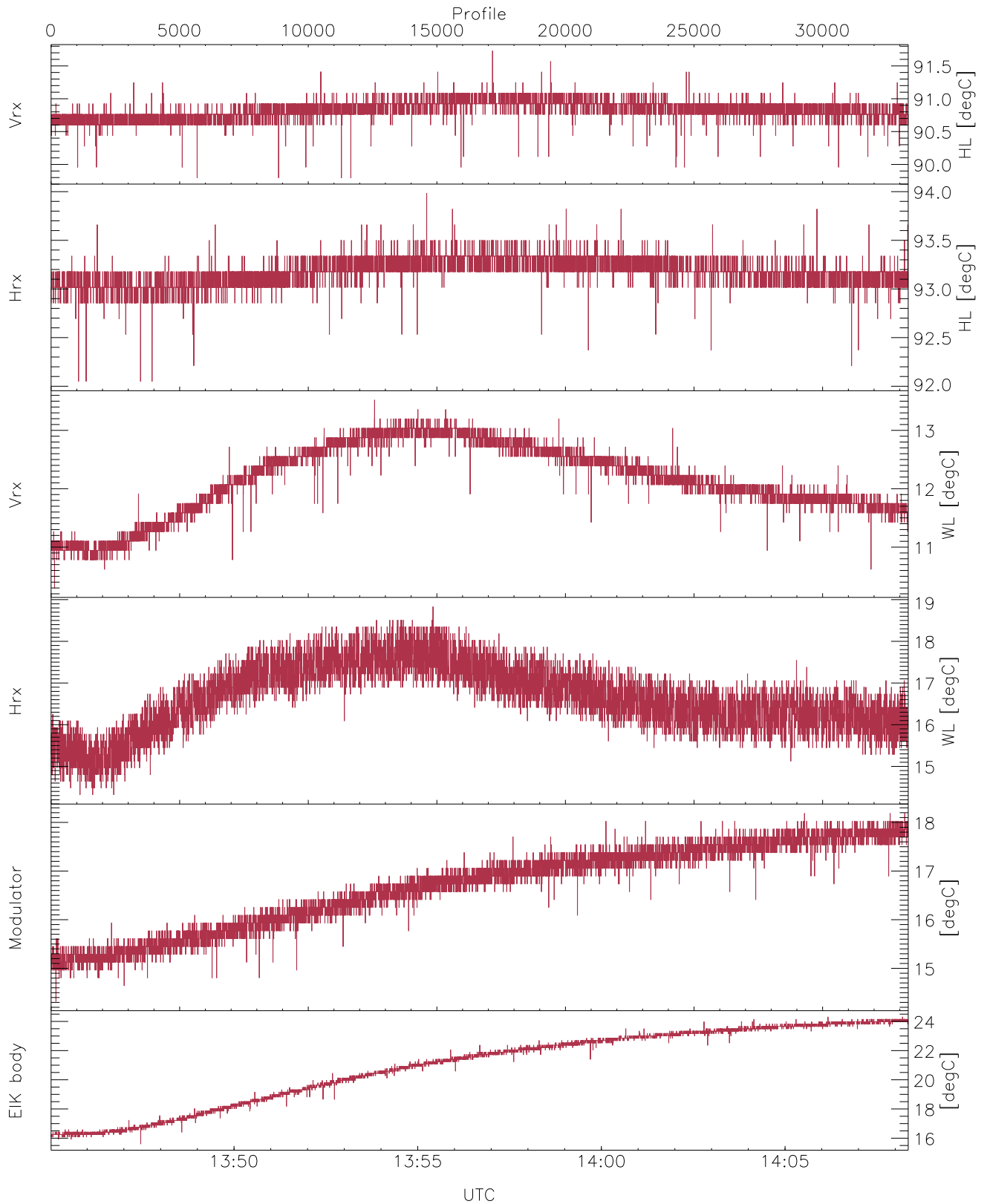


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

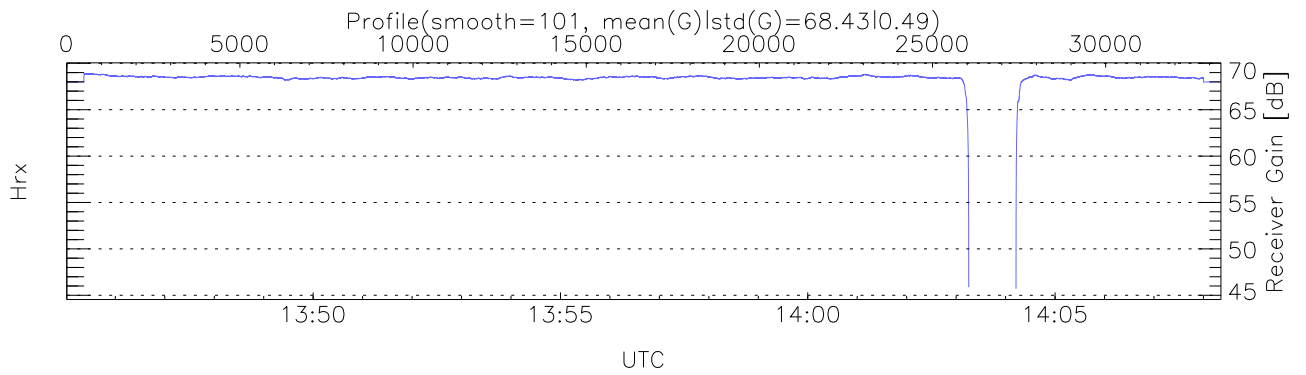
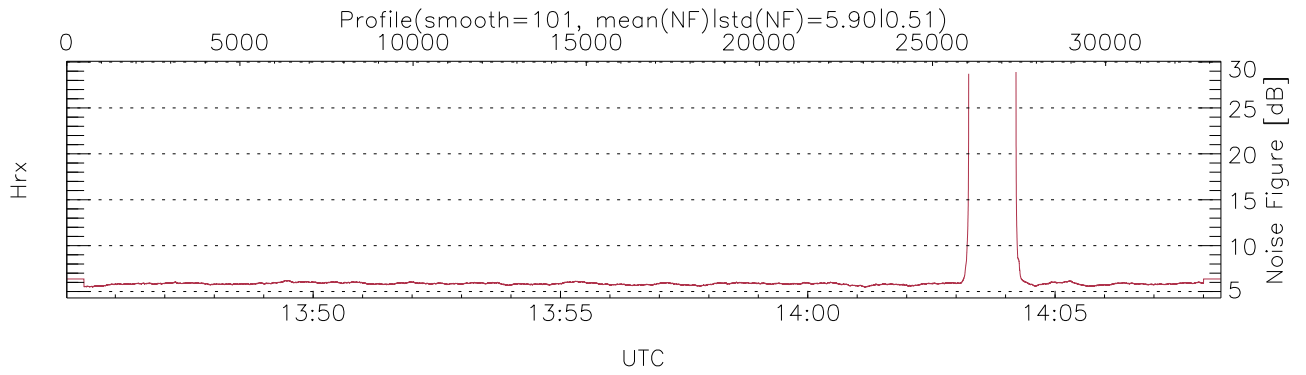
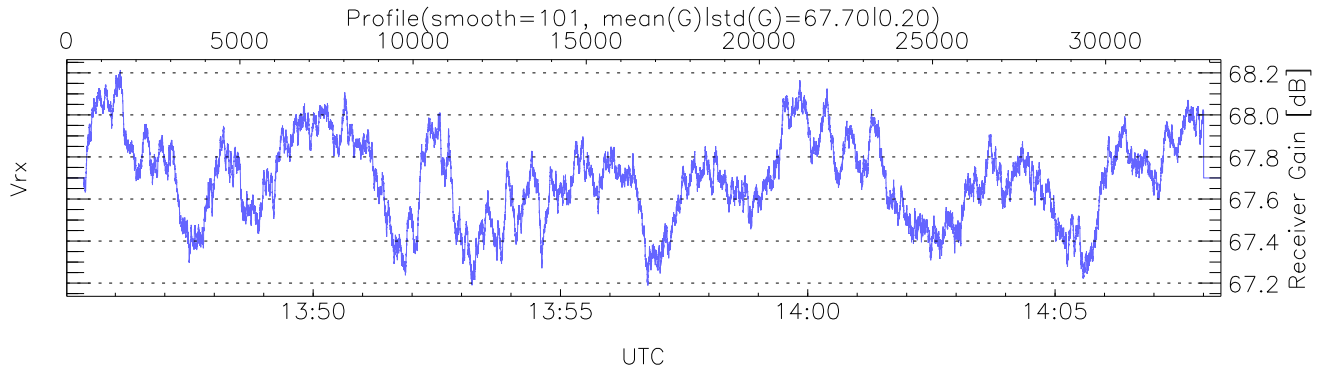
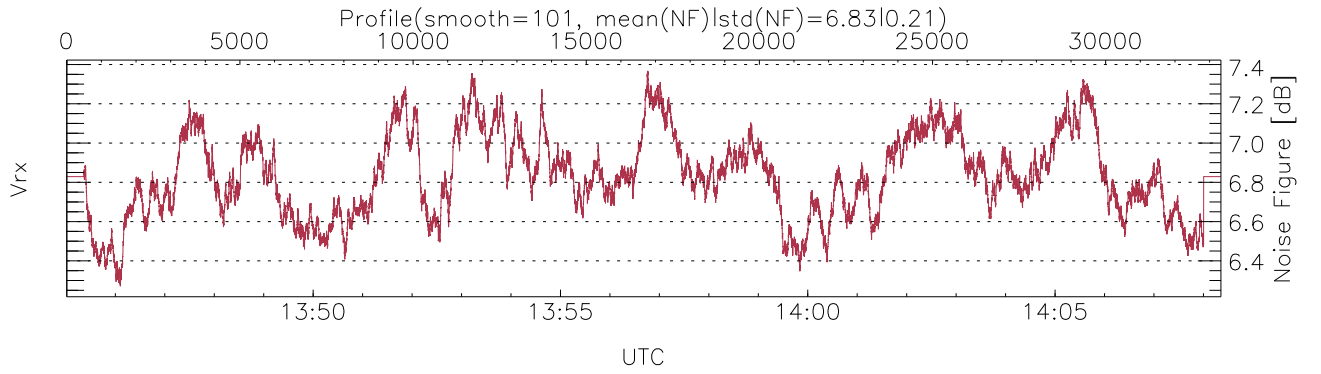
UTC: 13:45:01-14:08:21, Dur: 1400.17s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24
 NumRec(r/t): 33330/33330, 0-33329/13:45:01-14:08:21
 AcqTime: 42.0ms, Rate: 377KB/s, Averages: 140
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rgs): 105,6187,15.0 m, Gates: 406, Aspect: 3.1

