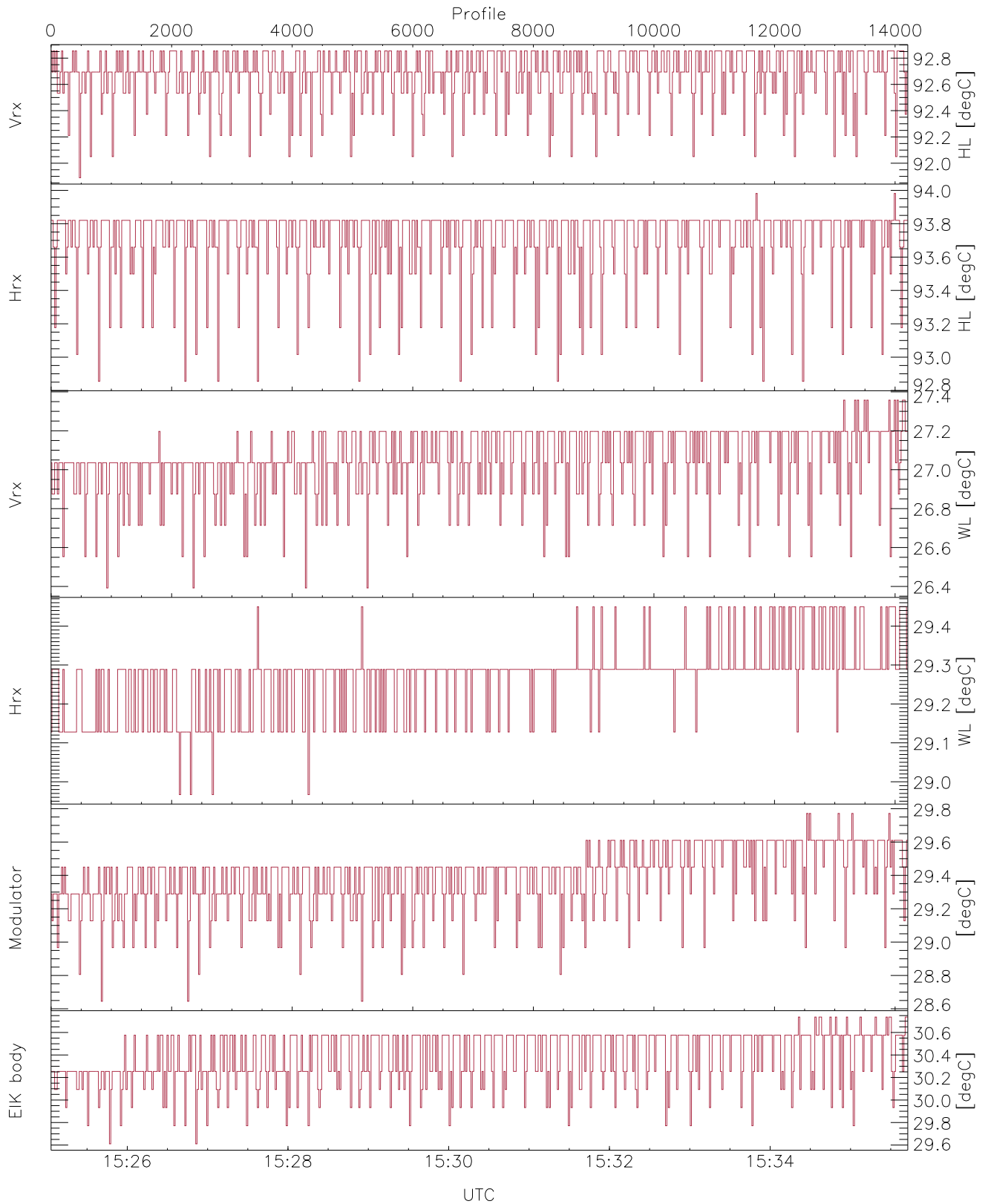




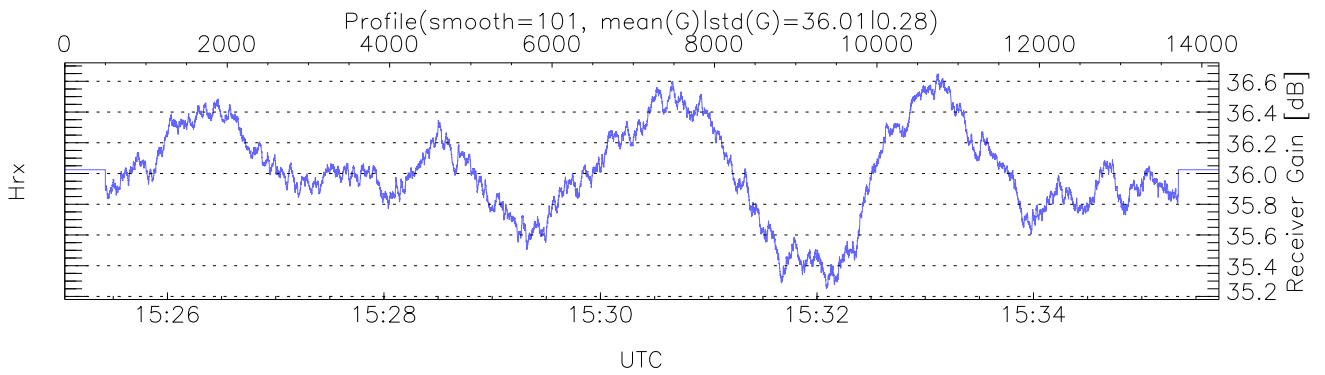
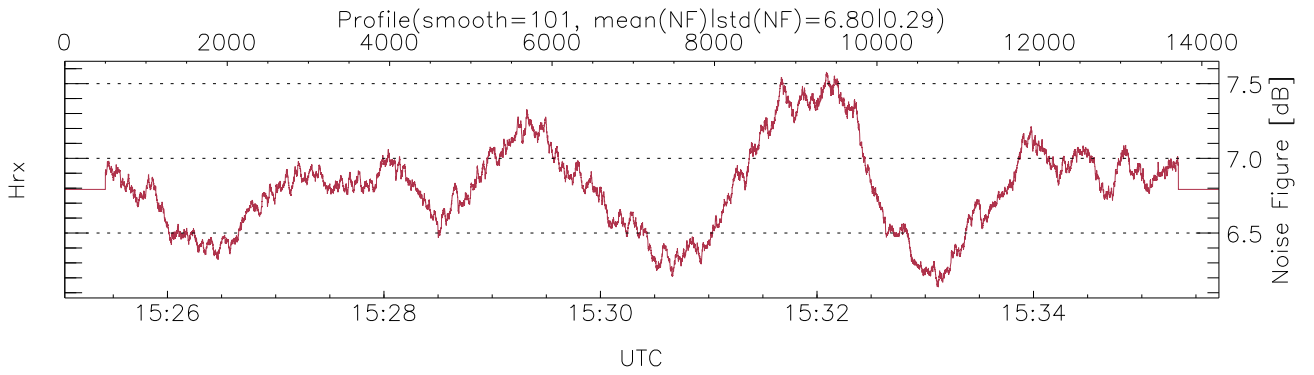
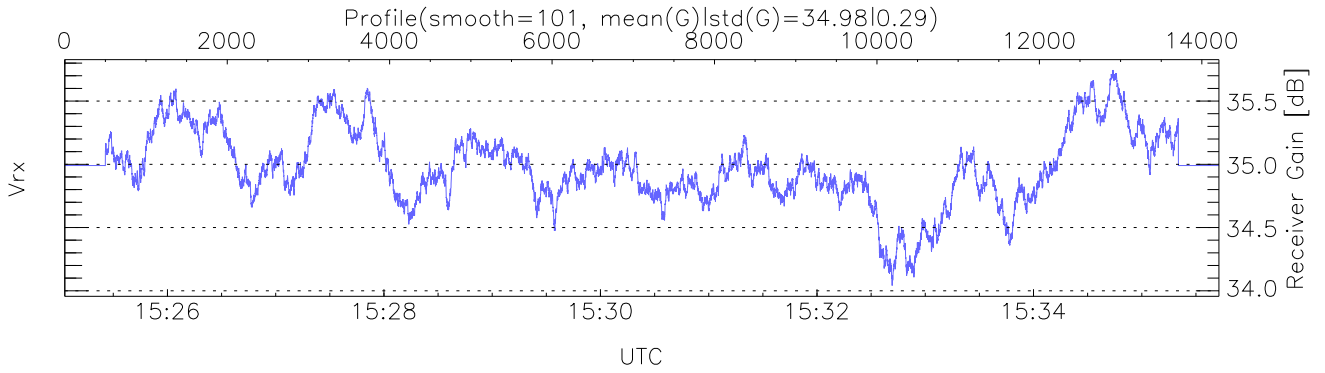
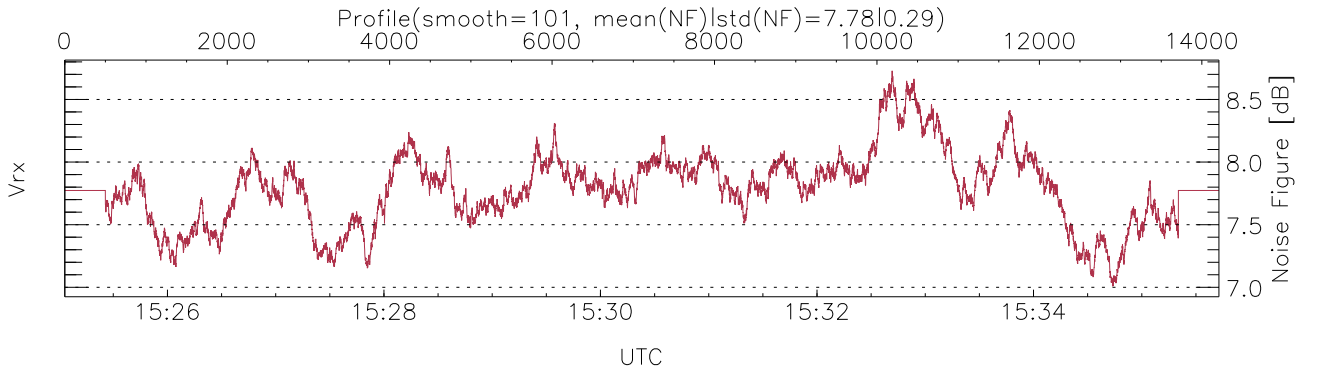
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:25:03-15:35:43, TimeCor: 0.00s, Dur: 639.65s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
 NumRec(r/t): 14212/14212, 0-14211/15:25:03-15:35:43
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H1 V2 V2 V2 H2 H2 H2
 PRF: 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



