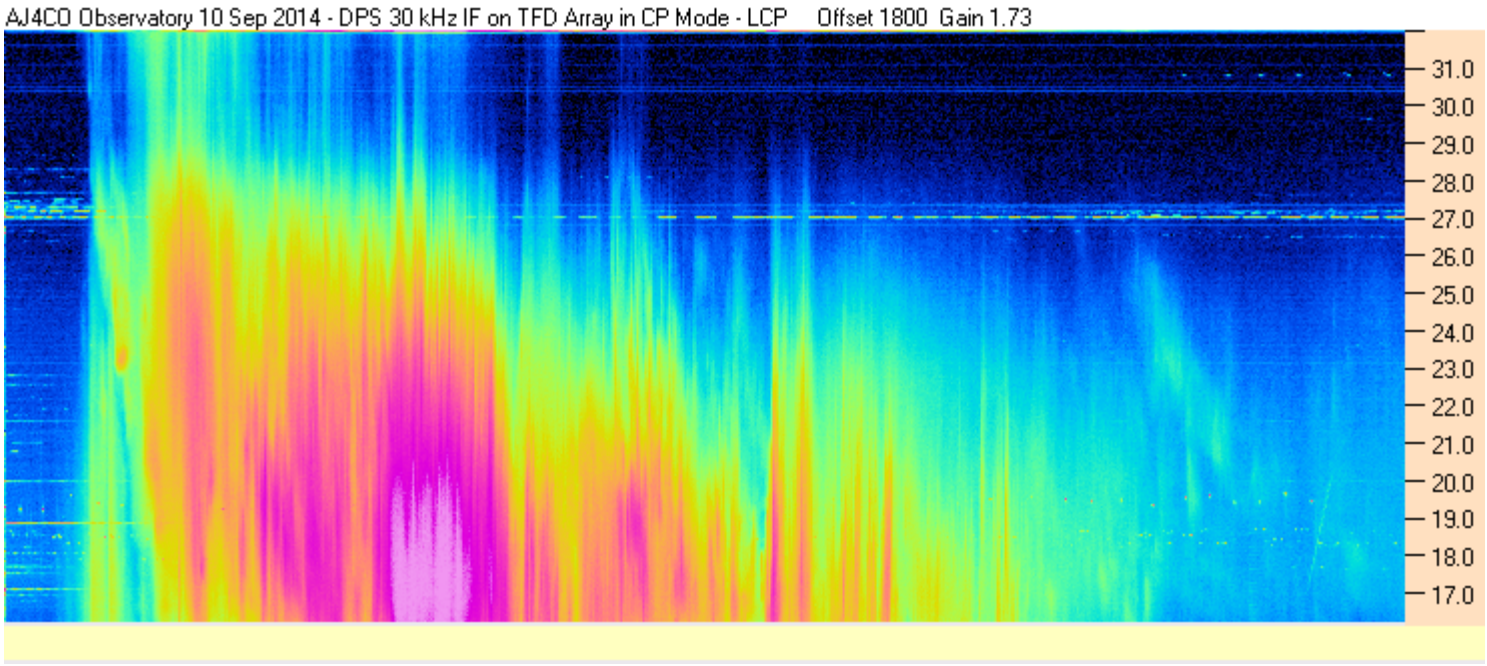

AJ4CO Observatory 10 Sep 2014 - DPS 30 kHz IF on TFD Array in CP Mode - RCP Offset 1800 Gain 1.73
31.0
30.0
29.0
28.0
27.0
26.0
25.0
24.0
23.0
22.0
21.0
20.0
19.0
18.0
17.0
17:28:00
17:33:09
17:38:17
17:43:26
17:48:34
17:53:43
17:58:52
18:04:00


AJ4CO Observatory 10 Sep 2014 - DPS 30 kHz IF on TFD Array in CP Mode - LCP Offset 1800 Gain 1.73
