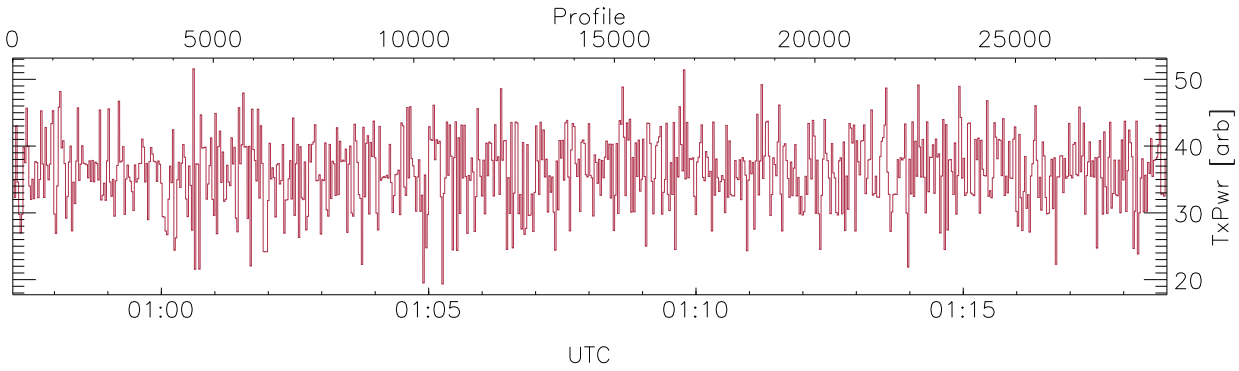
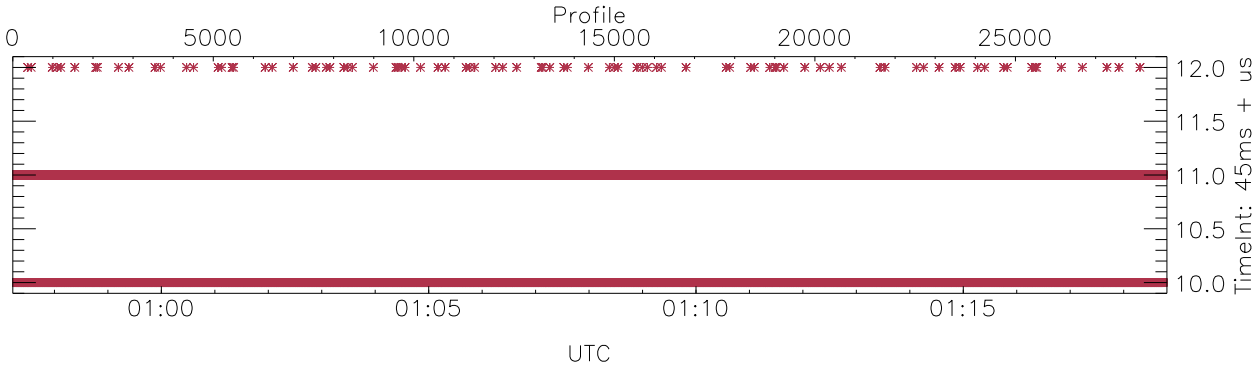
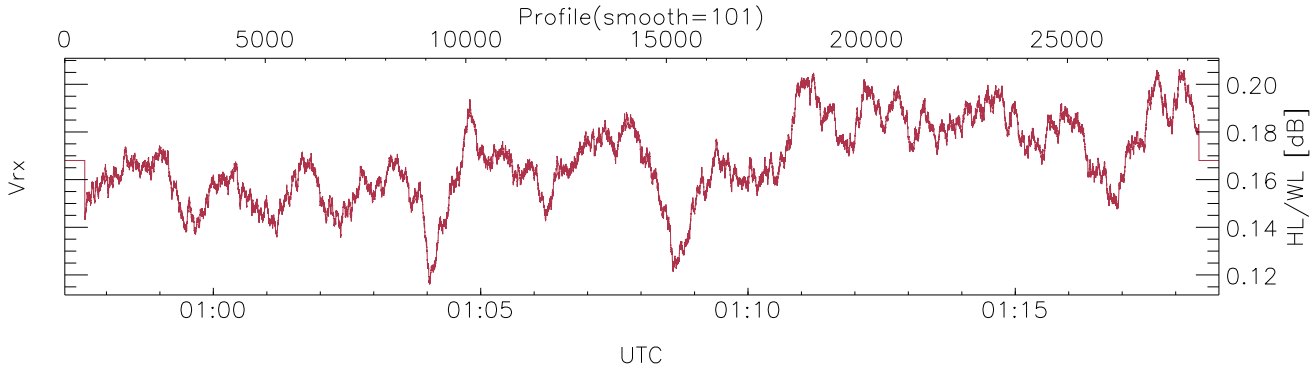
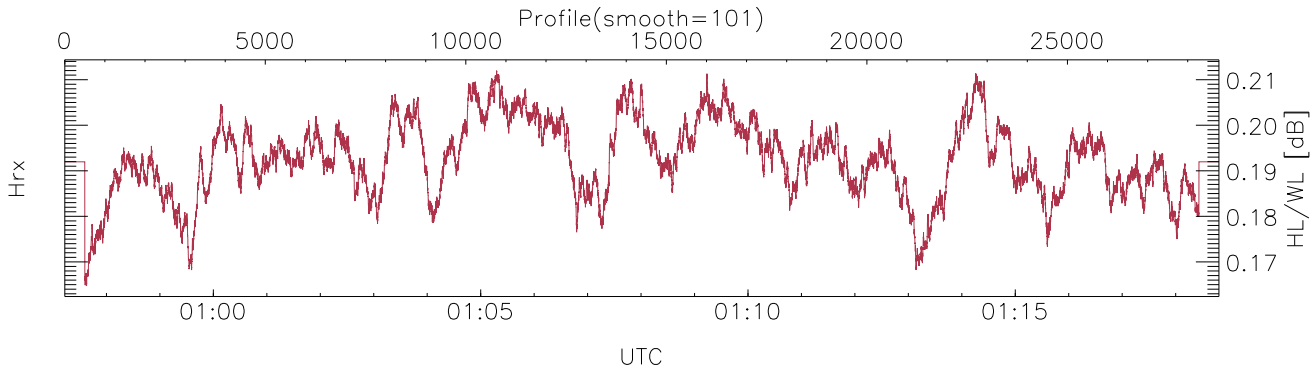


