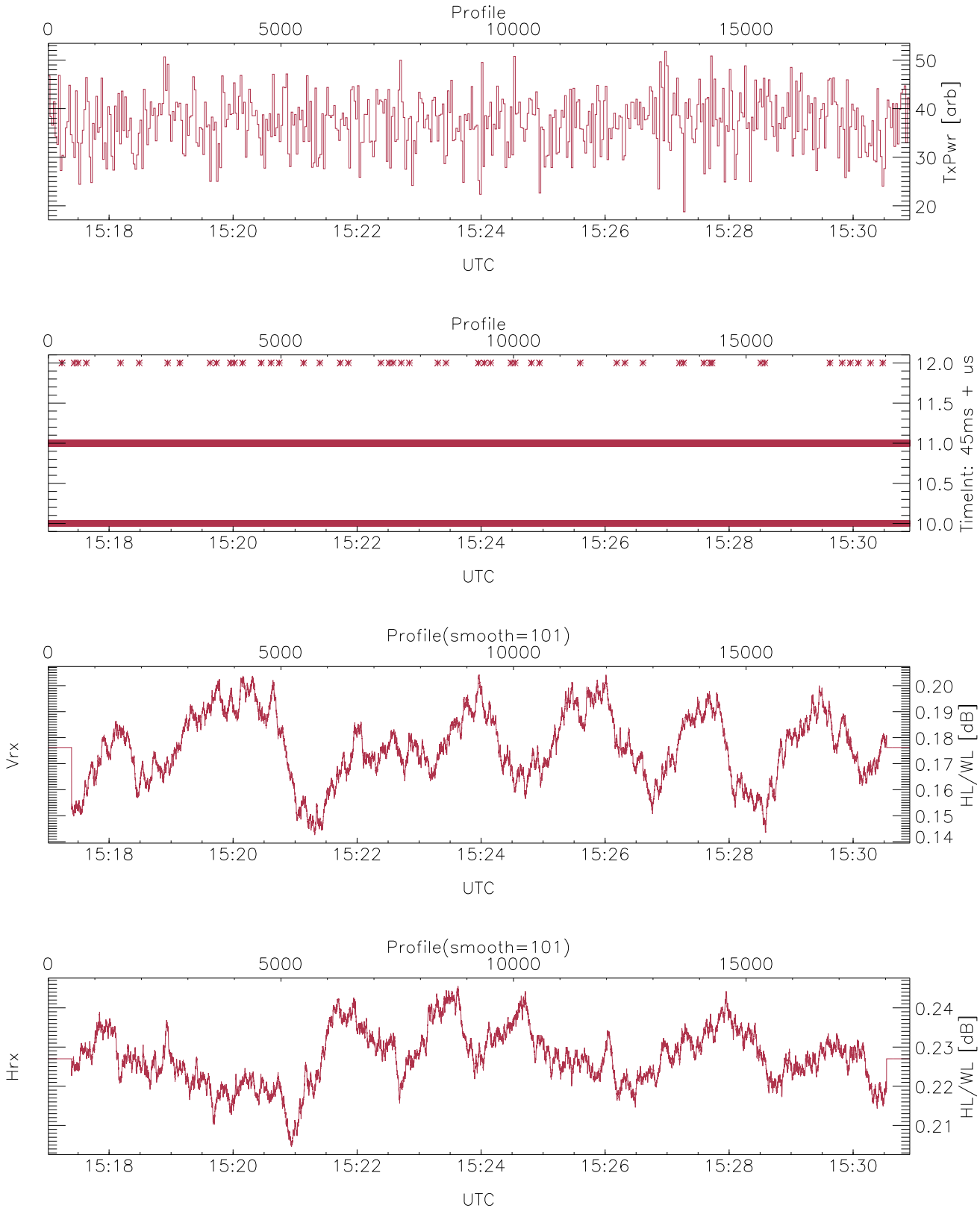
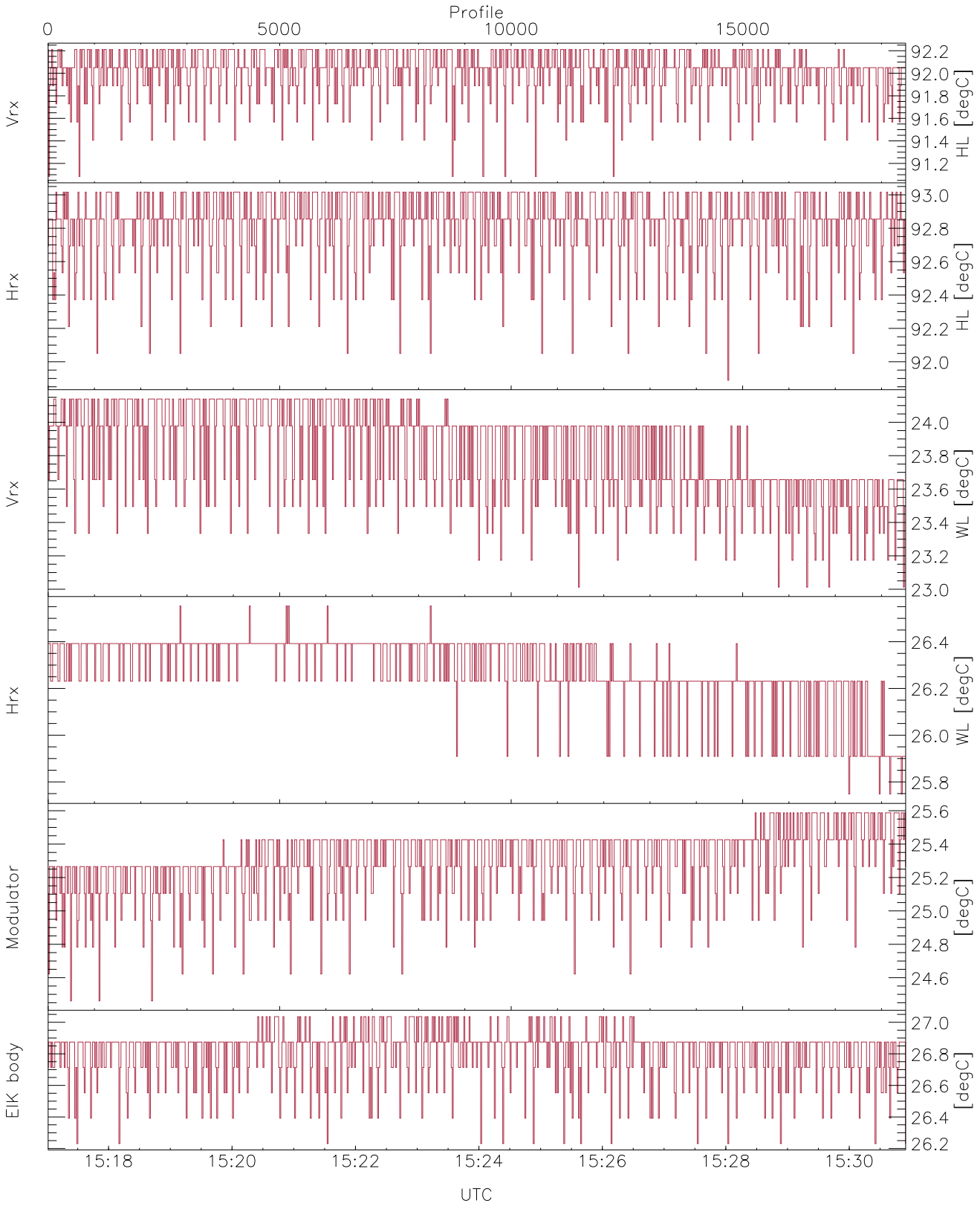