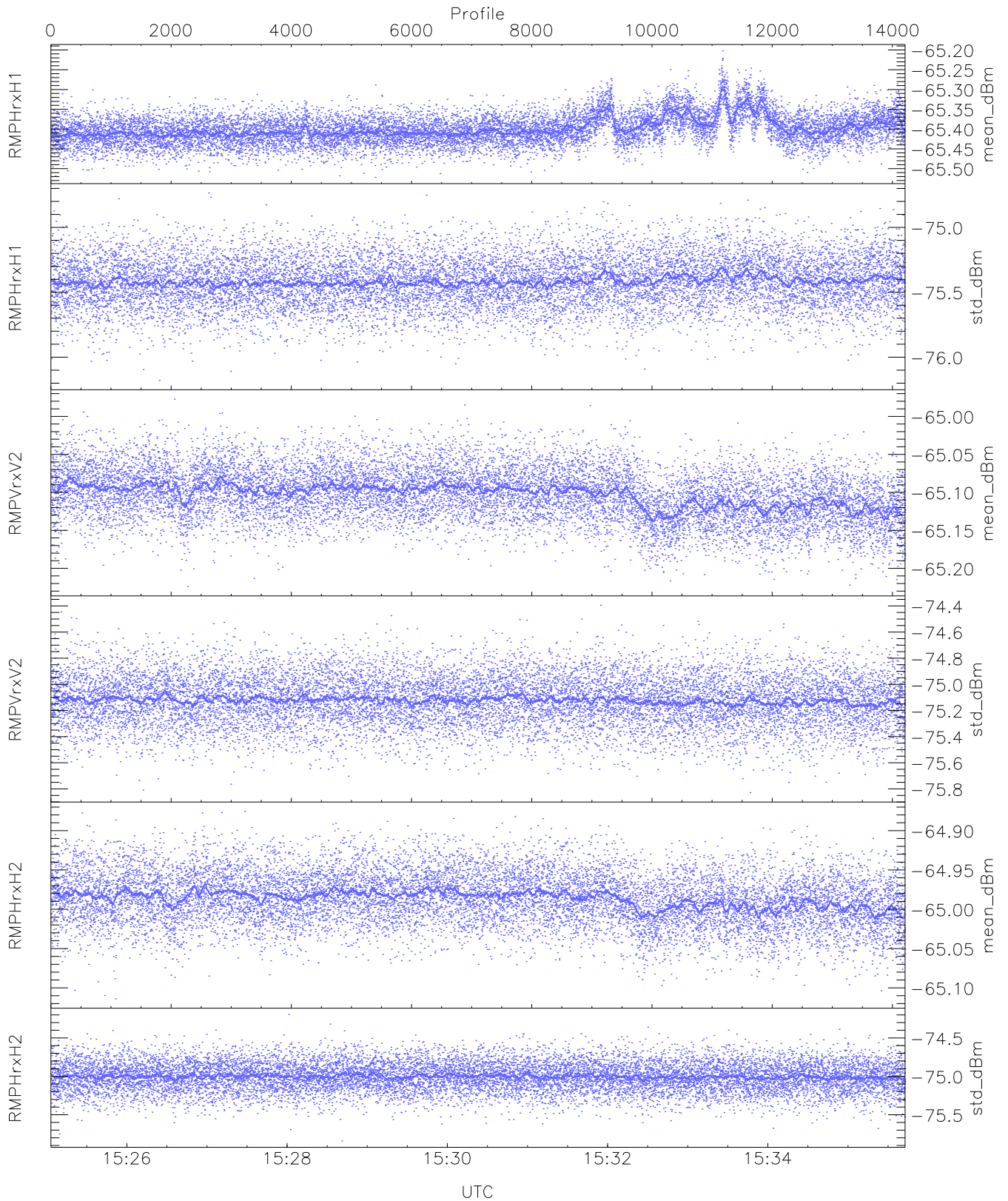
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,26,28,28,29`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,29,29,30`
`LOalarm(20,240,2817,14861 MHz): None`
`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (44,44,44,44,44,44)`