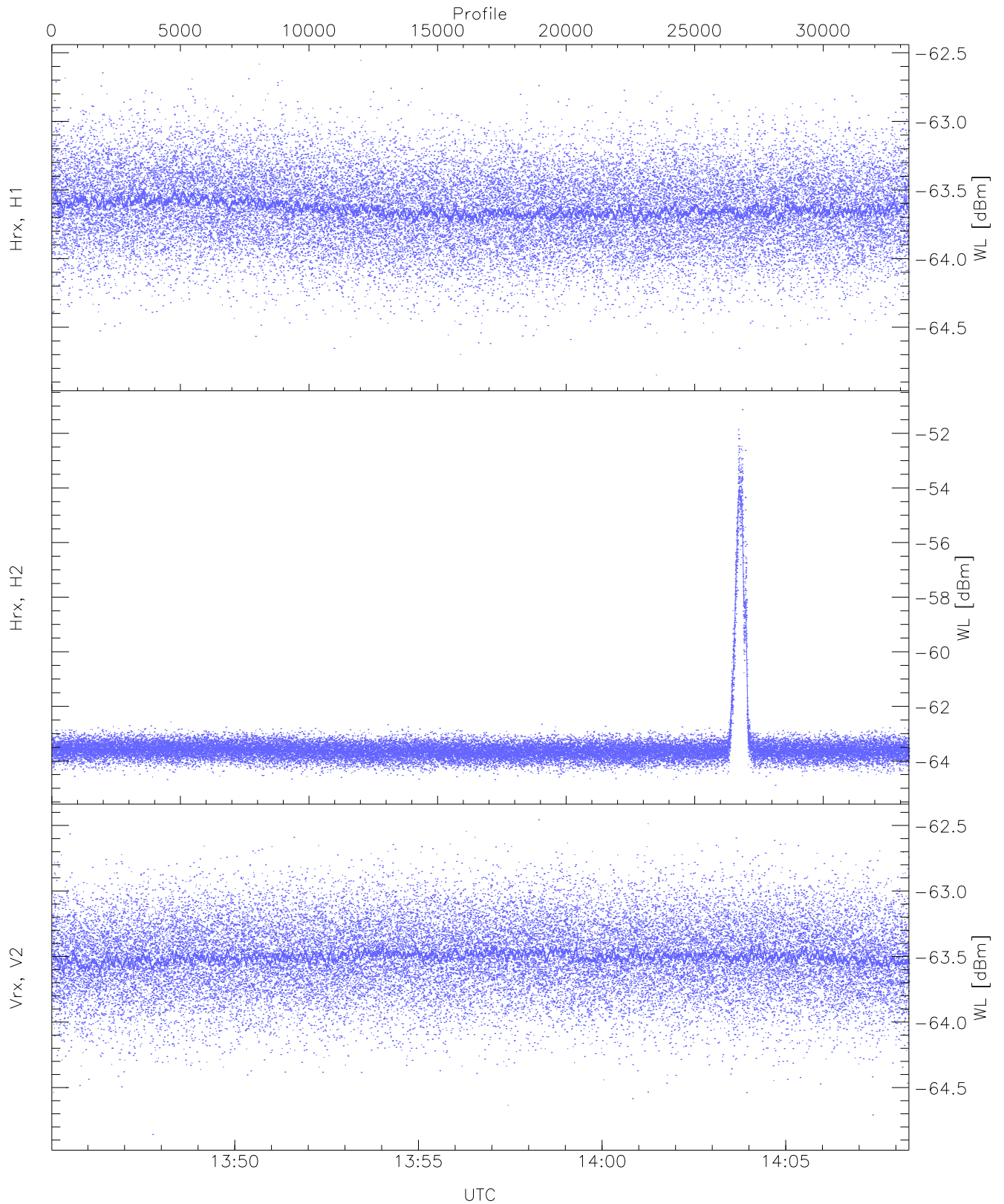


WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator Body, EIK Body

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,92,10,14,14,15
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,13,18,18,24
 LOalarm(20,80,240,2.8,14.8 MHz): 0,0,0,30,0
 EIK/Modulator Faults: None

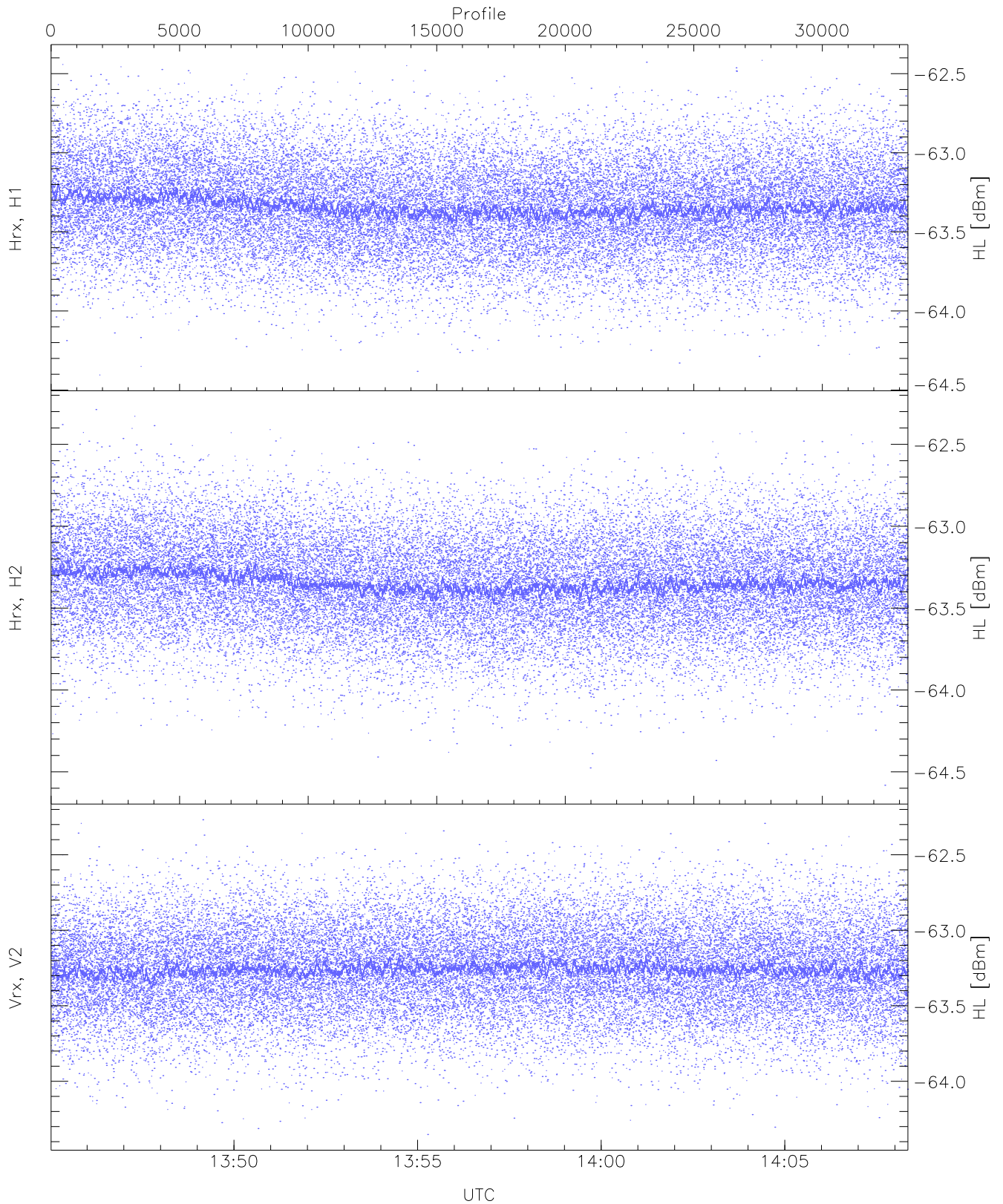
WARNING: <HrxHLn>-<HrxWLn> < 0.05dB for 1 pwr prods.