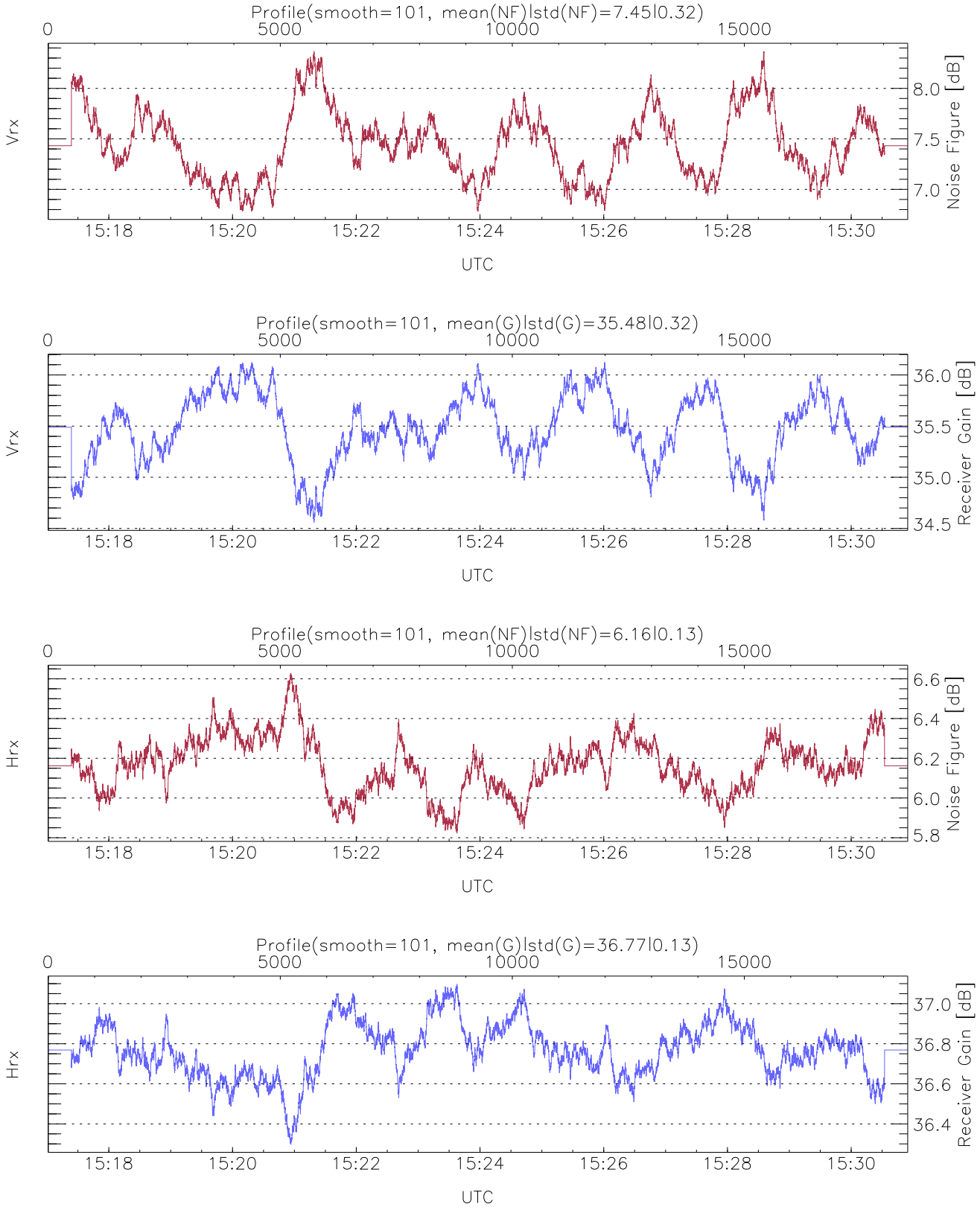
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:17:01-15:30:55, TimeCor: 0.00s, Dur: 833.65s
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): 18522/18522, 0-18521/15:17:01-15:30:55
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



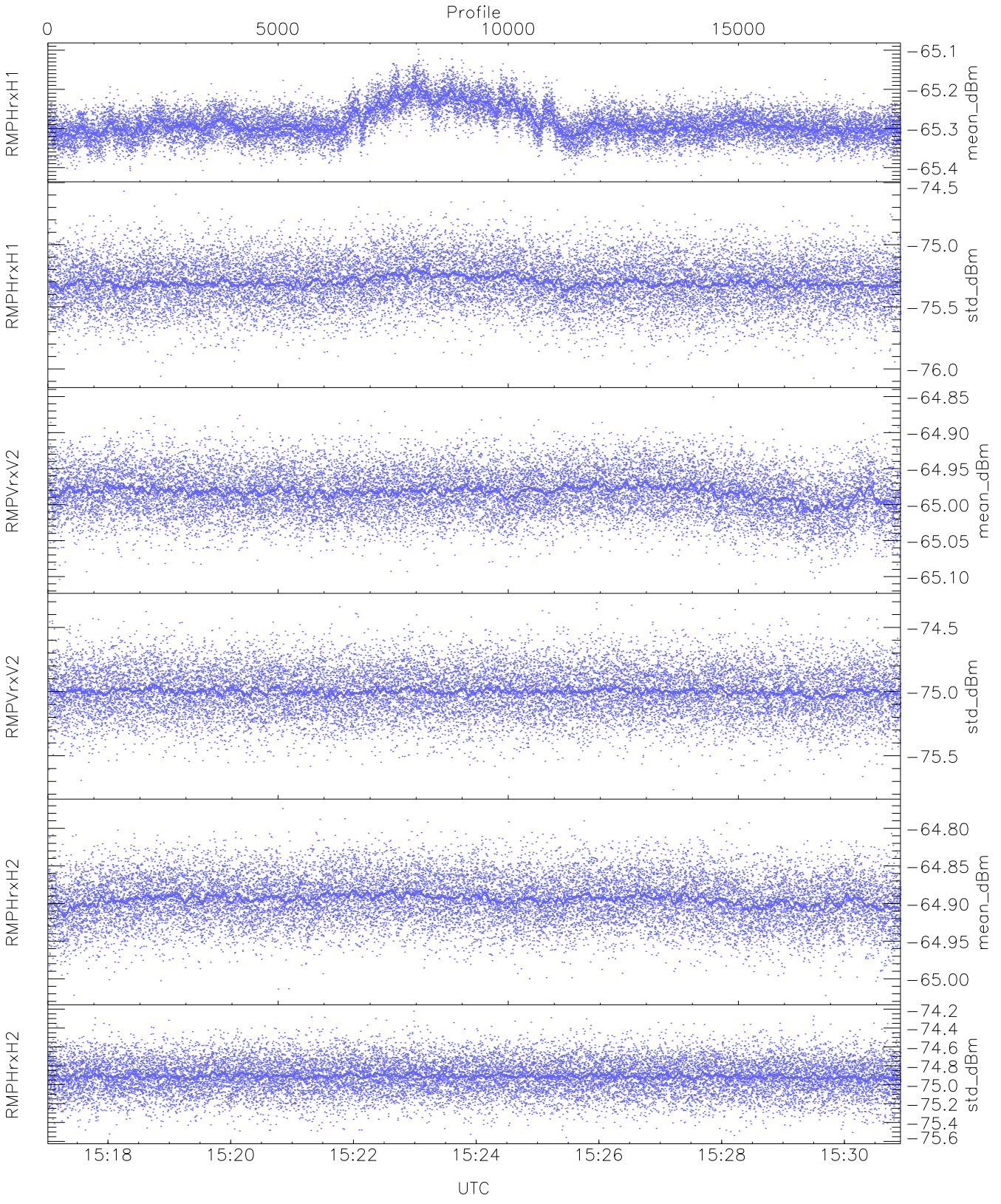
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,91,23,25,24,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,25,27
LOalarm(20,240,2817,14861 MHz): 0,0,46,0
EIK Faults(# prof affected):
CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22)



