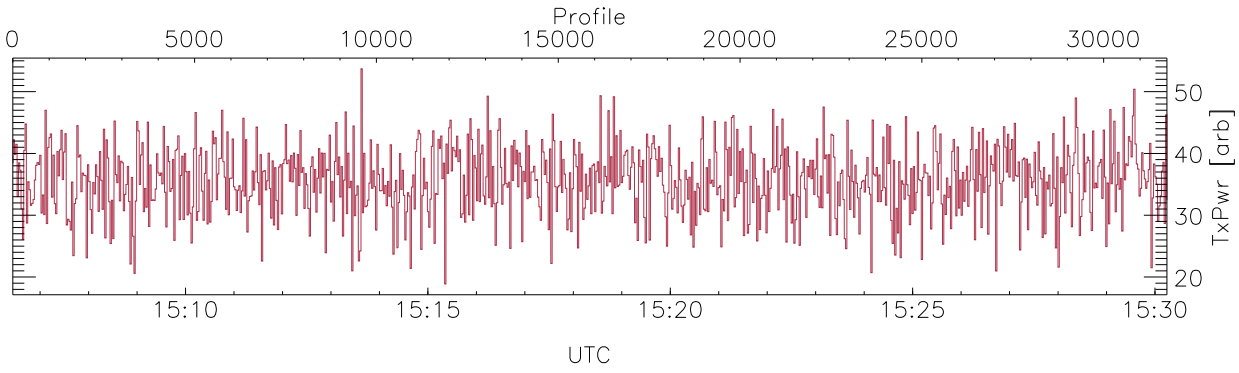
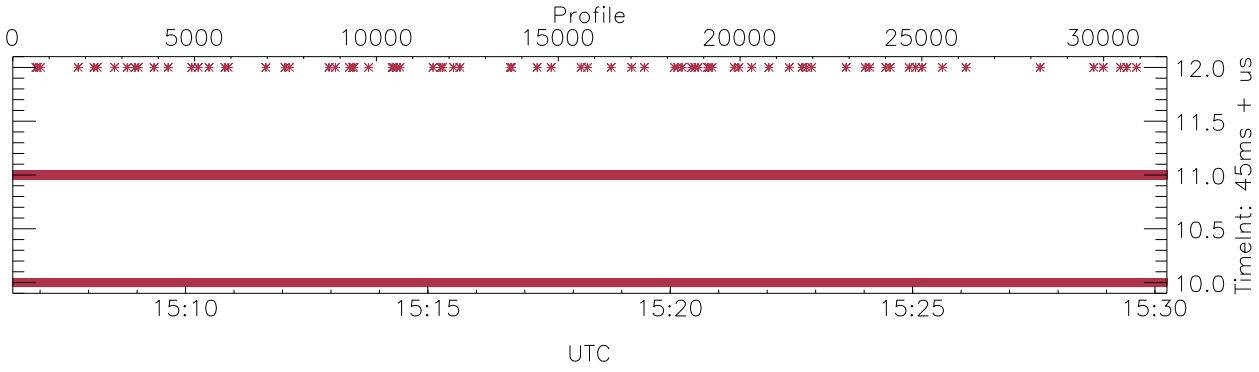
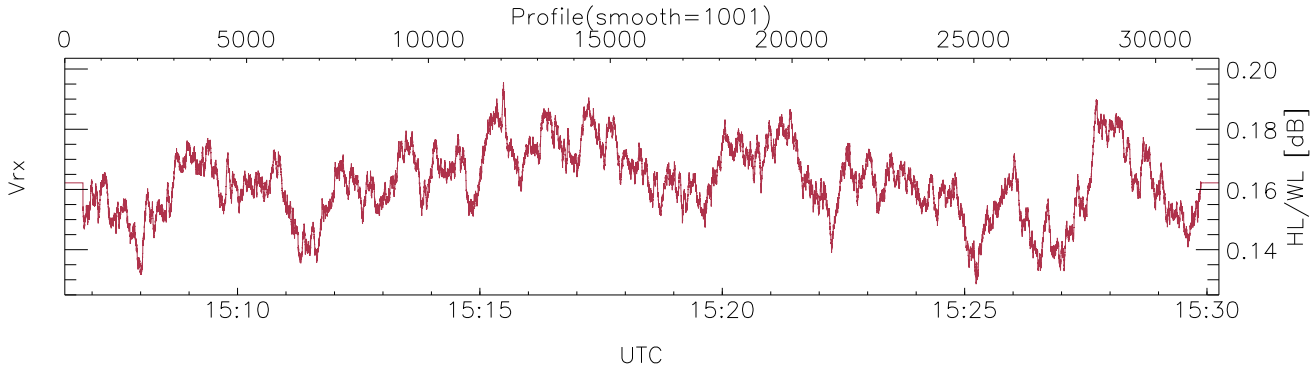
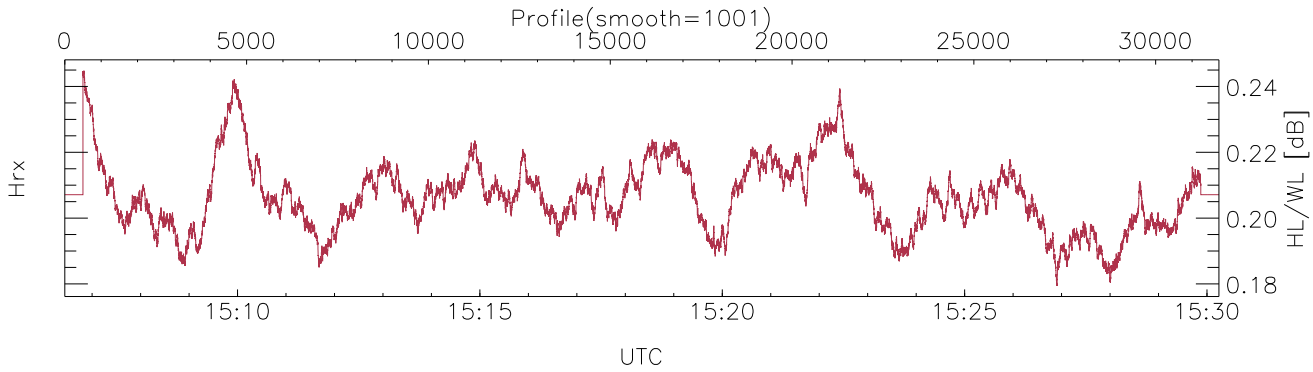