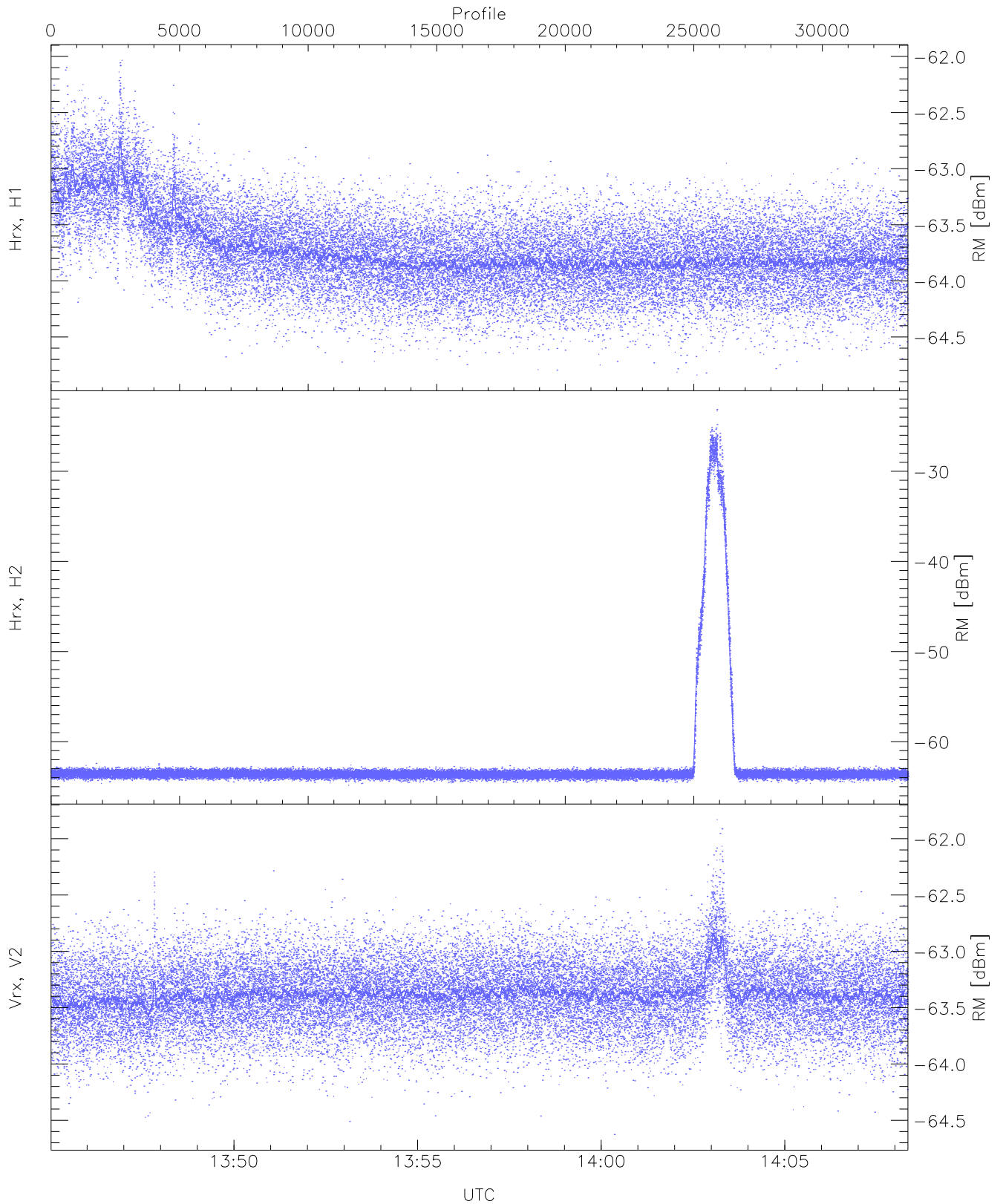
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-64.85	-62.56	-63.63	-63.64	-75.78
Hrx, H2 (WL [dBm])	-64.89	-51.13	-63.30	-63.63	-65.11
Vrx, V2 (WL [dBm])	-64.86	-62.46	-63.50	-63.50	-75.61



