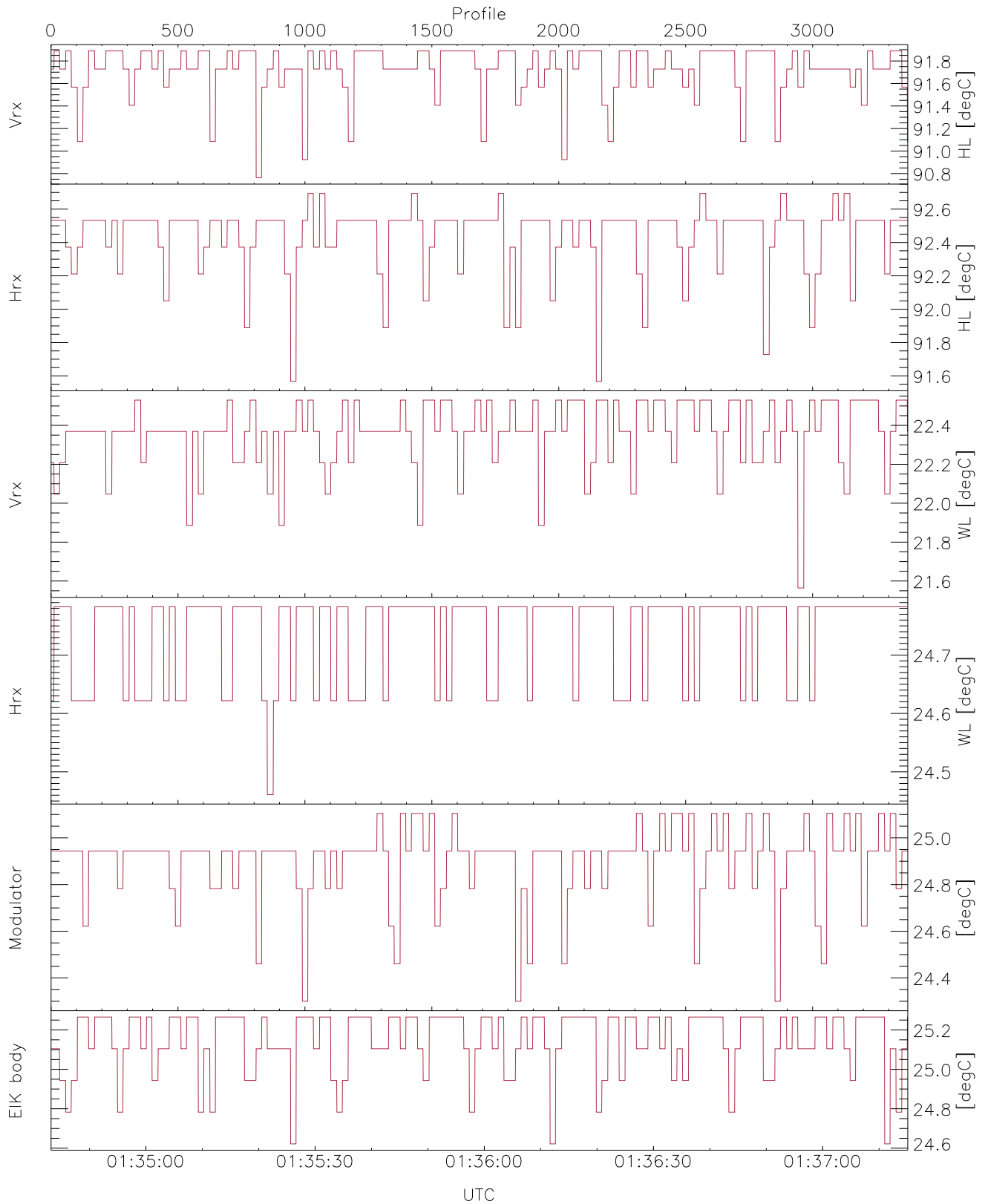


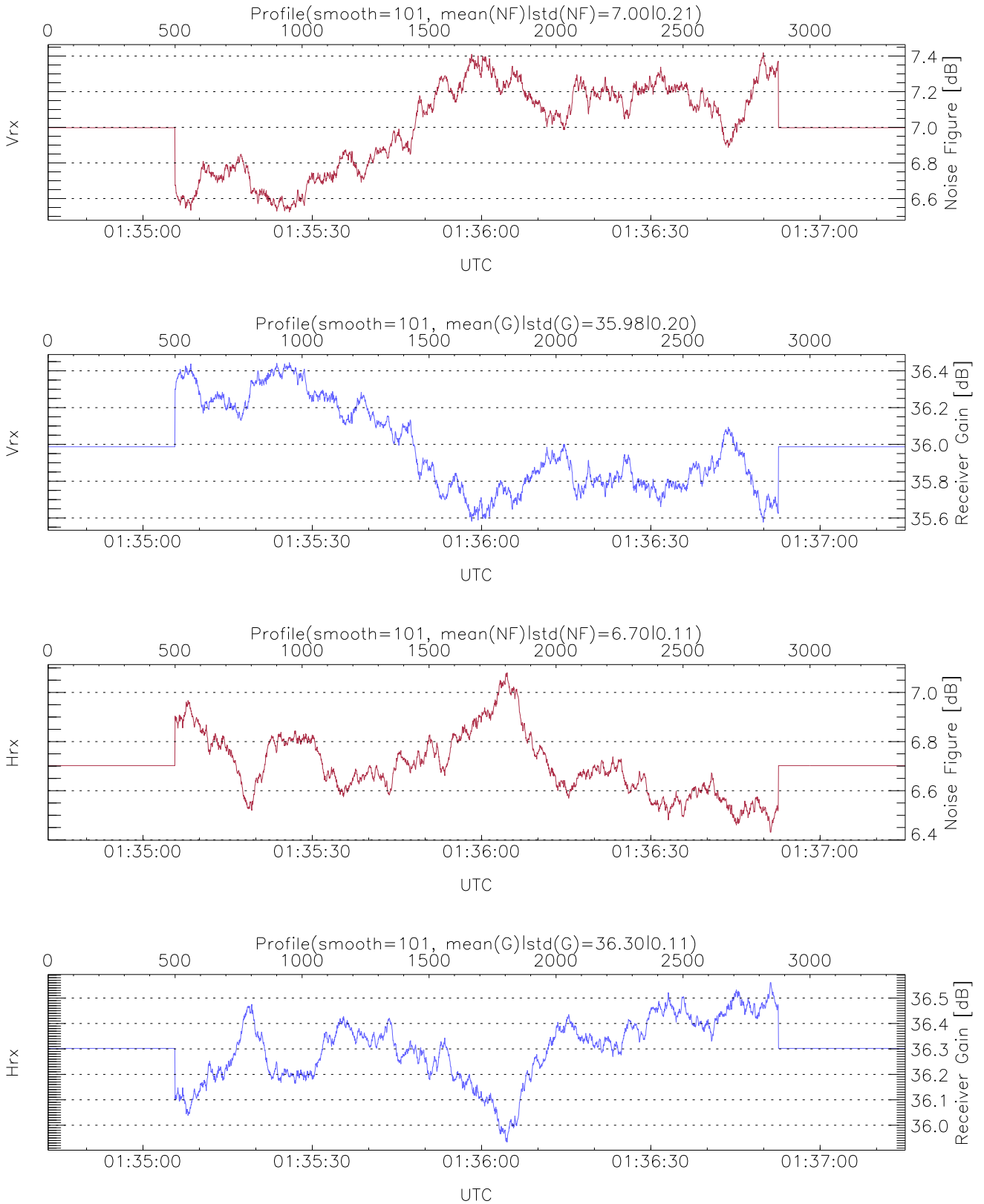
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 01:34:43-01:37:15, TimeCor: 0.00s, Dur: 151.91s
 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): 3376/3376, 0-3375/01:34:43-01:37:15
 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



