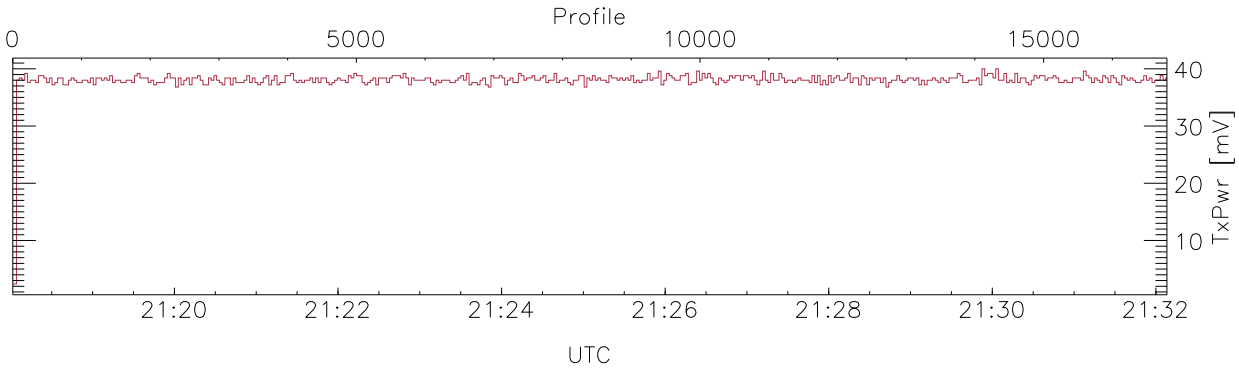
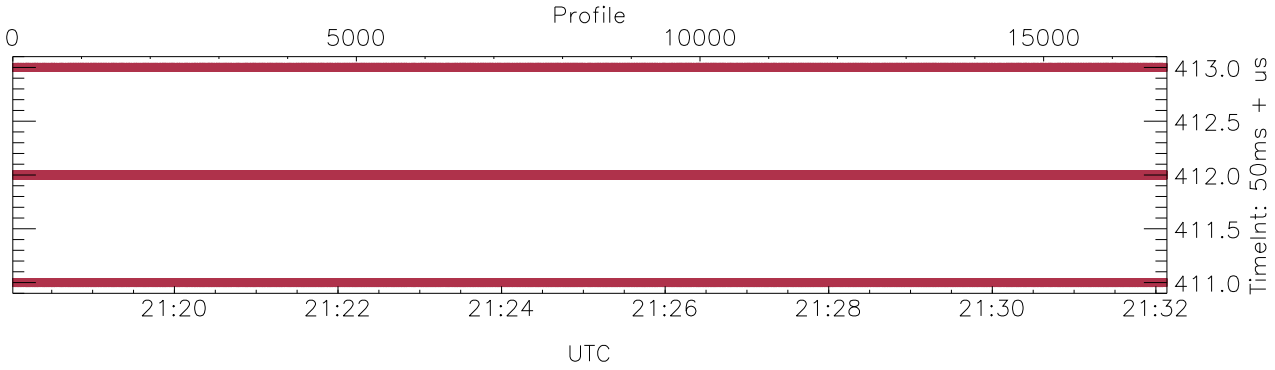
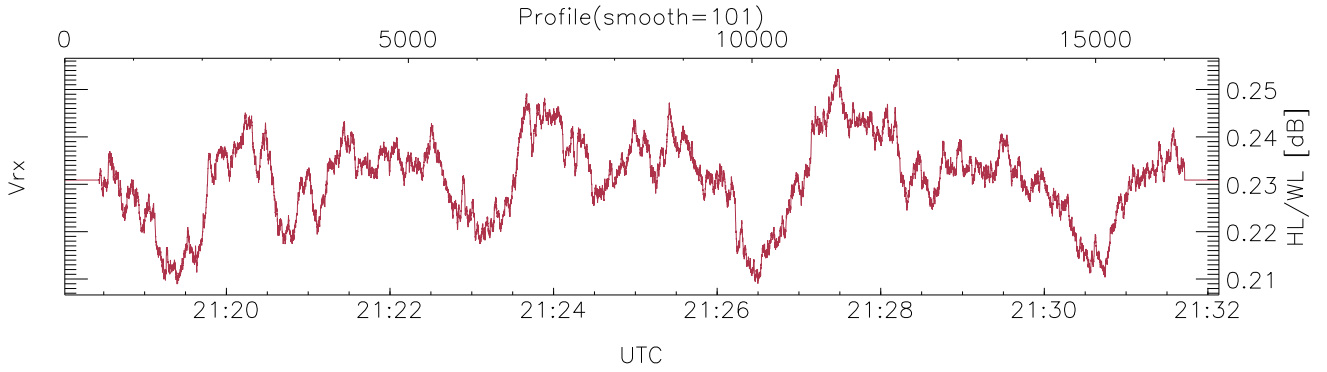
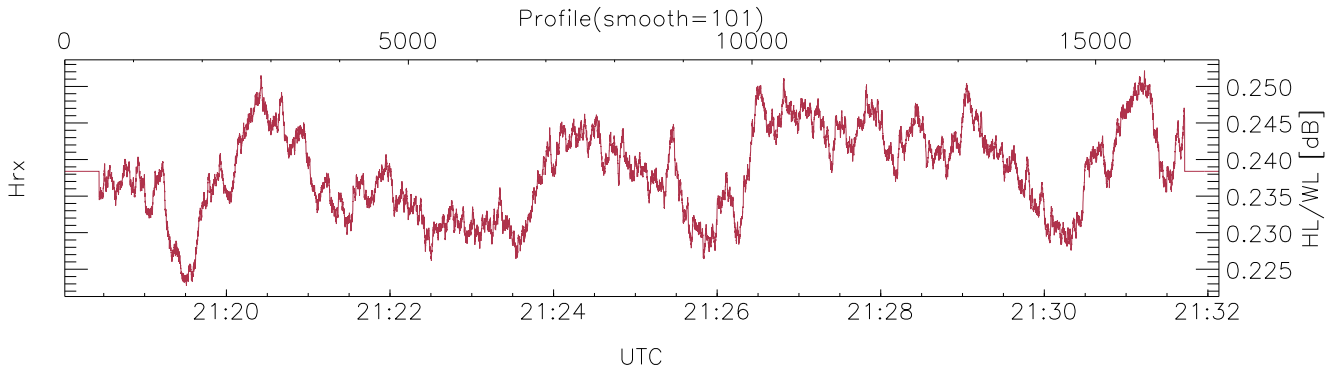


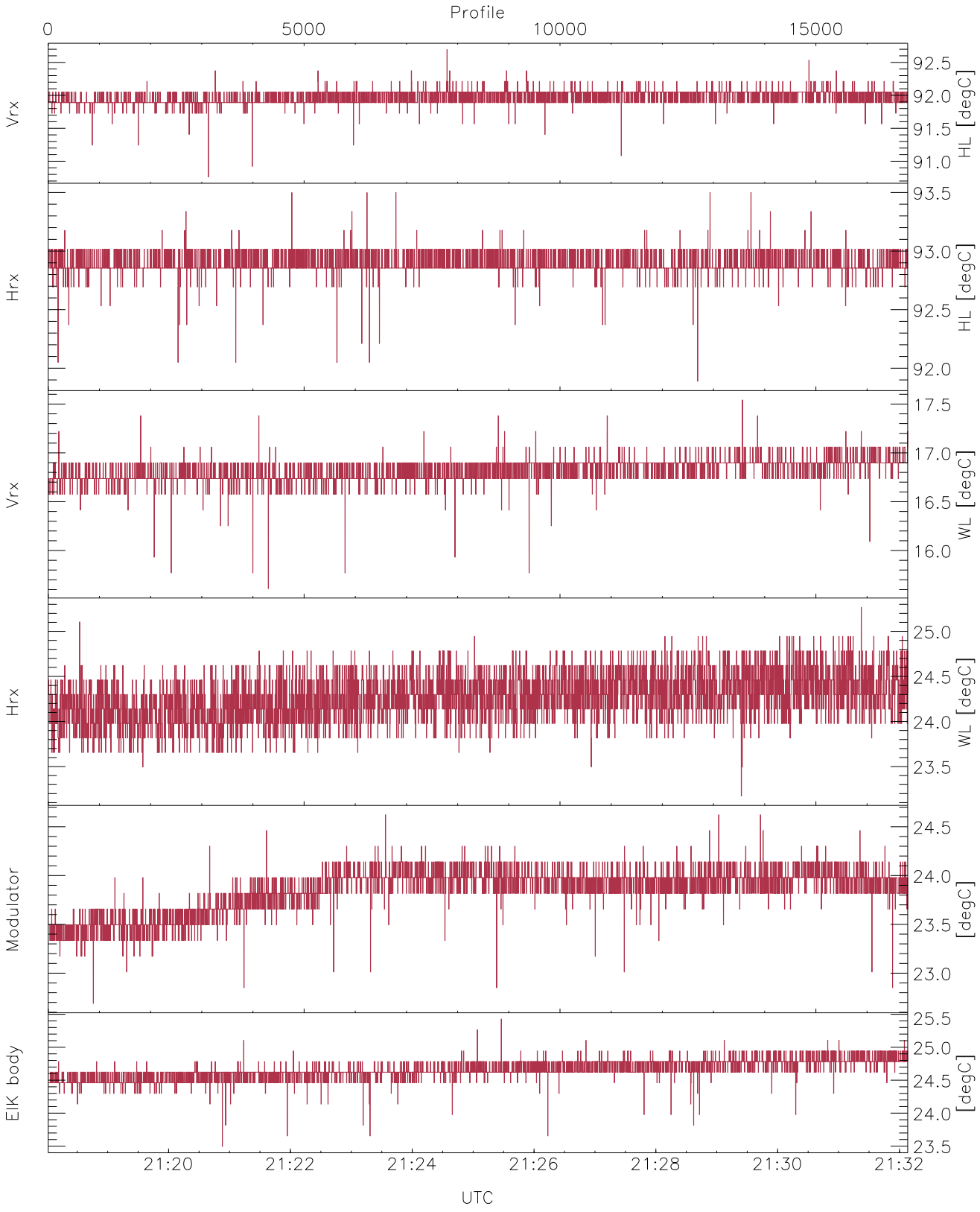