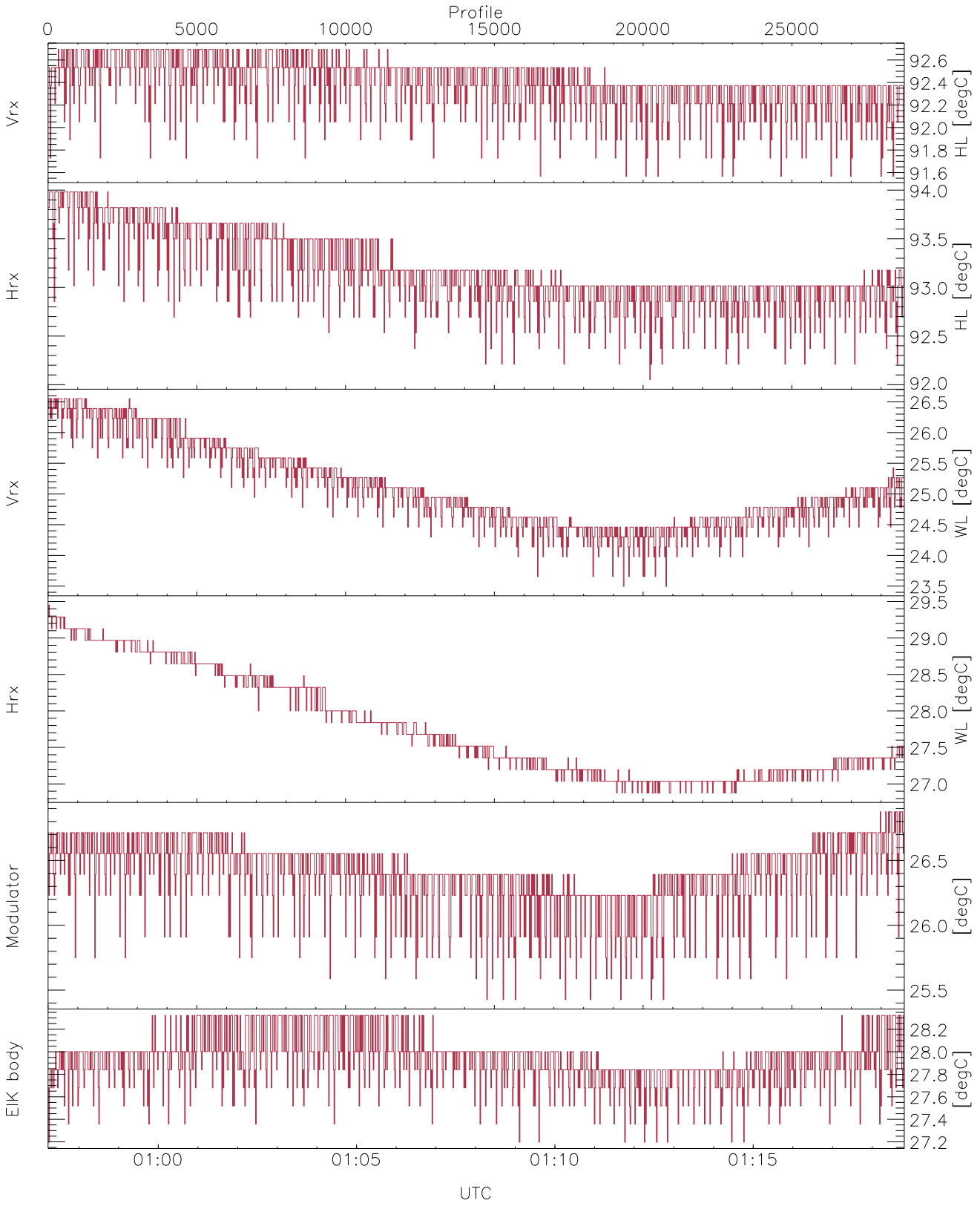






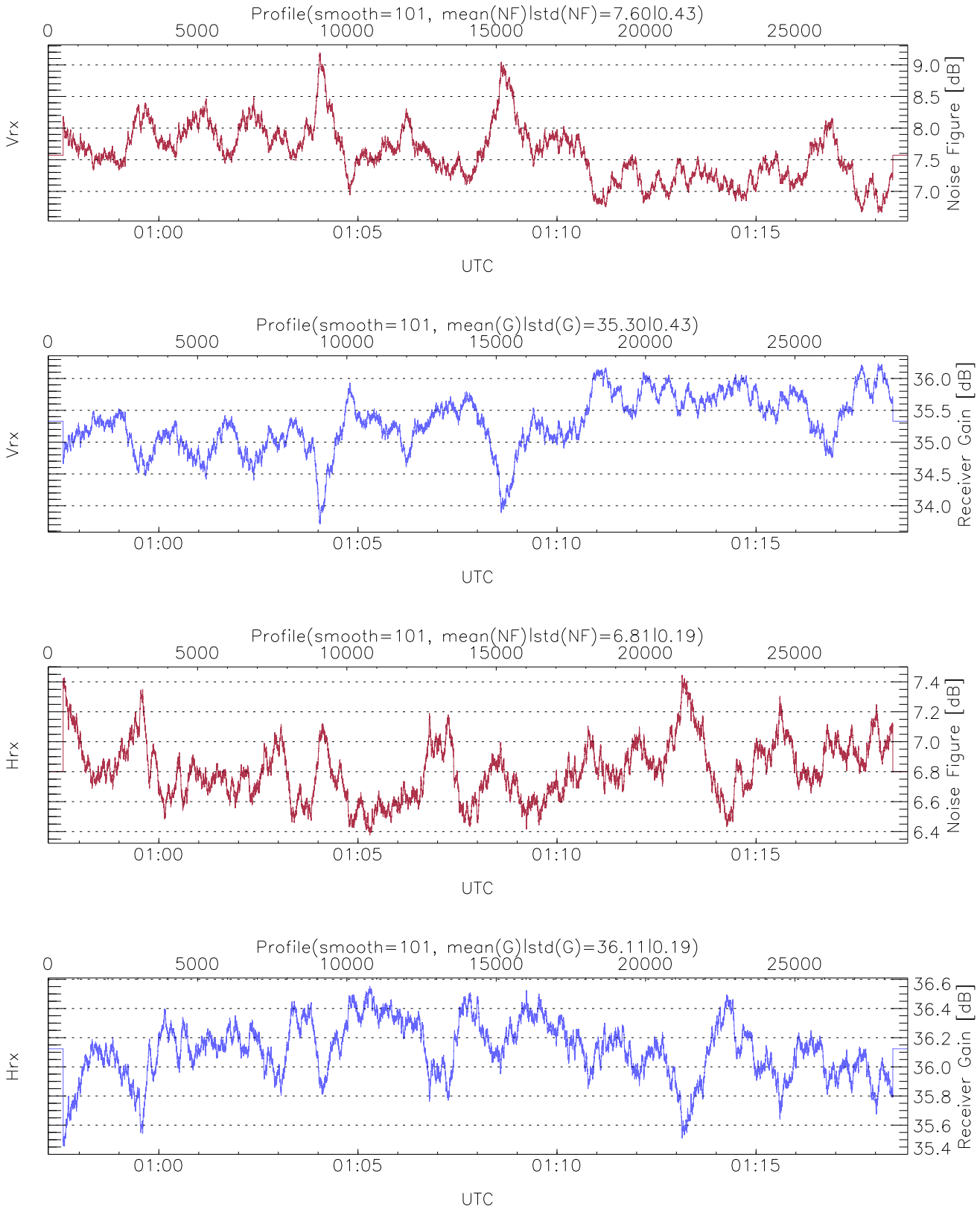
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 00:57:13-01:18:49, TimeCor: 0.00s, Dur: 1295.38s
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): 28780/28780, 0-28779/00:57:13-01:18:49
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,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1