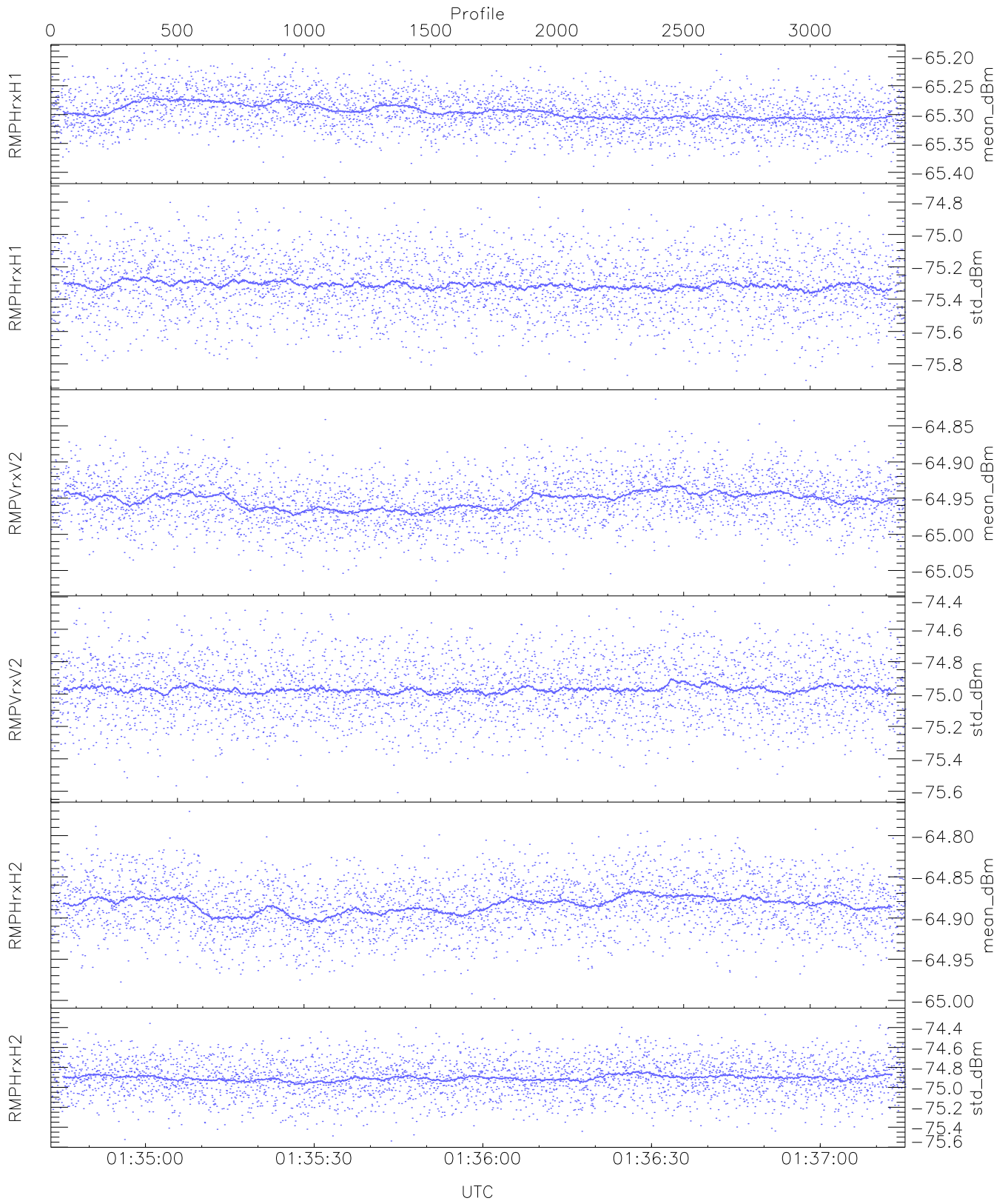
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,24,24,24`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,22,24,25,25`
`LOalarm(20,240,2817,14861 MHz): 0,0,24,0`
`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)`



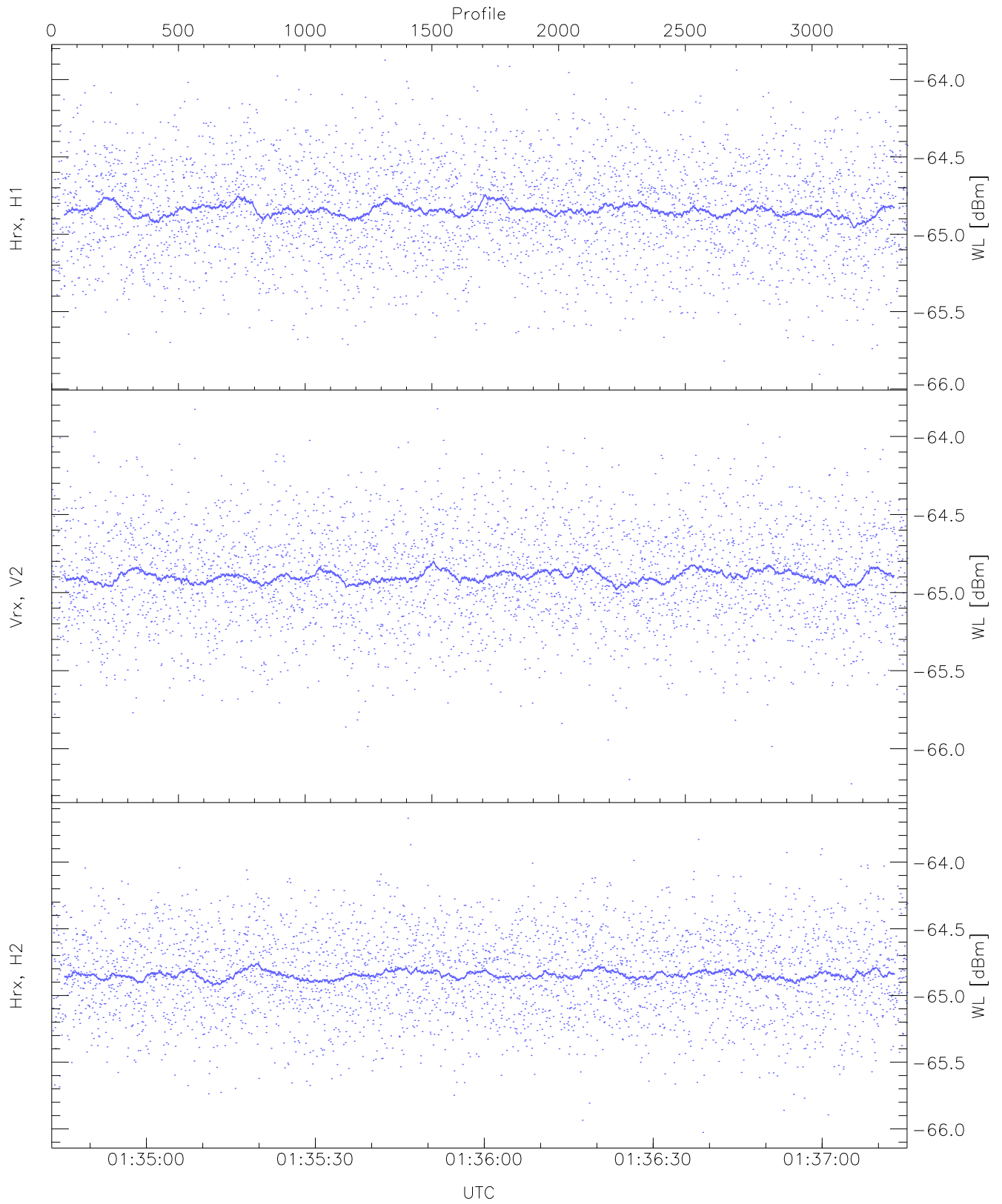
WCR3 CPP Receivers Gain and Noise Figure