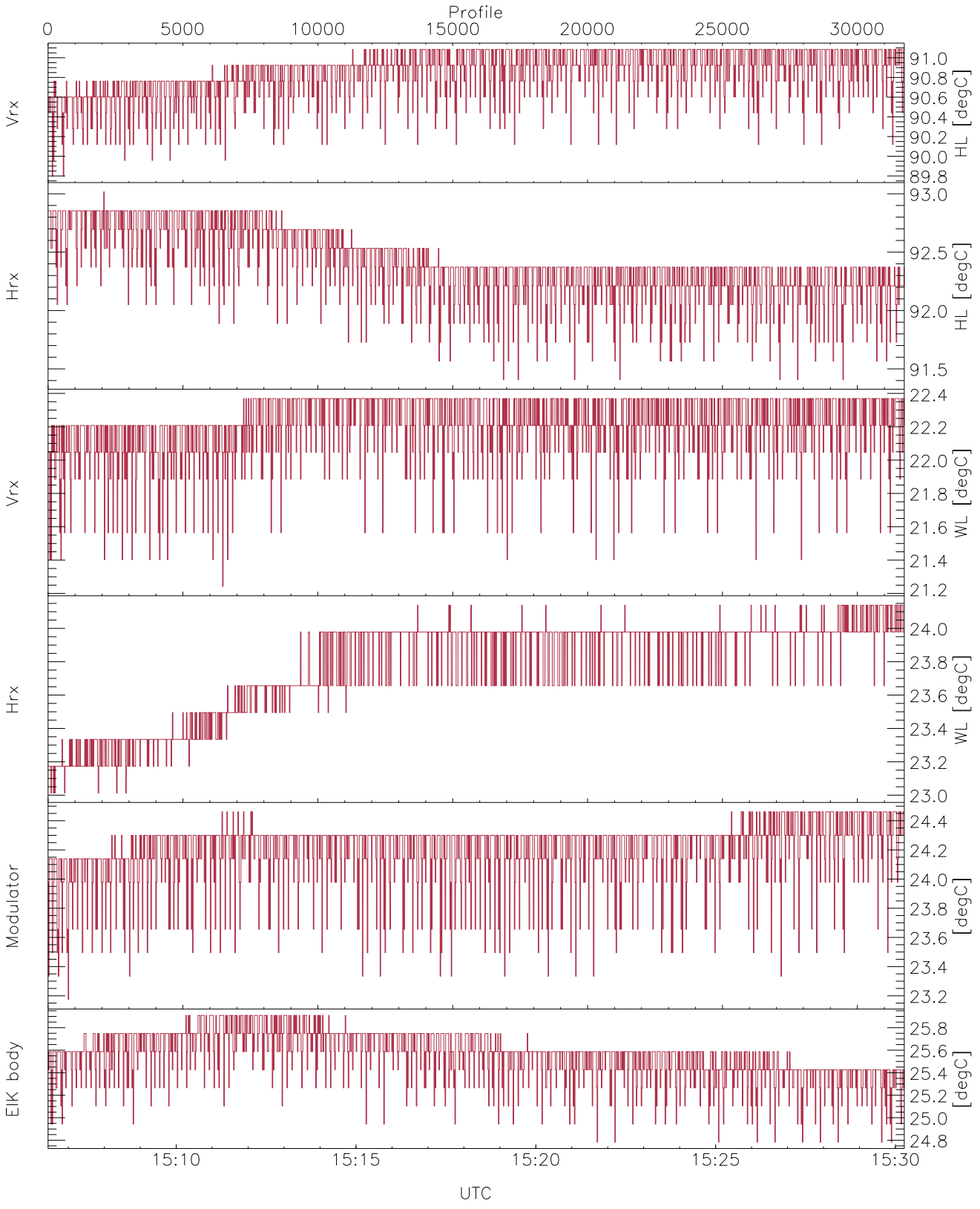






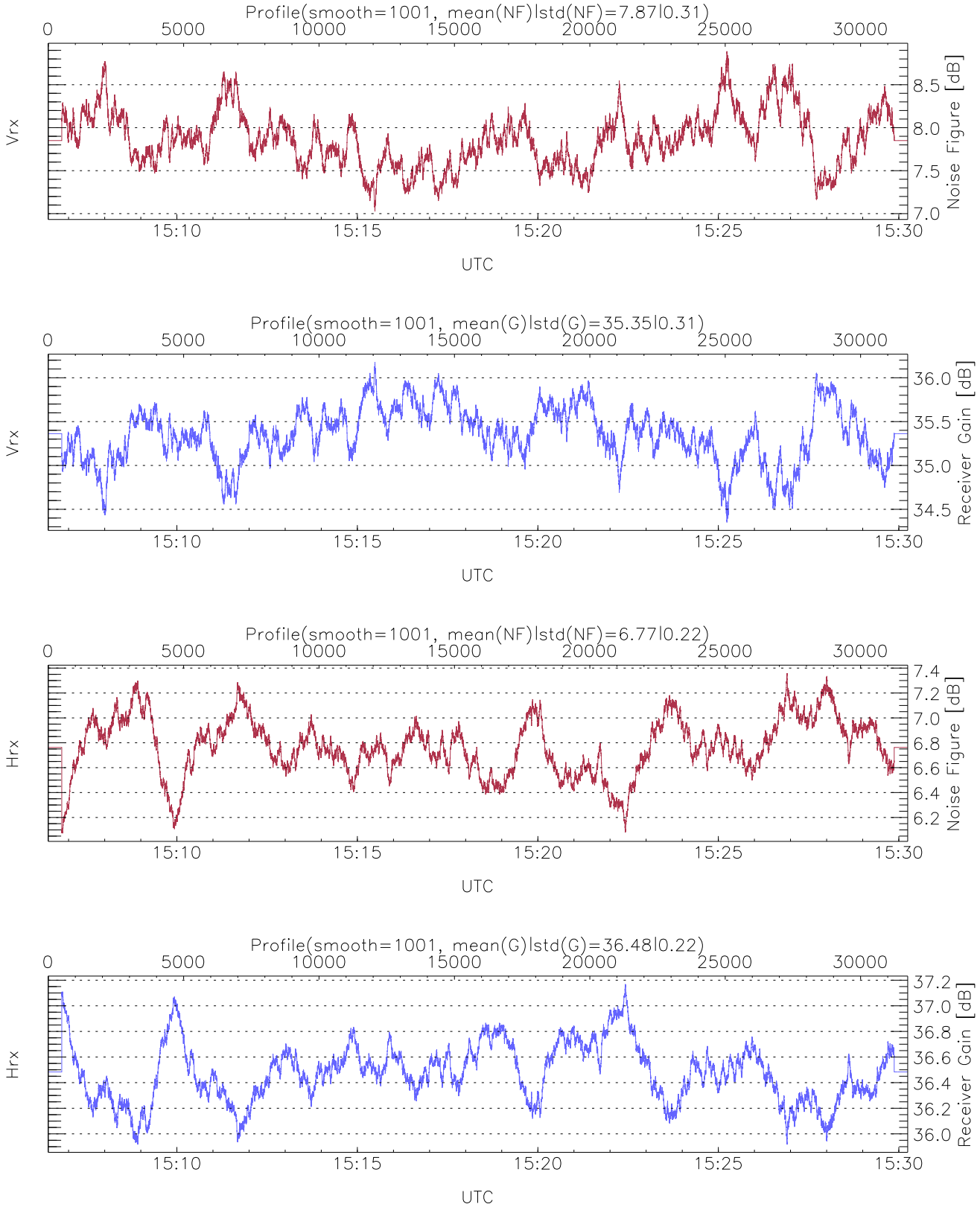
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:06:26-15:30:15, TimeCor: 0.00s, Dur: 1428.66s
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): 31741/31741, 0-31740/15:06:26-15:30:15
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,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1



