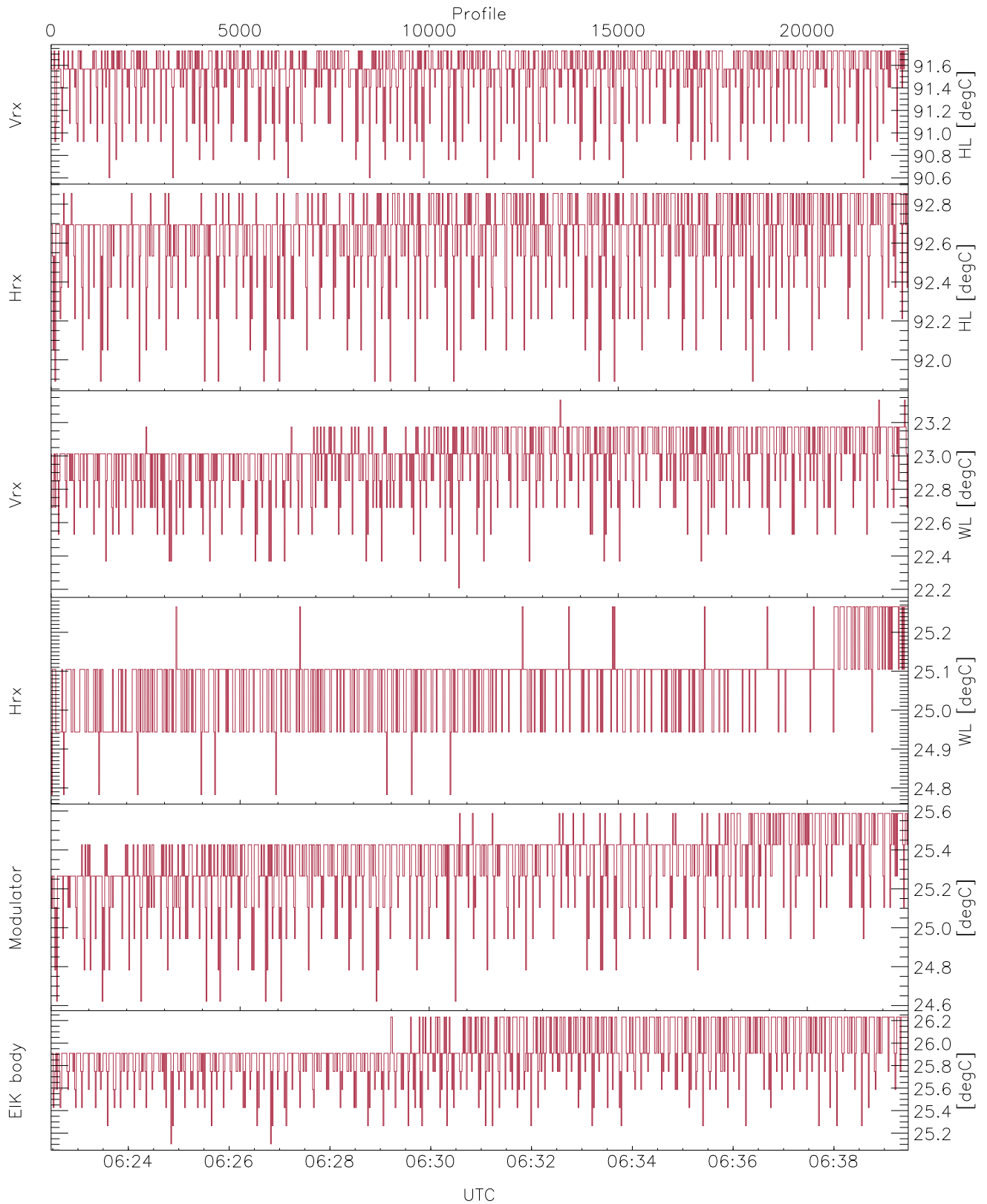


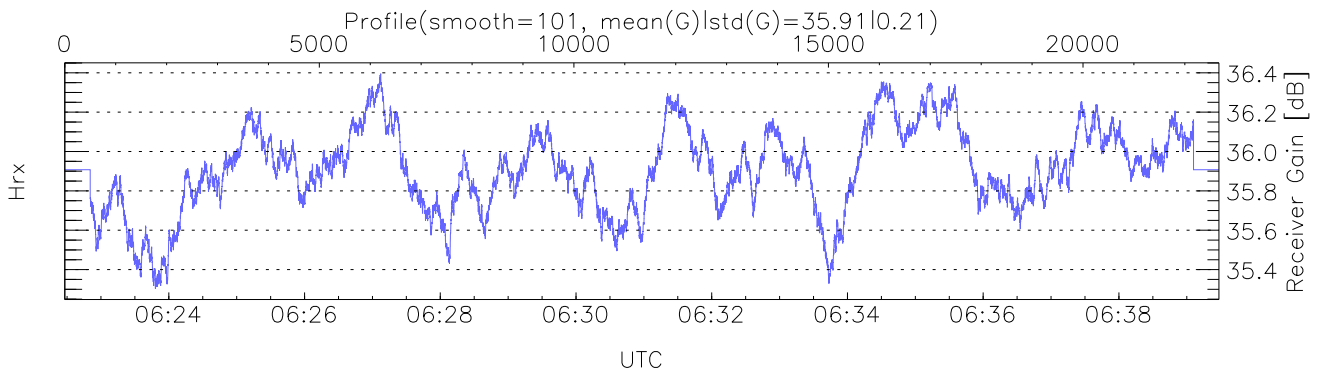
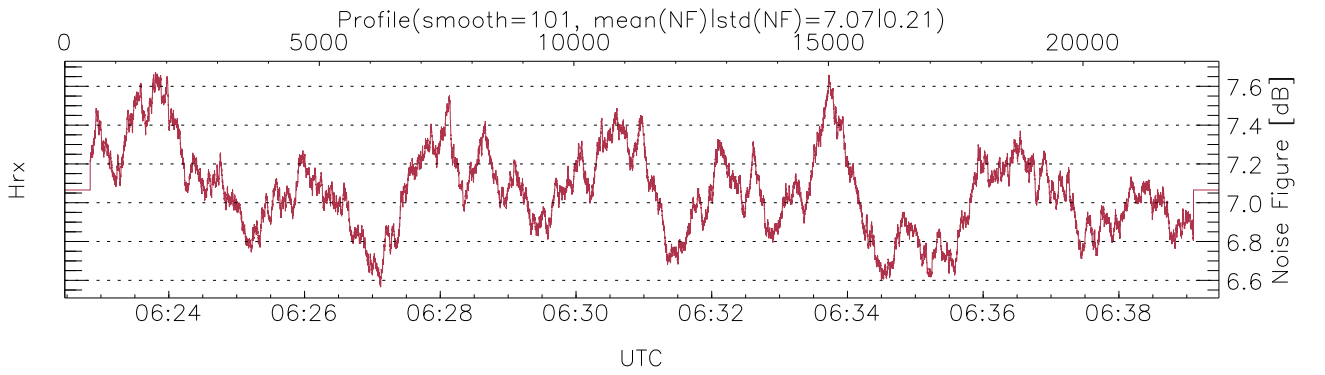
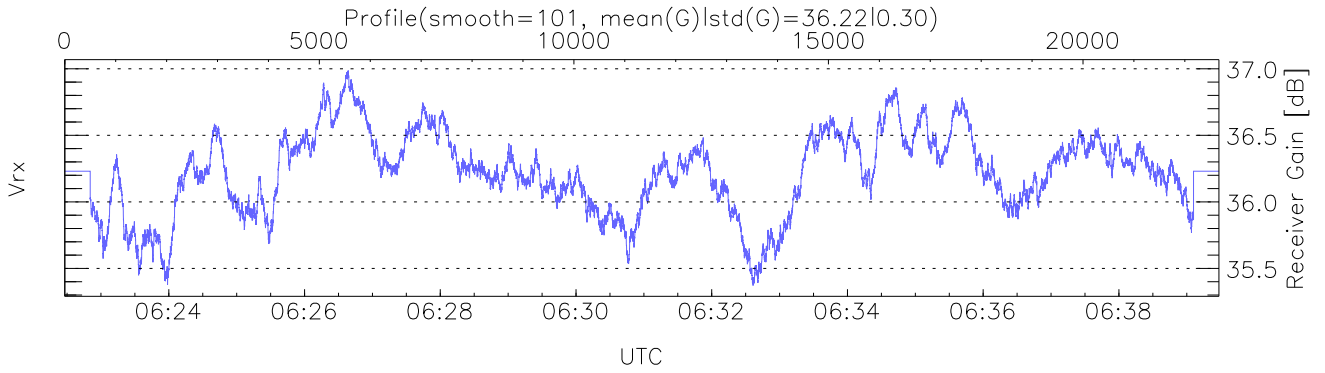
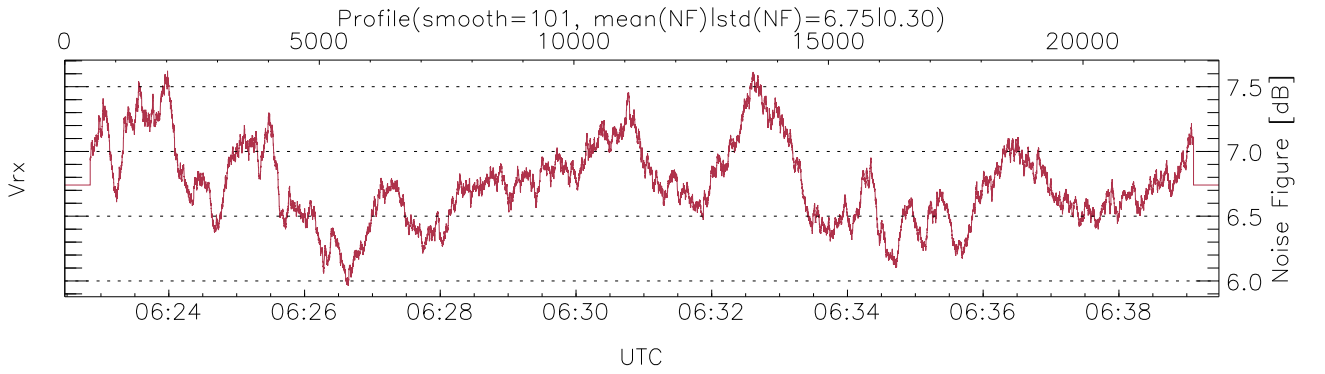
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 06:22:28-06:39:28, TimeCor: 0.00s, Dur: 1020.45s
 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): 22672/22672, 0-22671/06:22:28-06:39:28
 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