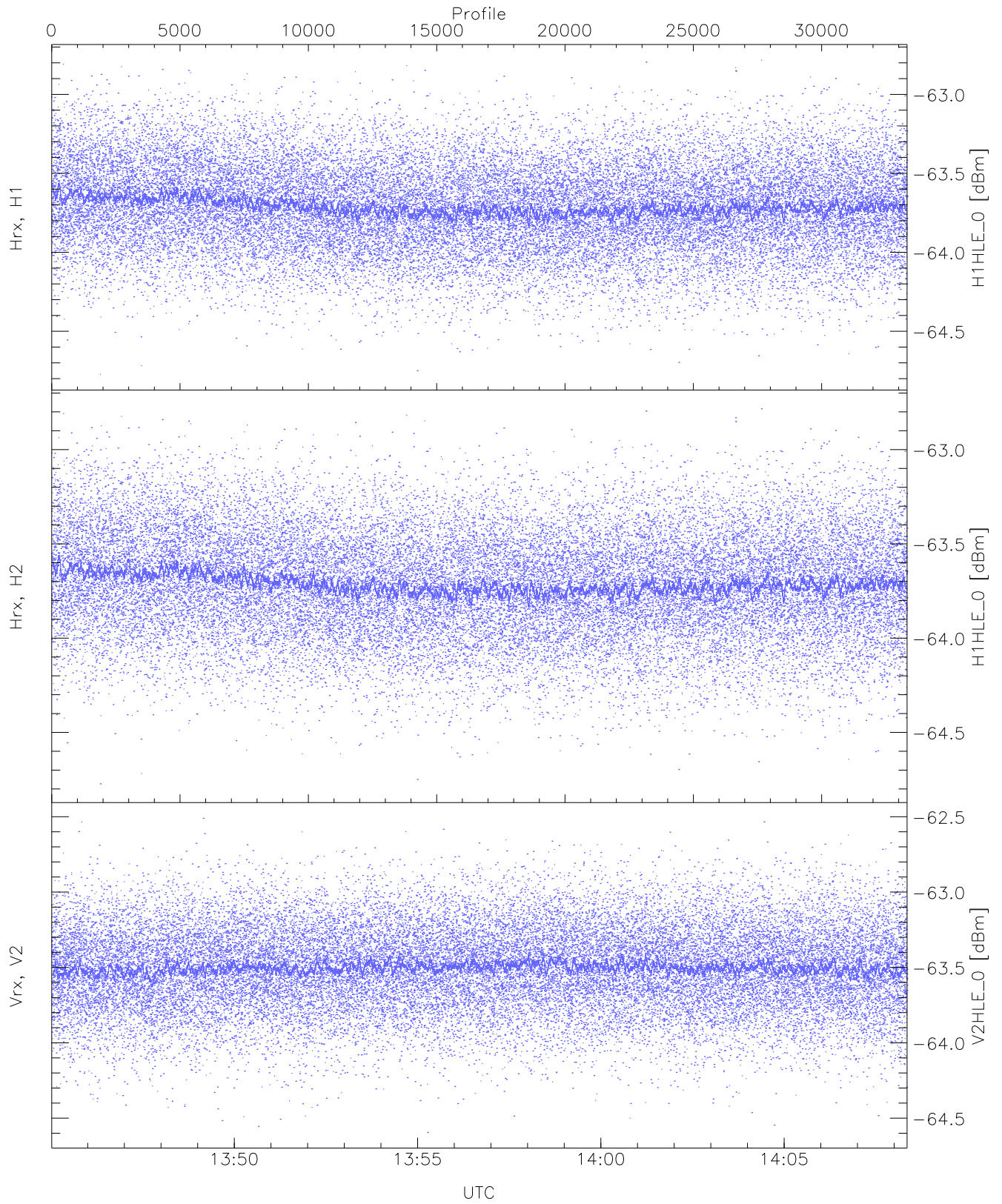
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-64.40	-62.42	-63.34	-63.35	-75.48
Hrx, H2 (HL [dBm])	-64.58	-62.29	-63.34	-63.35	-75.46
Vrx, V2 (HL [dBm])	-64.35	-62.27	-63.26	-63.26	-75.40



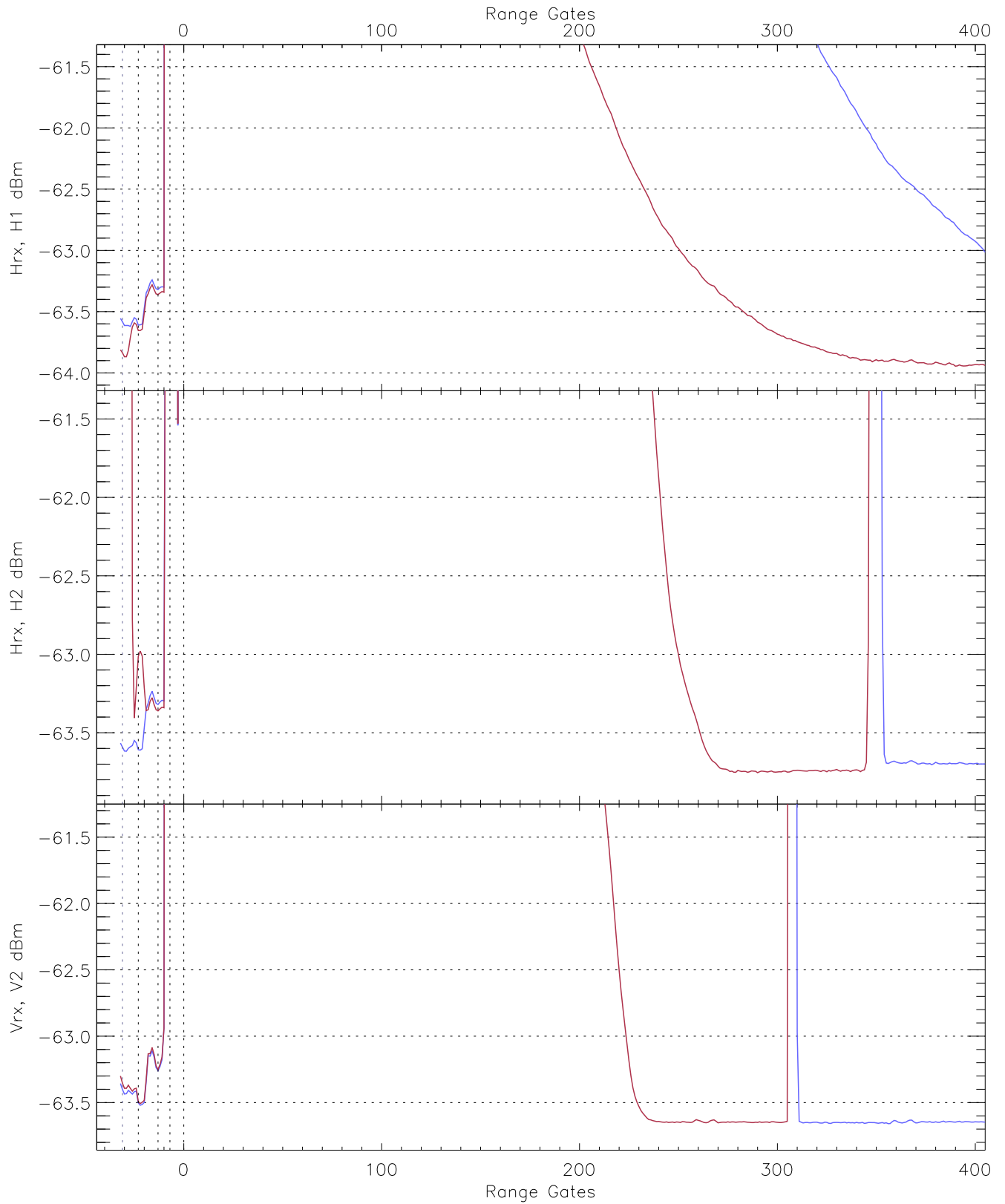
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.84	-62.03	-63.71	-63.76	-74.48
Hrx, H2 (RM [dBm])	-64.84	-23.15	-45.67	-63.60	-37.02
Vrx, V2 (RM [dBm])	-64.63	-61.83	-63.38	-63.39	-75.30