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



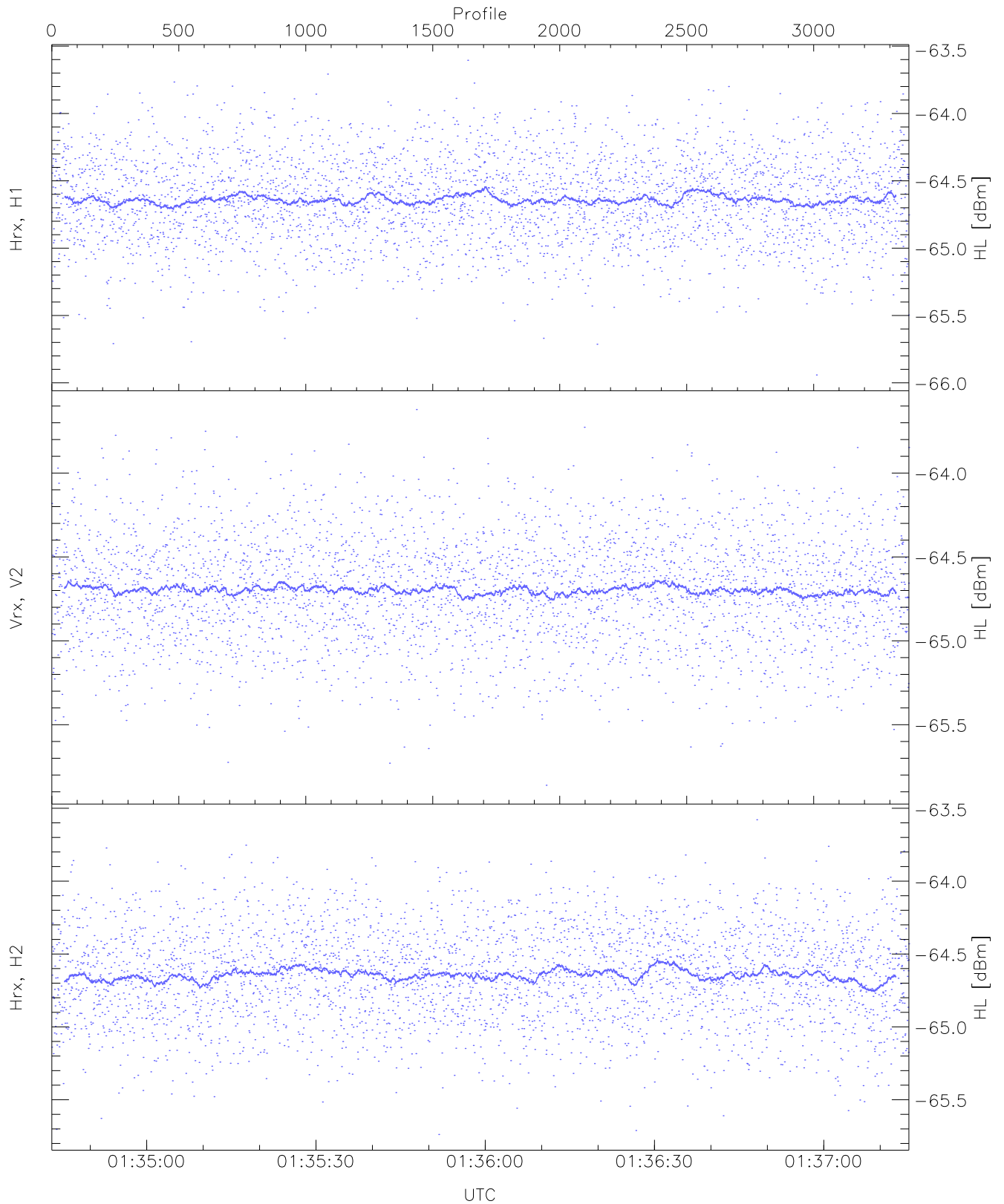
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.41	-65.19	-65.29	-65.30	-86.69
RMPHrxH1(std_dBm)	-75.90	-74.74	-75.31	-75.32	-89.12
RMPVrxV2(mean_dBm)	-65.07	-64.81	-64.95	-64.95	-86.21
RMPVrxV2(std_dBm)	-75.61	-74.45	-74.97	-74.98	-88.78
RMPHrxH2(mean_dBm)	-65.00	-64.77	-64.88	-64.88	-86.37
RMPHrxH2(std_dBm)	-75.54	-74.27	-74.90	-74.91	-88.74