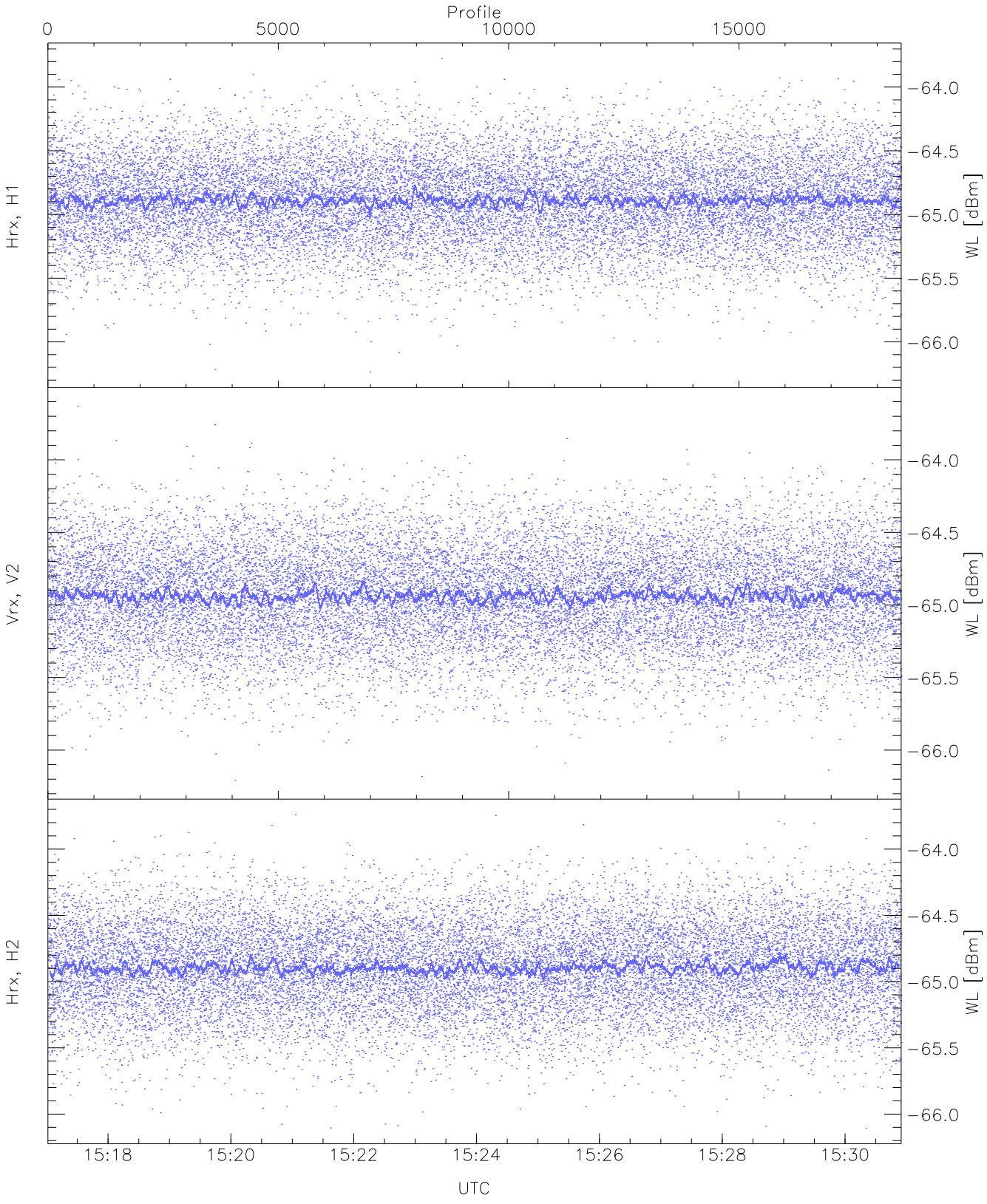
WCR3 CPP Receivers Gain and Noise Figure

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



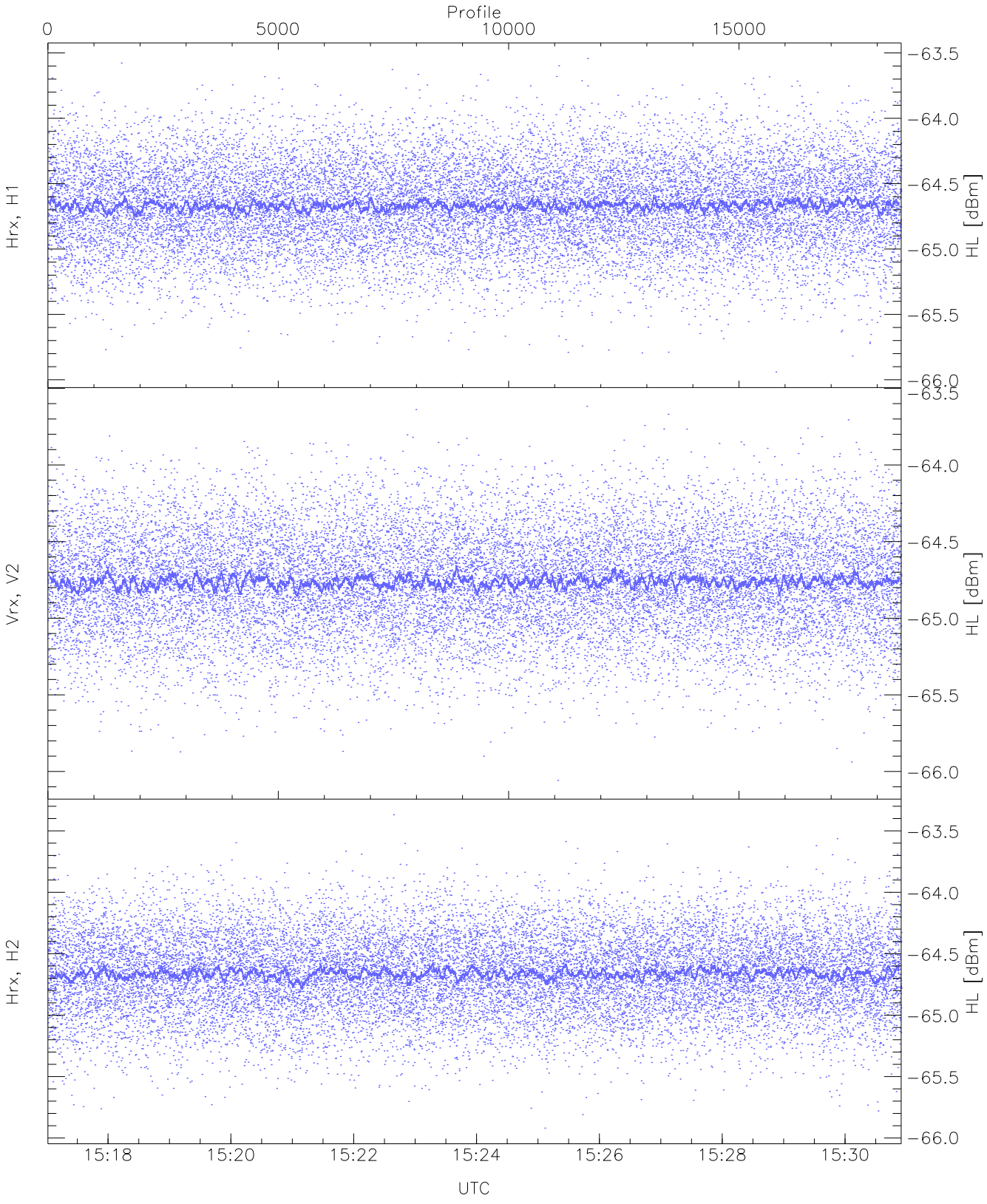
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.42	-65.10	-65.28	-65.29	-85.35
RMPHrxH1(std_dBm)	-76.07	-74.57	-75.30	-75.30	-89.01
RMPVrxV2(mean_dBm)	-65.11	-64.85	-64.98	-64.98	-86.44
RMPVrxV2(std_dBm)	-75.76	-74.31	-75.00	-75.00	-88.79
RMPHrxH2(mean_dBm)	-65.02	-64.77	-64.89	-64.89	-86.41
RMPHrxH2(std_dBm)	-75.56	-74.22	-74.91	-74.91	-88.72