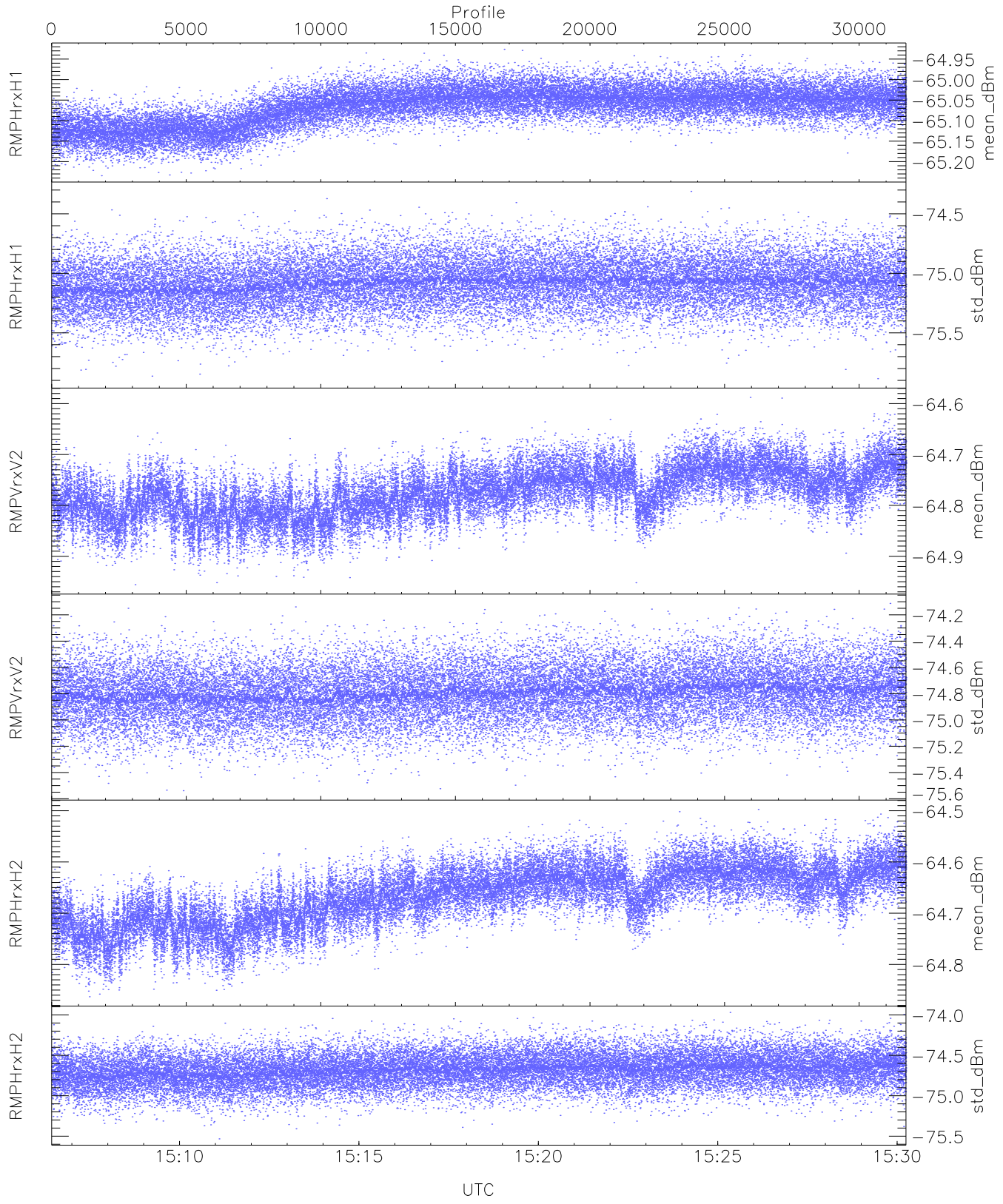
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,91,21,23,23,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,22,24,24,25
LOalarm(20,240,2817,14861 MHz): 0,0,44,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (134,134,156,66,156,134,134,66)



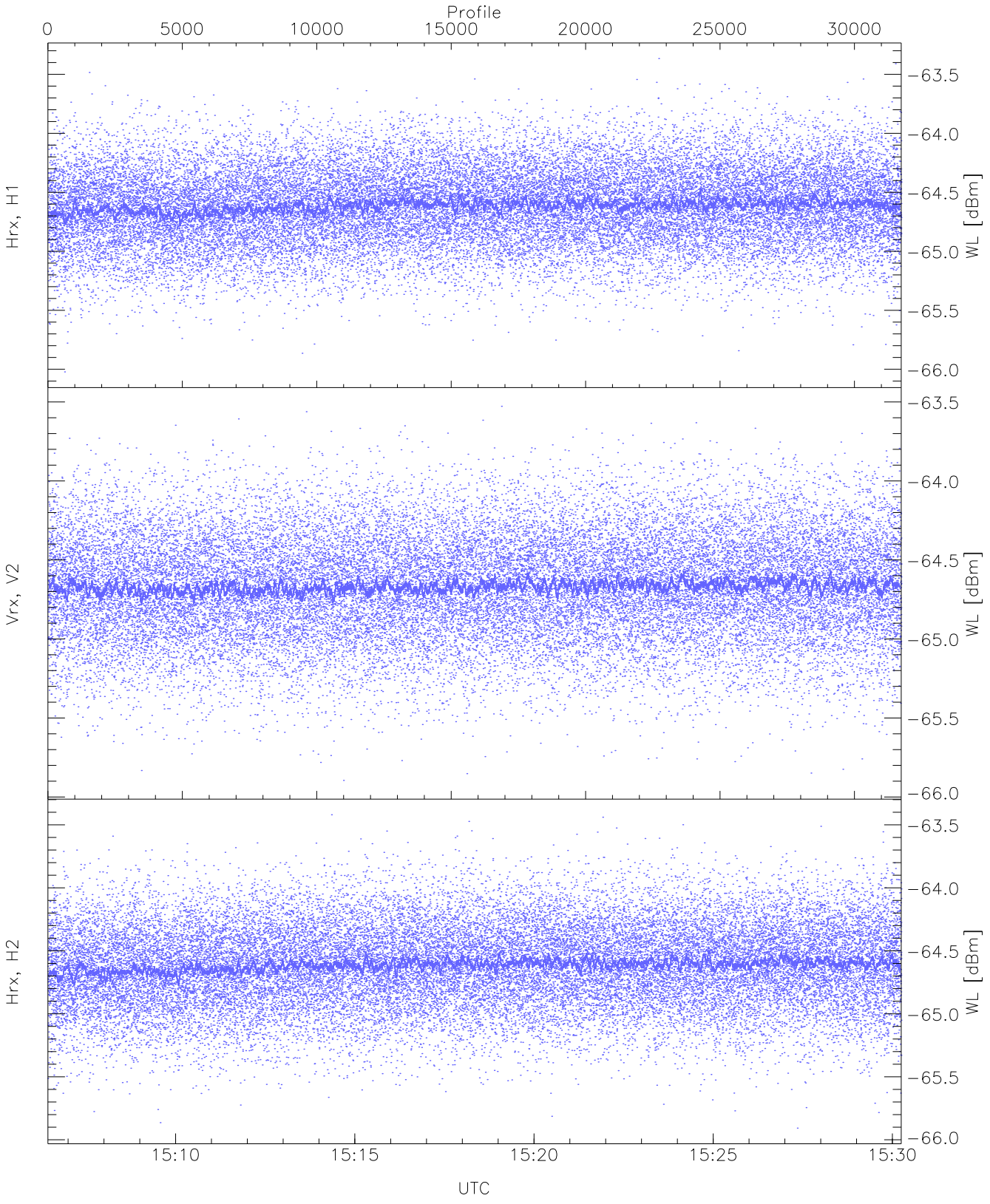
WCR3 CPP Receivers Gain and Noise Figure