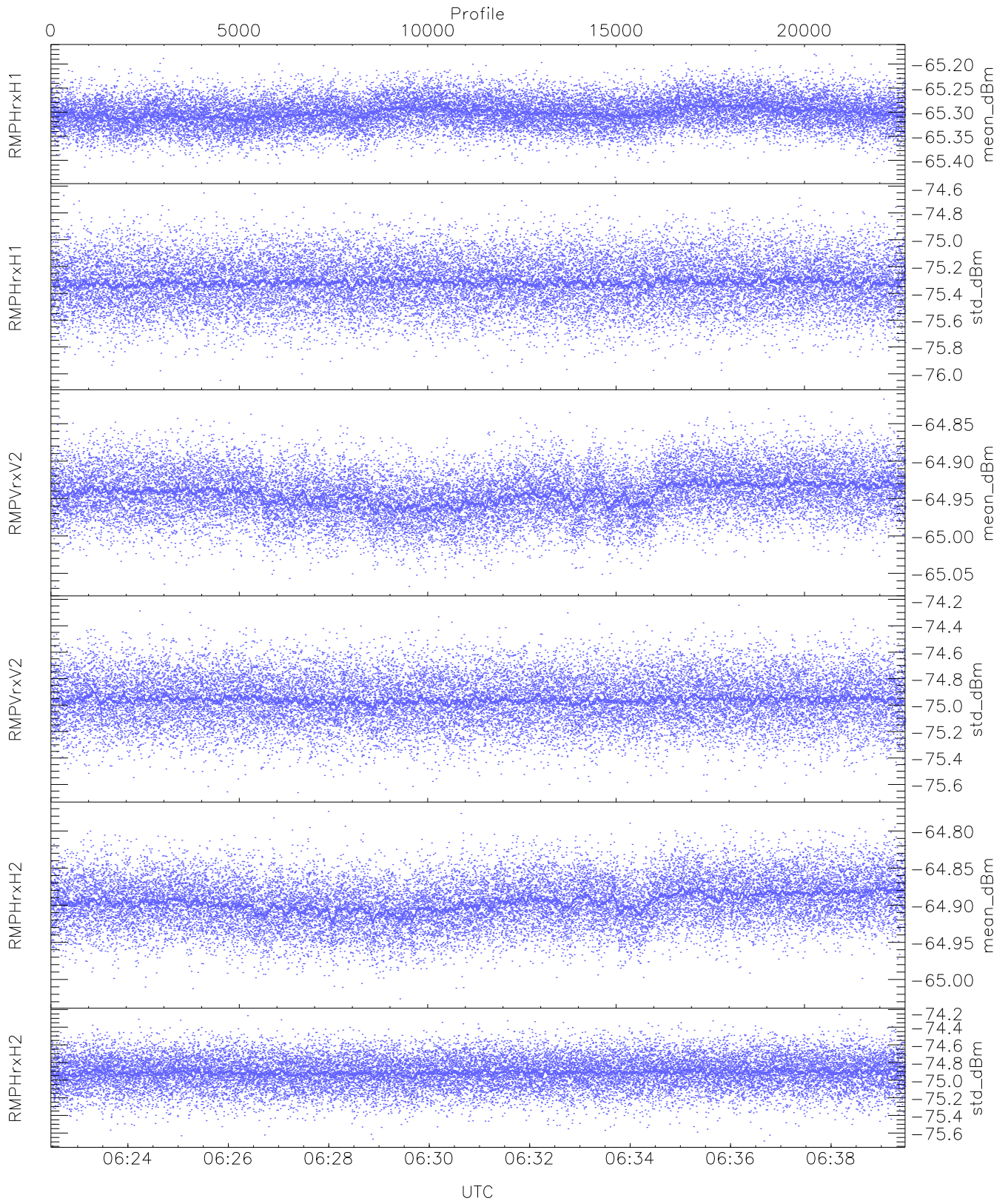
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,24,24,25
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,25,26
 LOalarm(20,240,2817,14861 MHz): 0,0,46,0
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (46,24,46,70,70,46)