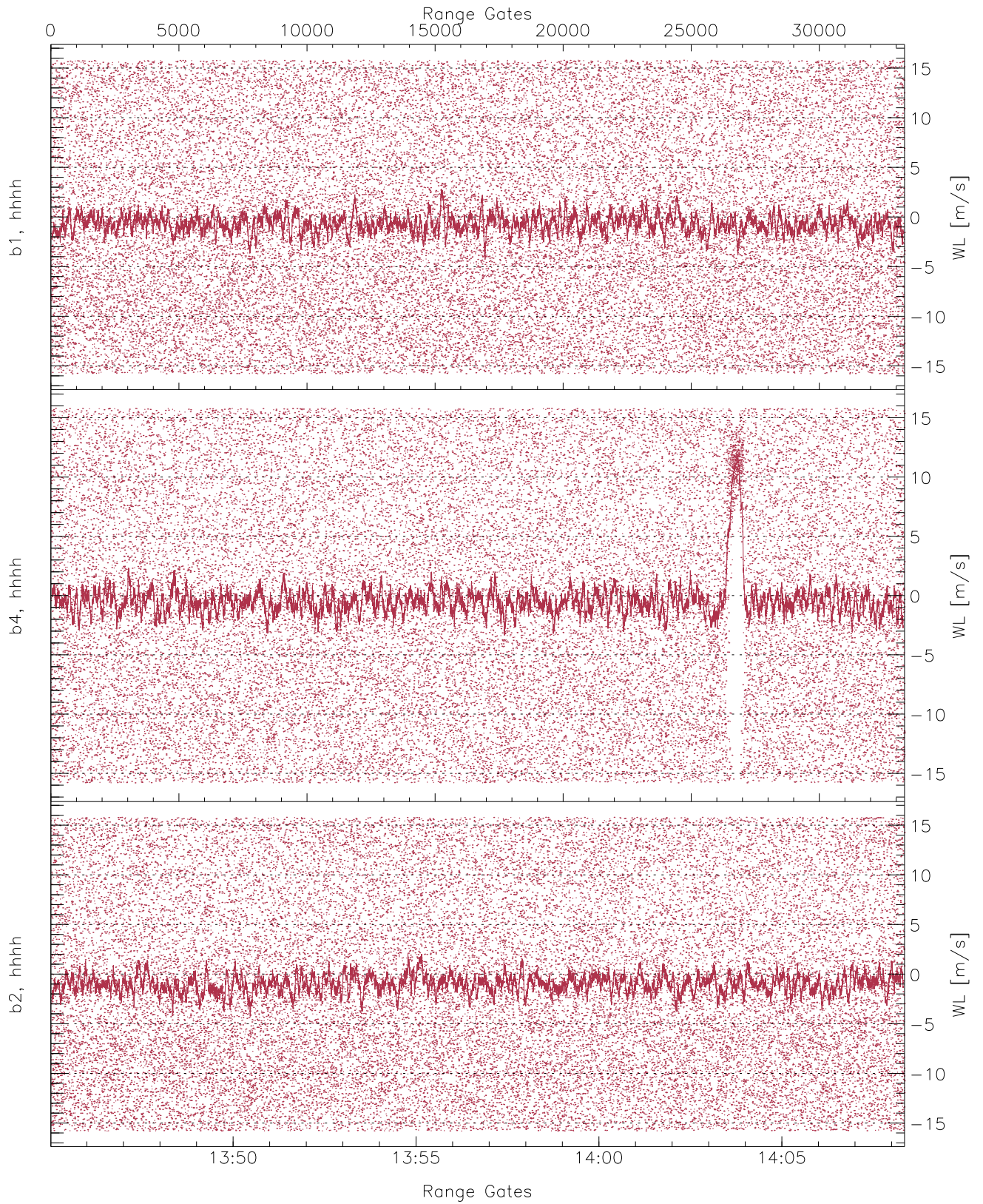


WCR2 CPP "Best" estimate Receivers Noise Power

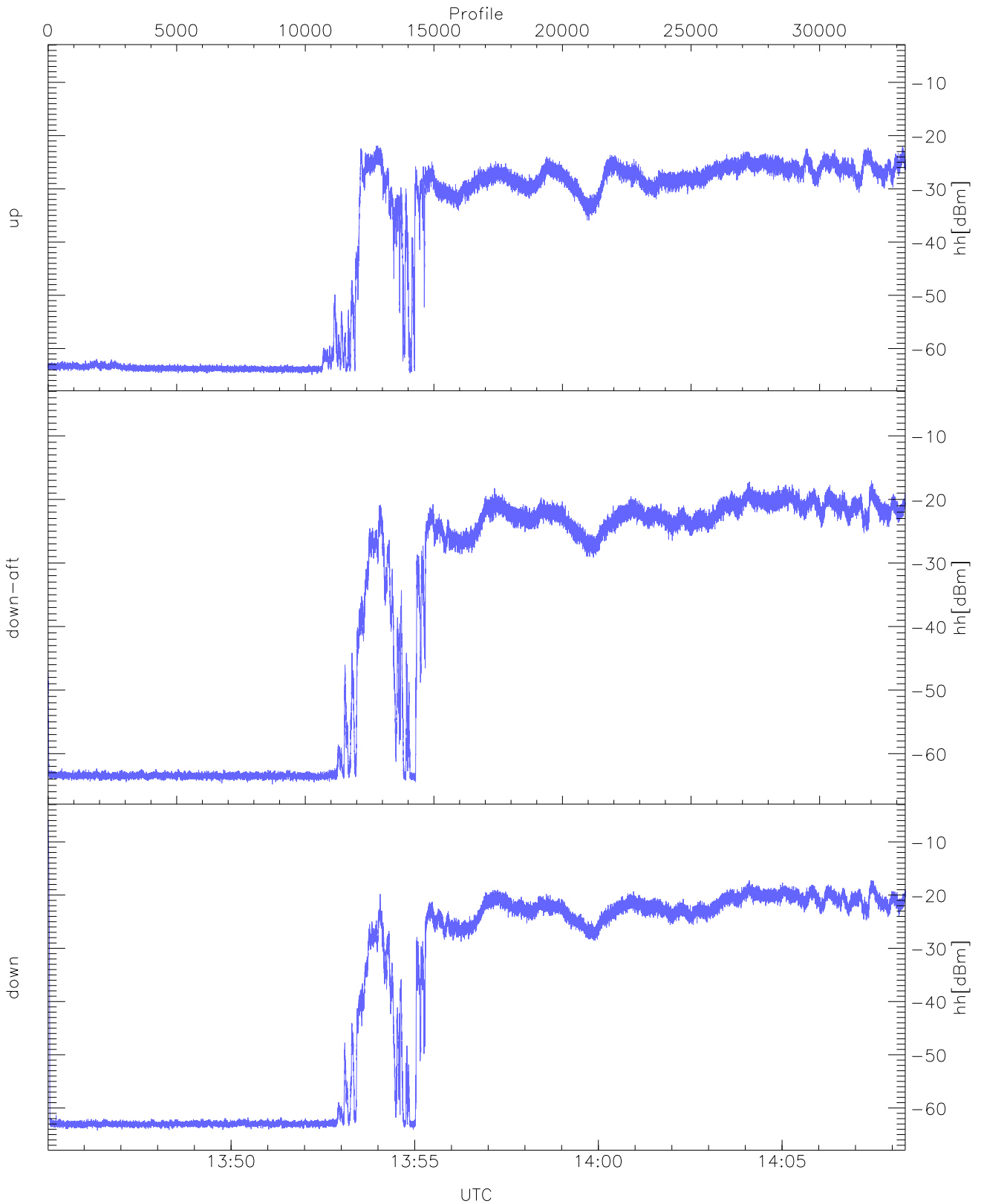
	Min	Max	Mean	Median	StDev
H1HLE_0 [dBm]	-64.77	-62.78	-63.71	-63.71	-75.85
H1HLE_0 [dBm]	-64.77	-62.78	-63.71	-63.71	-75.85