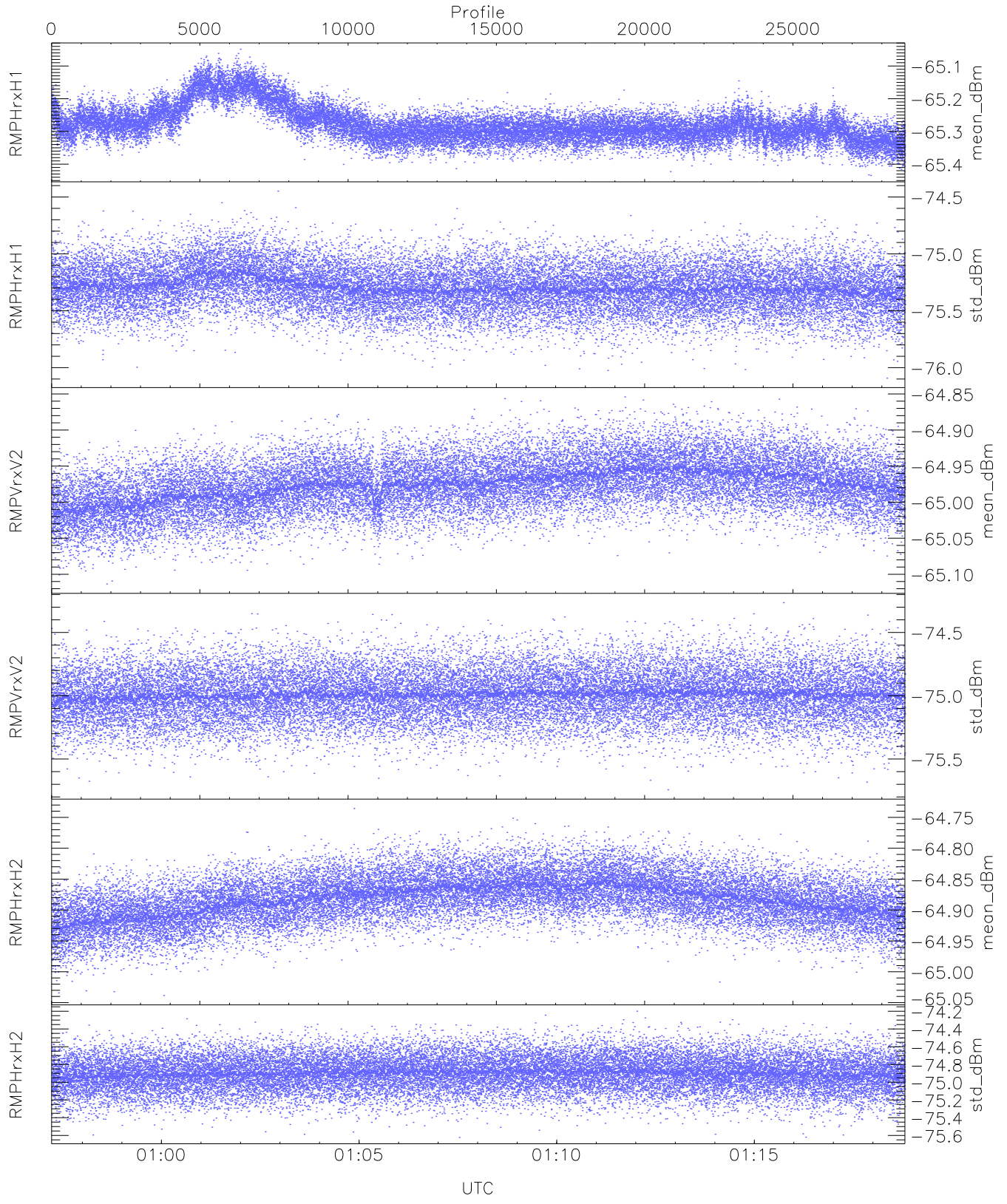
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,26,25,27
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,29,26,28
LOalarm(20,240,2817,14861 MHz): 0,0,68,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)



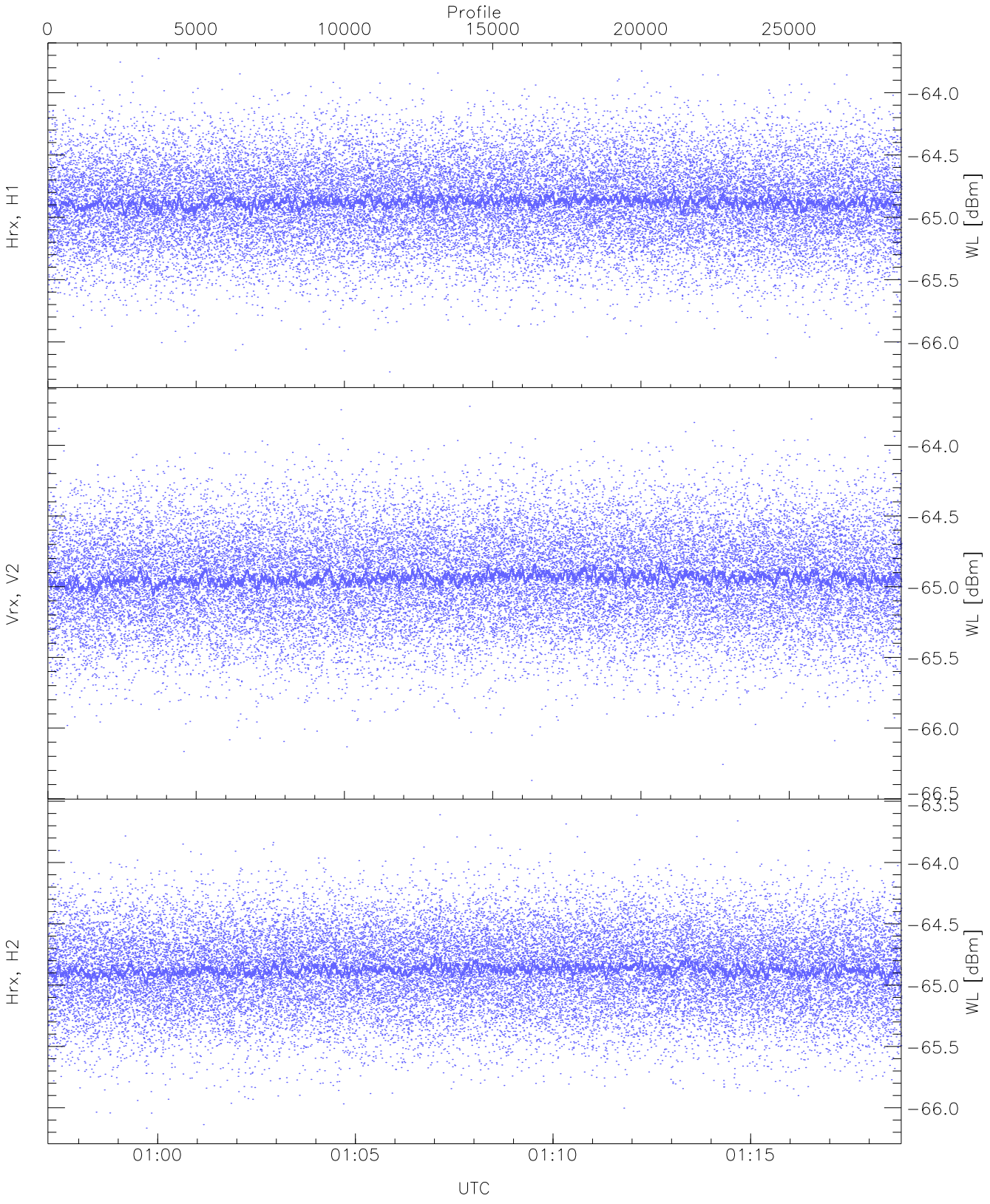
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 1 pixs, 1 gates, 1 profs, 1 prod(s)