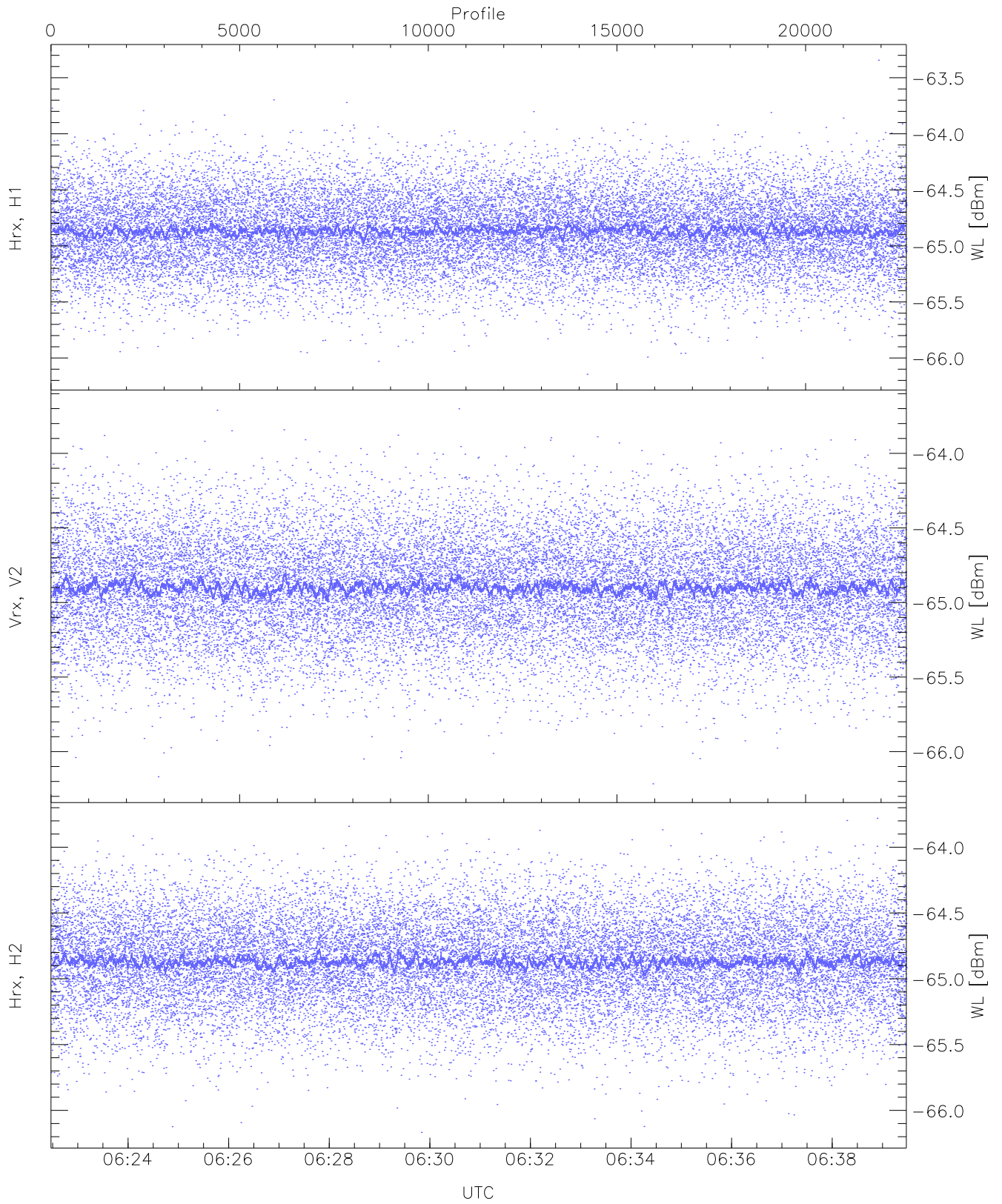
WCR3 CPP Receivers Gain and Noise Figure

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



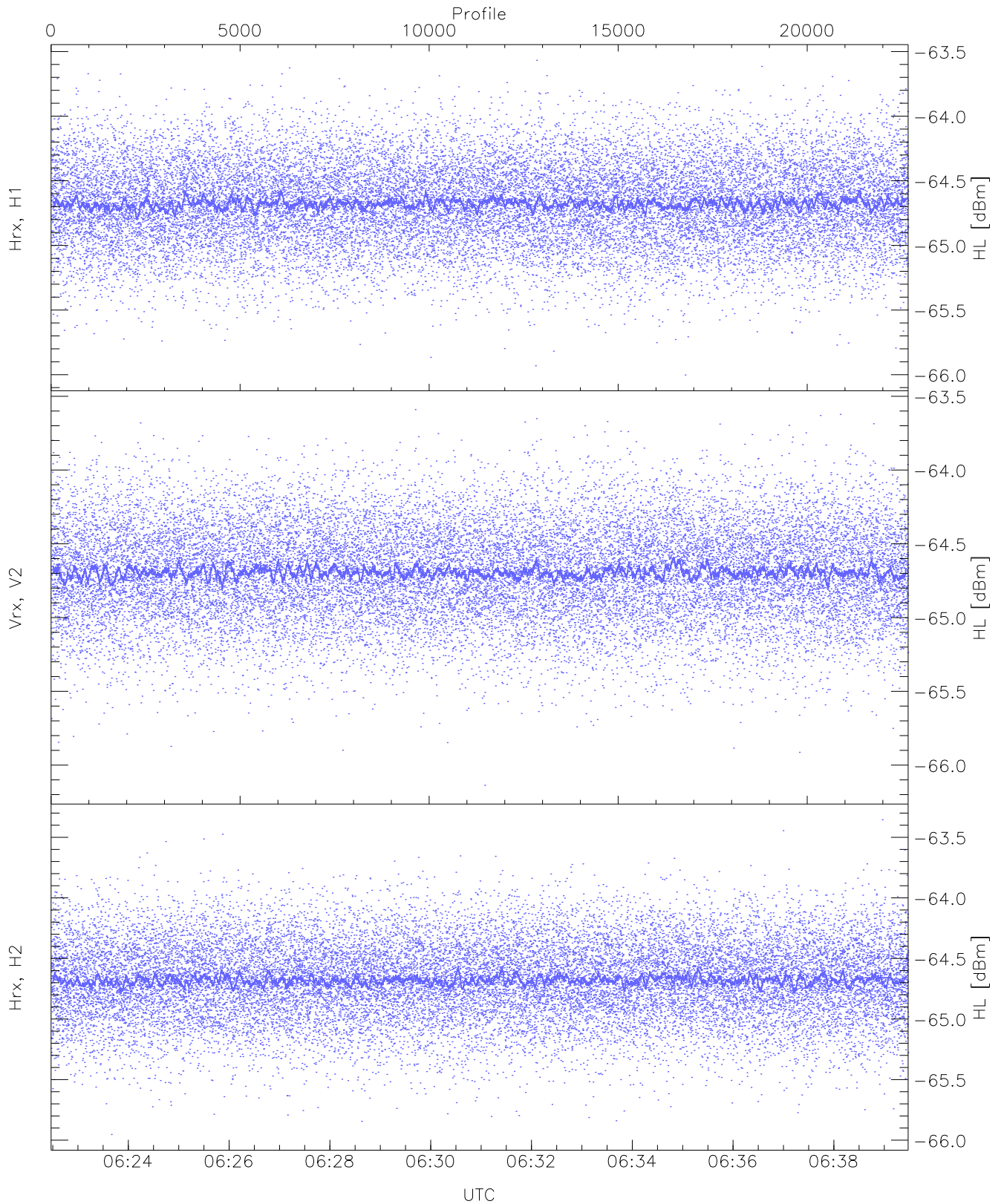
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.44	-65.17	-65.30	-65.30	-86.80
RMPHrxH1 (std_dBm)	-76.05	-74.65	-75.32	-75.32	-89.11
RMPVrxV2 (mean_dBm)	-65.07	-64.82	-64.94	-64.94	-86.30
RMPVrxV2 (std_dBm)	-75.66	-74.24	-74.96	-74.96	-88.74
RMPHrxH2 (mean_dBm)	-65.03	-64.77	-64.90	-64.90	-86.29
RMPHrxH2 (std_dBm)	-75.69	-74.26	-74.91	-74.91	-88.73