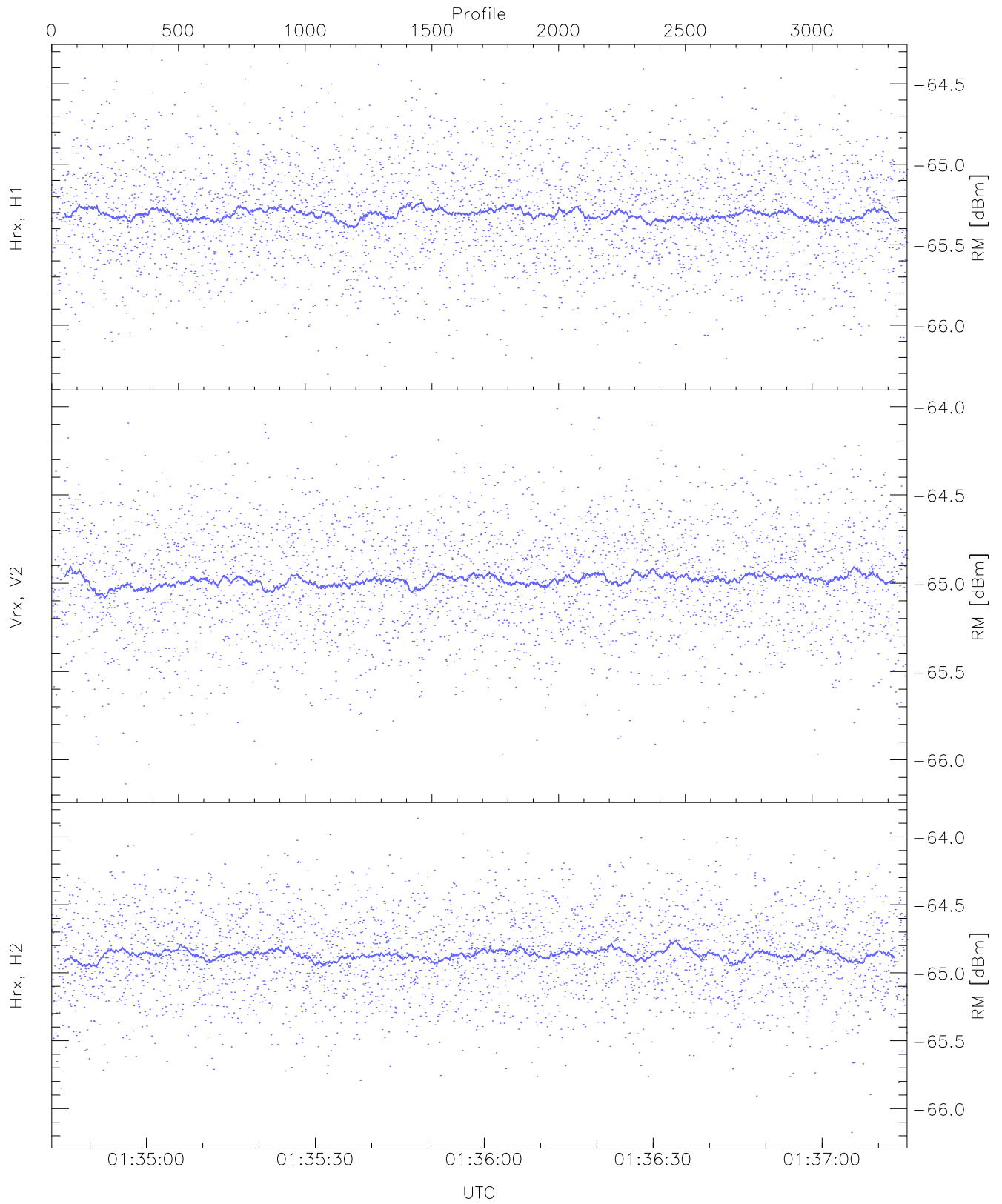
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.91	-63.87	-64.84	-64.84	-76.39
Vrx, V2 (WL [dBm])	-66.22	-63.82	-64.89	-64.90	-76.33
Hrx, H2 (WL [dBm])	-66.03	-63.67	-64.84	-64.85	-76.30



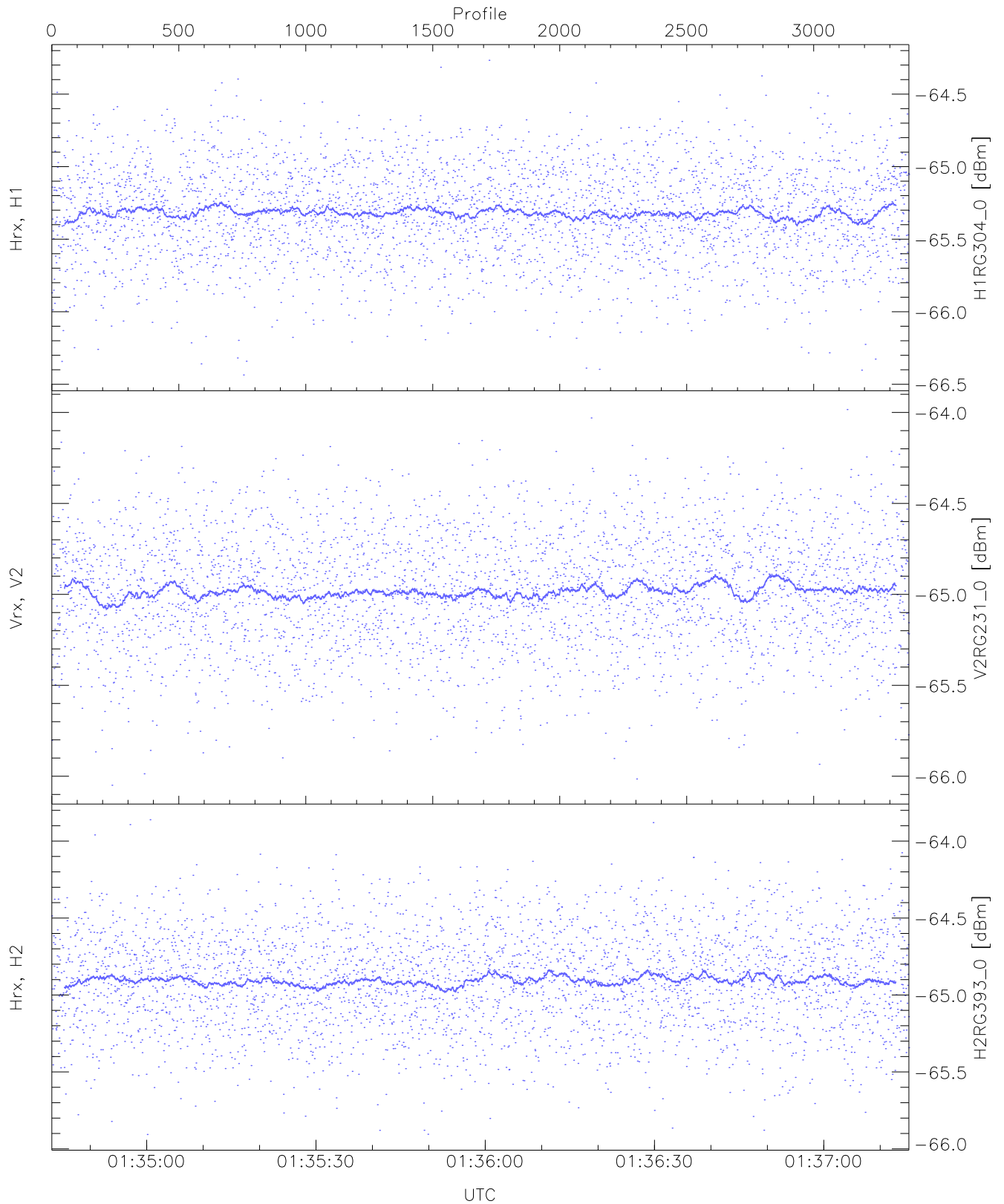
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.94	-63.61	-64.63	-64.64	-76.13
Vrx, V2 (HL [dBm])	-65.86	-63.62	-64.69	-64.70	-76.20
Hrx, H2 (HL [dBm])	-65.74	-63.58	-64.64	-64.64	-76.11