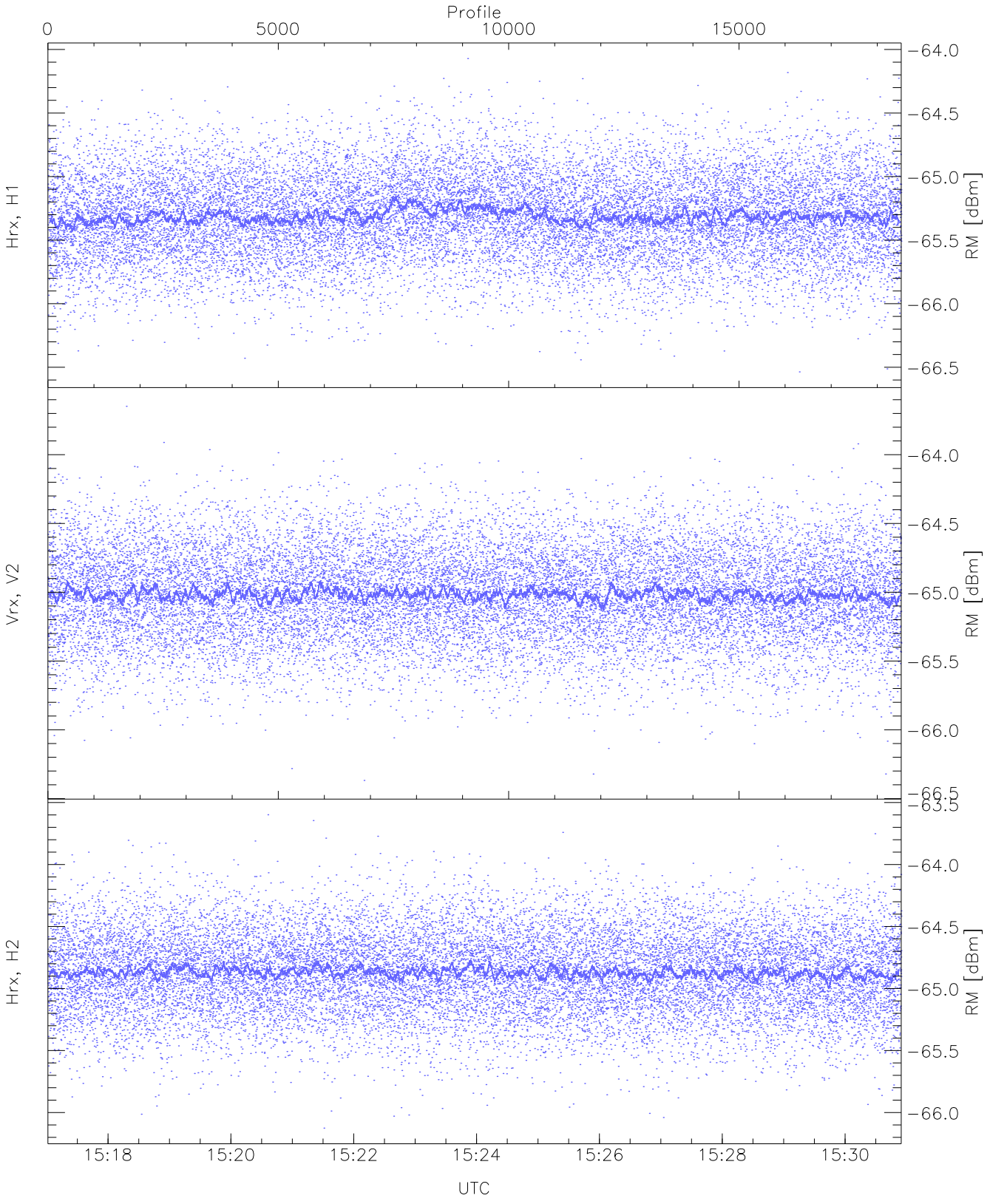
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.24	-63.78	-64.88	-64.89	-76.44
Vrx, V2(WL [dBm])	-66.21	-63.63	-64.93	-64.94	-76.42
Hrx, H2(WL [dBm])	-66.11	-63.74	-64.89	-64.89	-76.37