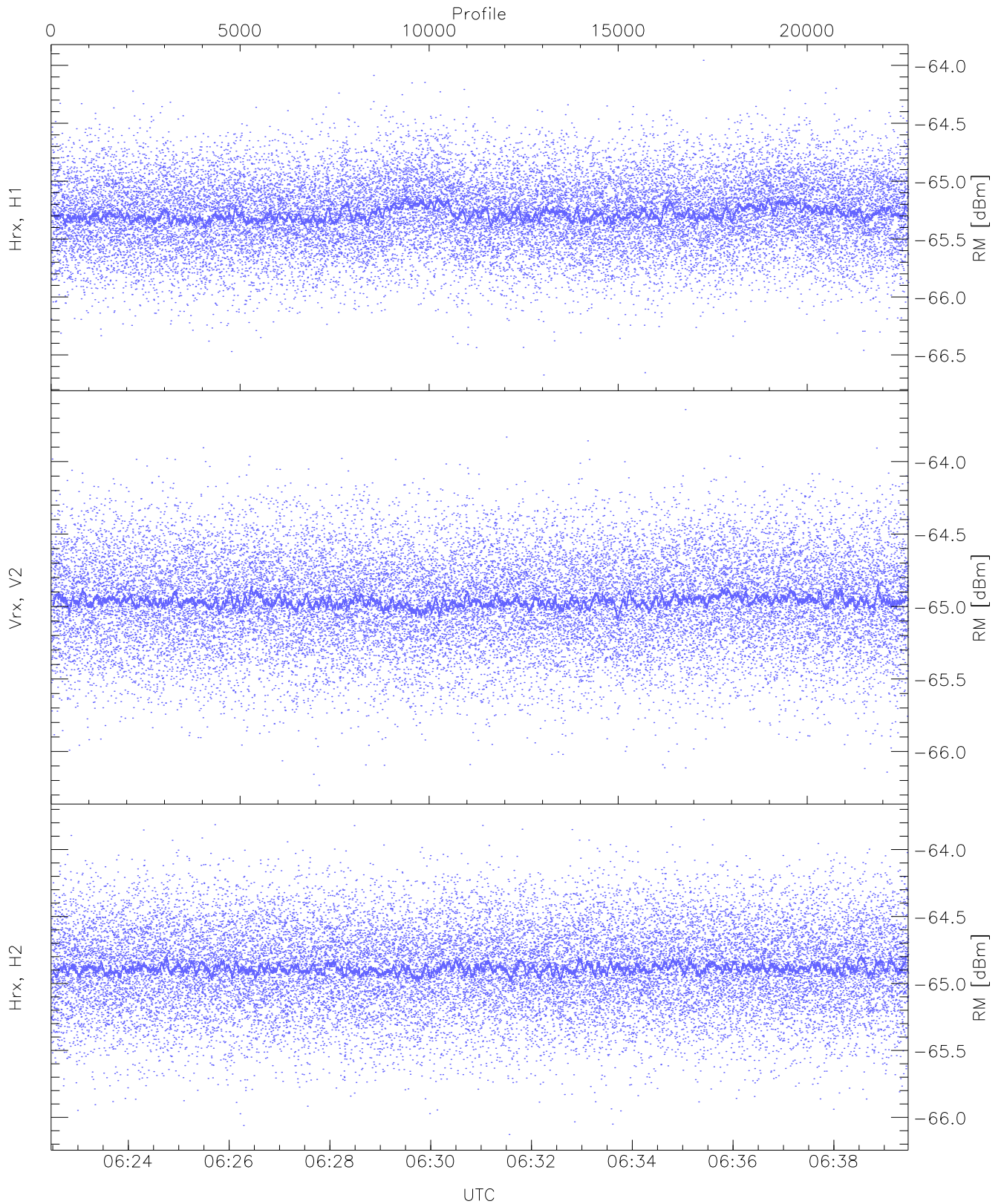
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.15	-63.34	-64.86	-64.87	-76.36
Vrx, V2 (WL [dBm])	-66.22	-63.70	-64.89	-64.90	-76.38
Hrx, H2 (WL [dBm])	-66.17	-63.78	-64.86	-64.87	-76.38