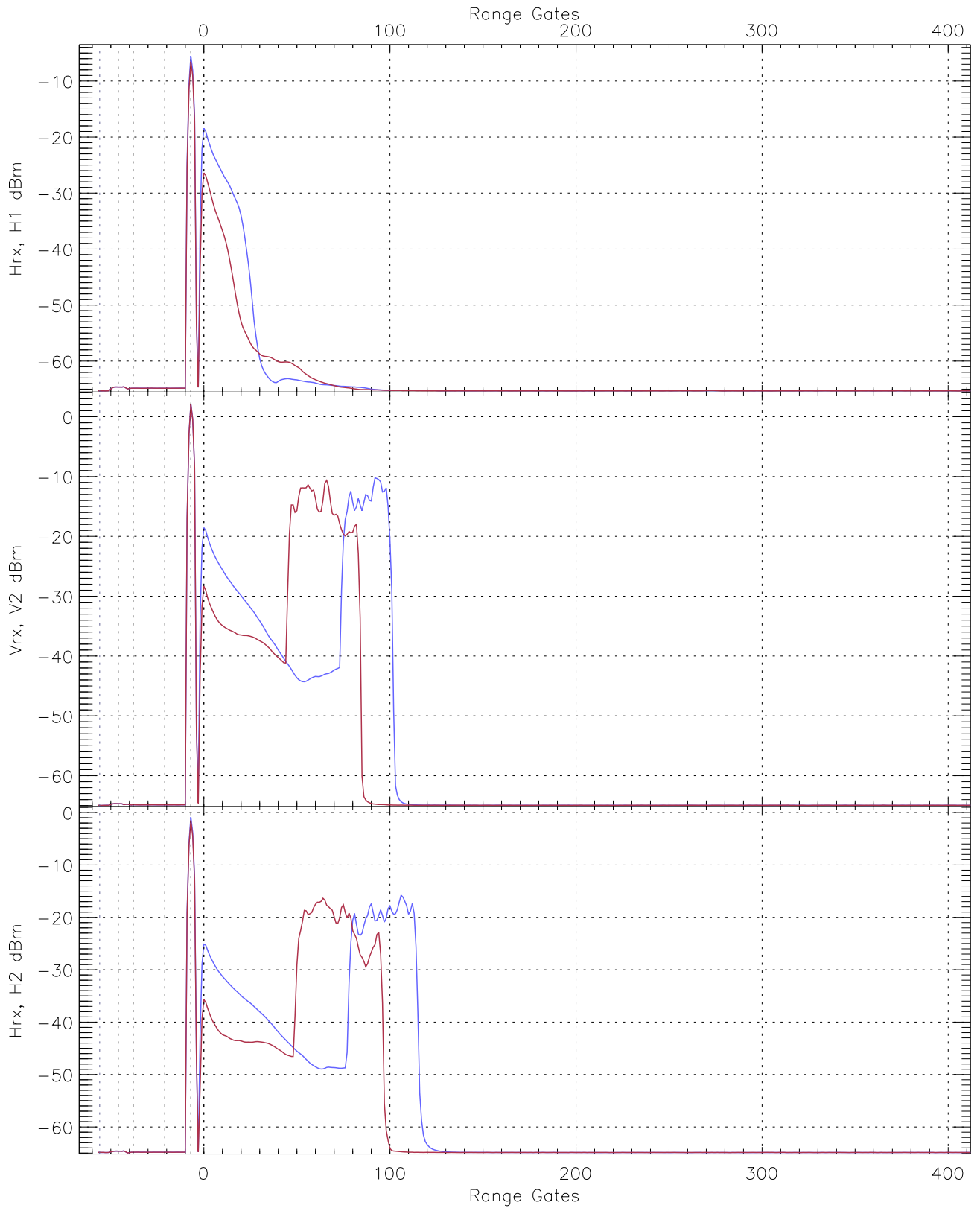
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.30	-64.35	-65.30	-65.31	-76.77
Vrx, V2 (RM [dBm])	-66.14	-64.01	-64.98	-64.98	-76.59
Hrx, H2 (RM [dBm])	-66.17	-63.86	-64.86	-64.87	-76.40