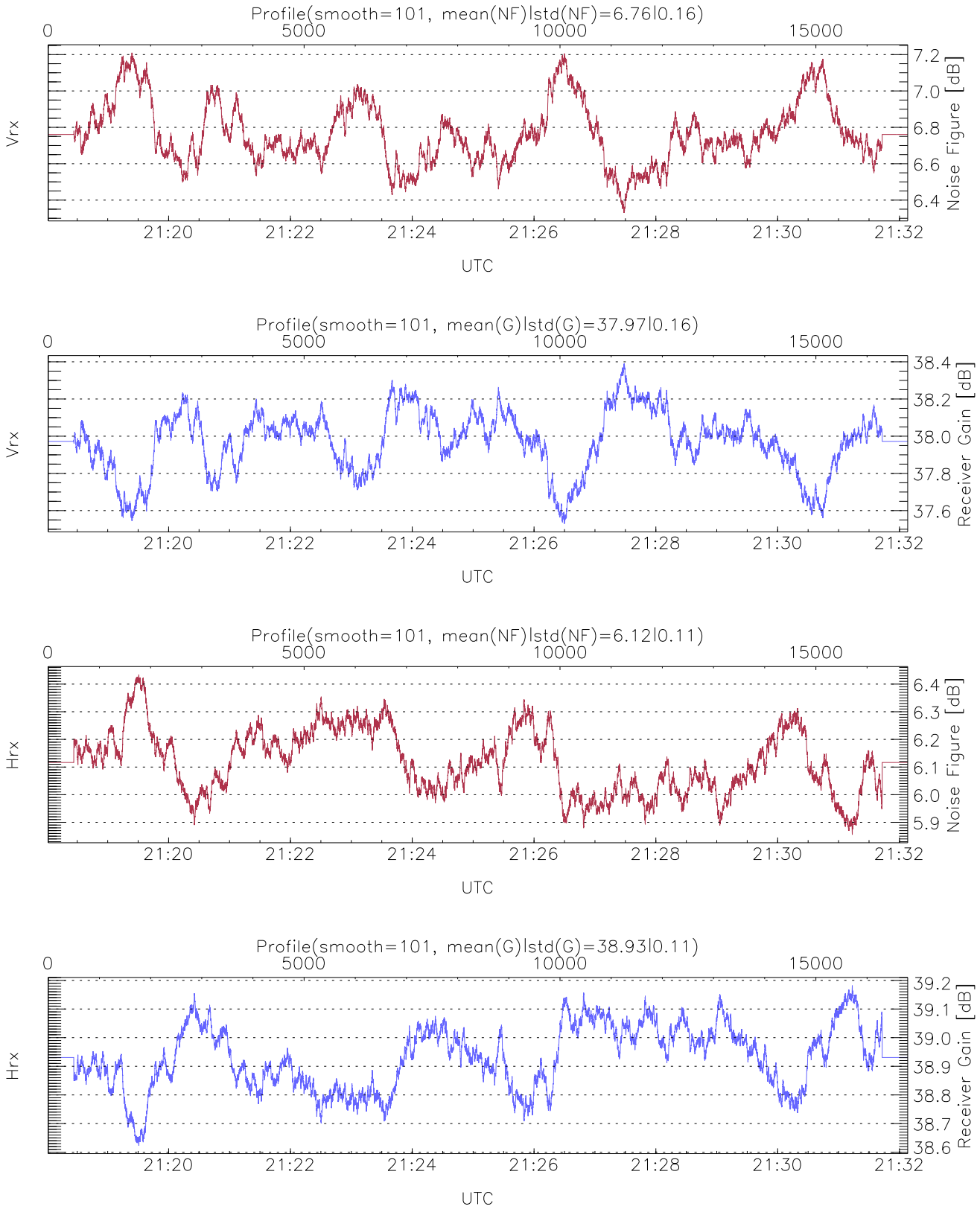
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:18:01-21:32:08, Dur: 846.68s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 16796/16796, 0-16795/21:18:01-21:32:08