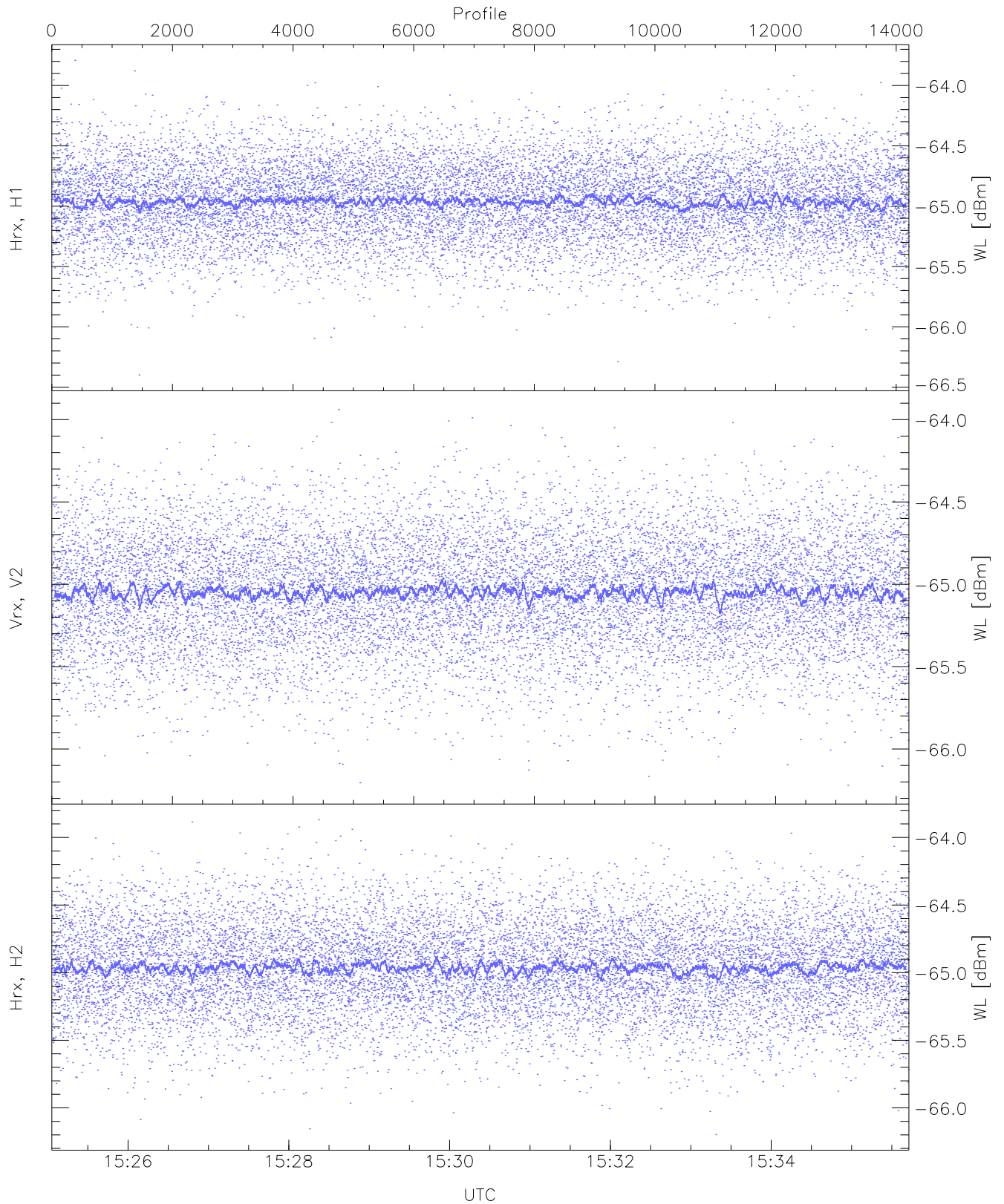
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prod(s)



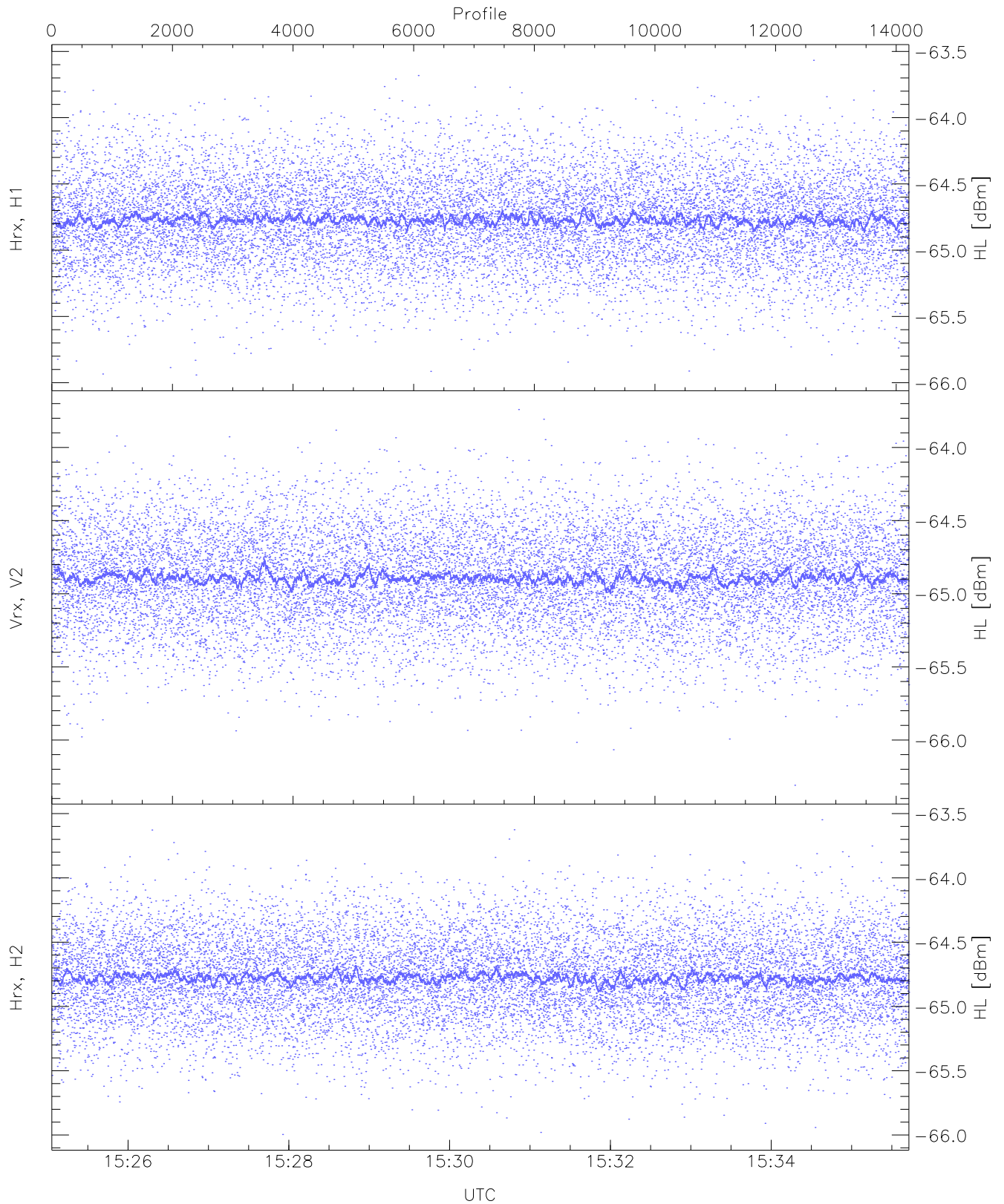
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.52	-65.20	-65.40	-65.40	-86.05
RMPHrxH1(std_dBm)	-76.18	-74.73	-75.41	-75.42	-89.15
RMPVrxV2(mean_dBm)	-65.22	-64.98	-65.10	-65.10	-86.29
RMPVrxV2(std_dBm)	-75.83	-74.39	-75.12	-75.12	-88.87
RMPHrxH2(mean_dBm)	-65.11	-64.88	-64.99	-64.99	-86.32
RMPHrxH2(std_dBm)	-75.84	-74.19	-75.00	-75.00	-88.78