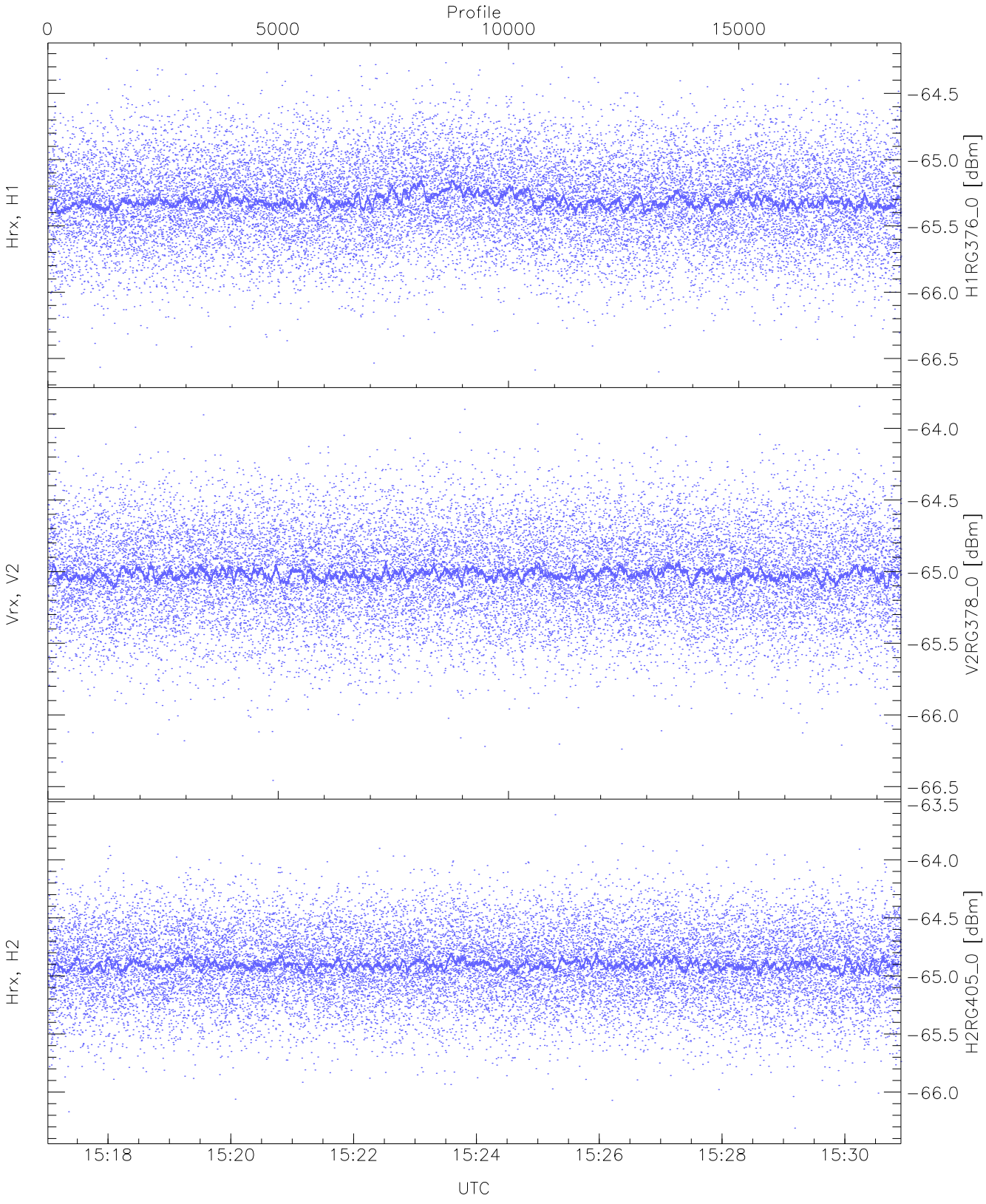
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.94	-63.54	-64.66	-64.67	-76.15
Vrx, V2(HL [dBm])	-66.06	-63.62	-64.75	-64.76	-76.24
Hrx, H2(HL [dBm])	-65.92	-63.37	-64.66	-64.66	-76.18



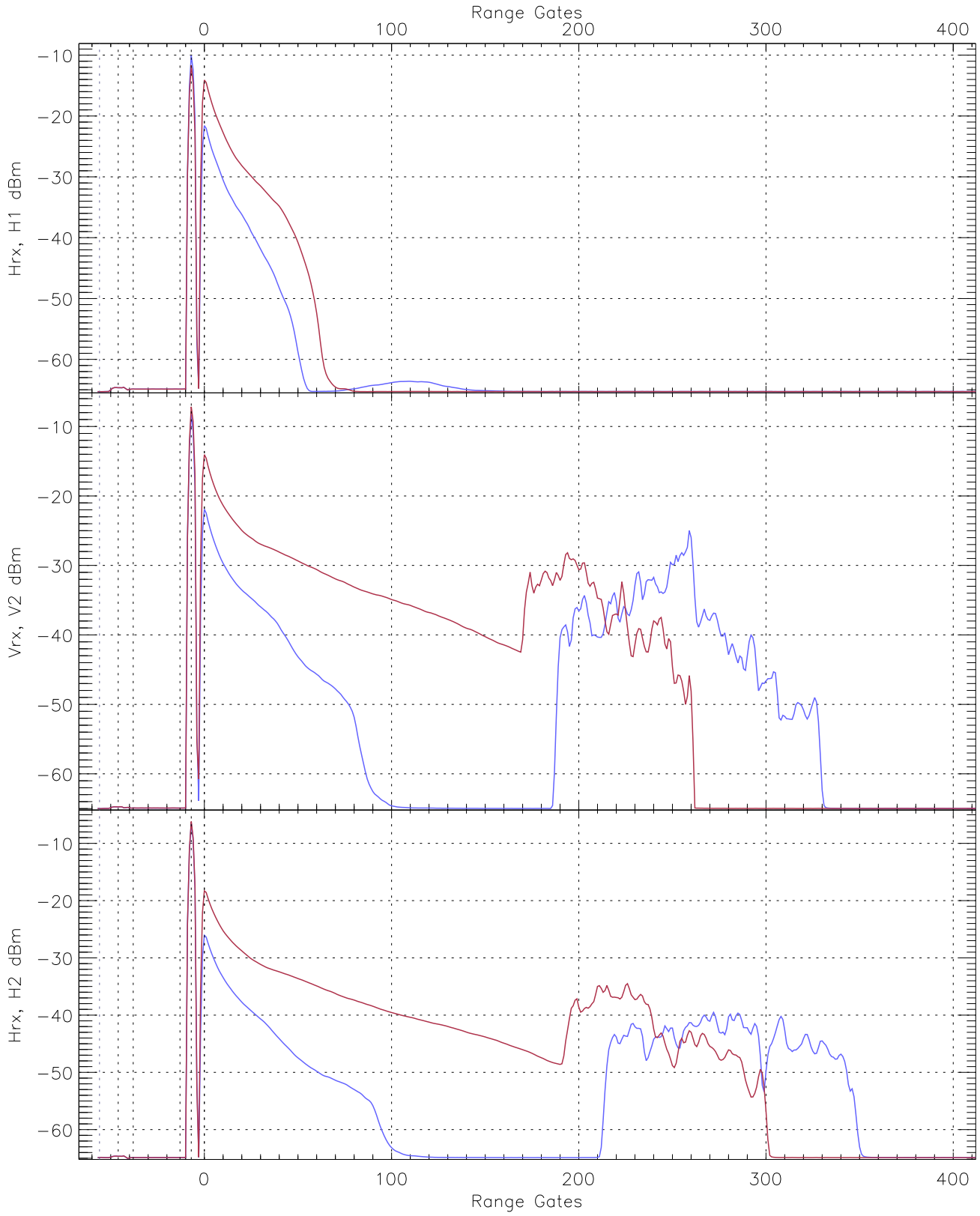
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.54	-64.07	-65.30	-65.31	-76.75
Vrx, V2(RM [dBm])	-66.37	-63.65	-65.01	-65.02	-76.48
Hrx, H2(RM [dBm])	-66.13	-63.60	-64.86	-64.87	-76.35