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
Range(min,max,rgs): 105,5271,15.0 m, Gates: 345, Aspect: 3.3
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1



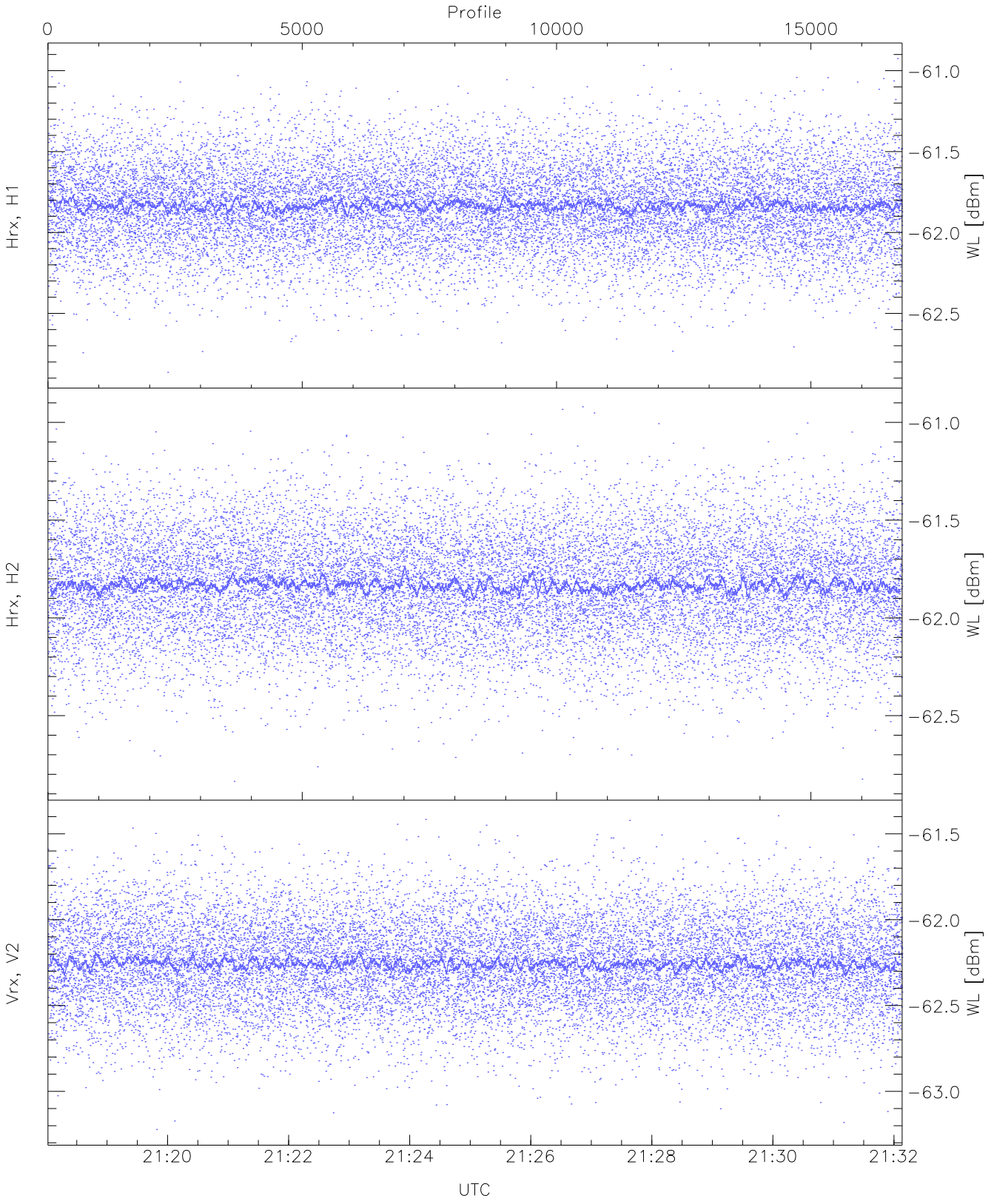
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,15,23,22,23
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,17,25,24,25
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,5,20)