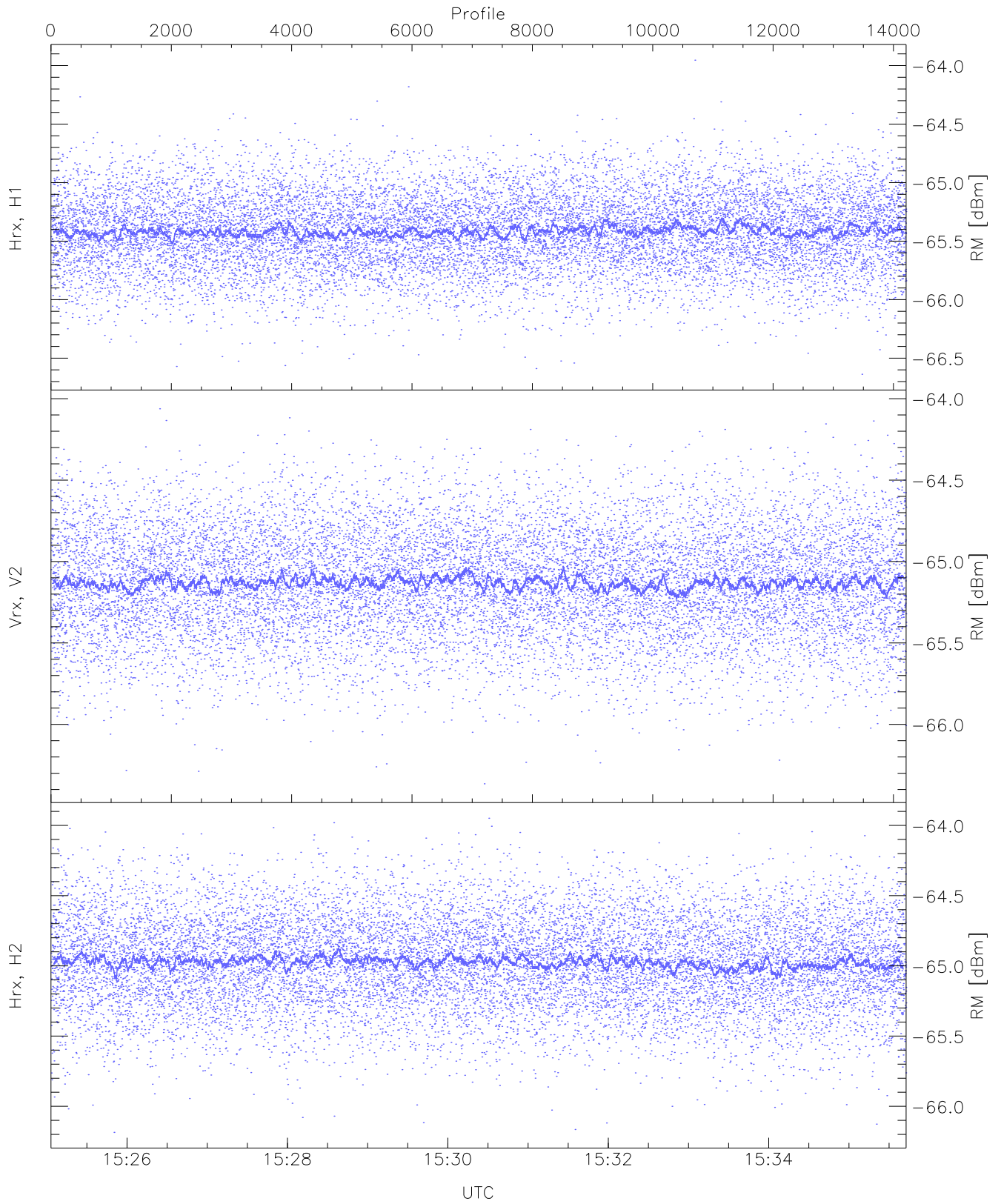
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.40	-63.79	-64.96	-64.96	-76.53
Vrx, V2 (WL [dBm])	-66.22	-63.94	-65.04	-65.05	-76.49
Hrx, H2 (WL [dBm])	-66.20	-63.87	-64.96	-64.97	-76.47



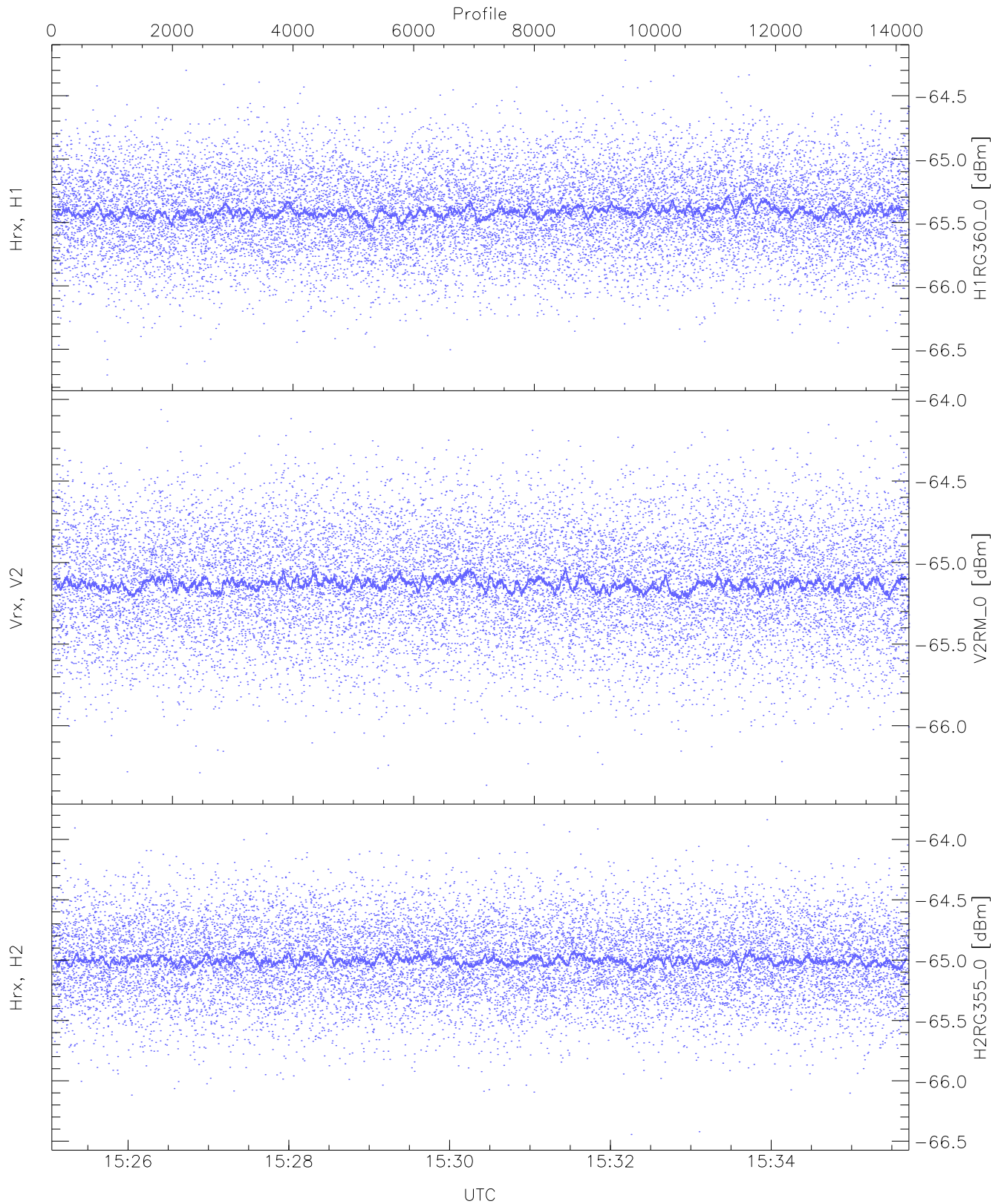
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.94	-63.57	-64.76	-64.77	-76.24
Vrx, V2 (HL [dBm])	-66.31	-63.74	-64.88	-64.89	-76.42
Hrx, H2 (HL [dBm])	-66.00	-63.55	-64.77	-64.78	-76.30