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



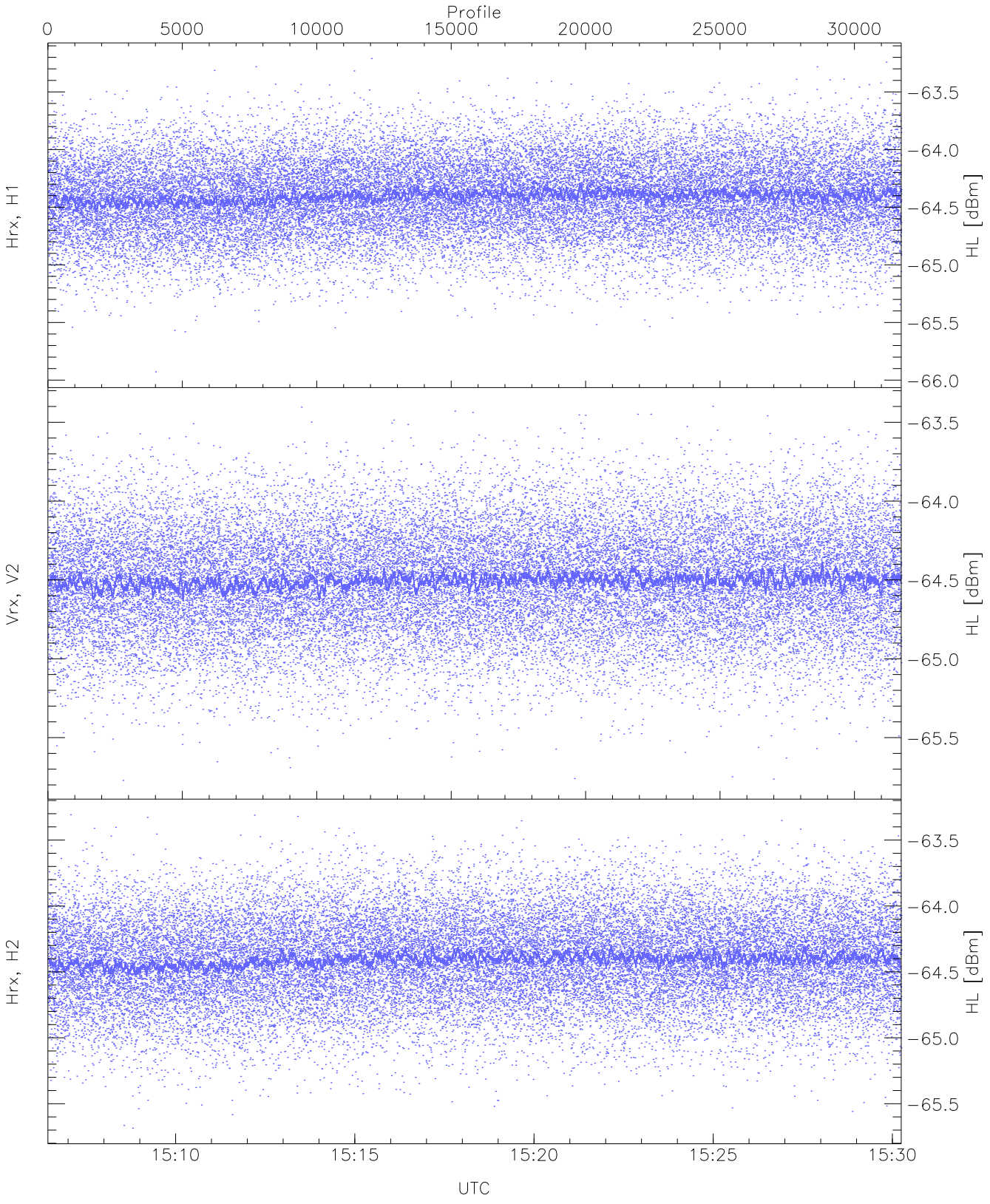
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.23	-64.93	-65.07	-65.06	-84.89
RMPHrxH1(std_dBm)	-75.89	-74.31	-75.08	-75.08	-88.79
RMPVrxV2(mean_dBm)	-64.96	-64.59	-64.77	-64.77	-84.32
RMPVrxV2(std_dBm)	-75.54	-74.11	-74.79	-74.80	-88.49
RMPHrxH2(mean_dBm)	-64.86	-64.50	-64.67	-64.66	-83.60
RMPHrxH2(std_dBm)	-75.53	-73.97	-74.68	-74.68	-88.36



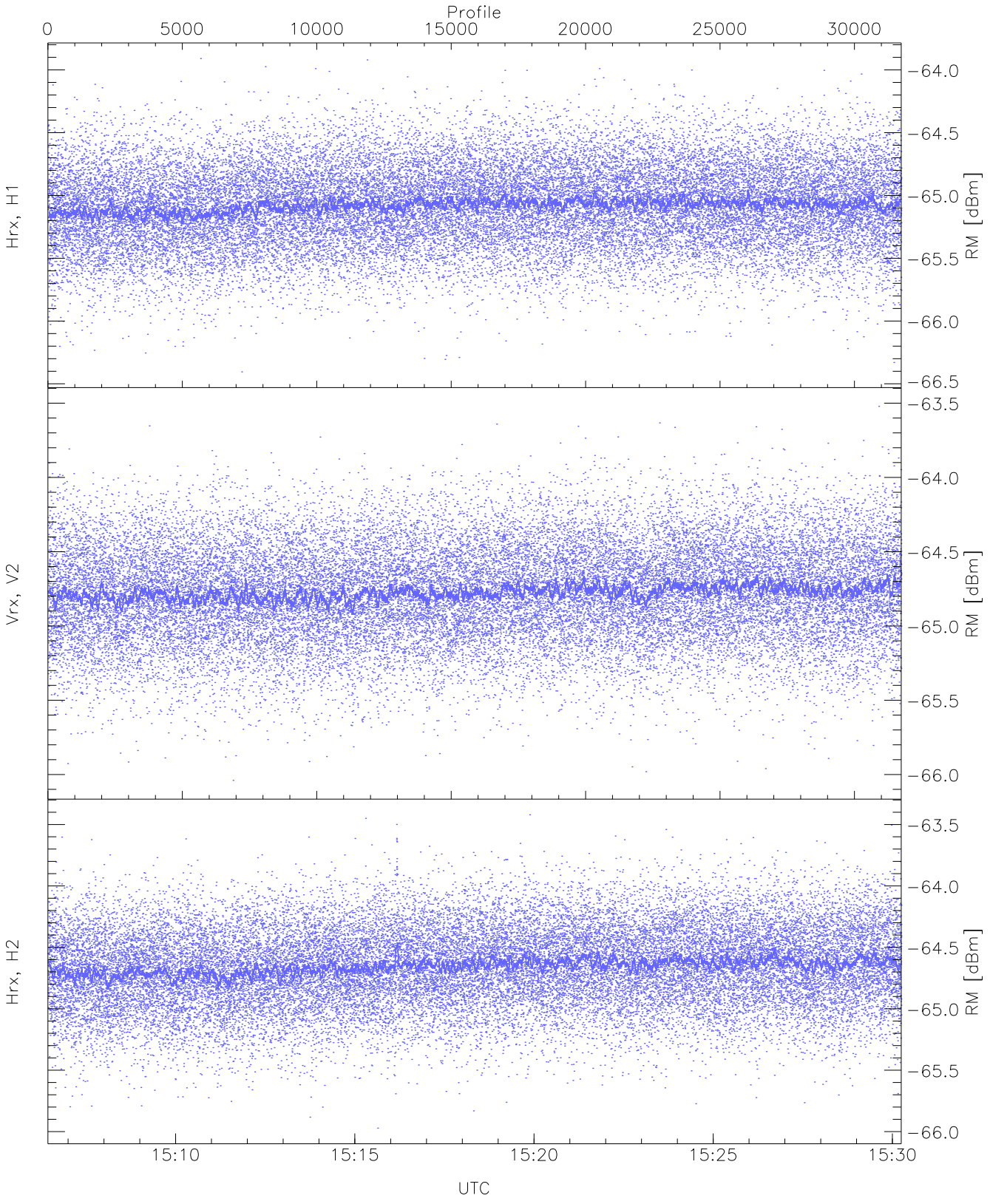
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.02	-63.37	-64.61	-64.62	-76.09
Vrx, V2(WL [dBm])	-65.89	-63.53	-64.66	-64.67	-76.15
Hrx, H2(WL [dBm])	-65.91	-63.42	-64.61	-64.61	-76.06