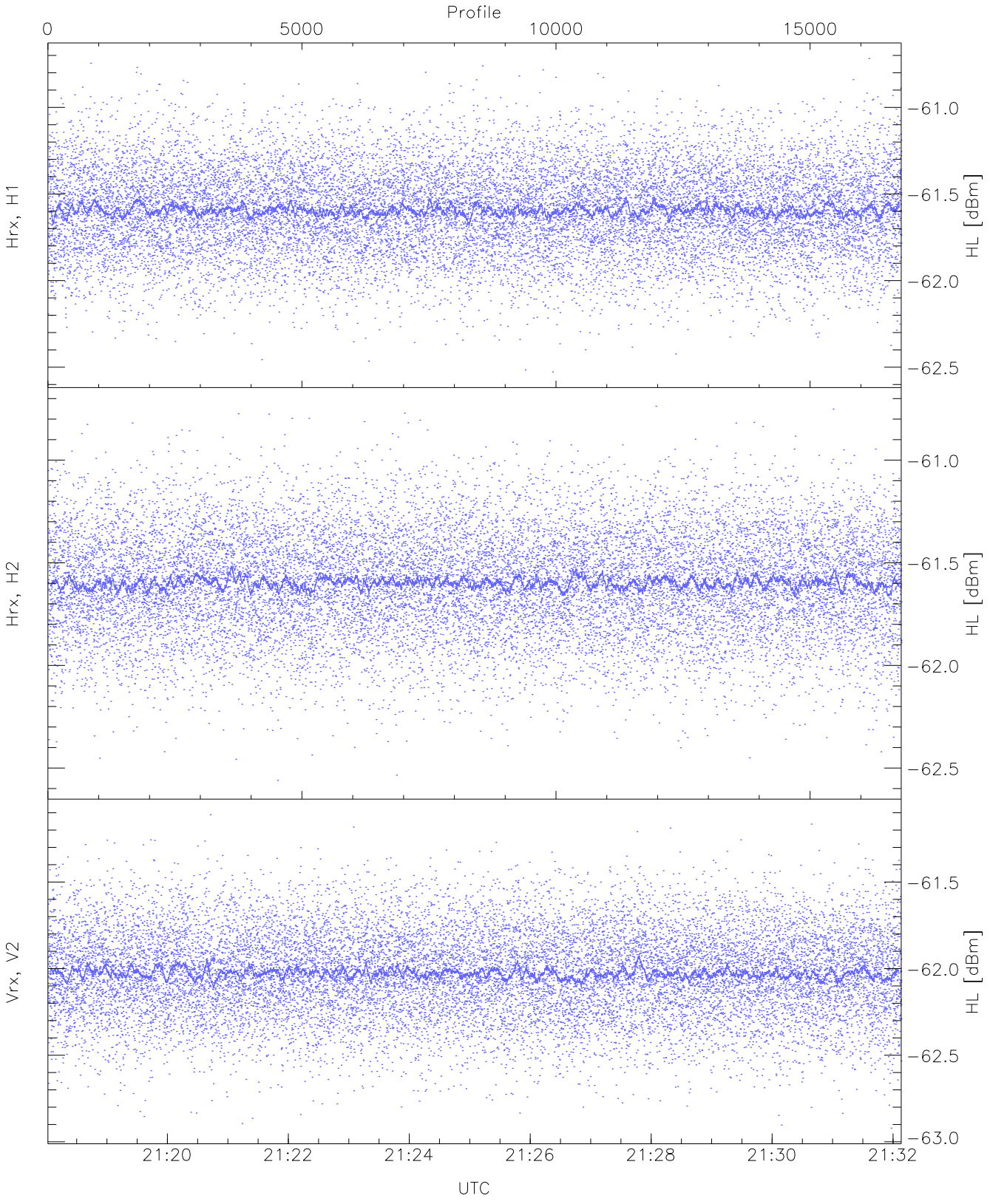
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 7404 pixs, 43 gates, 7235 profs, 2 prods



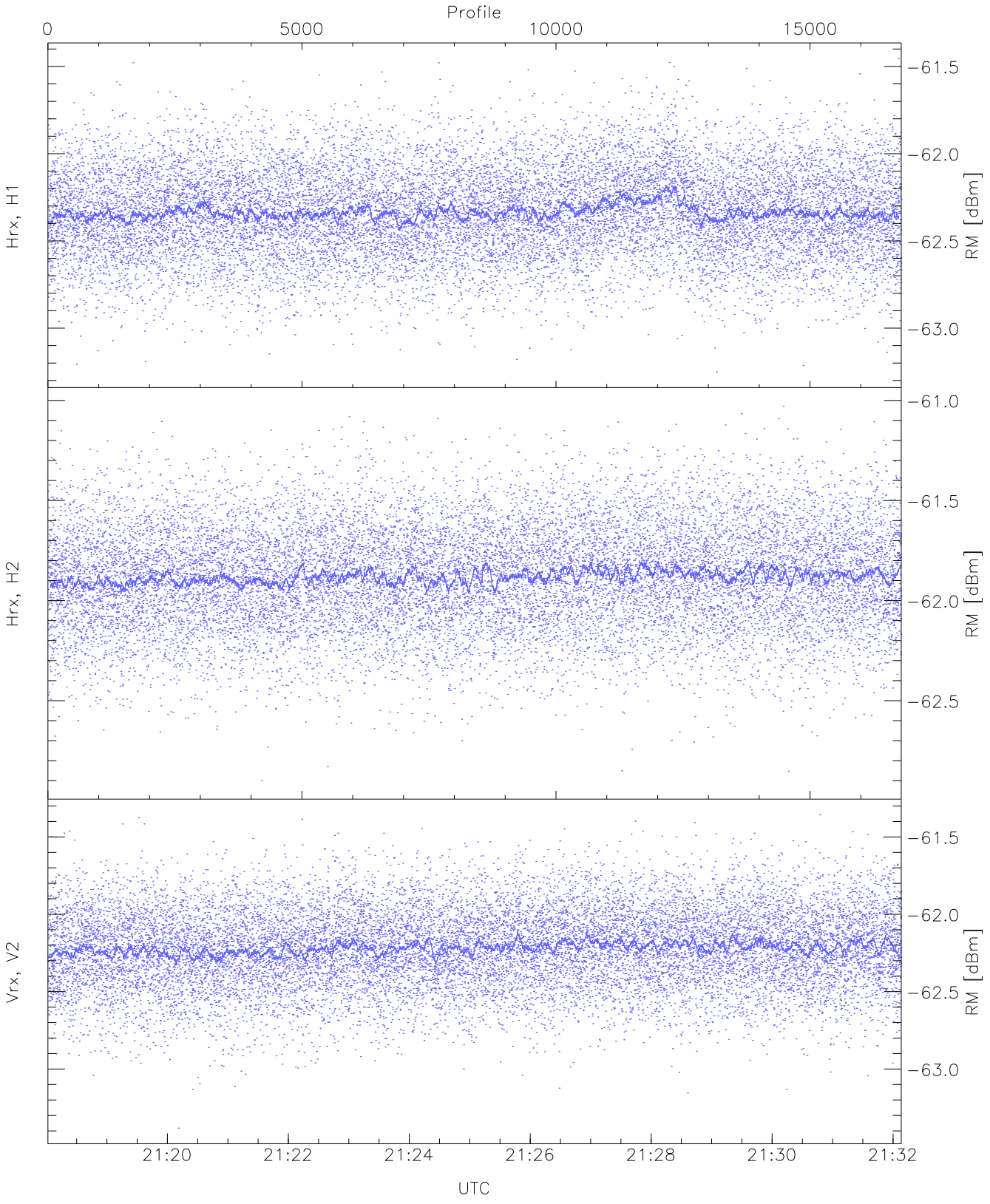