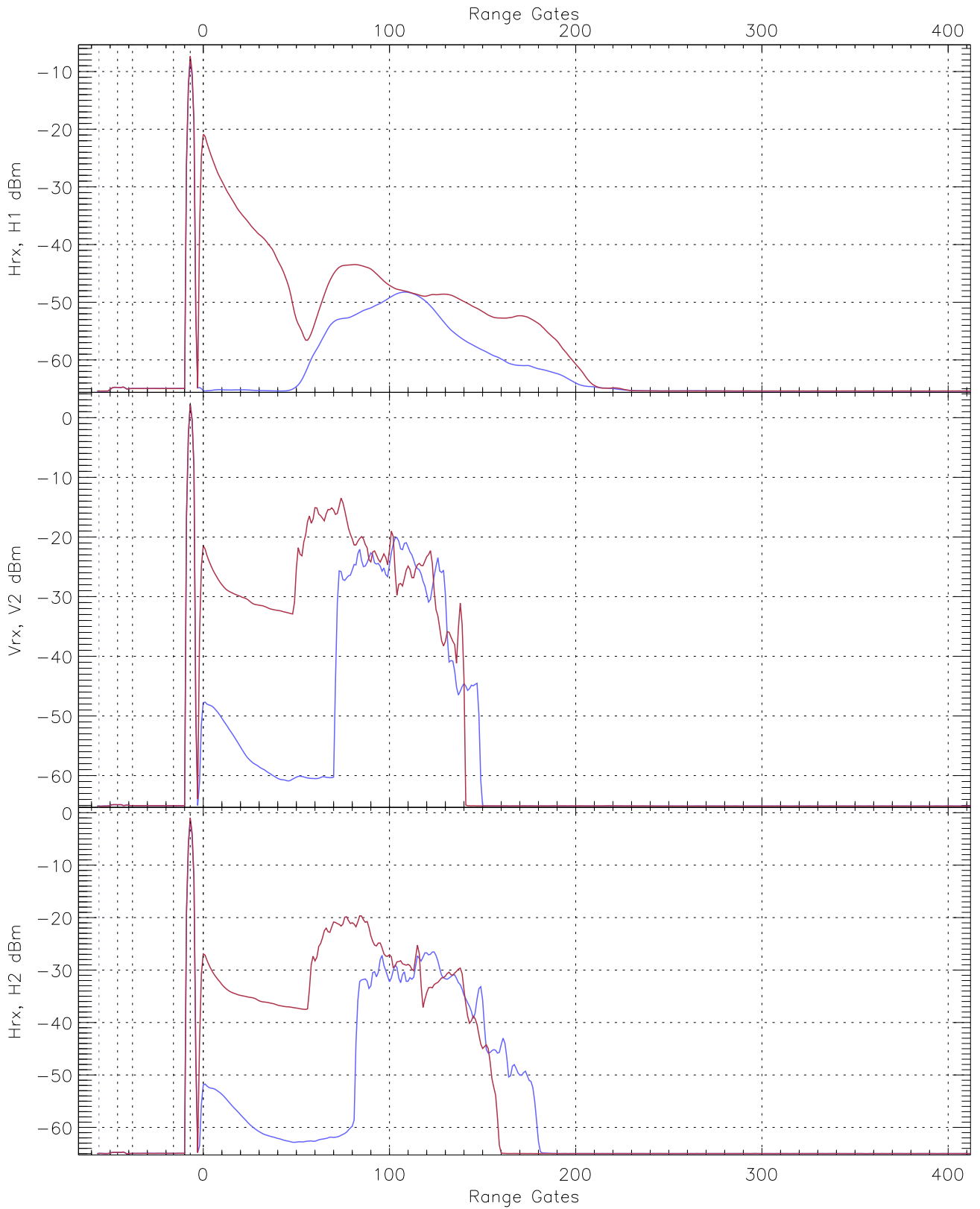
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.64	-63.95	-65.41	-65.42	-76.92
Vrx, V2 (RM [dBm])	-66.36	-64.06	-65.12	-65.13	-76.63
Hrx, H2 (RM [dBm])	-66.19	-63.95	-64.97	-64.97	-76.52