V2HLE_0 [dBm]	-64.59	-62.51	-63.50	-63.50	-75.64



WCR2 CPP Averaged Received power for all recorded gates
blue: 134501-135641, 16666 profiles averaged
red: 135641-140821, 16665 profiles averaged

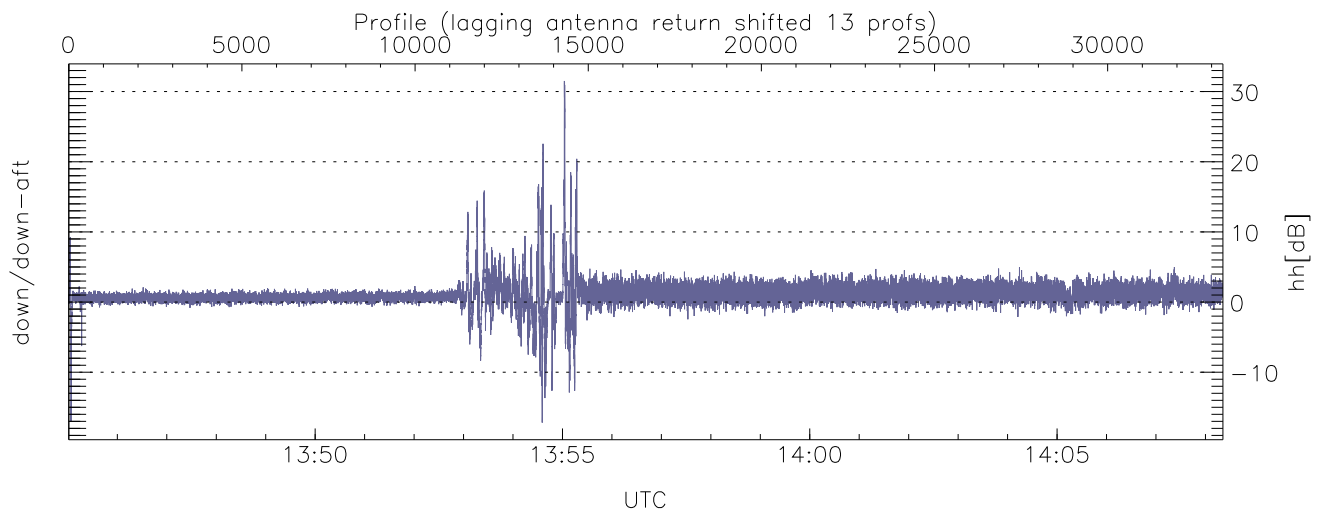
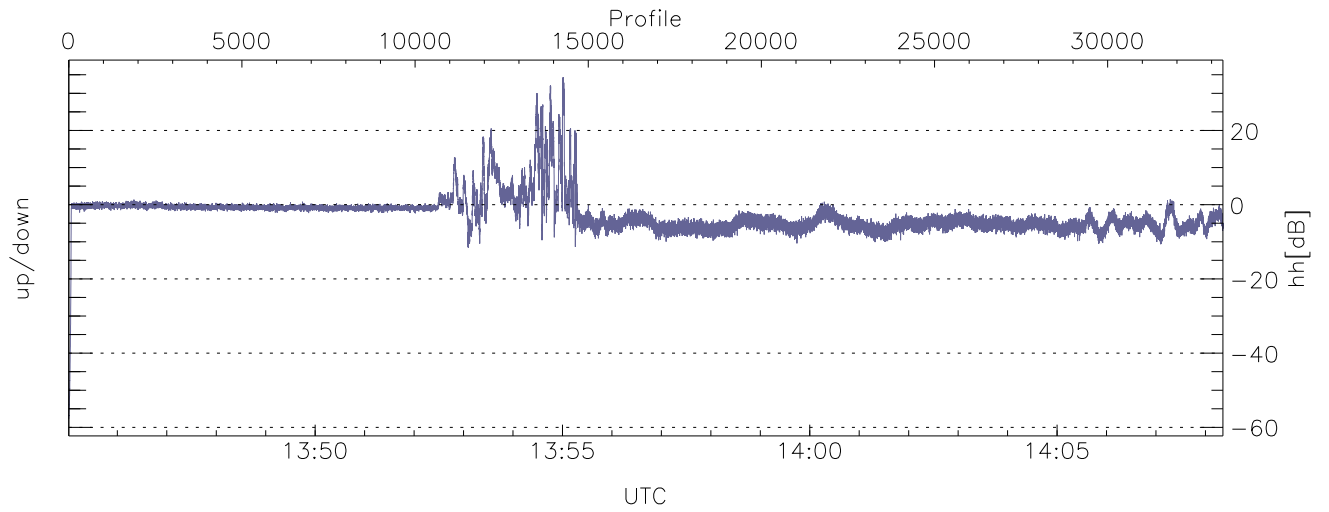