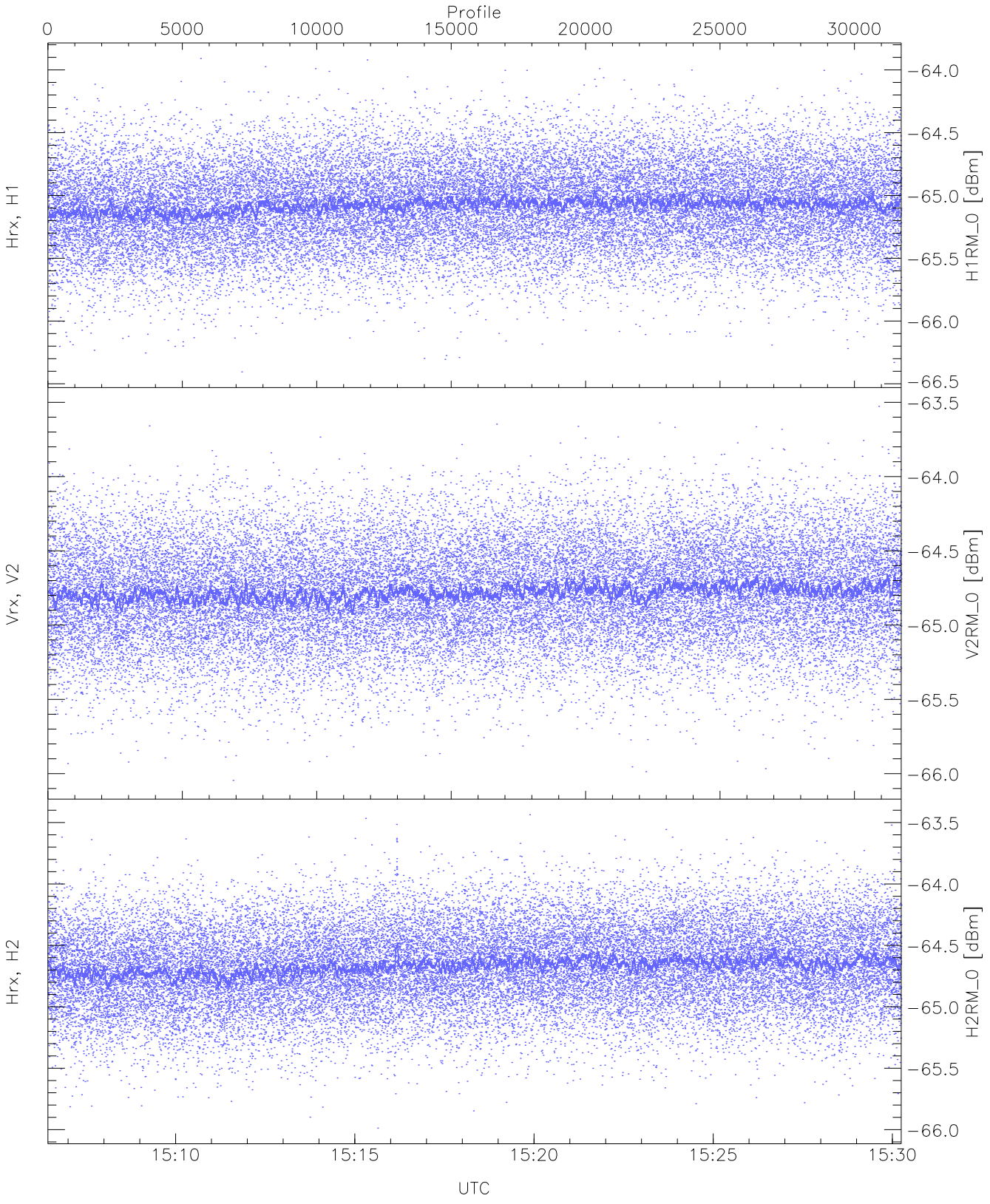
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.93	-63.21	-64.40	-64.41	-75.90
Vrx, V2(HL [dBm])	-65.77	-63.40	-64.50	-64.50	-76.02
Hrx, H2(HL [dBm])	-65.68	-63.31	-64.40	-64.41	-75.88



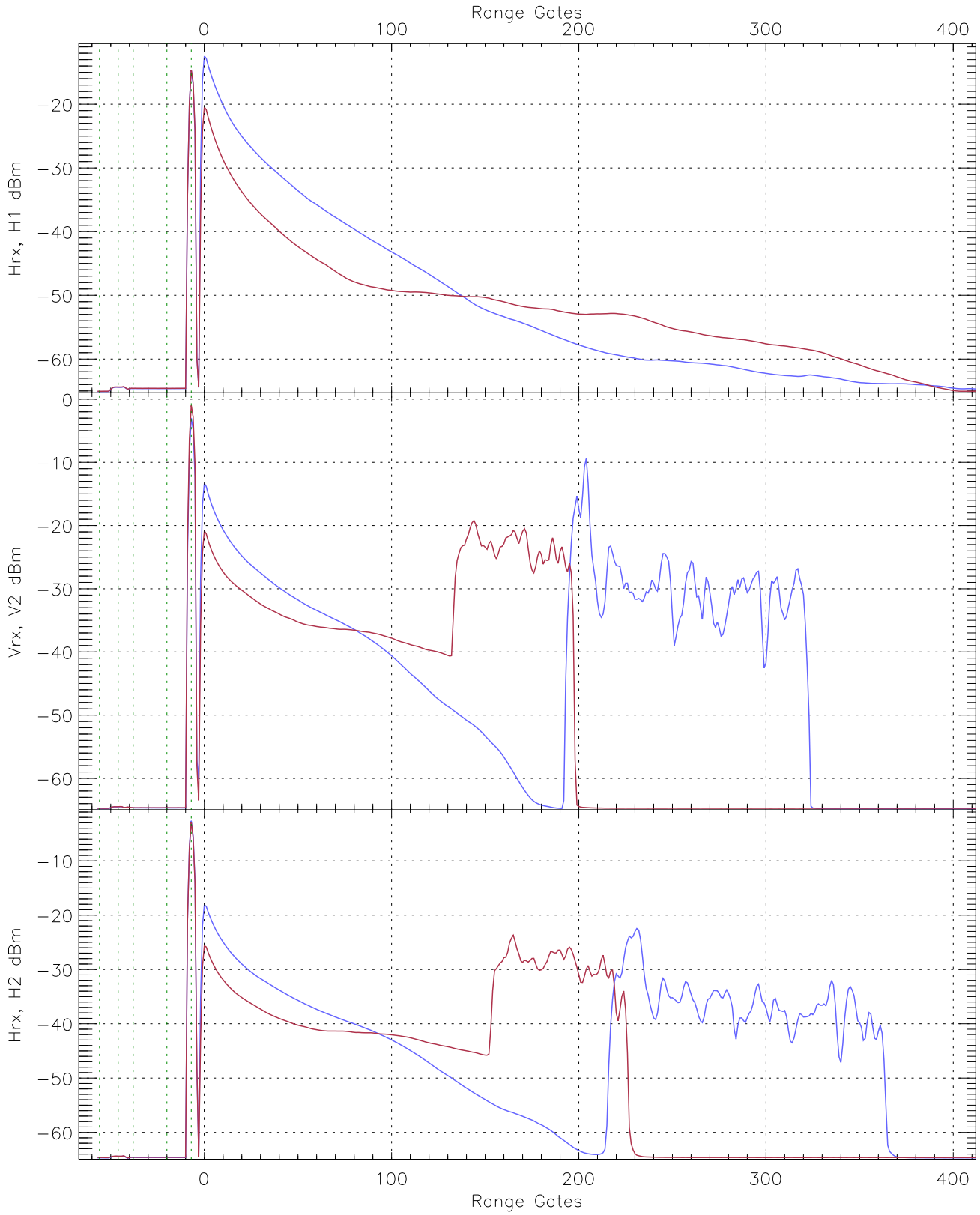
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.41	-63.91	-65.08	-65.08	-76.57
Vrx, V2(RM [dBm])	-66.04	-63.52	-64.77	-64.78	-76.26
Hrx, H2(RM [dBm])	-65.97	-63.42	-64.65	-64.66	-76.11