31.0
30.0
29.0
28.0
27.0
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25.0
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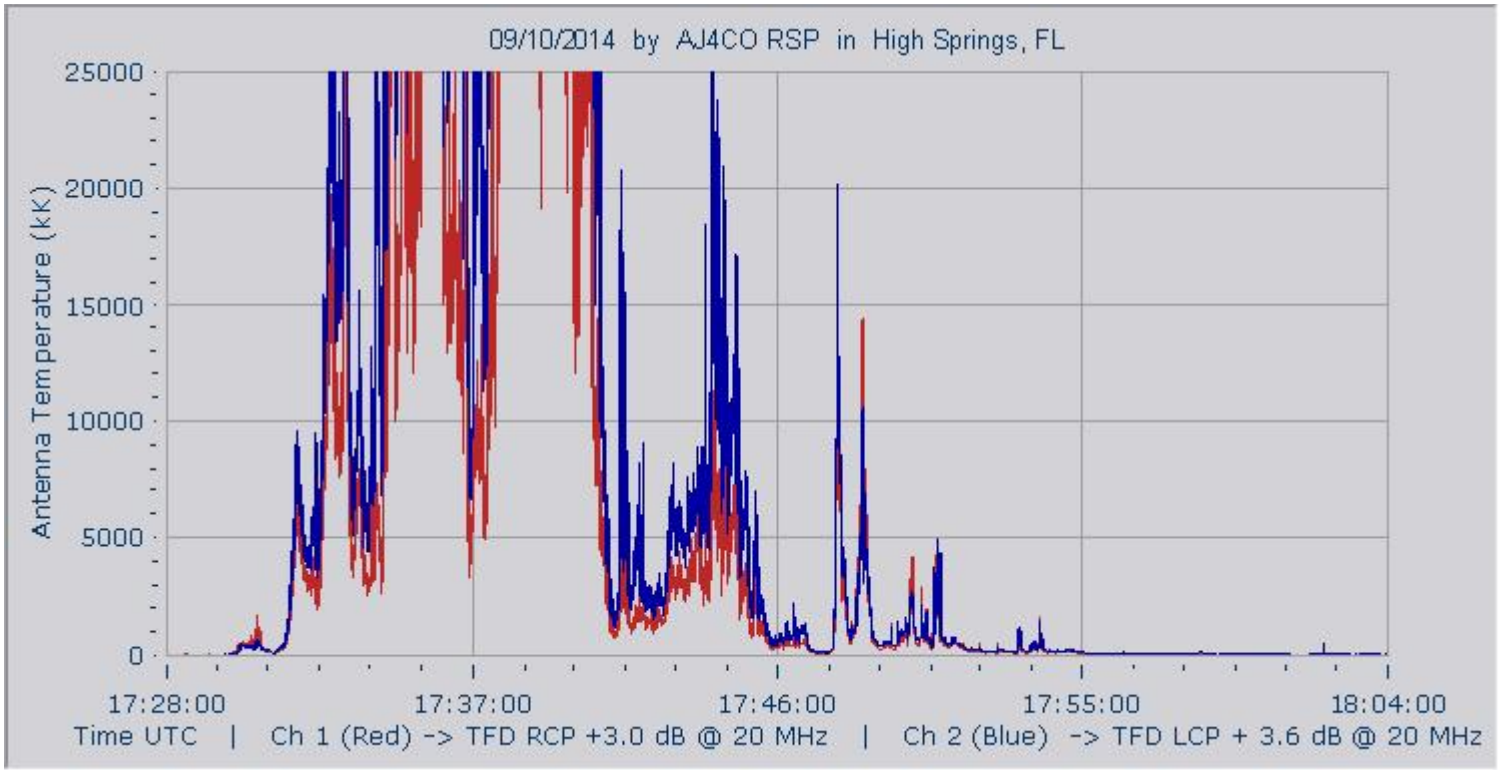
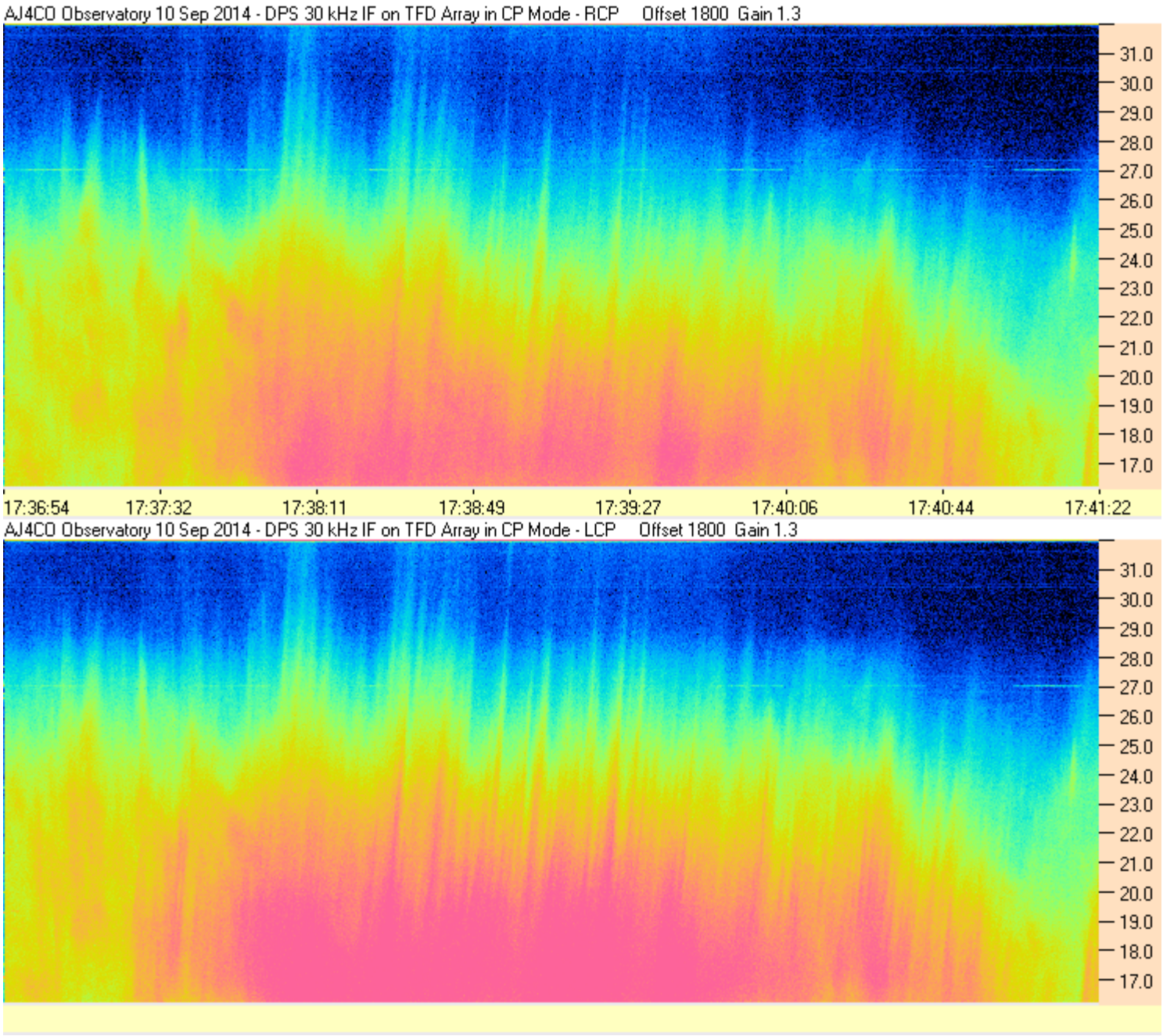
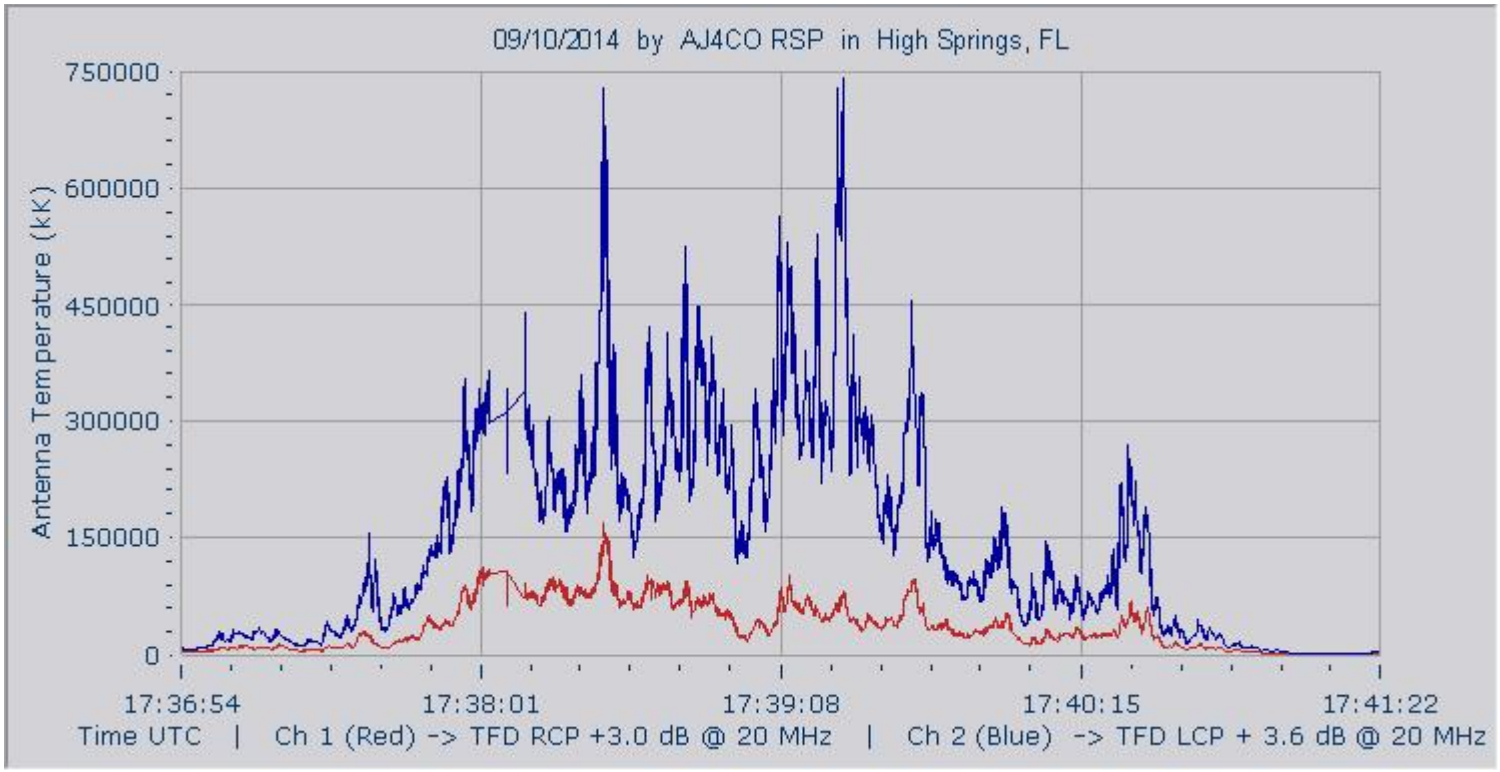
22.0
21.0
20.0
19.0
18.0
17.0