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



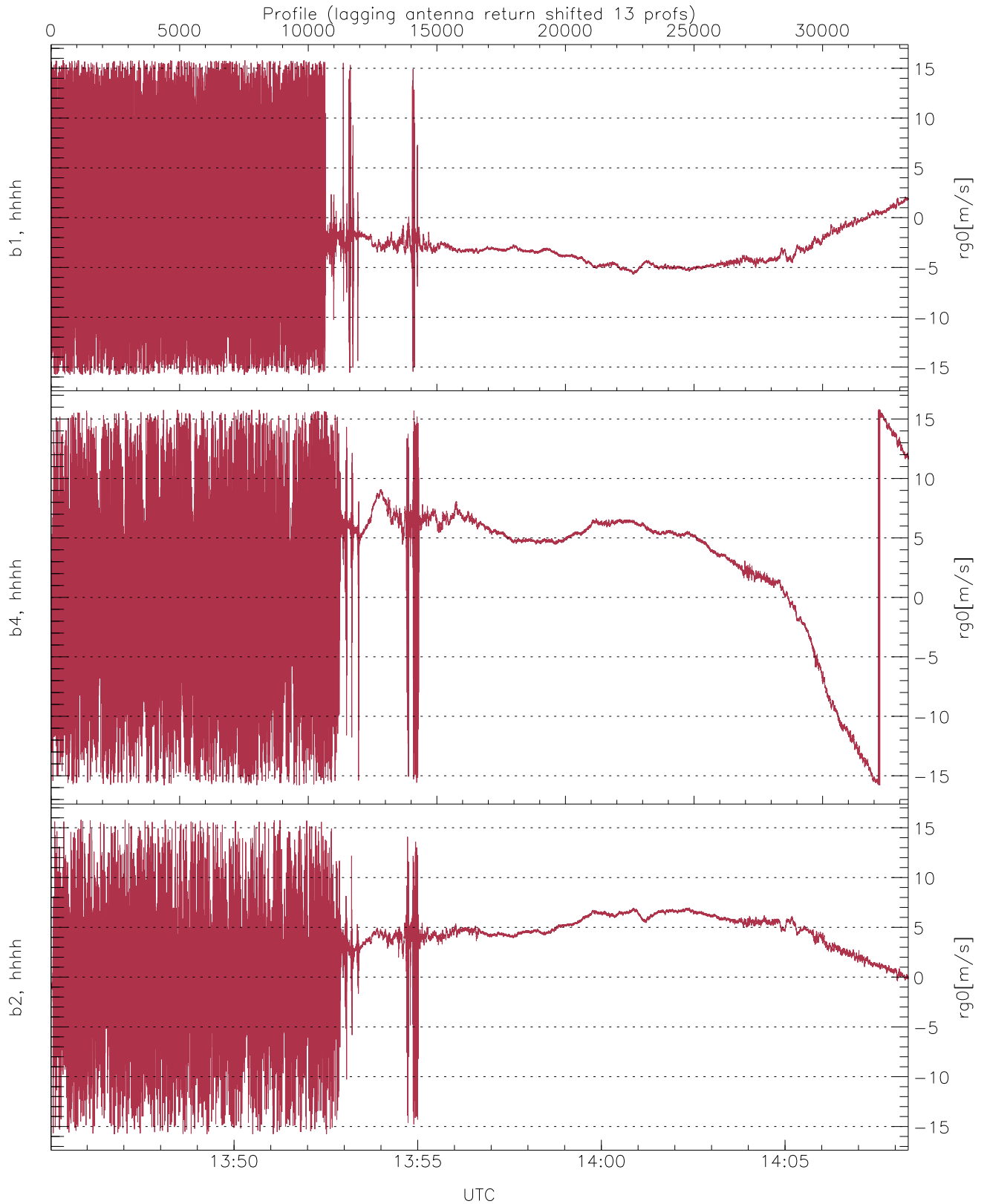
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

	Min	Max	Mean
up(hh[dBm])	-64.97	-21.87	-29.14
down-aft(hh[dBm])	-64.81	-17.05	-24.45
down(hh[dBm])	-64.21	-5.85	-24.10



WCR2 CPP Received Power Ratio; Range gates used: 0,1 (105,120 m)

	Min	Max	Mean
up/down(hh[dB])	-57.71	34.36	-1.85
down/down-aft(hh[dB])	-17.18	31.52	1.11



WCR2 CPP Doppler Velocity Products at 105.1 m range

	Min	Max	Mean	StDev
b1, hhhh(rg0[m/s])	-15.80	15.80	-2.16	5.39
b4, hhhh(rg0[m/s])	-15.80	15.80	2.03	6.60
b2, hhhh(rg0[m/s])	-15.77	15.80	2.72	4.31