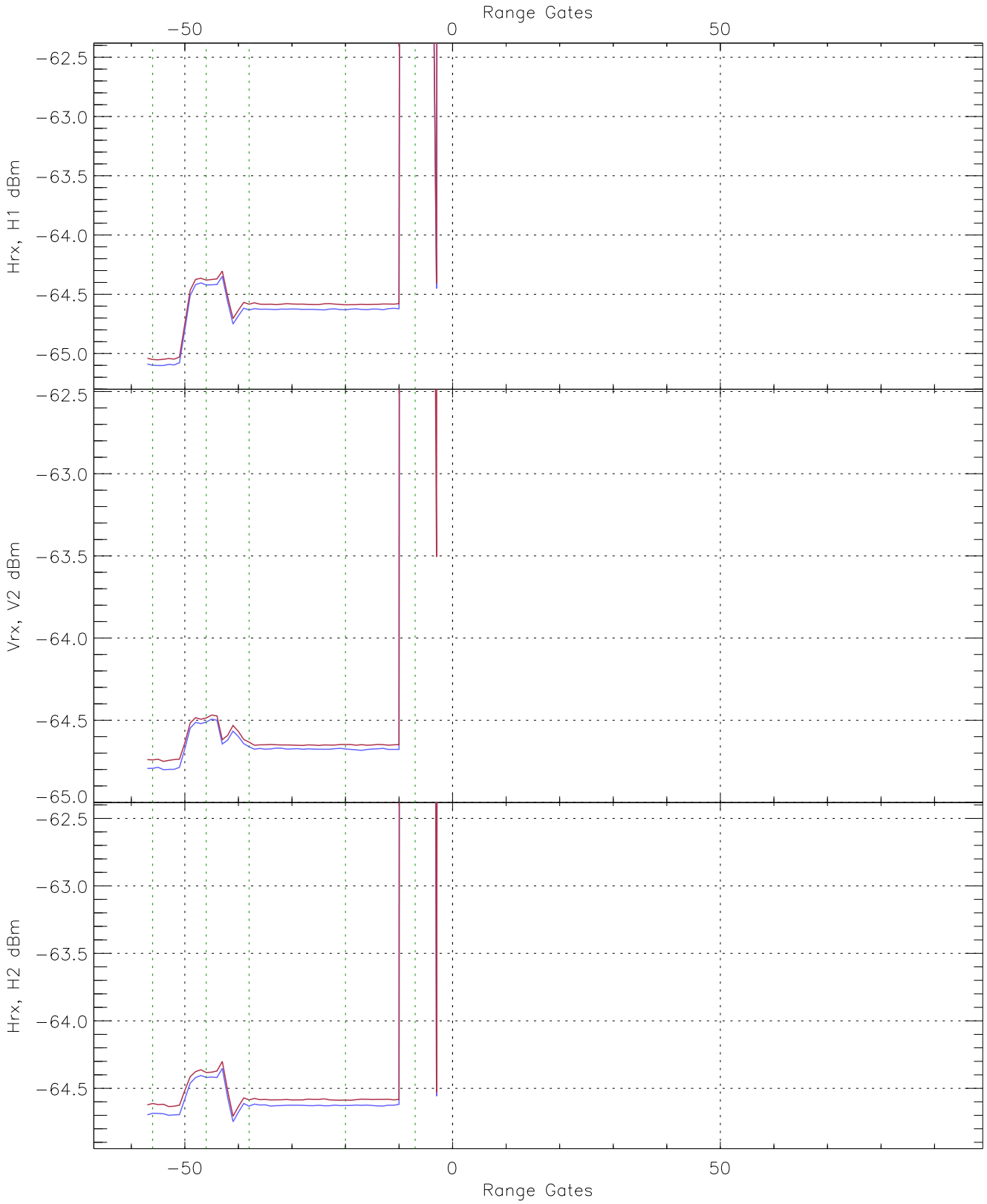


WCR3 CPP "Best" estimate Receivers Noise Power

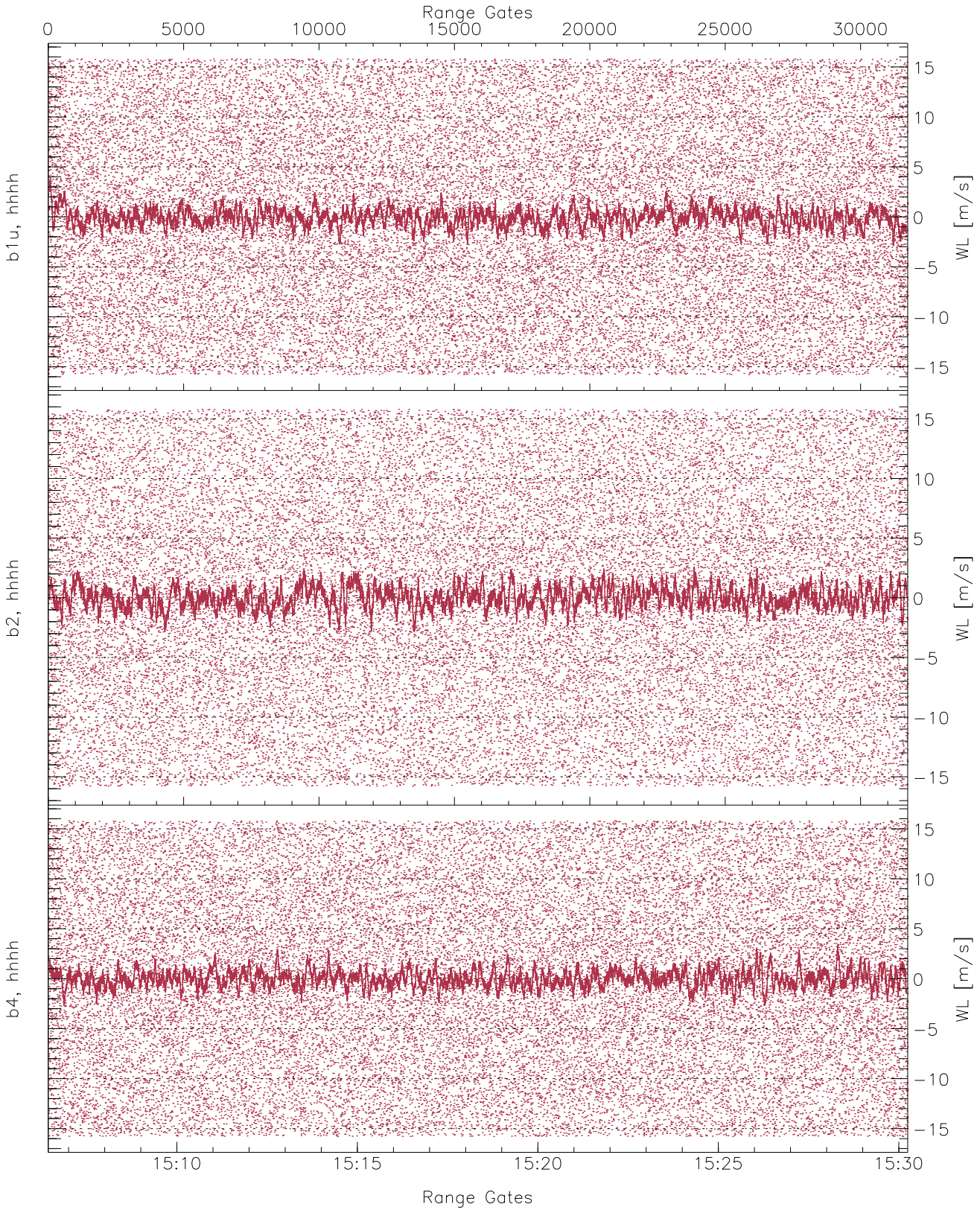
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.41	-63.91	-65.08	-65.08	-76.57
V2RM_0 [dBm]	-66.05	-63.53	-64.77	-64.78	-76.26
H2RM_0 [dBm]	-65.99	-63.44	-64.66	-64.67	-76.12