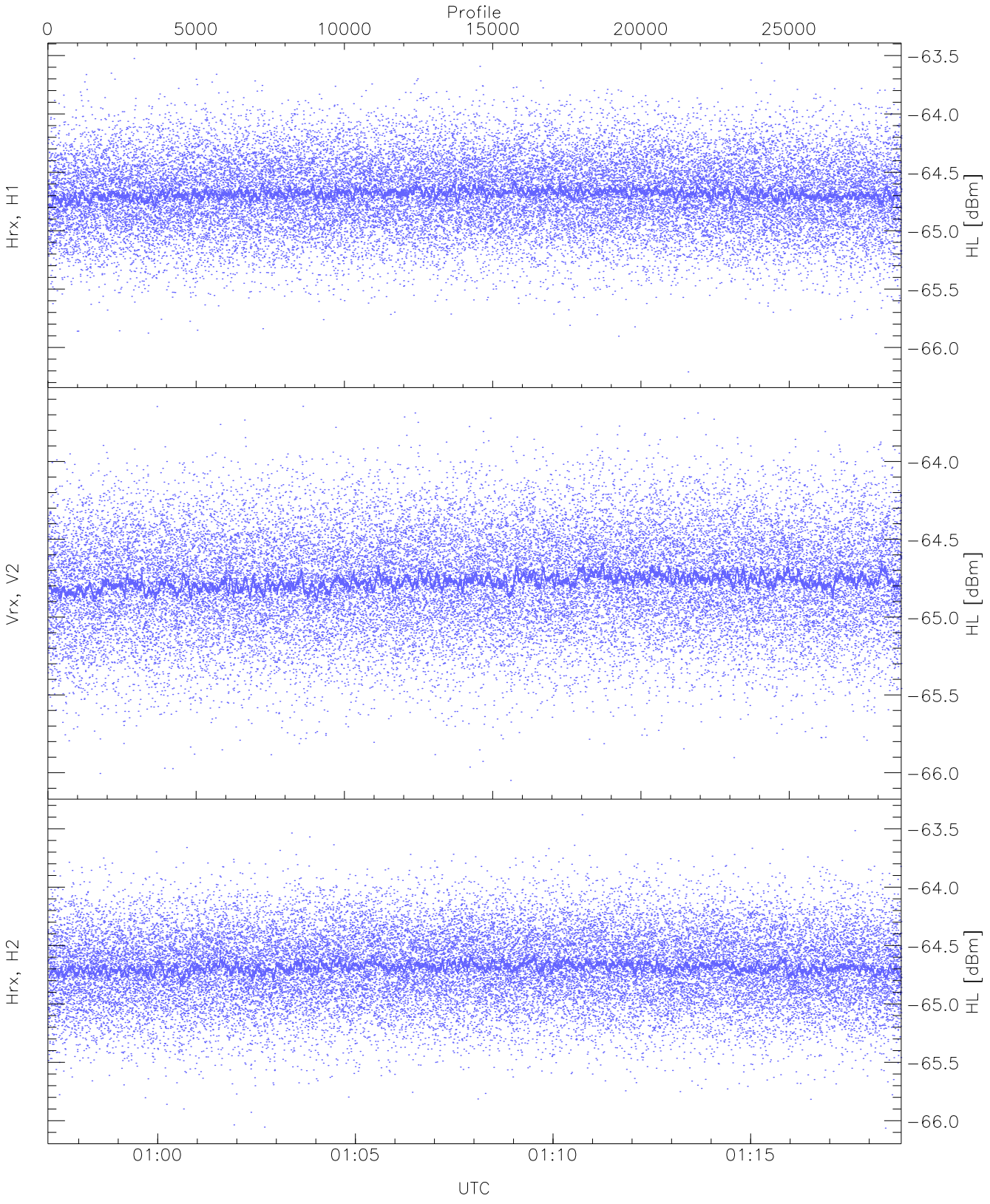
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.43	-65.05	-65.28	-65.29	-84.34
RMPHrxH1(std_dBm)	-76.09	-74.45	-75.29	-75.30	-88.94
RMPVrxV2(mean_dBm)	-65.11	-64.85	-64.98	-64.98	-86.03
RMPVrxV2(std_dBm)	-75.74	-74.26	-74.99	-74.99	-88.75
RMPHrxH2(mean_dBm)	-65.04	-64.74	-64.88	-64.88	-85.71
RMPHrxH2(std_dBm)	-75.62	-74.20	-74.90	-74.90	-88.70



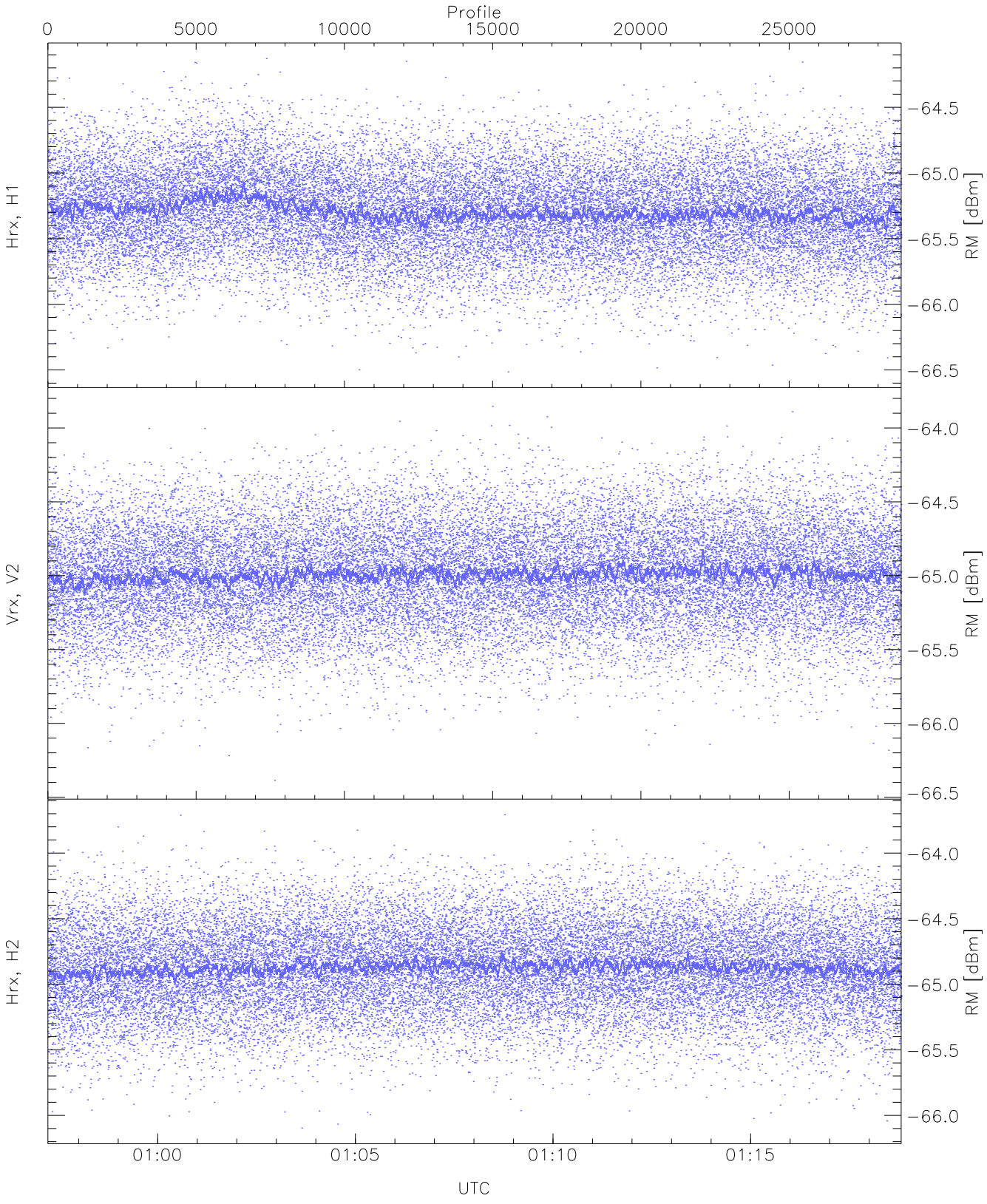
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.24	-63.73	-64.87	-64.88	-76.38
Vrx, V2(WL [dBm])	-66.37	-63.72	-64.93	-64.94	-76.41
Hrx, H2(WL [dBm])	-66.17	-63.61	-64.87	-64.87	-76.36