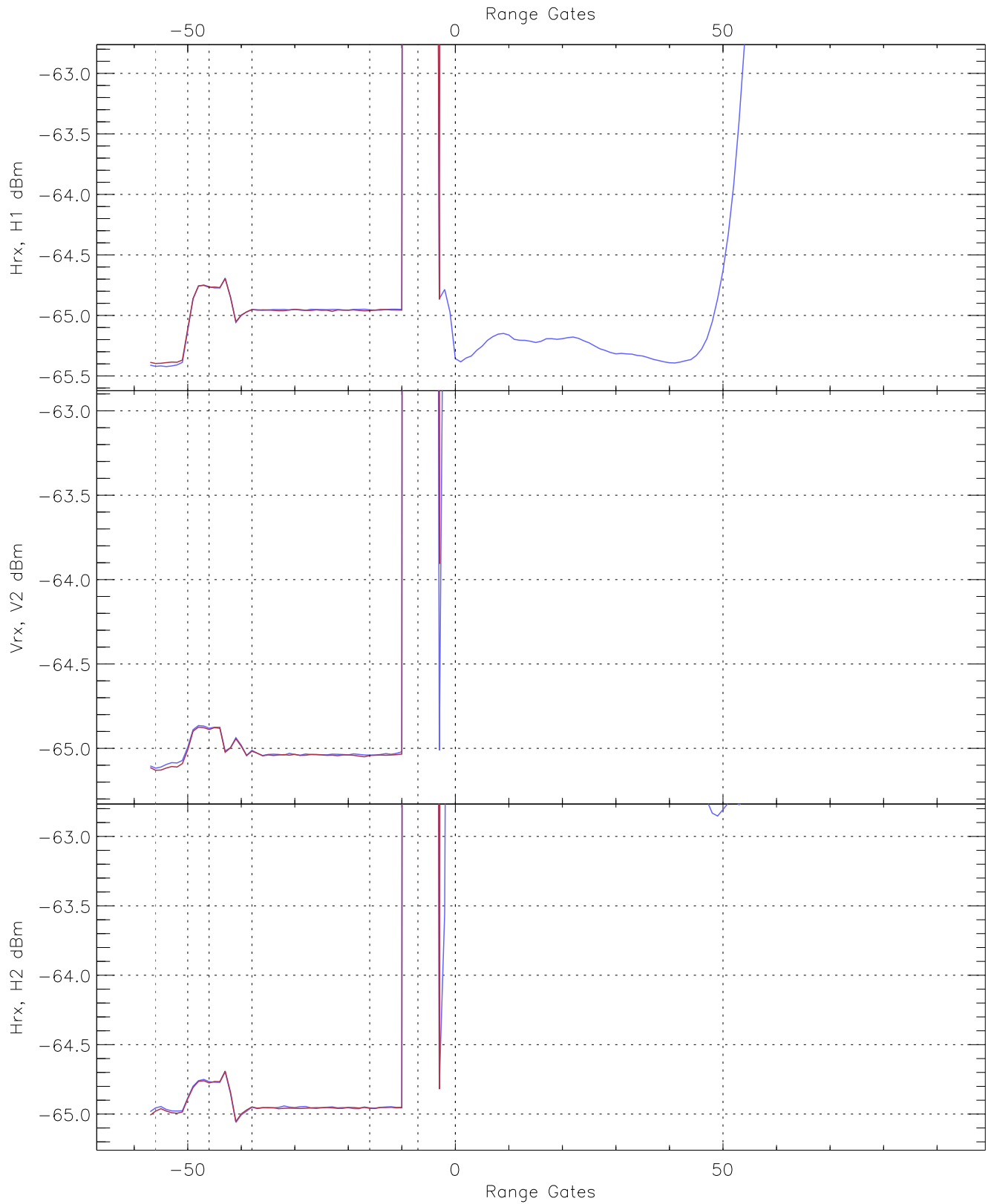


WCR3 CPP "Best" estimate Receivers Noise Power

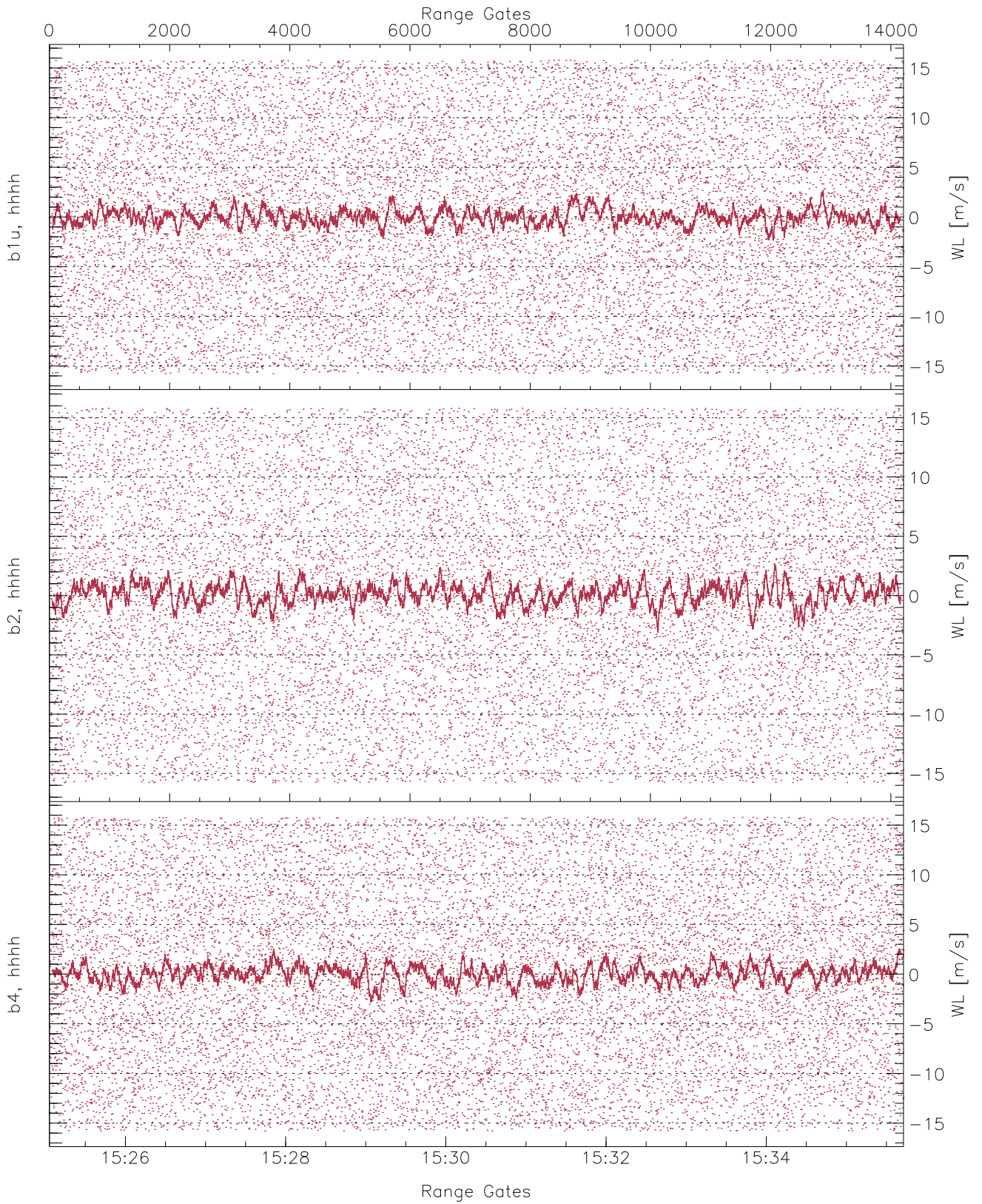
	Min	Max	Mean	Median	StDev
H1RG360_0 [dBm]	-66.70	-64.22	-65.41	-65.42	-76.91
V2RM_0 [dBm]	-66.36	-64.06	-65.12	-65.13	-76.63
H2RG355_0 [dBm]	-66.44	-63.84	-64.99	-65.00	-76.52