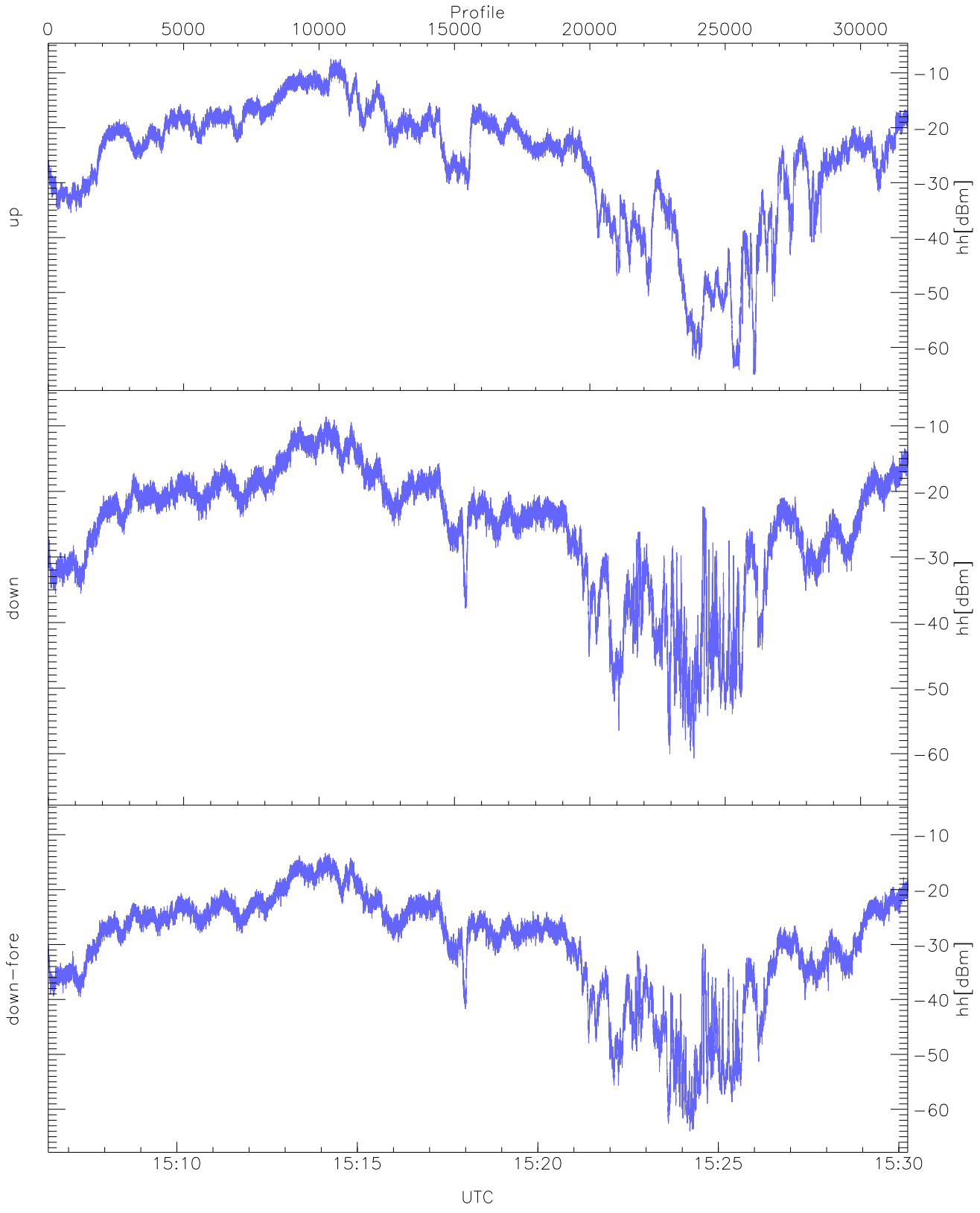
WCR3 CPP Averaged Received power for all recorded gates
blue: 150626-151820, 15871 profiles averaged
red: 151820-153015, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 150626-151820, 15871 profiles averaged
red: 151820-153015, 15871 profiles averaged