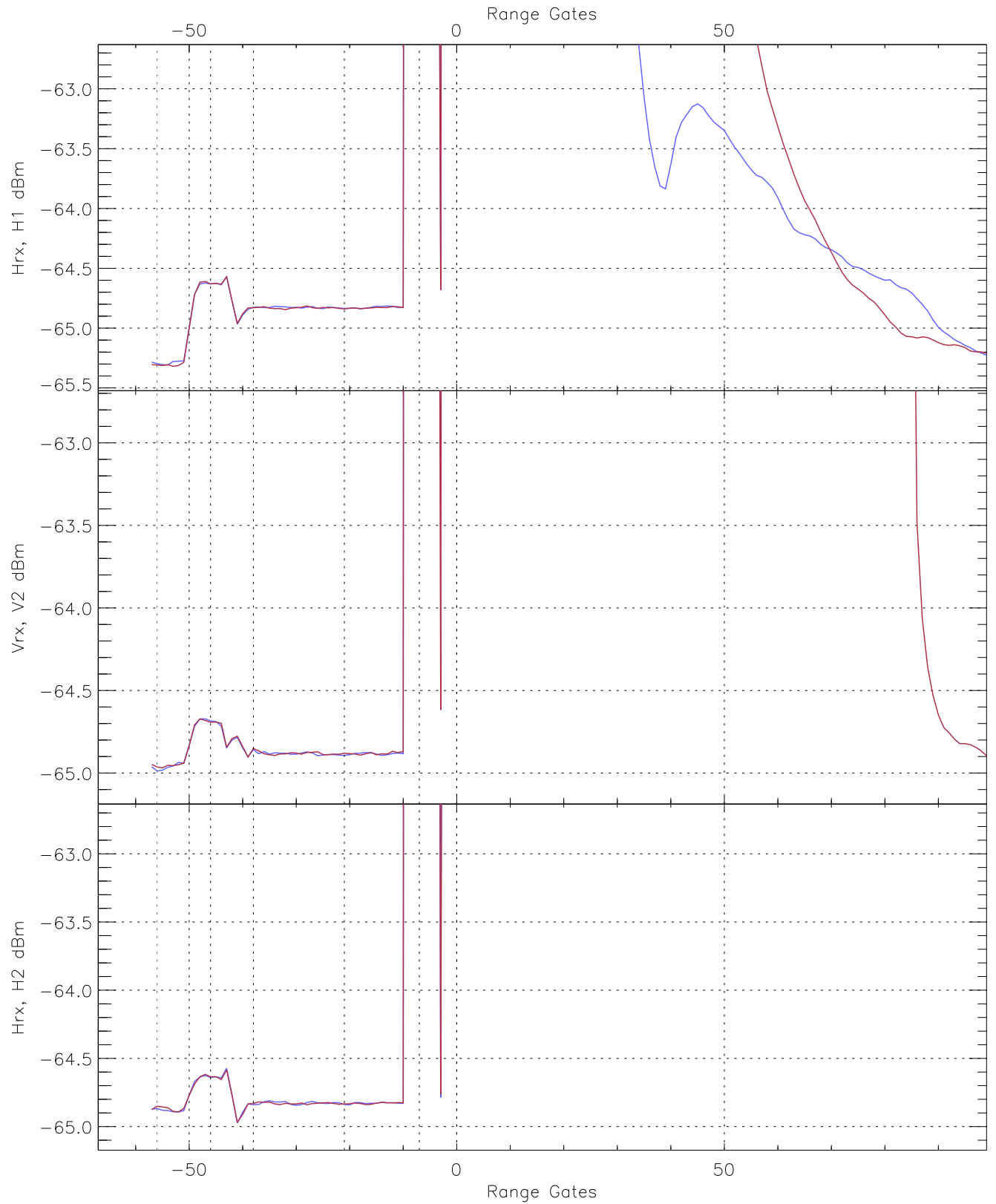


WCR3 CPP "Best" estimate Receivers Noise Power

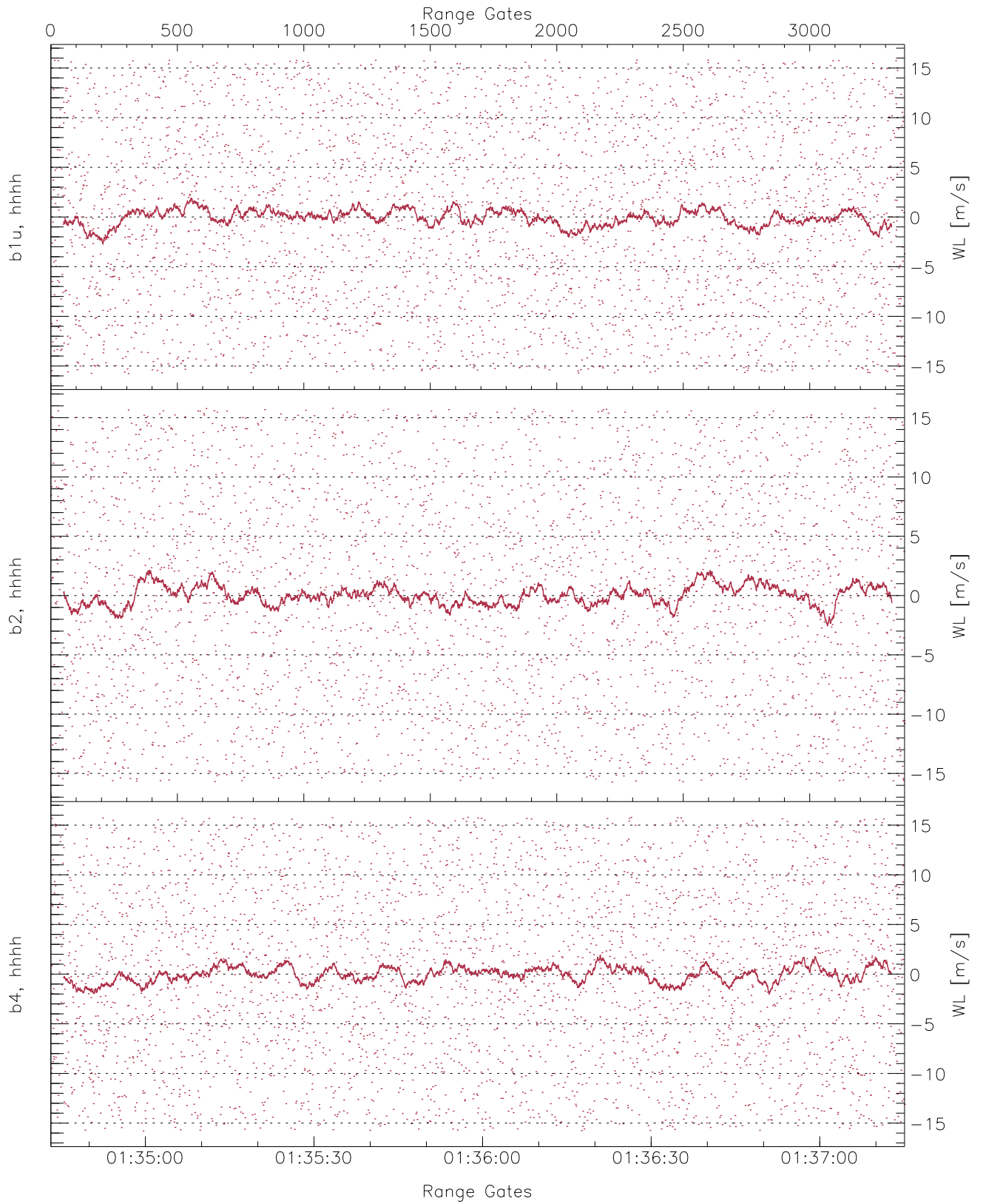
	Min	Max	Mean	Median	StDev
H1RG304_0 [dBm]	-66.44	-64.27	-65.31	-65.31	-76.80
V2RG231_0 [dBm]	-66.05	-63.98	-64.98	-64.98	-76.55
H2RG393_0 [dBm]	-65.91	-63.86	-64.90	-64.90	-76.43