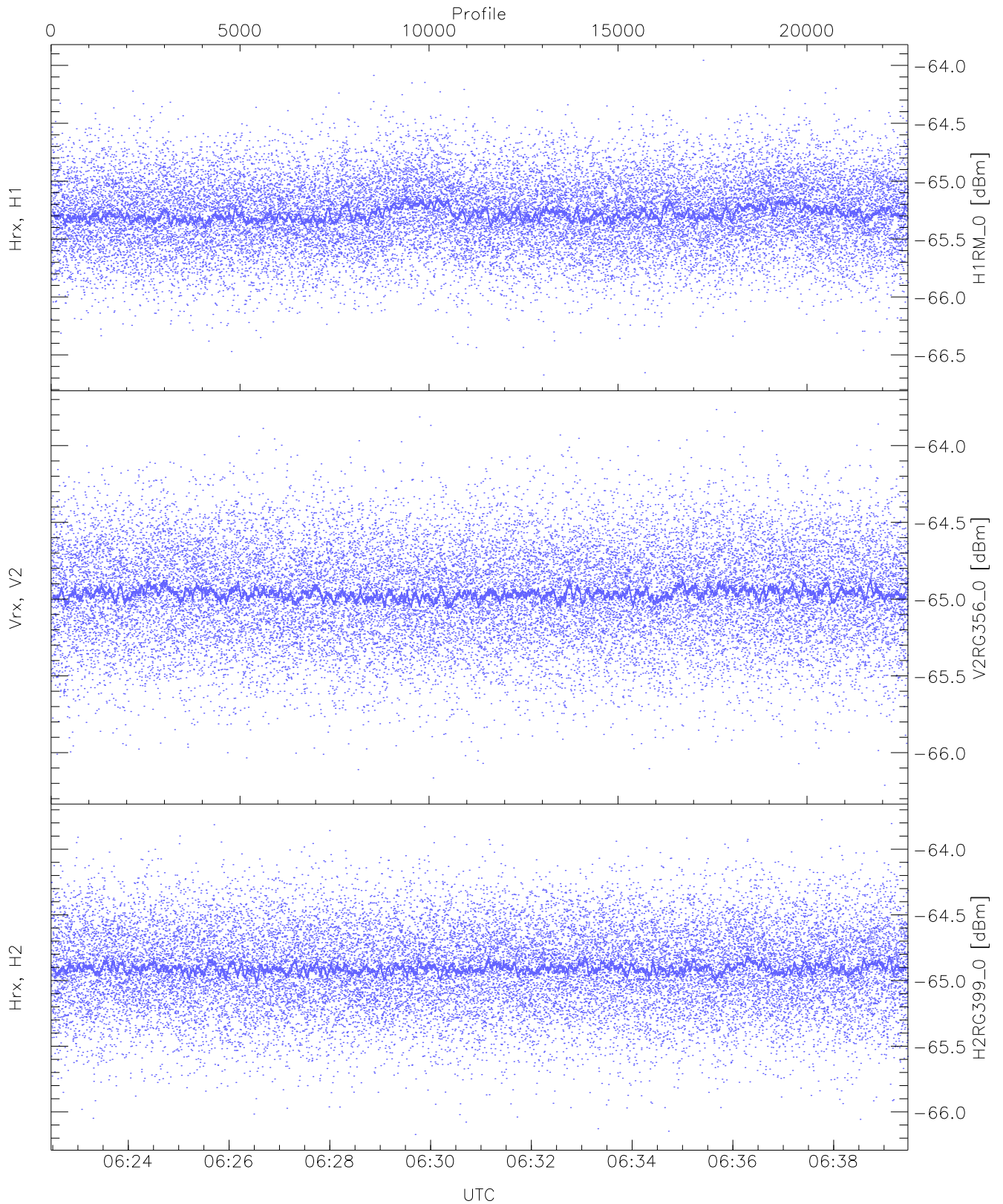
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.00	-63.57	-64.67	-64.68	-76.19
Vrx, V2 (HL [dBm])	-66.14	-63.59	-64.69	-64.69	-76.20
Hrx, H2 (HL [dBm])	-65.95	-63.36	-64.67	-64.68	-76.16



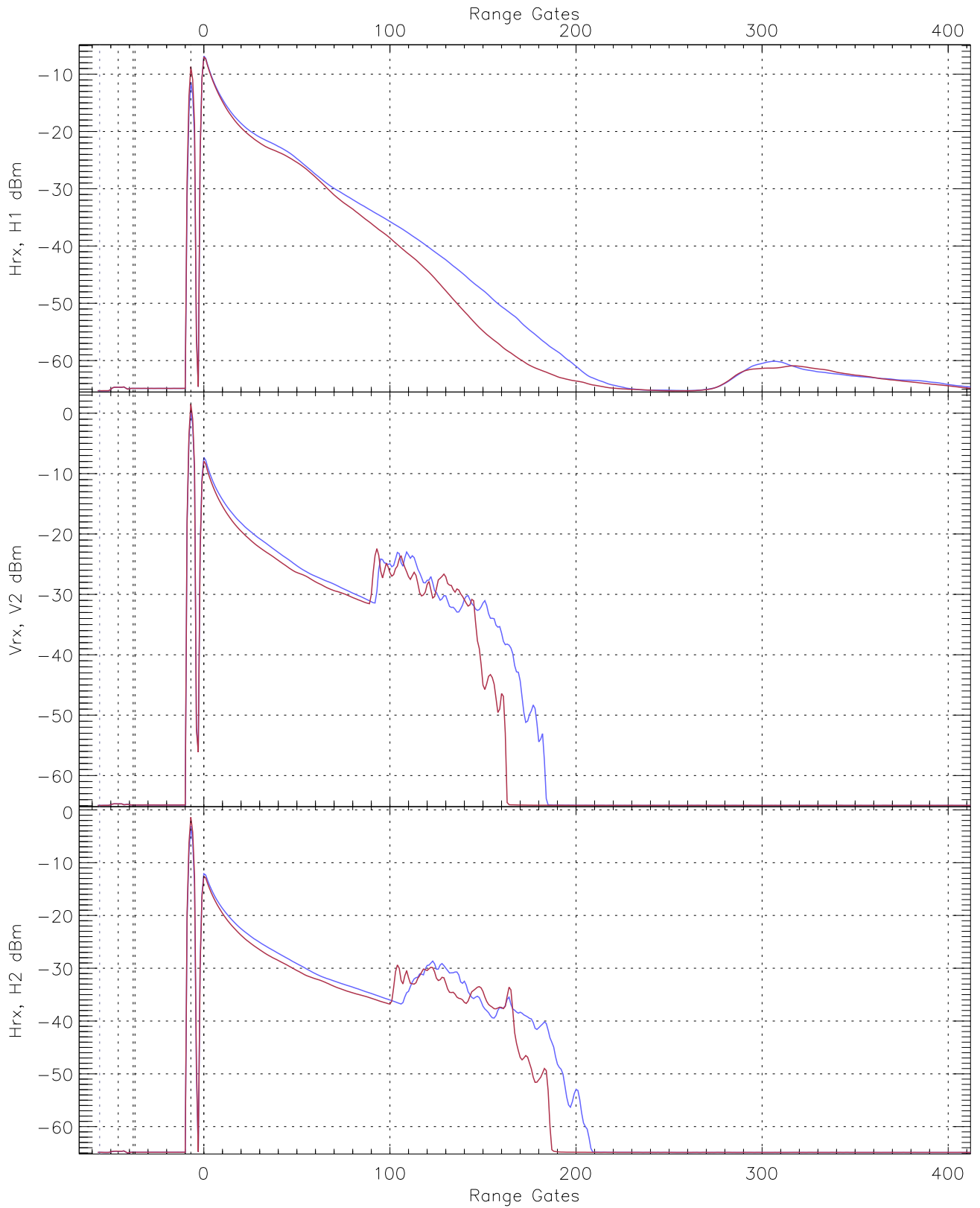
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.67	-63.96	-65.27	-65.28	-76.76
Vrx, V2 (RM [dBm])	-66.23	-63.64	-64.96	-64.96	-76.43
Hrx, H2 (RM [dBm])	-66.13	-63.78	-64.88	-64.89	-76.36