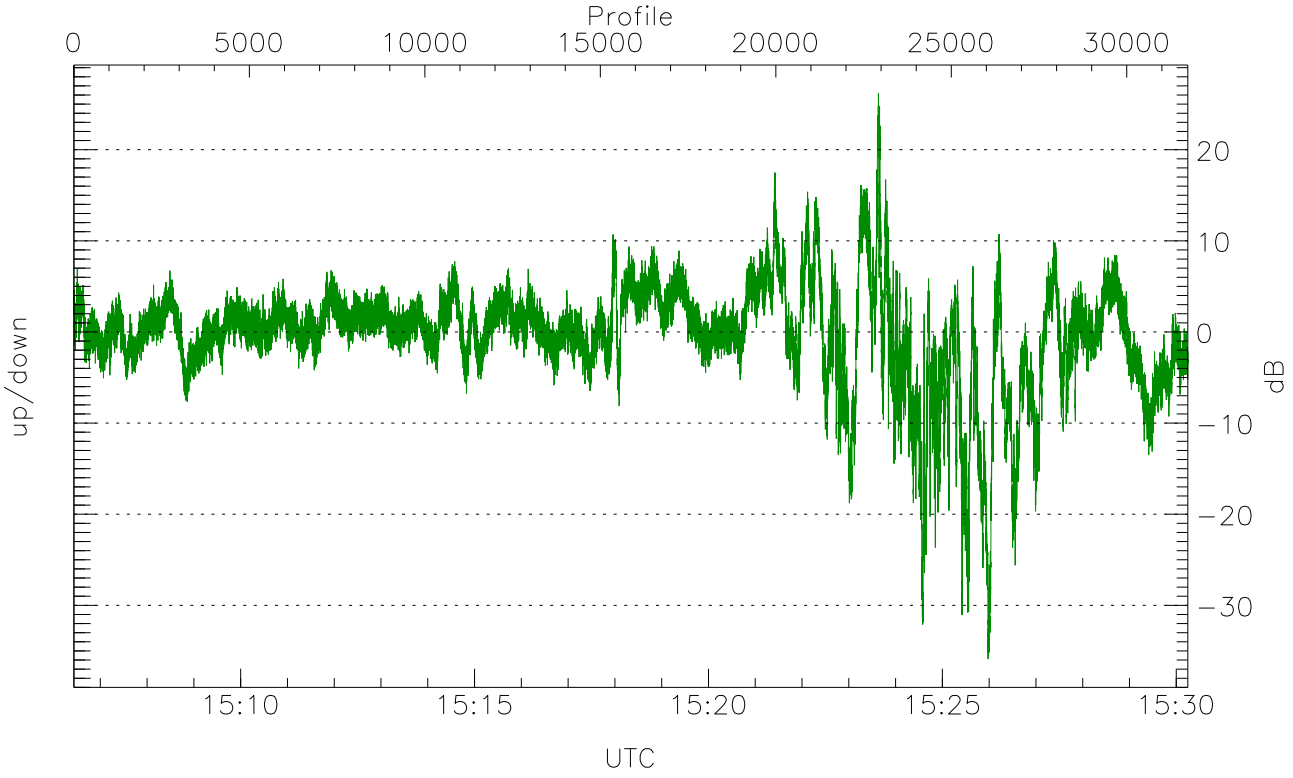


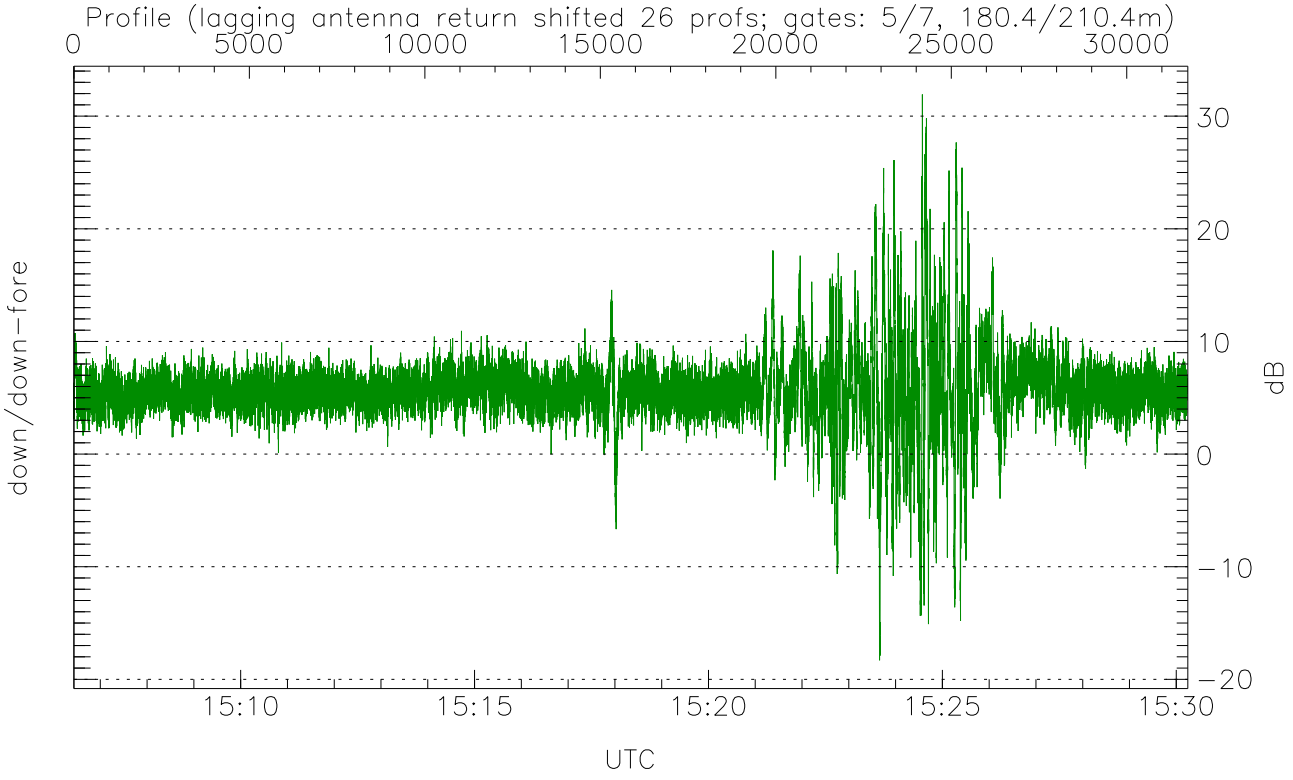
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

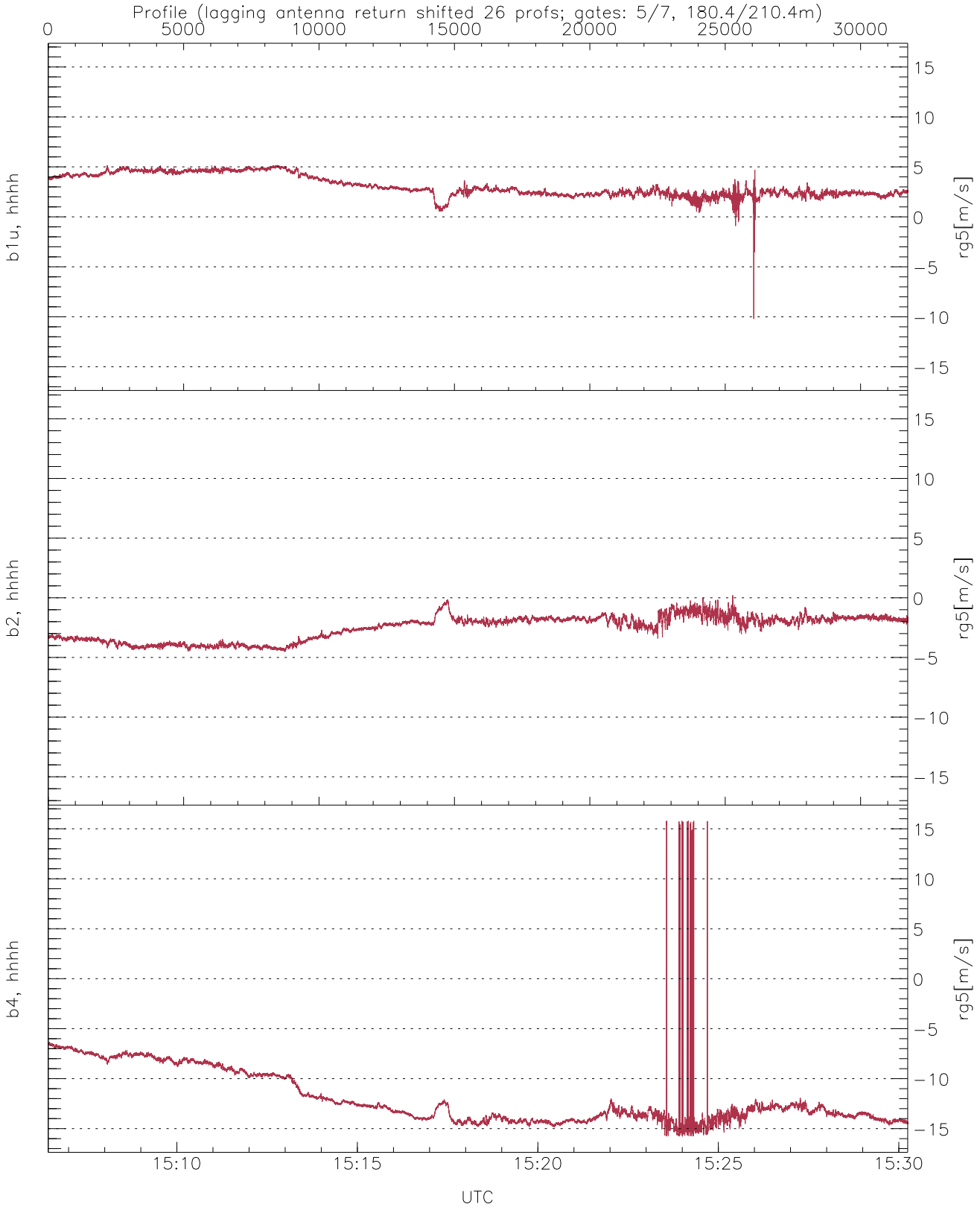
	Min	Max	Mean
up(hh[dBm])	-64.96	-7.48	-18.99
down(hh[dBm])	-60.72	-8.61	-19.80
down-fore(hh[dBm])	-64.01	-13.35	-24.16





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

	Min	Max	Mean
up/down(dB)	-35.89	26.19	-0.38
down/down-fore(dB)	-18.31	31.92	5.66



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-10.21	5.18	3.08	1.07
b2, hhhh(rg5[m/s])	-4.53	0.21	-2.51	1.02
b4, hhhh(rg5[m/s])	-15.79	15.78	-12.01	2.72