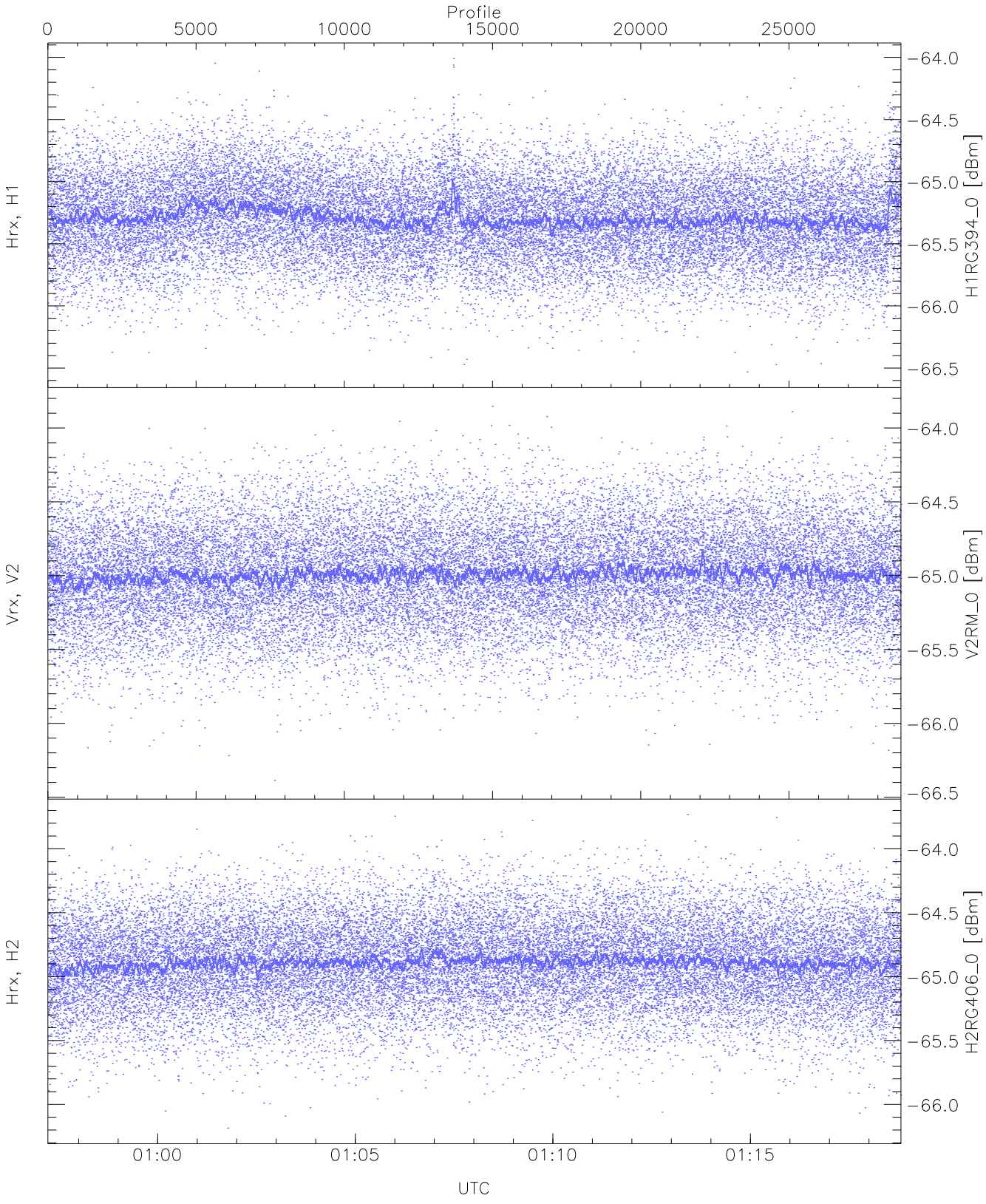
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.21	-63.53	-64.68	-64.69	-76.20
Vrx, V2(HL [dBm])	-66.05	-63.65	-64.77	-64.77	-76.26
Hrx, H2(HL [dBm])	-66.06	-63.38	-64.68	-64.69	-76.17



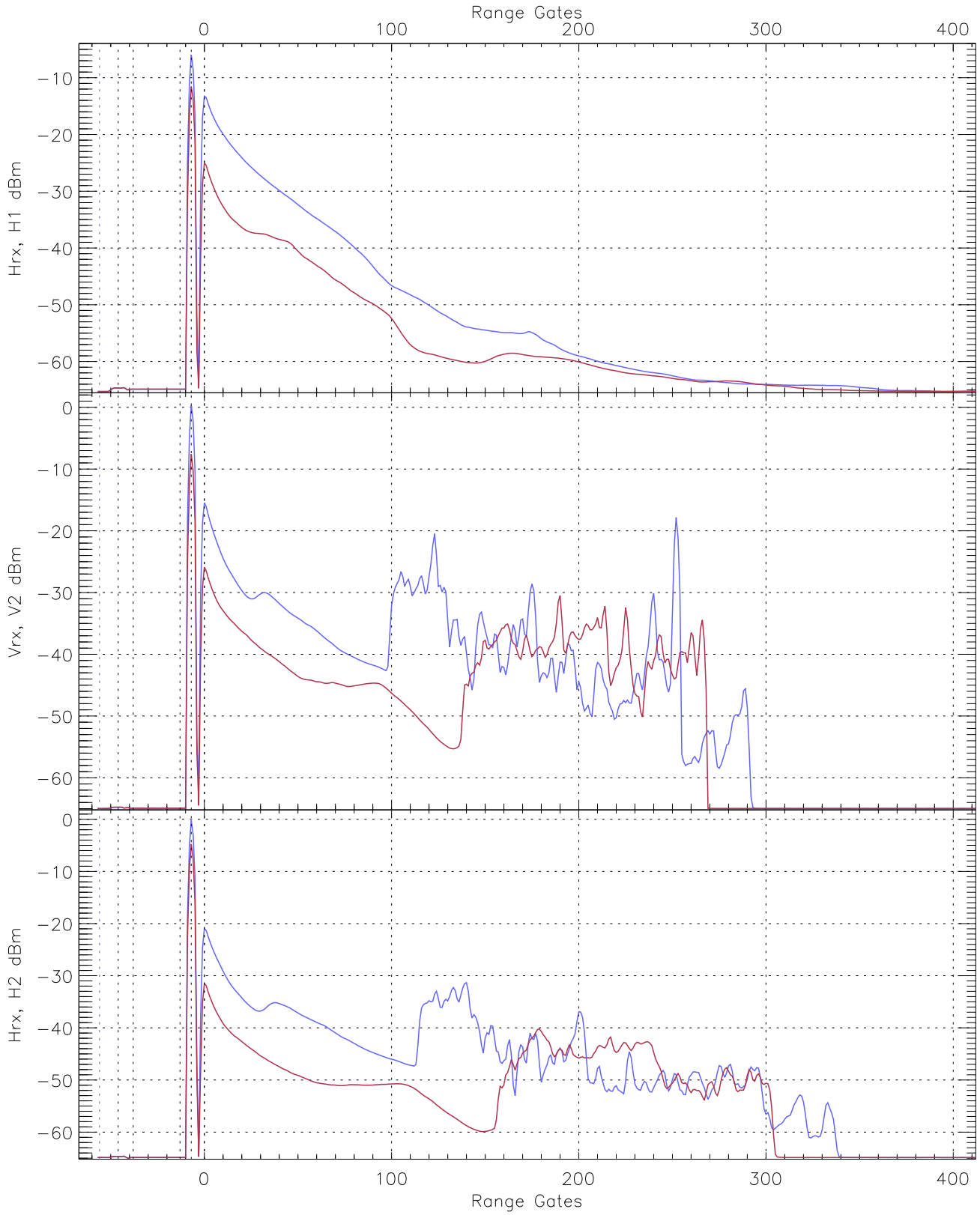
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.51	-64.13	-65.29	-65.29	-76.72
Vrx, V2(RM [dBm])	-66.39	-63.85	-64.99	-64.99	-76.49
Hrx, H2(RM [dBm])	-66.10	-63.71	-64.87	-64.88	-76.36