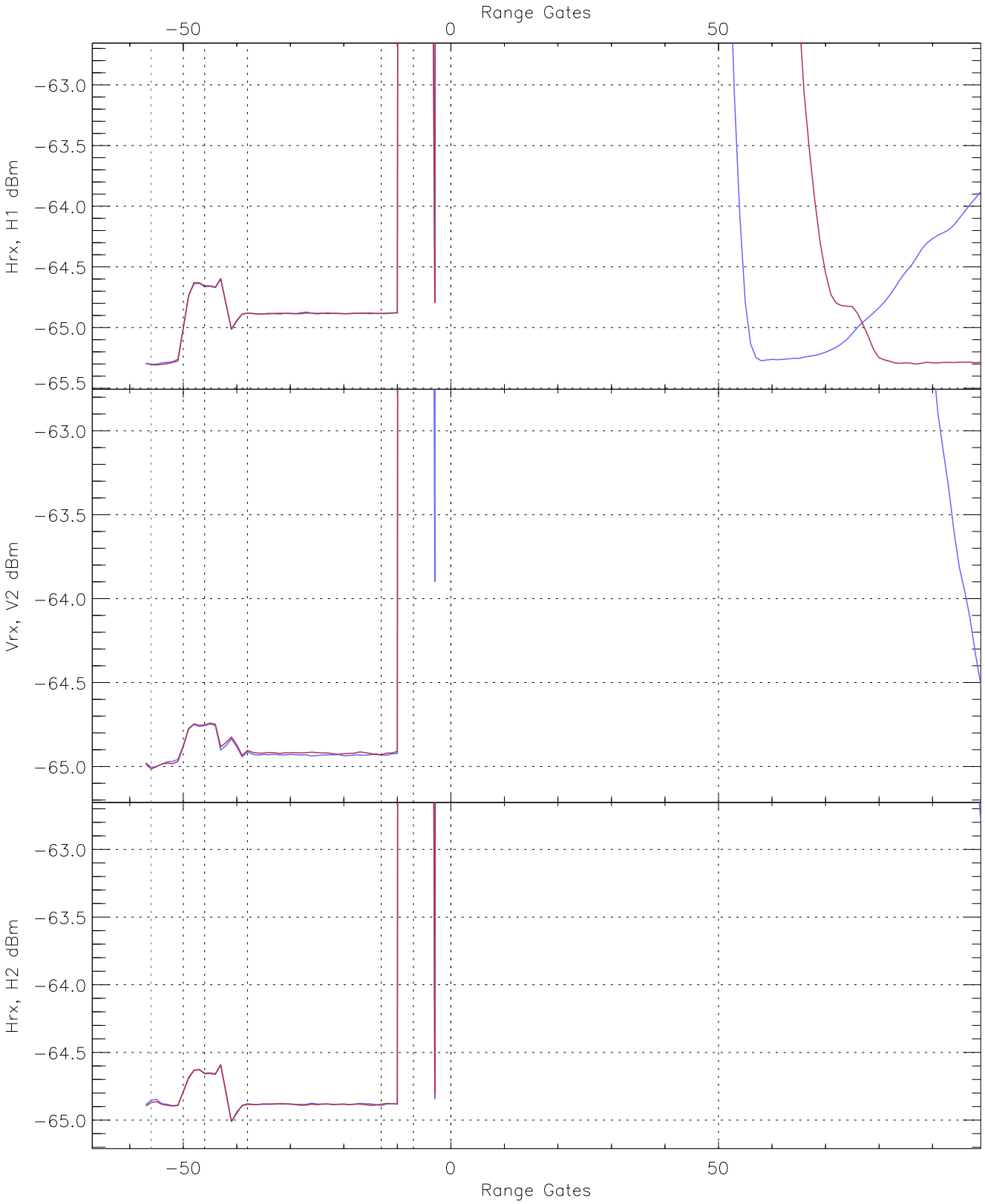


WCR3 CPP "Best" estimate Receivers Noise Power

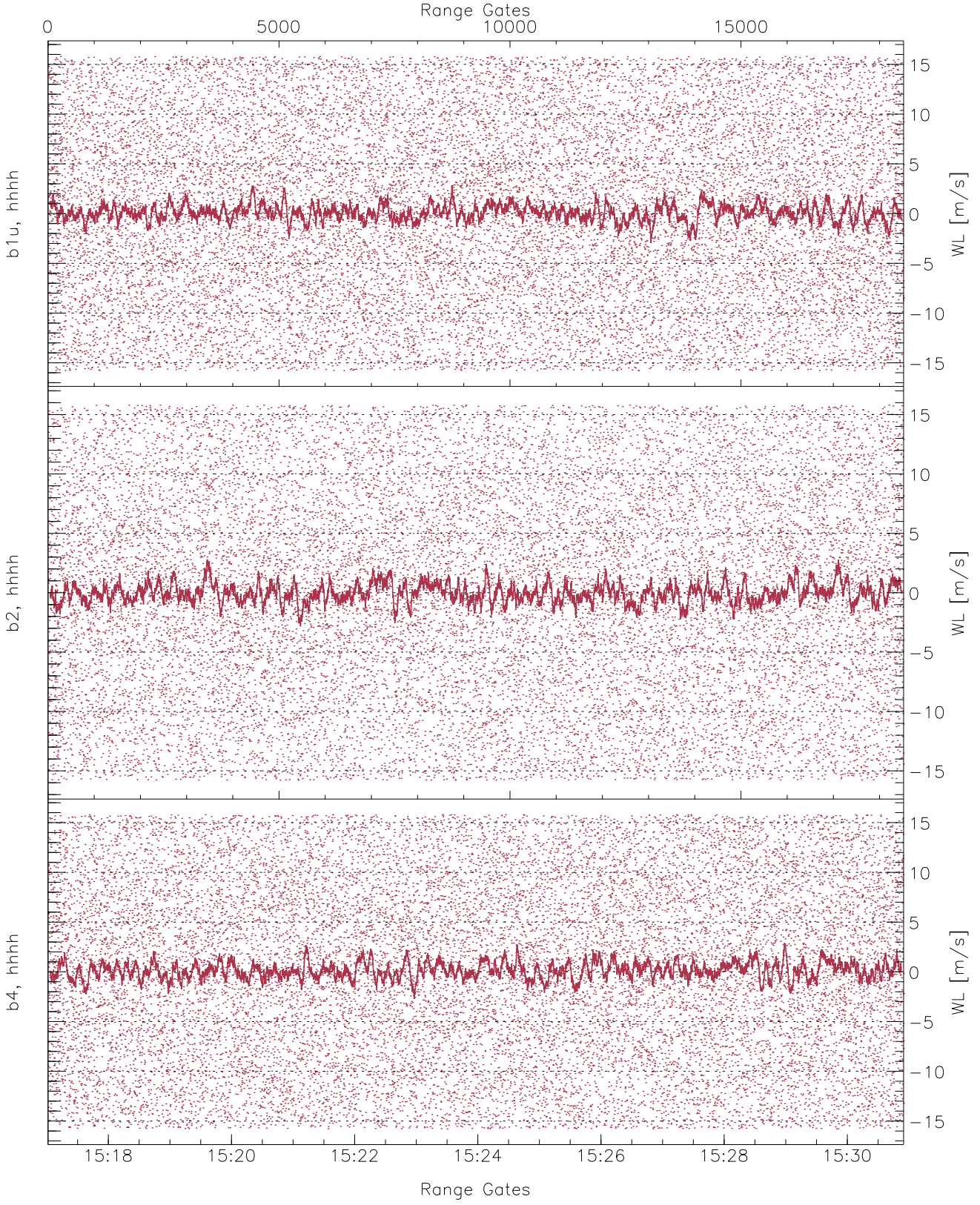
	Min	Max	Mean	Median	StDev
H1RG376_0 [dBm]	-66.60	-64.24	-65.30	-65.31	-76.79
V2RG378_0 [dBm]	-66.46	-63.85	-65.01	-65.02	-76.51
H2RG405_0 [dBm]	-66.31	-63.61	-64.90	-64.90	-76.40