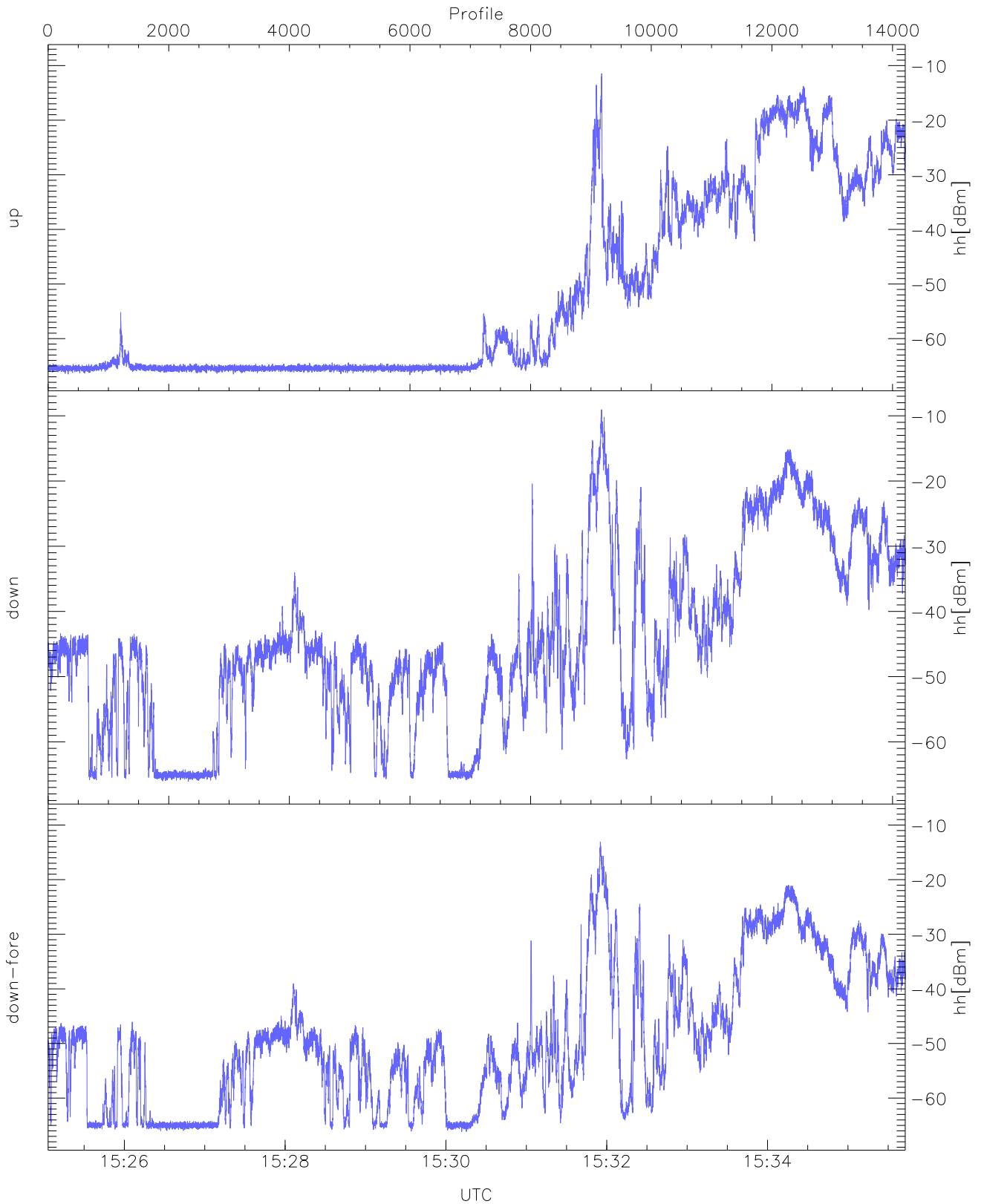
WCR3 CPP Averaged Received power for all recorded gates
blue: 152503-153023, 7107 profiles averaged
red: 153023-153543, 7106 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 152503-153023, 7107 profiles averaged
red: 153023-153543, 7106 profiles averaged

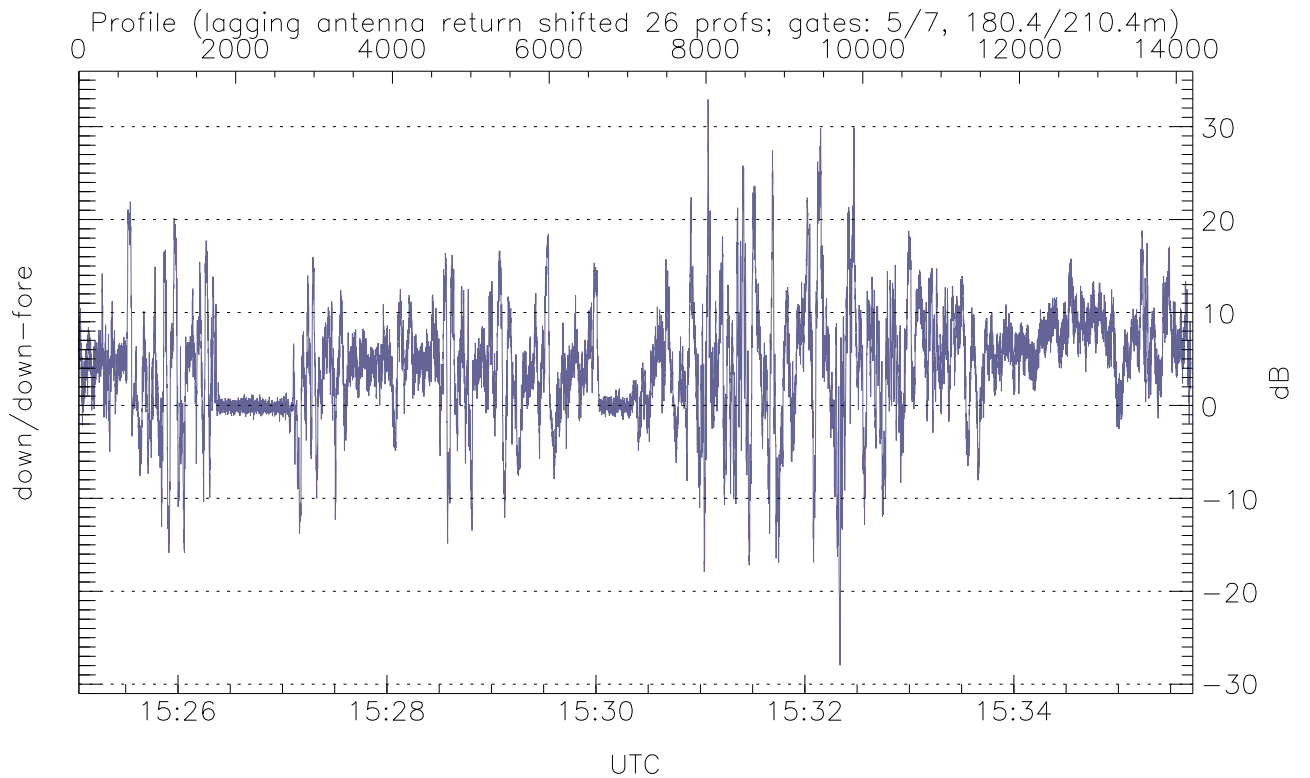
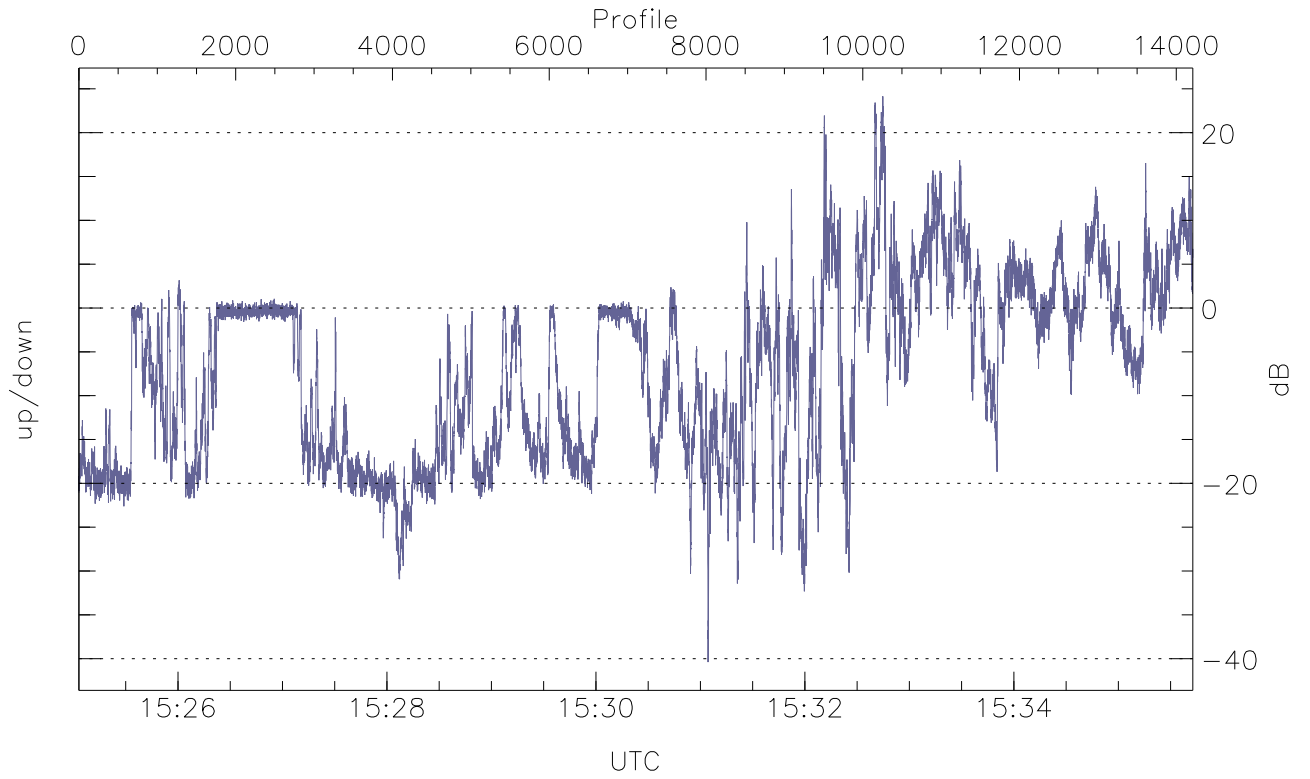