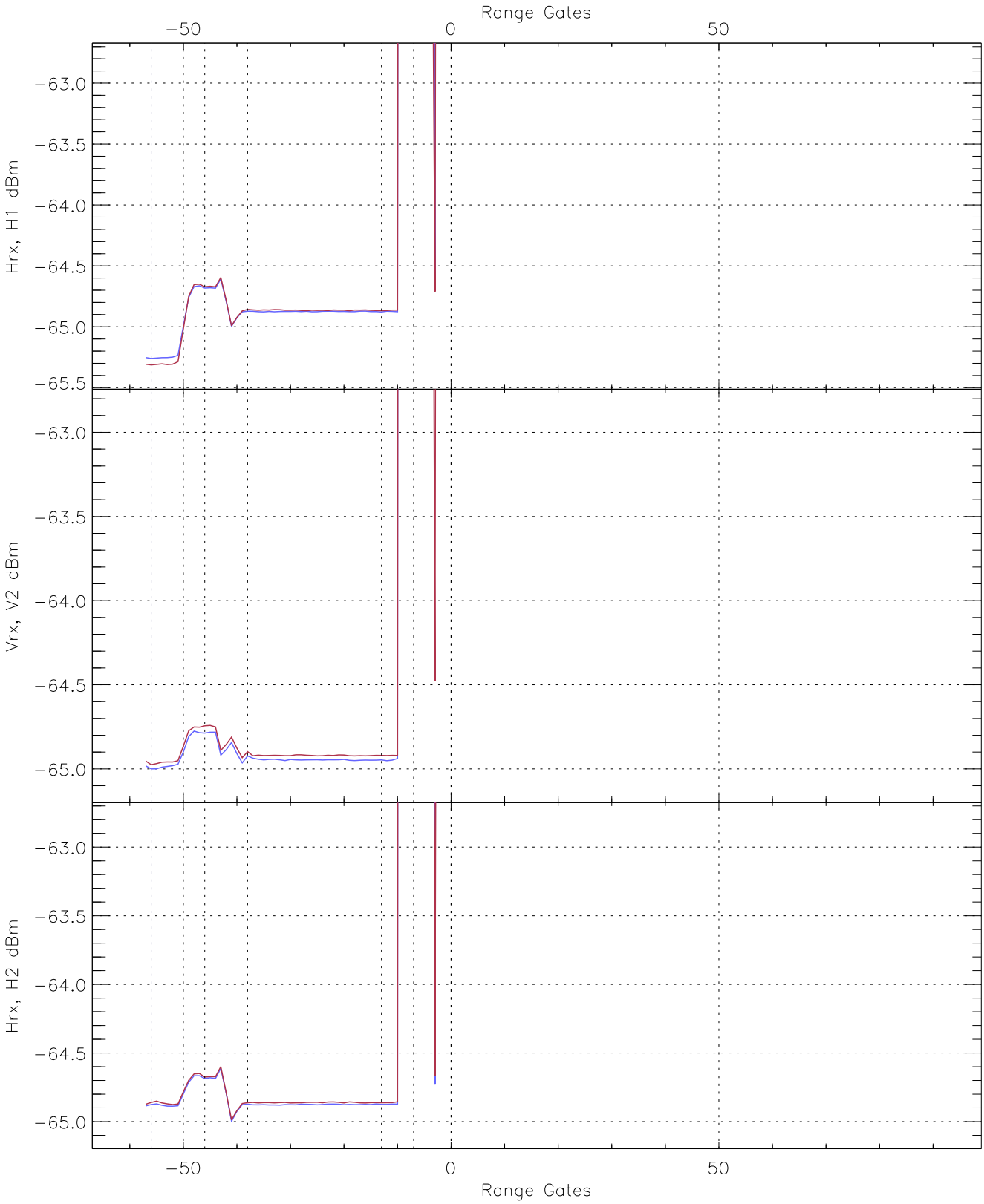


WCR3 CPP "Best" estimate Receivers Noise Power

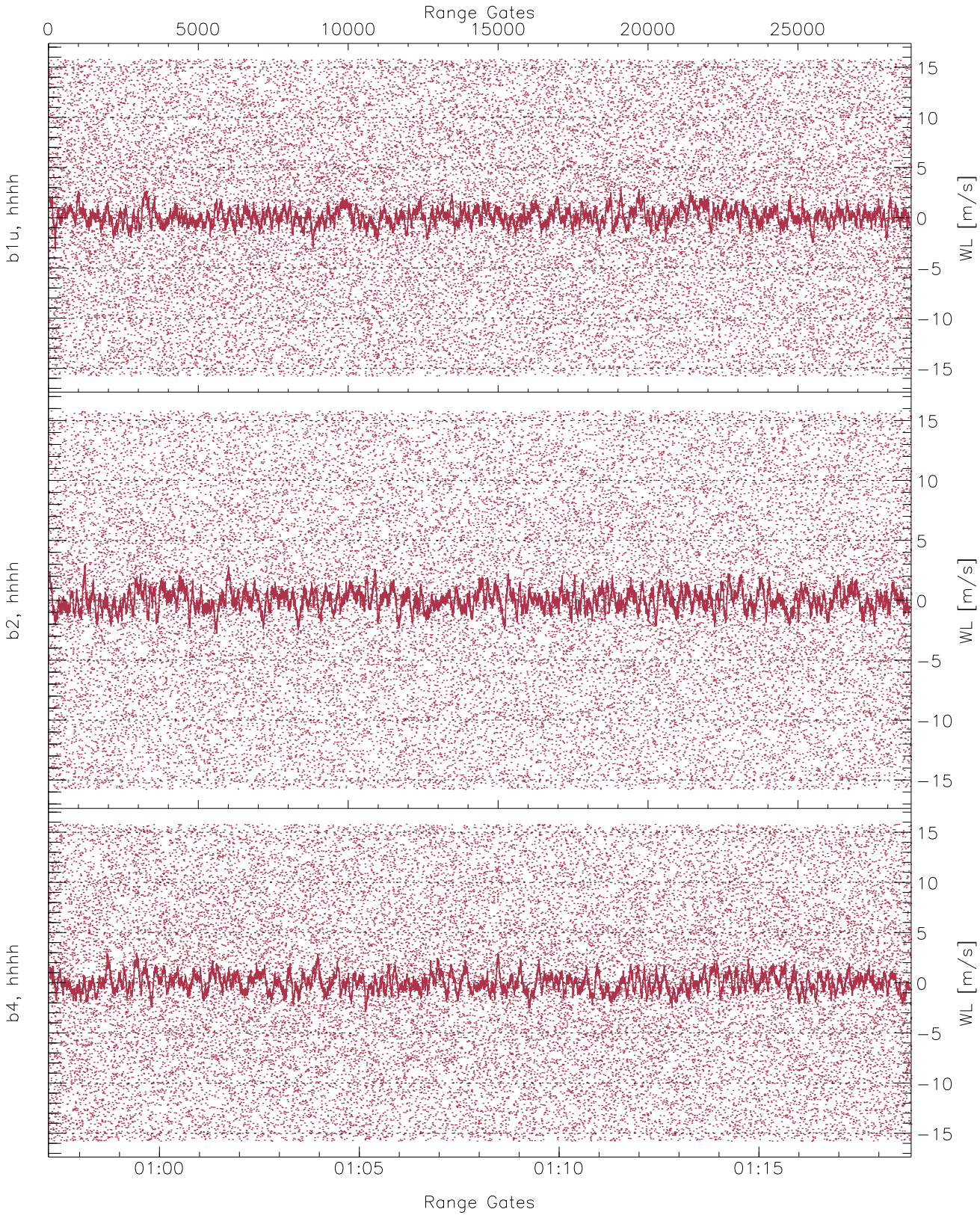
	Min	Max	Mean	Median	StDev
H1RG394_0 [dBm]	-66.53	-64.01	-65.29	-65.29	-76.75
V2RM_0 [dBm]	-66.39	-63.85	-64.99	-64.99	-76.49
H2RG406_0 [dBm]	-66.19	-63.73	-64.89	-64.89	-76.39