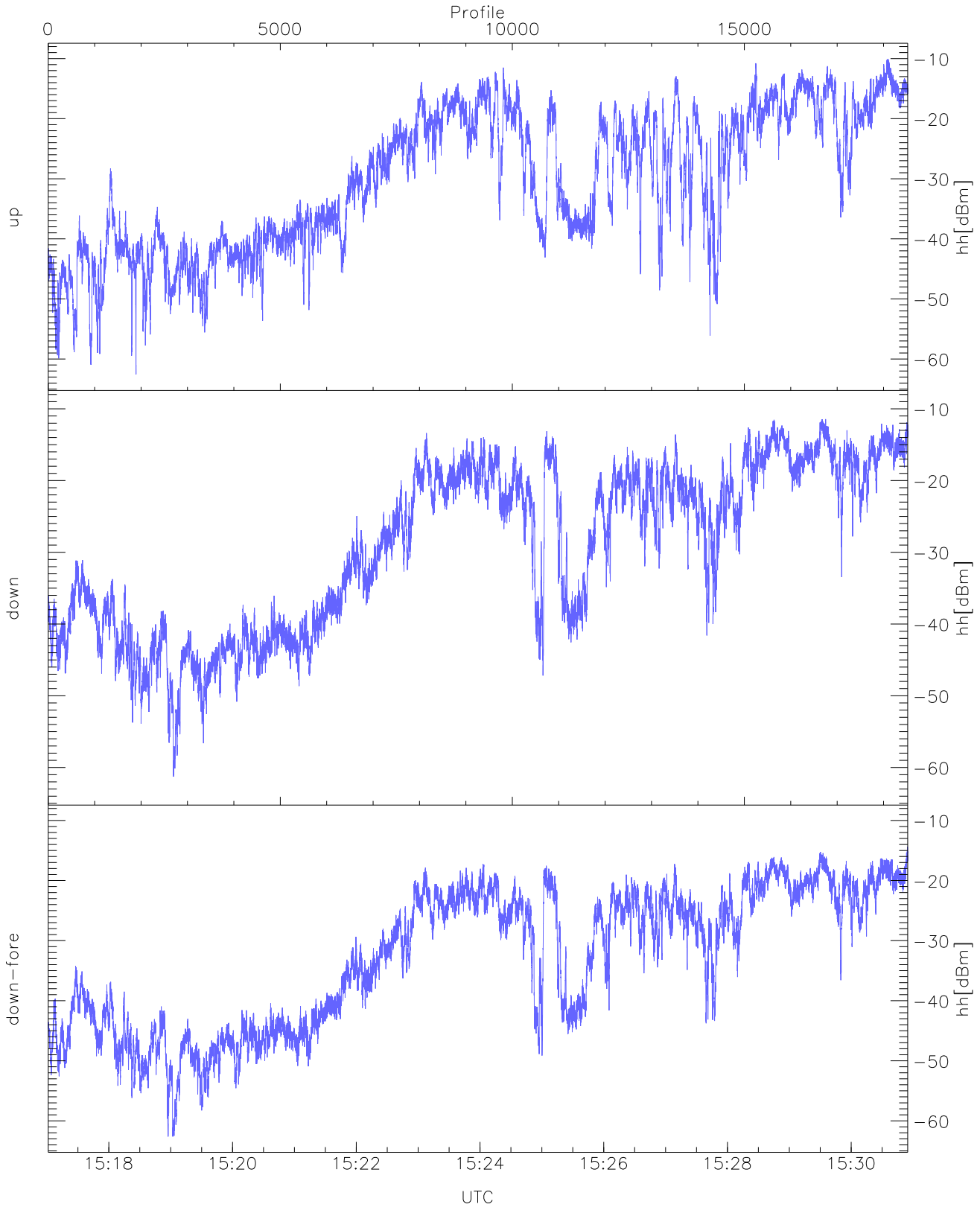
WCR3 CPP Averaged Received power for all recorded gates
blue: 151701-152358, 9262 profiles averaged
red: 152358-153055, 9261 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 151701-152358, 9262 profiles averaged
red: 152358-153055, 9261 profiles averaged