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



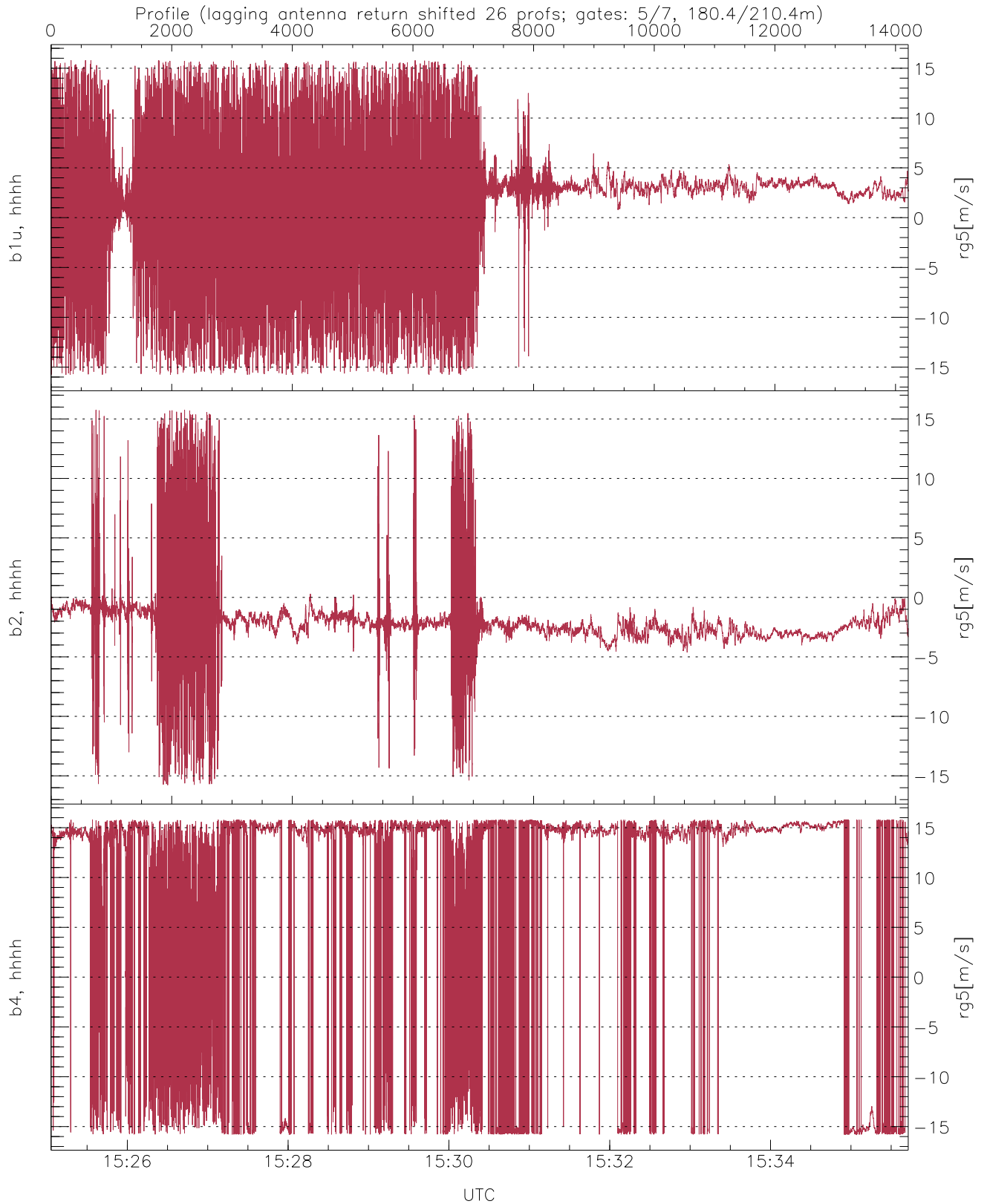
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.66	-11.43	-28.25
down(hh[dBm])	-66.08	-9.04	-28.39
down-fore(hh[dBm])	-66.16	-13.06	-33.34



WCR3 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down (dB)	-40.38	24.14	-7.07
down/down-fore (dB)	-27.96	32.92	4.21



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.77	15.79	1.72	5.94
b2, hhhh(rg5[m/s])	-15.78	15.76	-2.00	2.92
b4, hhhh(rg5[m/s])	-15.79	15.79	8.09	11.62