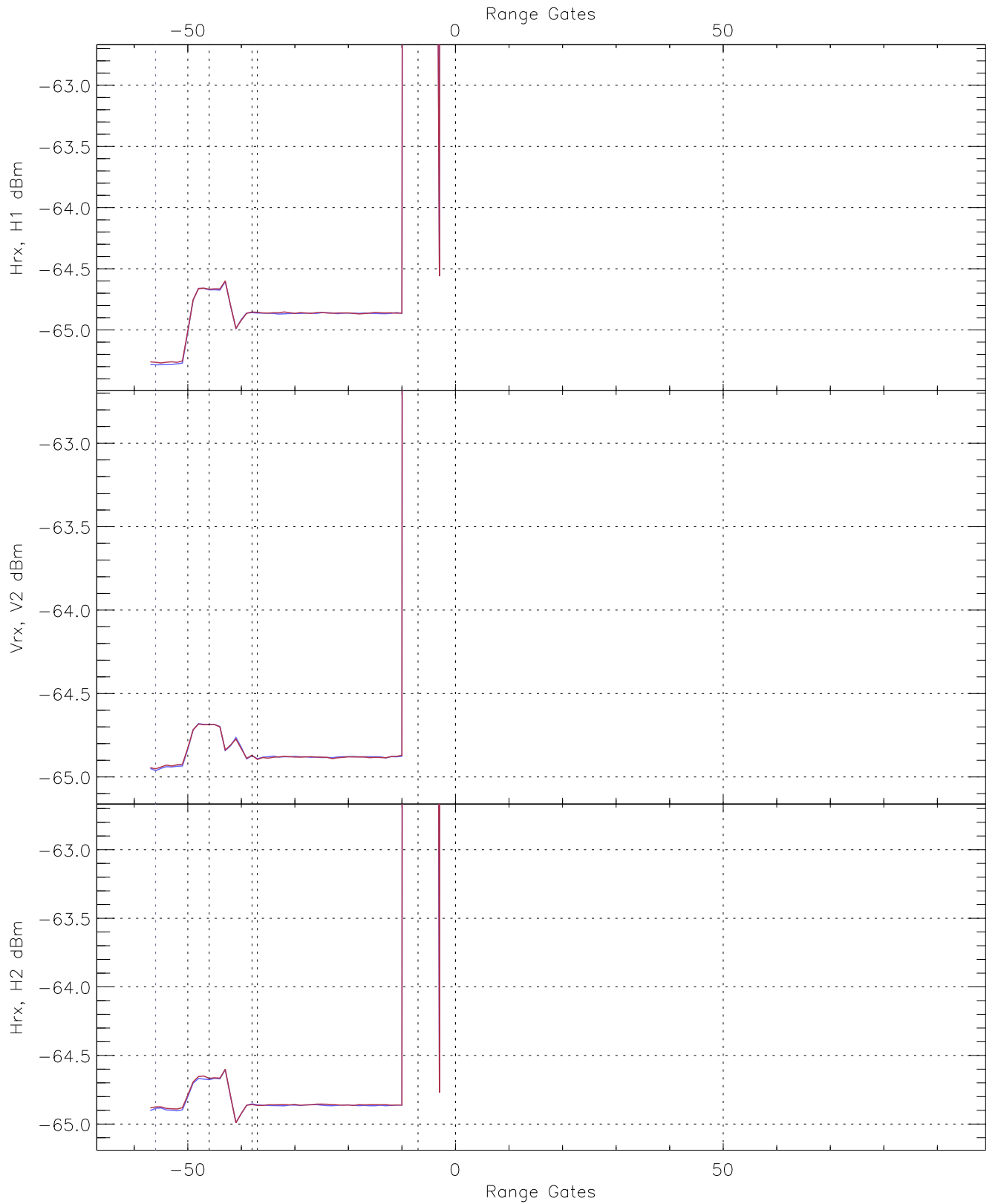


WCR3 CPP "Best" estimate Receivers Noise Power

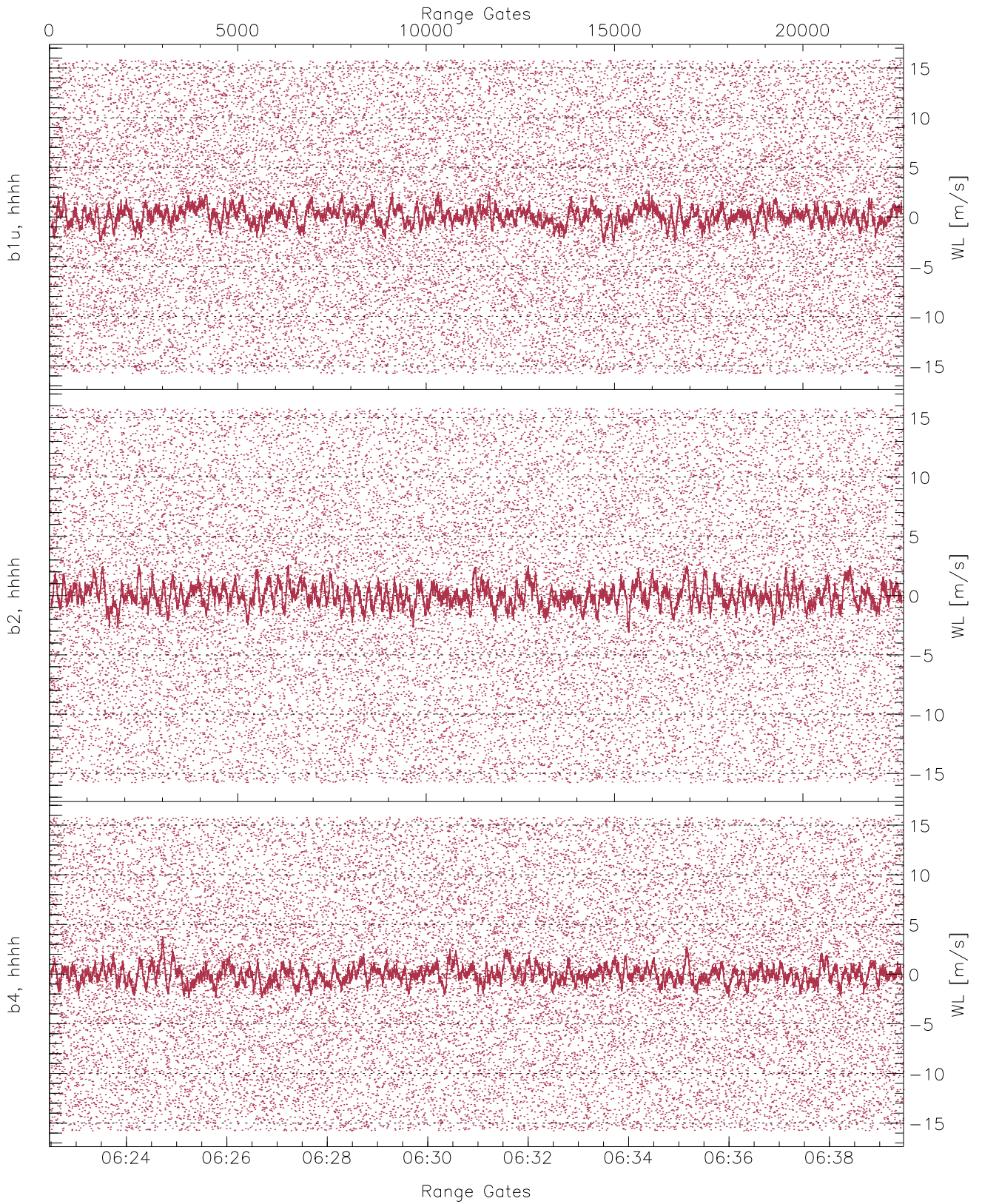
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.67	-63.96	-65.27	-65.28	-76.76
V2RG356_0 [dBm]	-66.21	-63.77	-64.96	-64.96	-76.43
H2RG399_0 [dBm]	-66.17	-63.78	-64.90	-64.91	-76.37