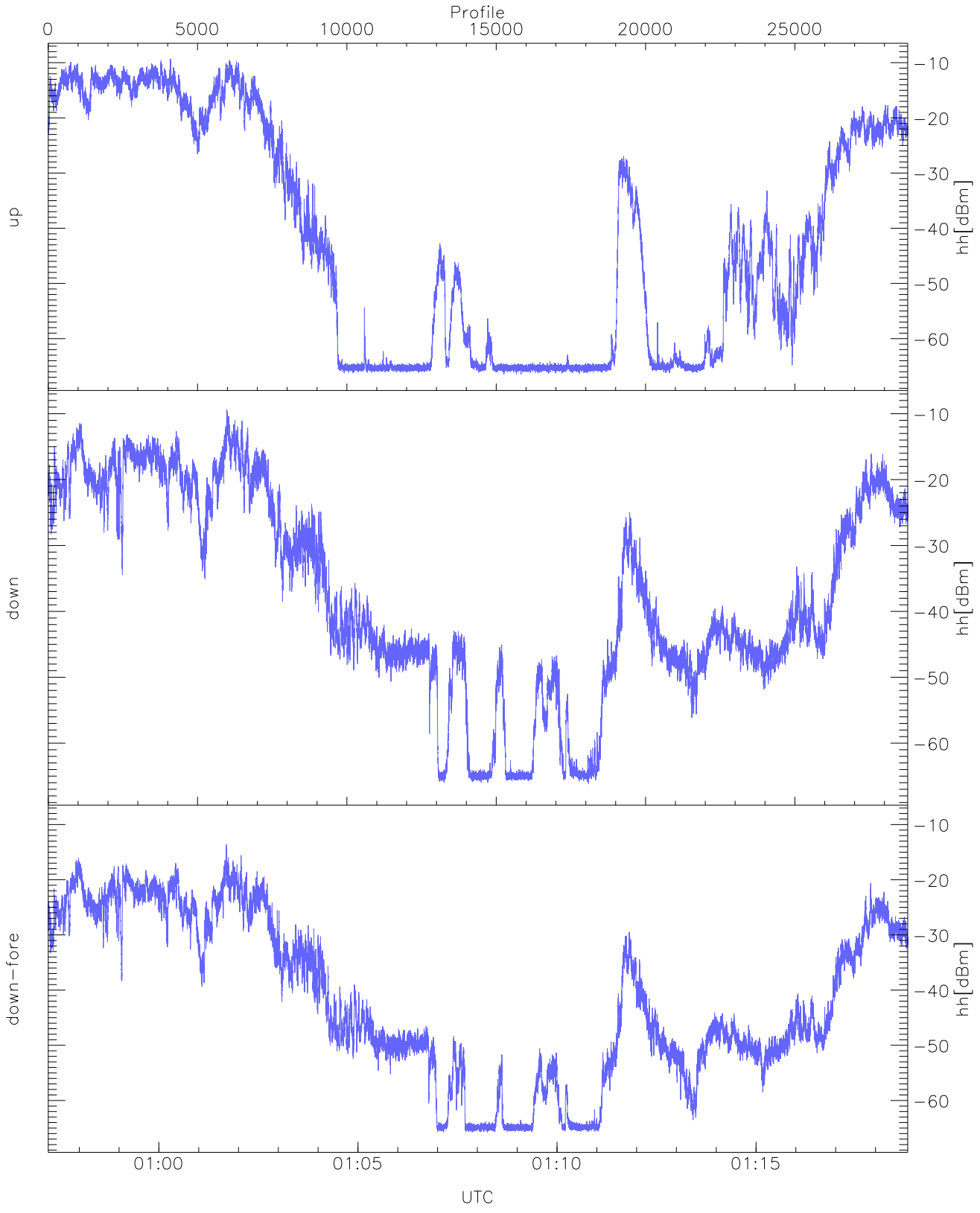
WCR3 CPP Averaged Received power for all recorded gates
blue: 005713-010801, 14391 profiles averaged
red: 010801-011849, 14390 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 005713-010801, 14391 profiles averaged
red: 010801-011849, 14390 profiles averaged