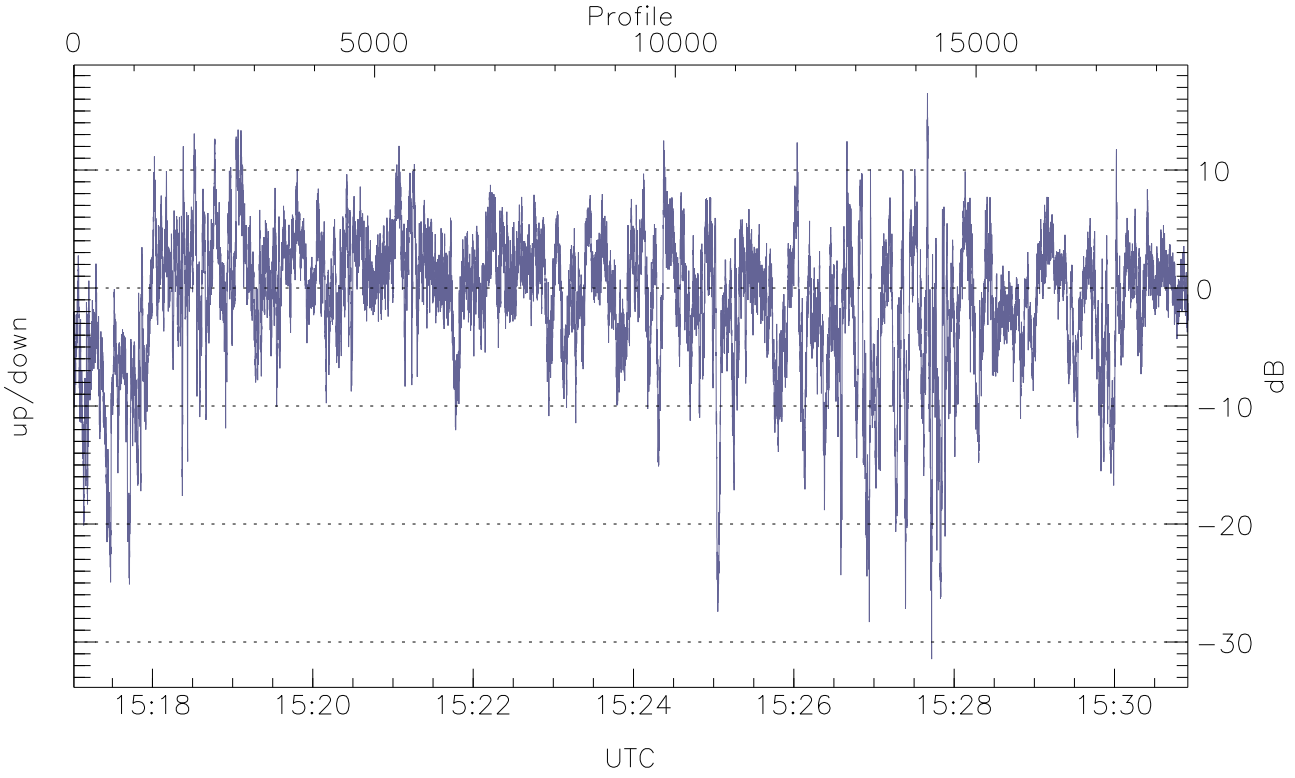


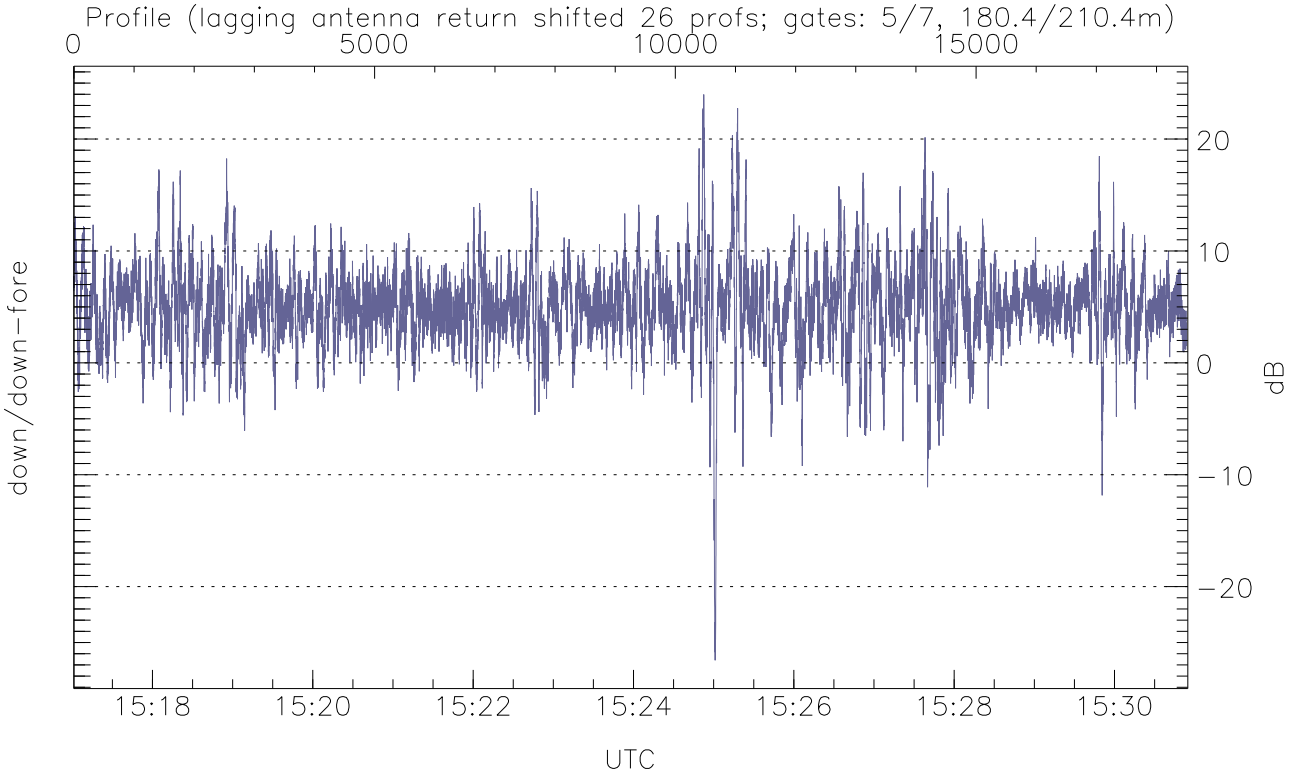
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

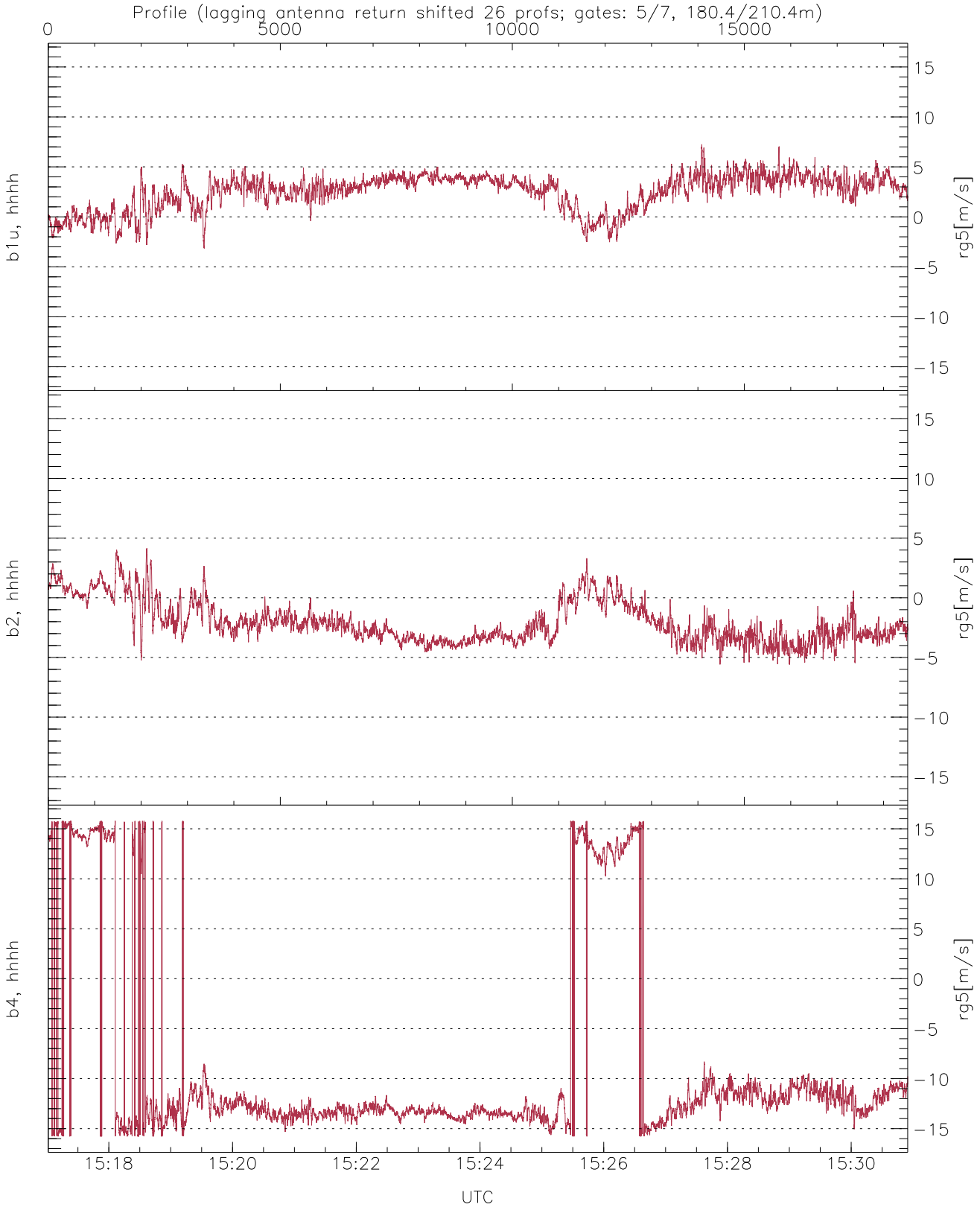
	Min	Max	Mean
up(hh[dBm])	-62.54	-10.07	-21.14
down(hh[dBm])	-61.28	-11.44	-20.74
down-fore(hh[dBm])	-62.61	-14.42	-24.53





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

	Min	Max	Mean
up/down(dB)	-31.45	16.50	-1.11
down/down-fore(dB)	-26.59	23.98	5.03



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-3.16	7.26	2.48	1.73
b2, hhhh(rg5[m/s])	-5.59	4.13	-2.05	1.75
b4, hhhh(rg5[m/s])	-15.79	15.79	-8.56	9.99