09/10/2014 by AJ4CO RSP in High Springs, FL
Antenna Temperature (kK)
25000
20000
15000
10000
5000
0
17:28:00
17:37:00
17:46:00
17:55:00
18:04:00
Time UTC | Ch 1 (Red) -> TFD RCP +3.0 dB @ 20 MHz | Ch 2 (Blue) -> TFD LCP + 3.6 dB @ 20 MHz


AJ4CO Observatory 10 Sep 2014 - DPS 30 kHz IF on TFD Array in CP Mode - RCP Offset 1800 Gain 1.3
31.0
30.0
29.0
28.0
27.0
26.0
25.0
24.0
23.0
22.0
21.0
20.0
19.0
18.0
17.0
17:36:54
17:37:32
17:38:11
17:38:49
17:39:27
17:40:06
17:40:44
17:41:22
AJ4CO Observatory 10 Sep 2014 - DPS 30 kHz IF on TFD Array in CP Mode - LCP Offset 1800 Gain 1.3
31.0
30.0
29.0
28.0
27.0
26.0
25.0
24.0
23.0
22.0
21.0
20.0
19.0
18.0
17.0


09/10/2014 by AJ4CO RSP in High Springs, FL
Antenna Temperature (kK)
750000
600000
450000
300000
150000
0
17:36:54
17:38:01
17:39:08
17:40:15
17:41:22
Time UTC | Ch 1 (Red) -> TFD RCP +3.0 dB @ 20 MHz | Ch 2 (Blue) -> TFD LCP + 3.6 dB @ 20 MHz

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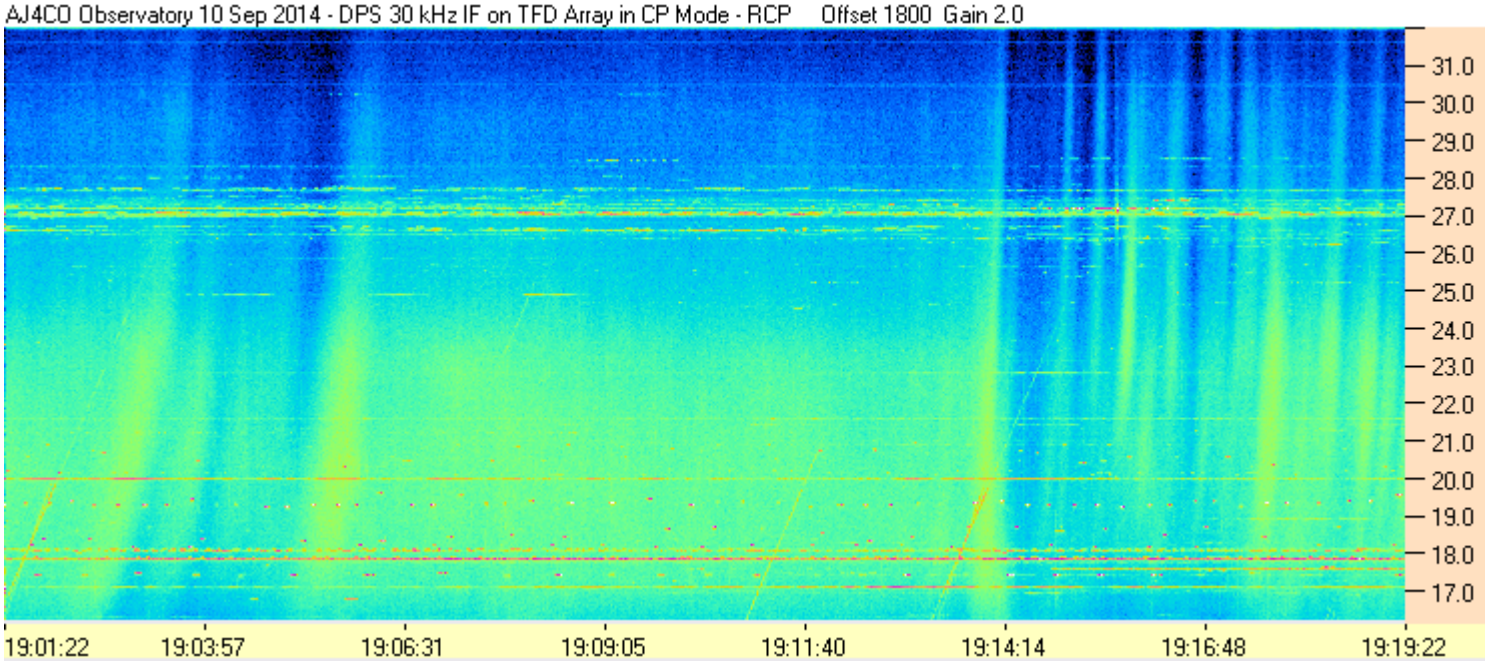
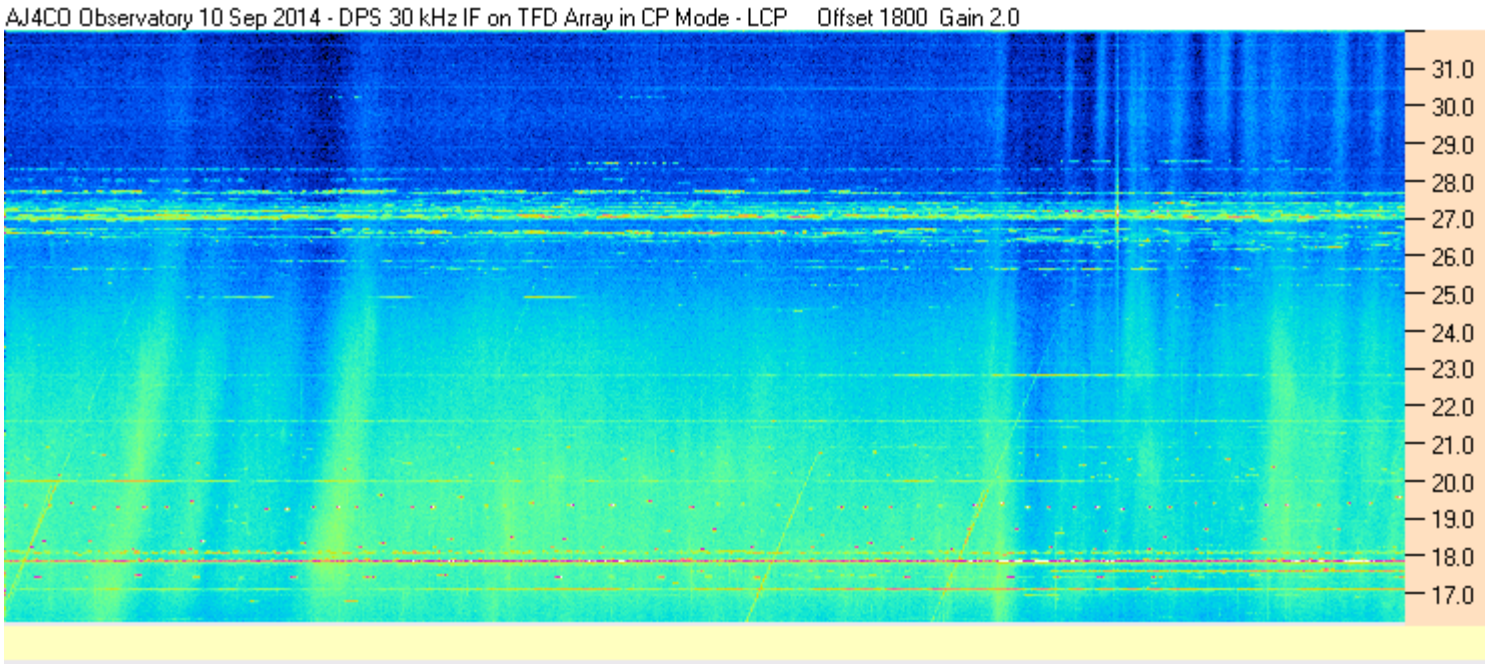