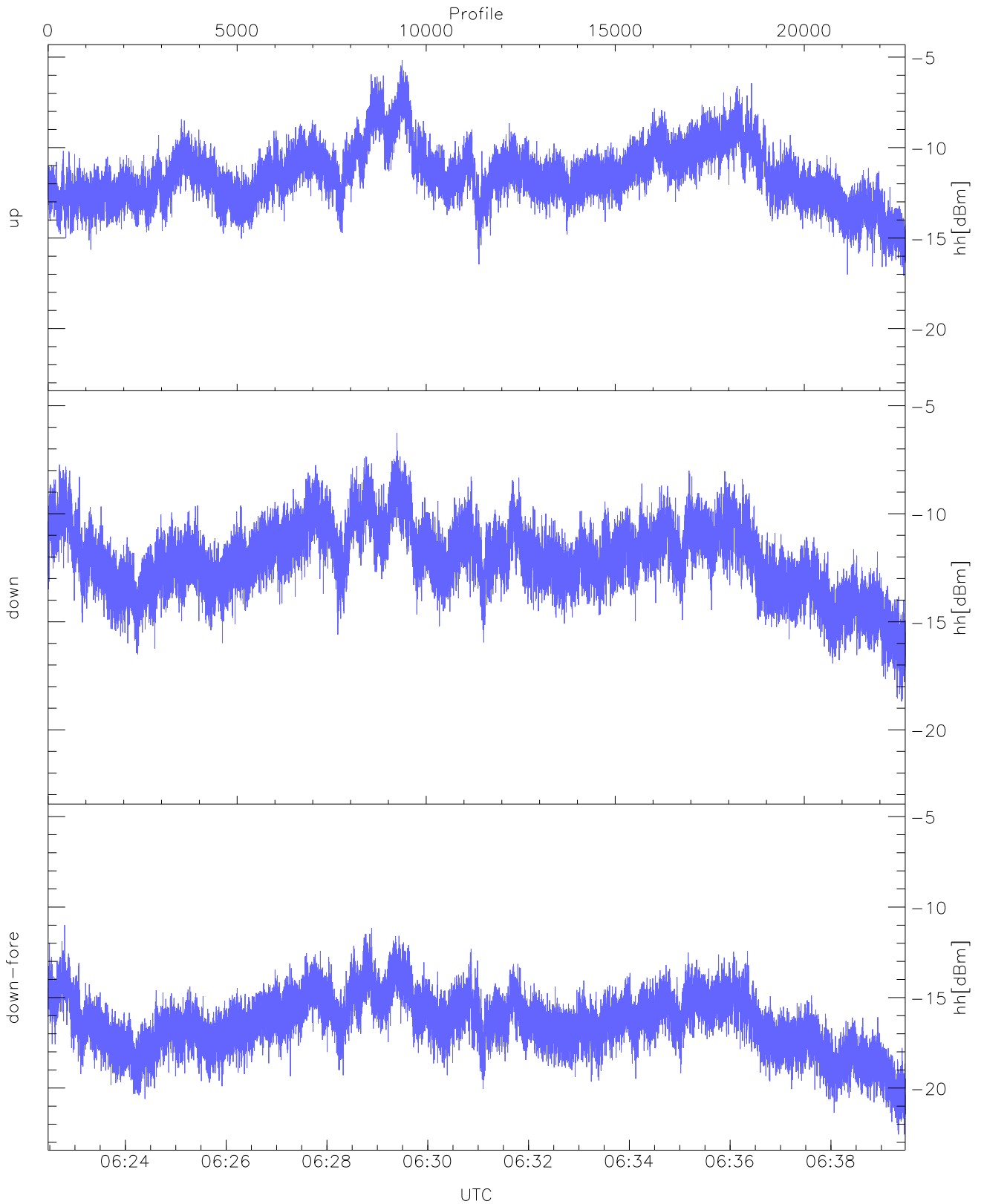
WCR3 CPP Averaged Received power for all recorded gates
blue: 062228-063058, 11337 profiles averaged
red: 063058-063928, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 062228-063058, 11337 profiles averaged
red: 063058-063928, 11336 profiles averaged

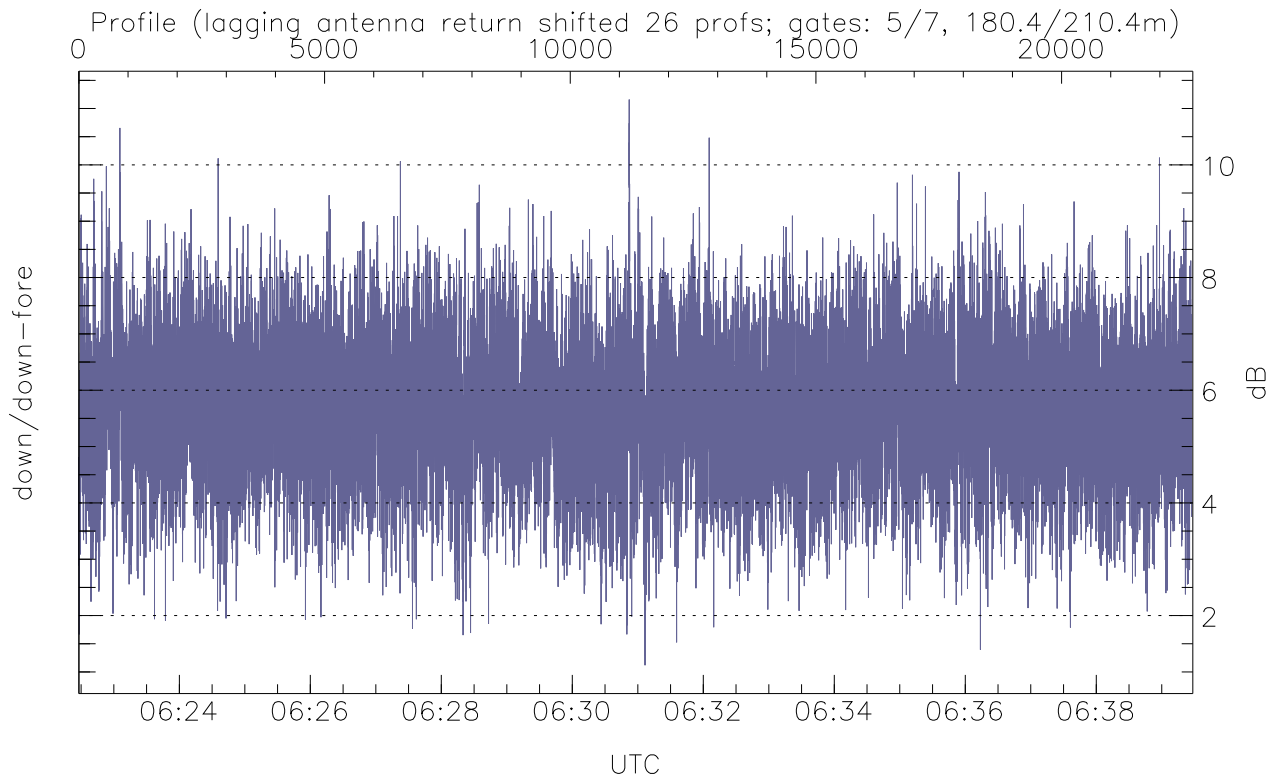
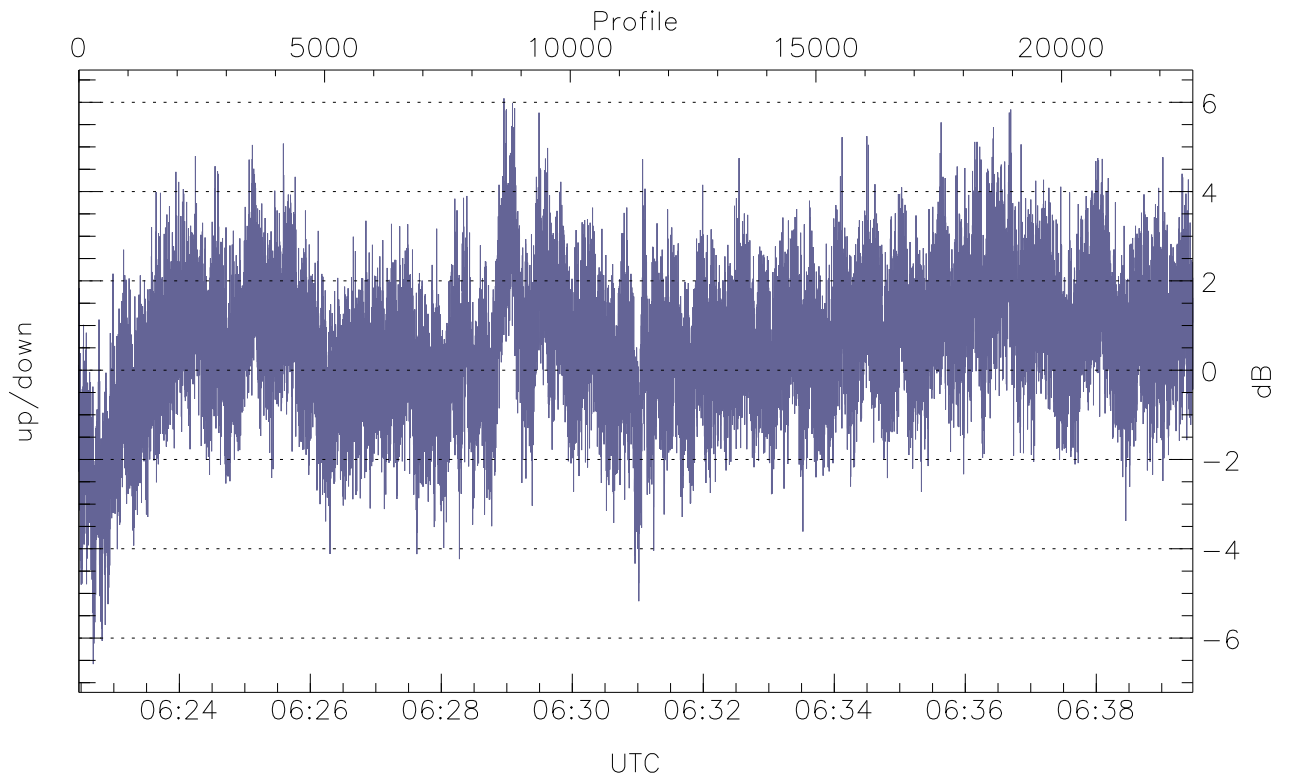