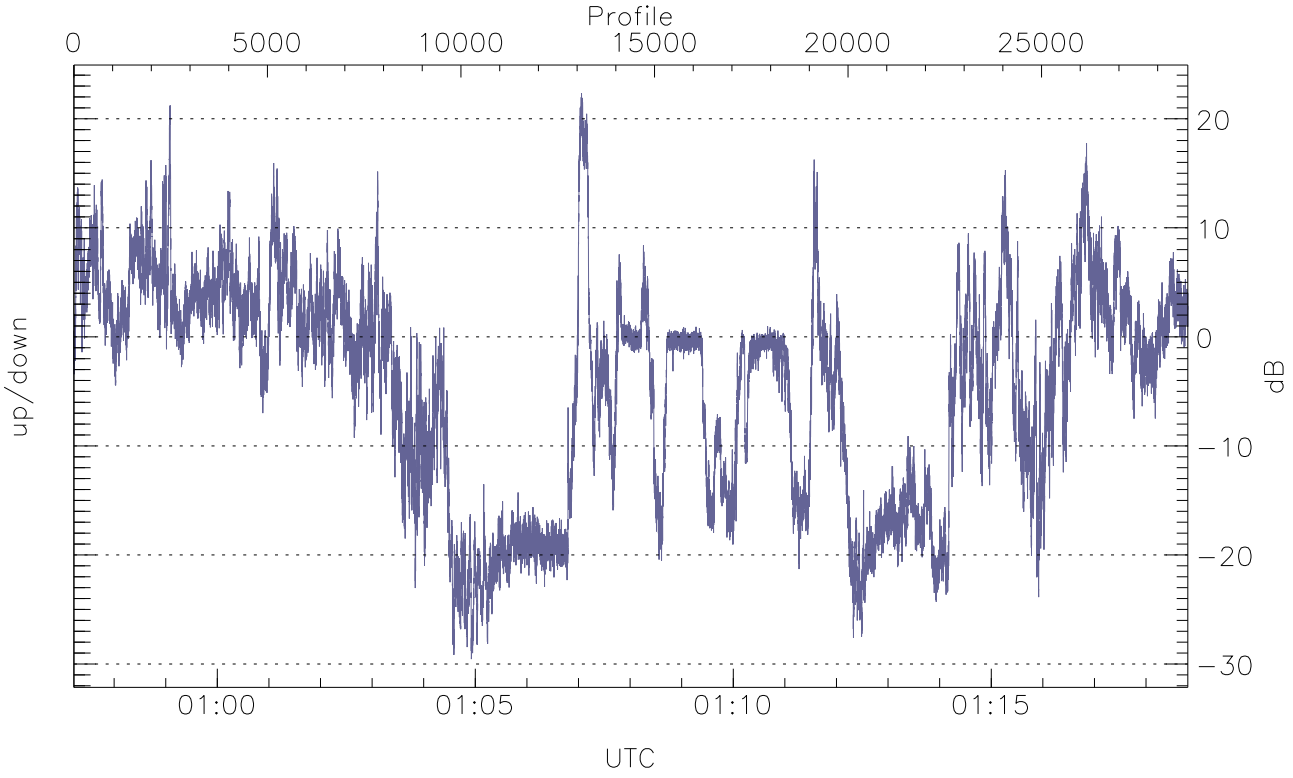


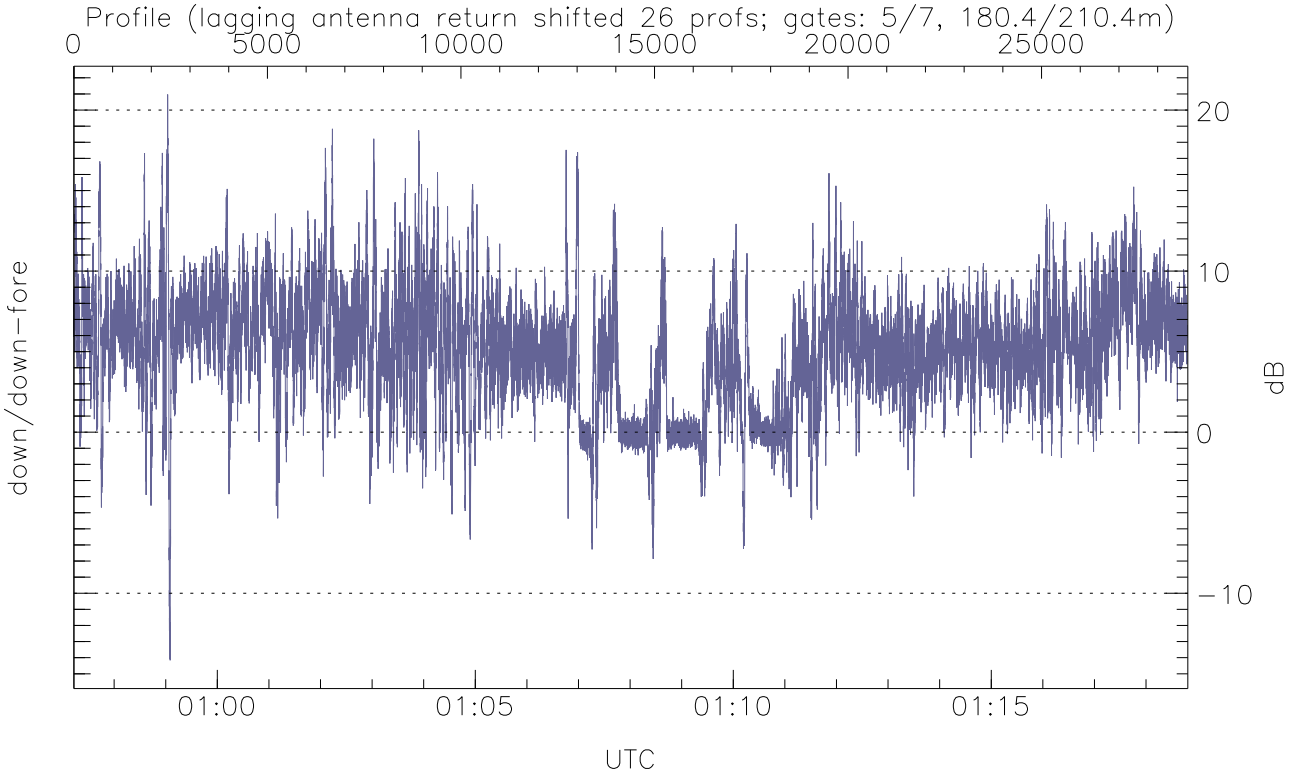
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

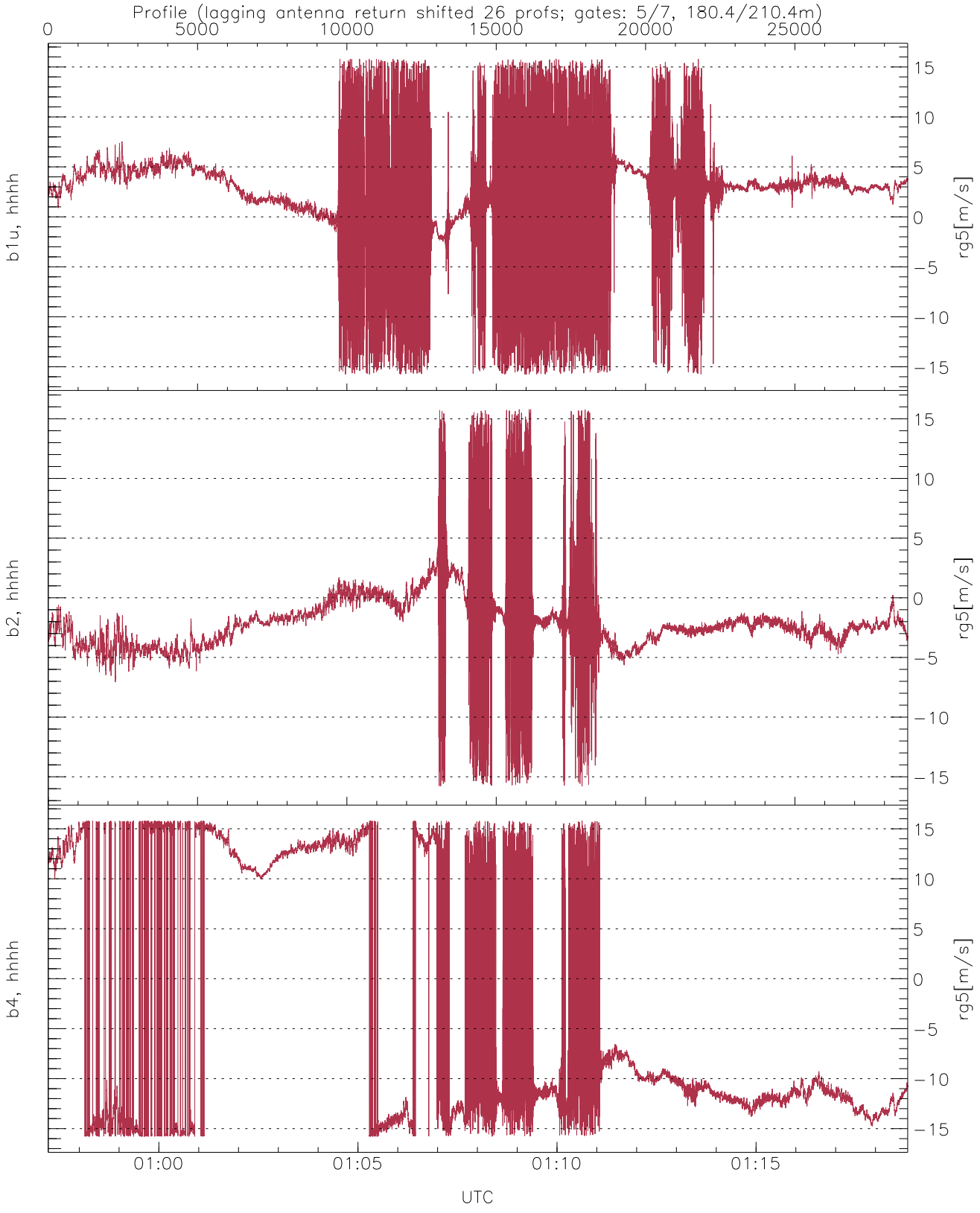
	Min	Max	Mean
up(hh[dBm])	-66.54	-9.33	-19.81
down(hh[dBm])	-66.20	-9.34	-22.94
down-fore(hh[dBm])	-65.76	-13.61	-27.96





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

	Min	Max	Mean
up/down(dB)	-29.55	22.33	-4.40
down/down-fore(dB)	-14.16	20.96	5.06



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.77	15.79	2.20	4.85
b2, hhhh(rg5[m/s])	-15.78	15.79	-2.07	3.00
b4, hhhh(rg5[m/s])	-15.79	15.79	-2.59	12.14