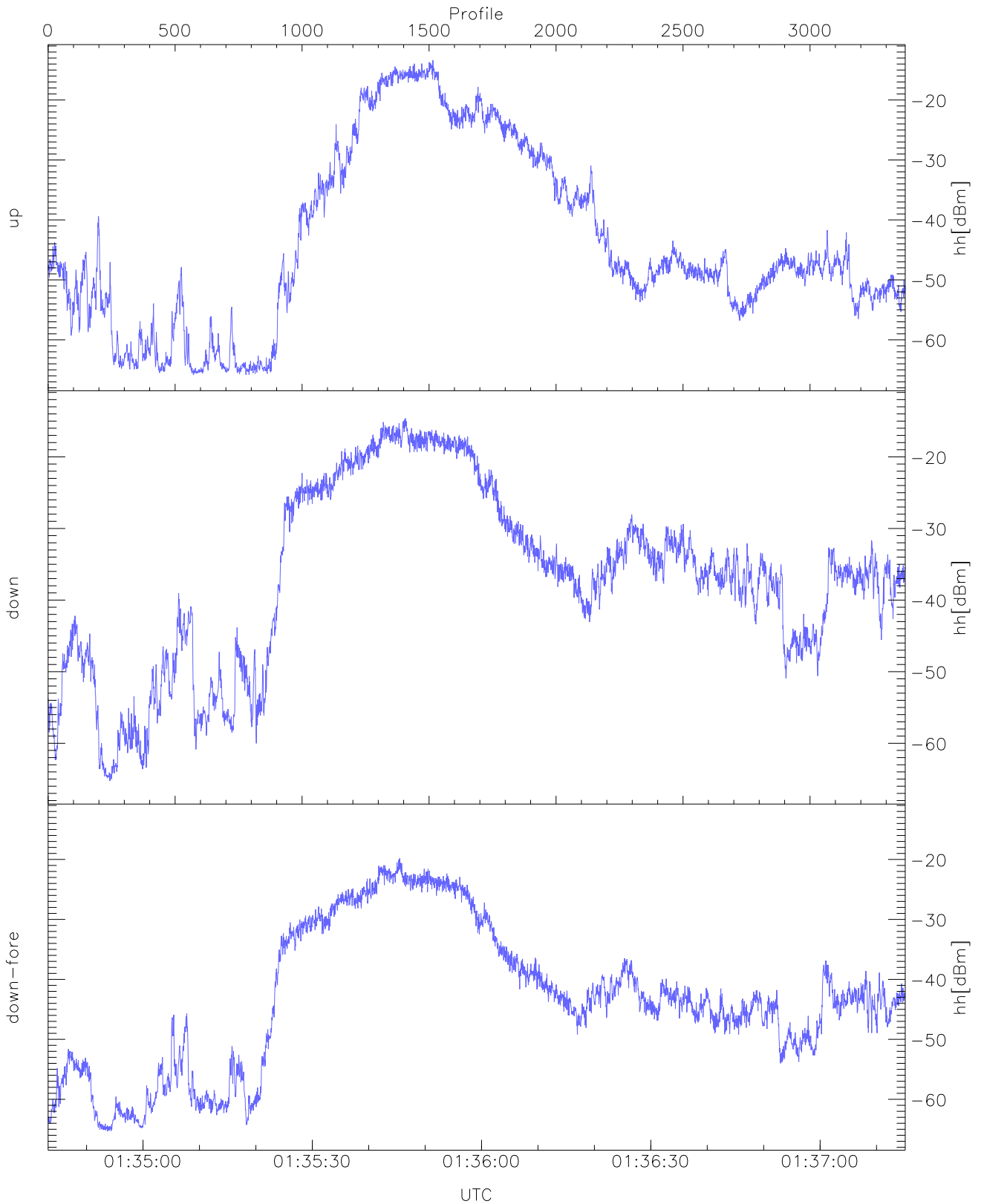
WCR3 CPP Averaged Received power for all recorded gates
blue: 013443-013559, 1689 profiles averaged
red: 013559-013715, 1688 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 013443-013559, 1689 profiles averaged
red: 013559-013715, 1688 profiles averaged

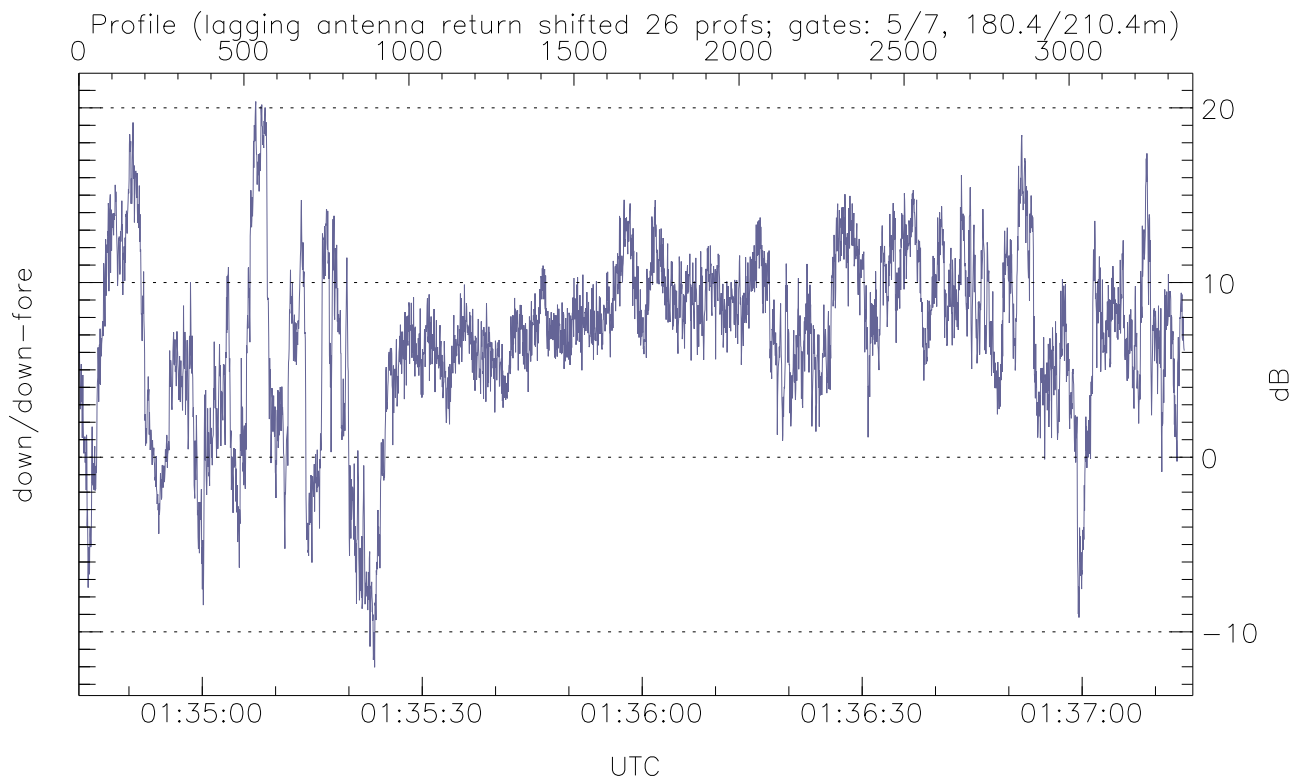
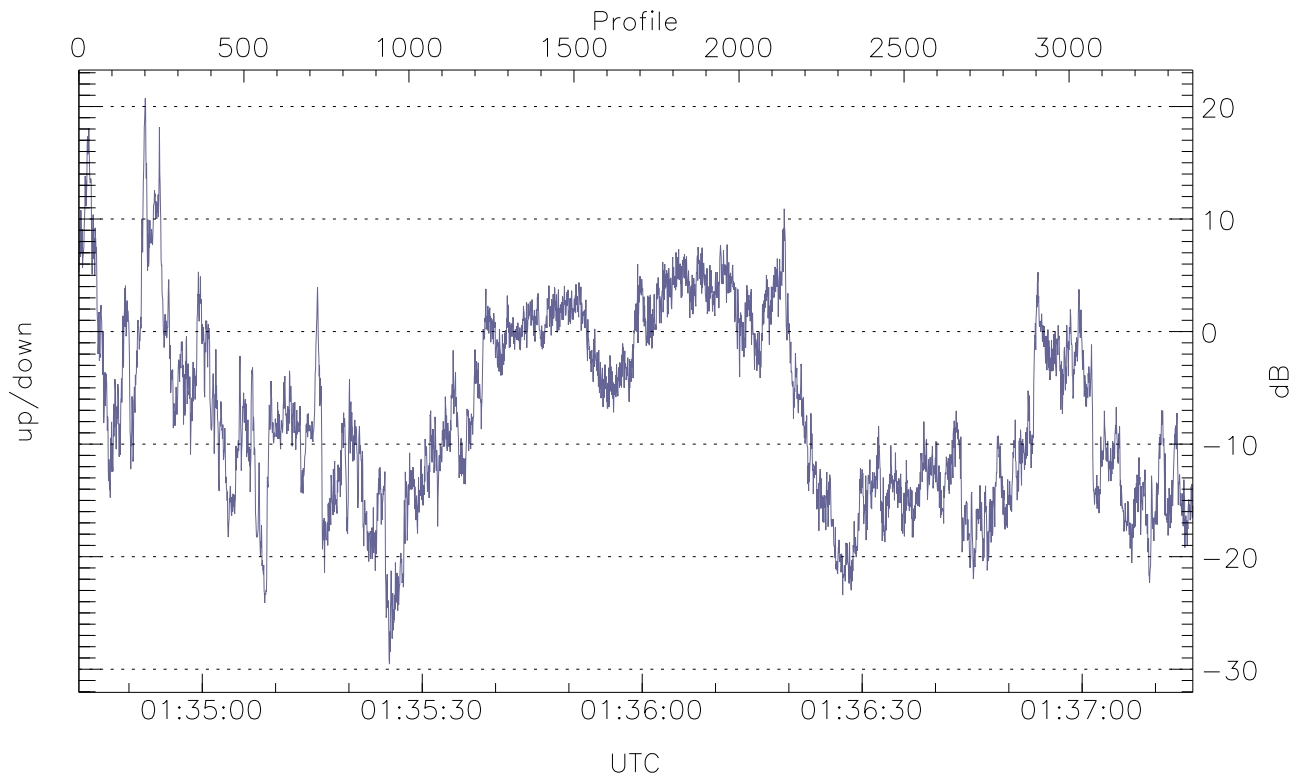