AJ4CO Observatory 10 Sep 2014 - DPS 30 kHz IF on TFD Array in CP Mode - RCP Offset 1800 Gain 2.0
31.0
30.0
29.0
28.0
27.0
26.0
25.0
24.0
23.0
22.0
21.0
20.0
19.0
18.0
17.0
19:01:22
19:03:57
19:06:31
19:09:05
19:11:40
19:14:14
19:16:48
19:19:22


AJ4CO Observatory 10 Sep 2014 - DPS 30 kHz IF on TFD Array in CP Mode - LCP Offset 1800 Gain 2.0
31.0
30.0
29.0
28.0
27.0
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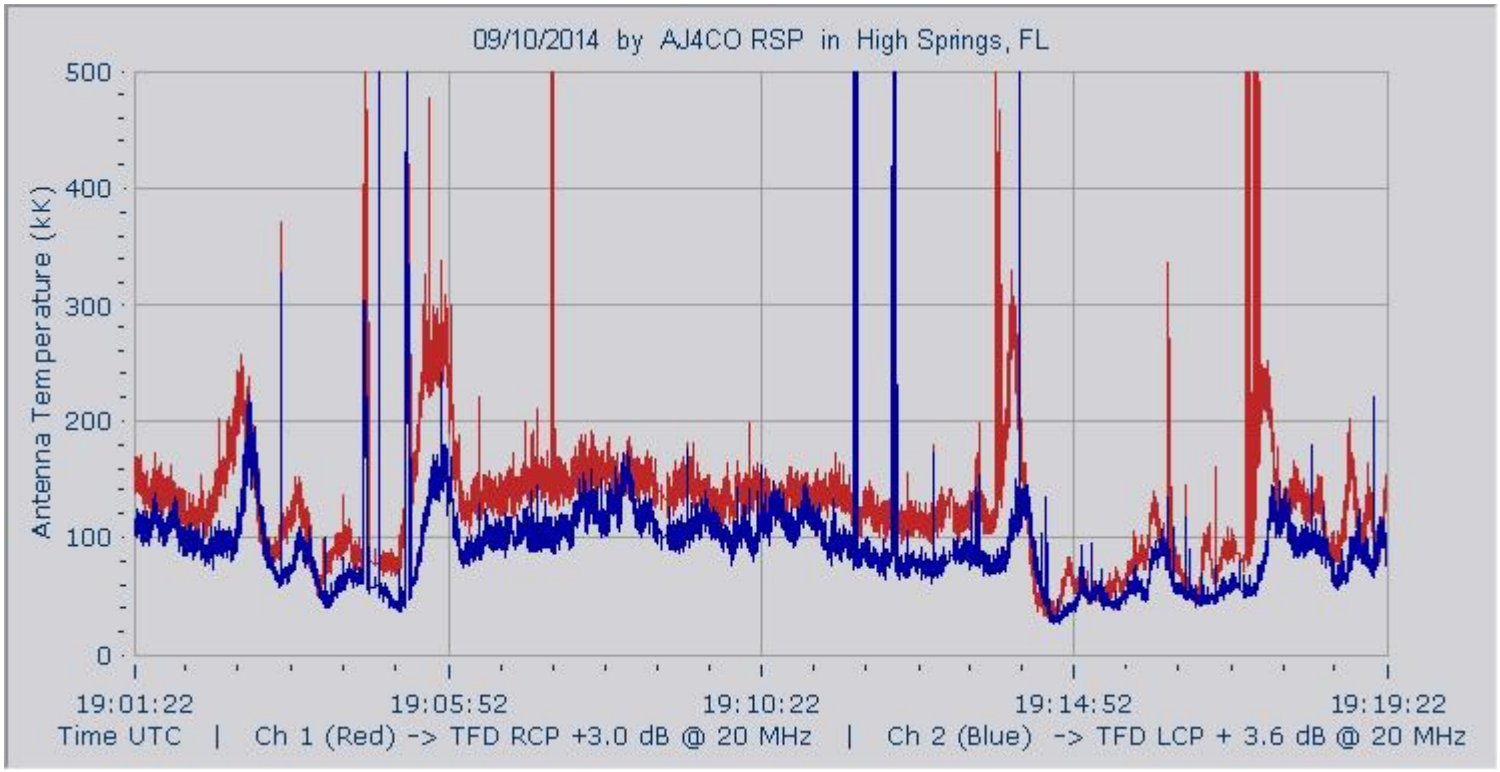
24.0
23.0
22.0
21.0
20.0
19.0
18.0
17.0


09/10/2014 by AJ4CO RSP in High Springs, FL
Antenna Temperature (kK)
500
400
300
200
100
0
19:01:22
19:05:52
19:10:22
19:14:52
19:19:22
Time UTC | Ch 1 (Red) -> TFD RCP +3.0 dB @ 20 MHz | Ch 2 (Blue) -> TFD LCP + 3.6 dB @ 20 MHz