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



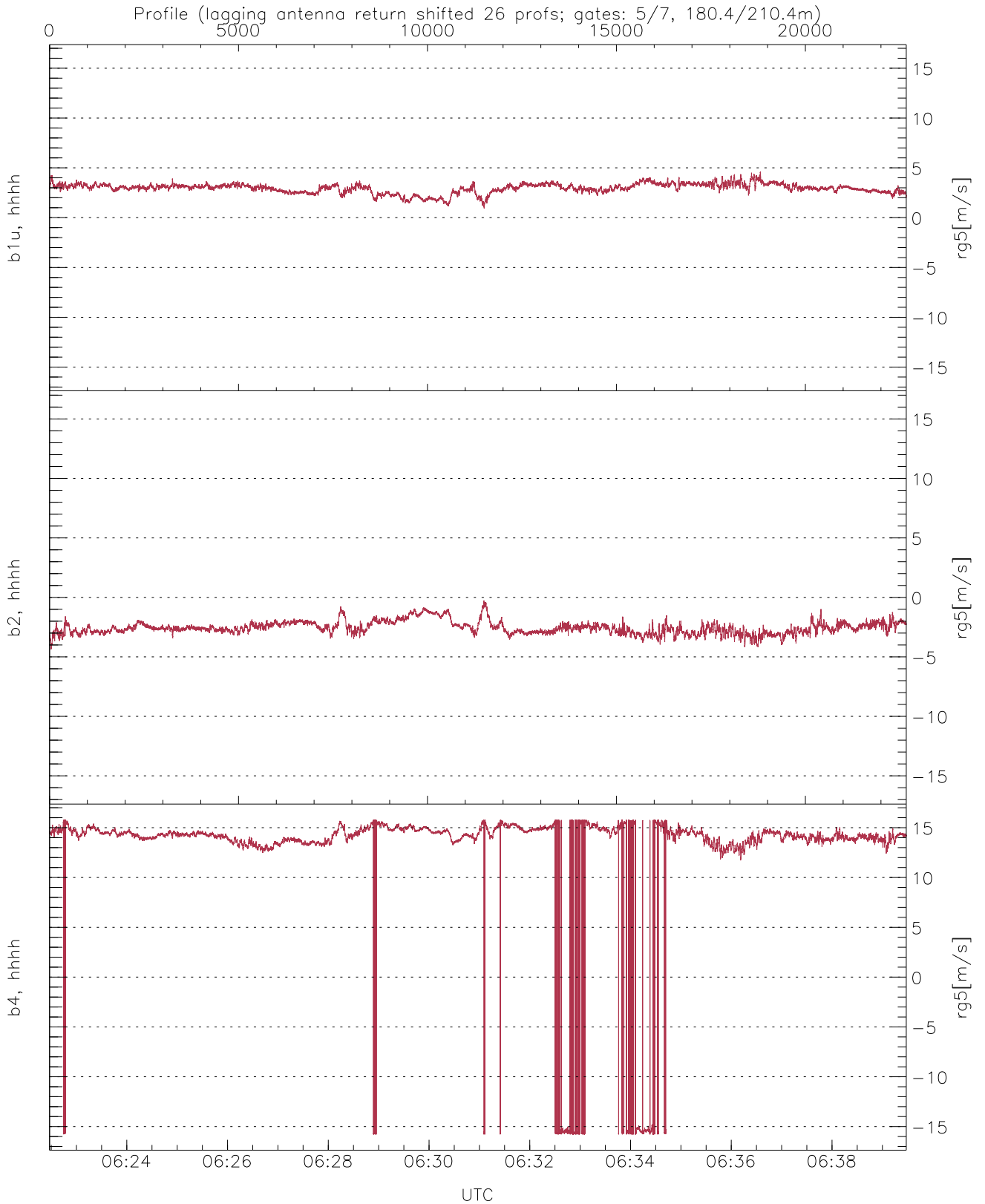
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-17.08	-5.18	-11.19
down(hh[dBm])	-18.69	-6.27	-11.78
down-fore(hh[dBm])	-22.57	-10.99	-16.10



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

	Min	Max	Mean
up/down (dB)	-6.58	6.09	0.57
down/down-fore (dB)	1.12	11.16	5.65



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.93	4.63	2.95	0.49
b2, hhhh(rg5[m/s])	-4.35	-0.27	-2.54	0.54
b4, hhhh(rg5[m/s])	-15.79	15.79	12.68	6.82