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



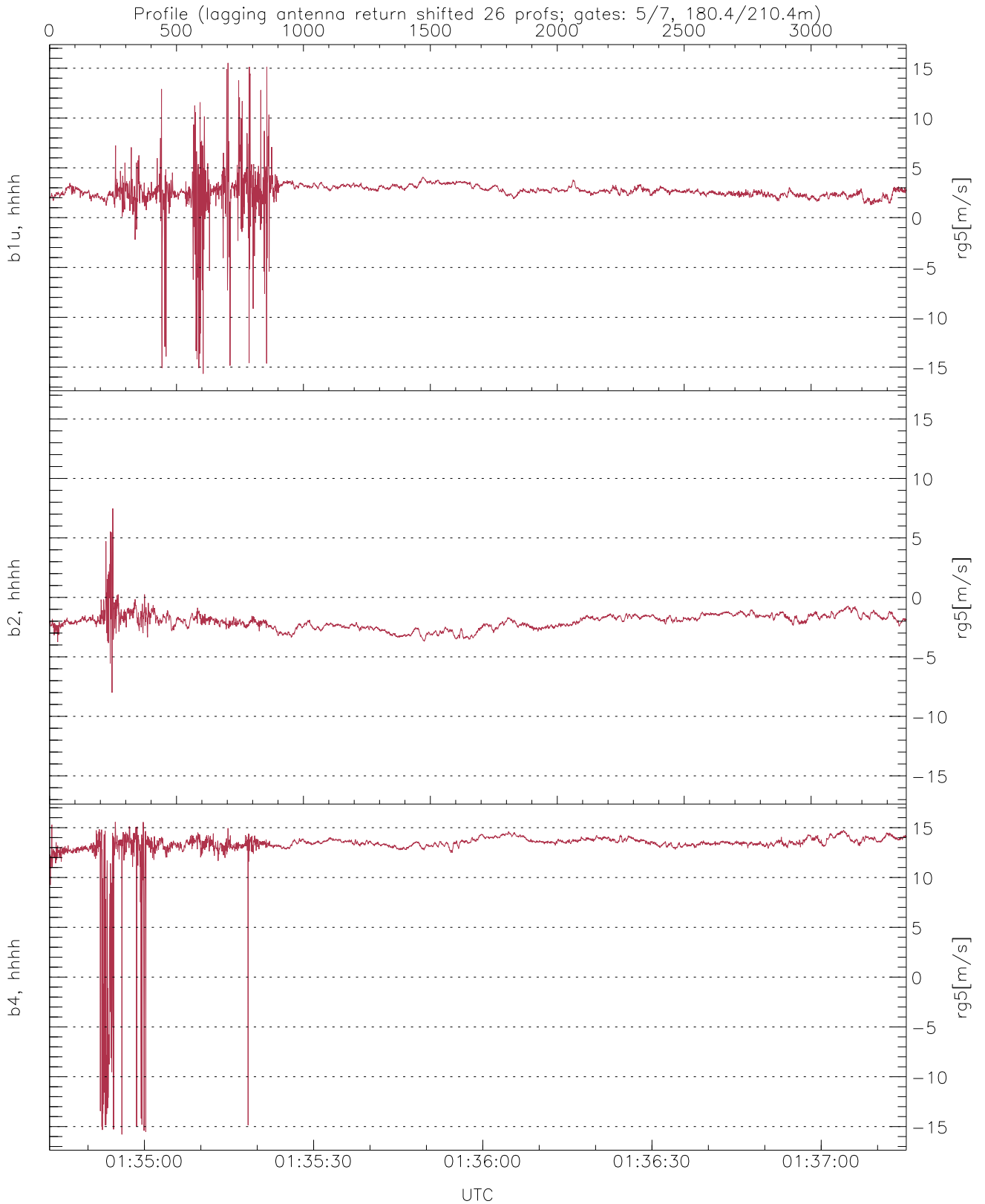
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-65.86	-13.39	-25.57
down(hh[dBm])	-65.24	-14.62	-25.29
down-fore(hh[dBm])	-65.35	-19.82	-31.30



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

	Min	Max	Mean
up/down (dB)	-29.54	20.73	-6.91
down/down-fore (dB)	-12.03	20.36	6.85



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.66	15.53	2.63	1.68
b2, hhhh(rg5[m/s])	-8.01	7.48	-2.04	0.72
b4, hhhh(rg5[m/s])	-15.79	15.57	13.20	2.61