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.86	-60.93	-61.83	-61.83	-74.41
Hrx, H2(WL [dBm])	-62.84	-60.92	-61.83	-61.83	-74.39
Vrx, V2(WL [dBm])	-63.22	-61.39	-62.25	-62.26	-74.85



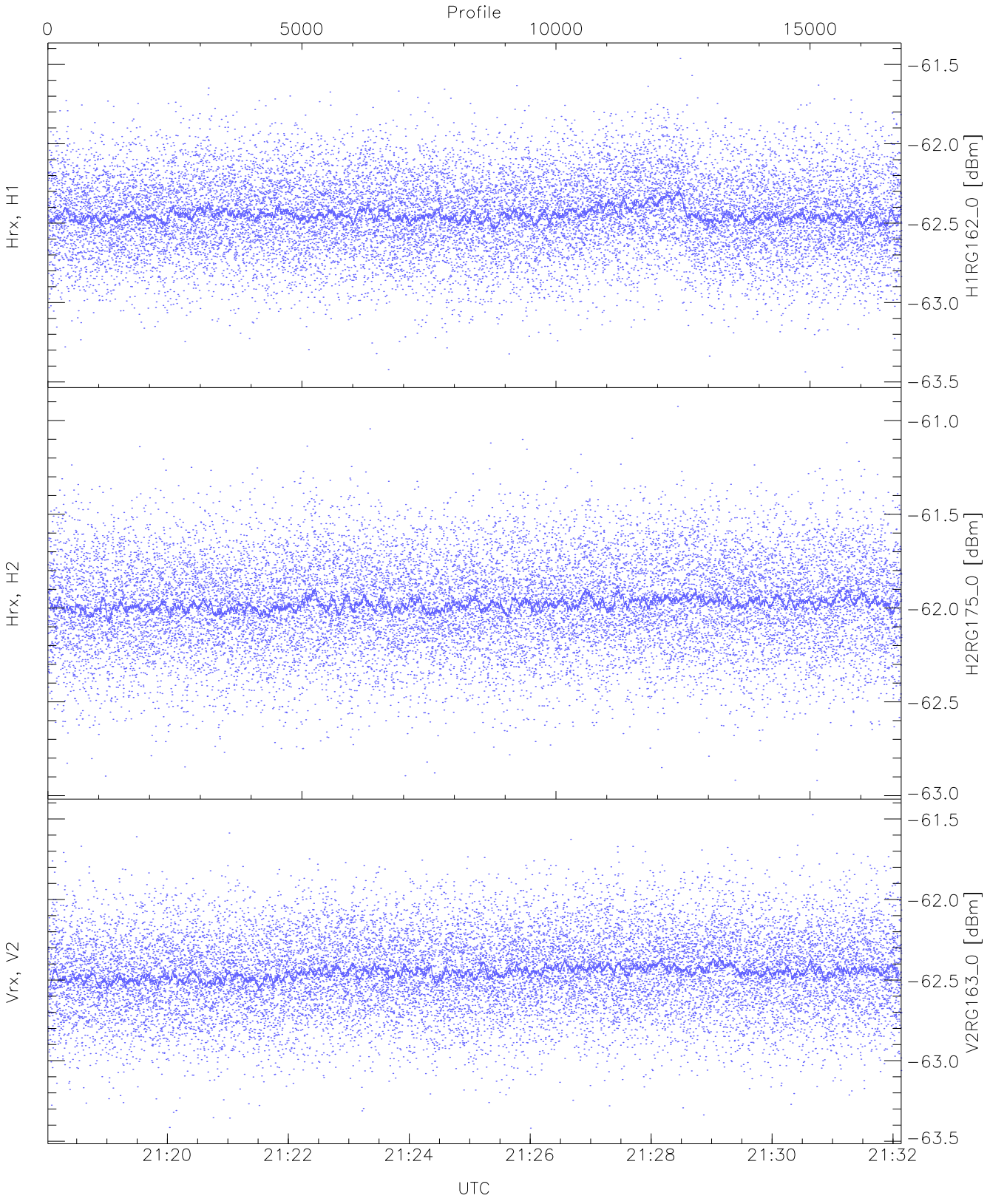
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.53	-60.72	-61.59	-61.59	-74.18
Hrx, H2(HL [dBm])	-62.56	-60.74	-61.59	-61.60	-74.18
Vrx, V2(HL [dBm])	-62.92	-61.11	-62.02	-62.03	-74.59



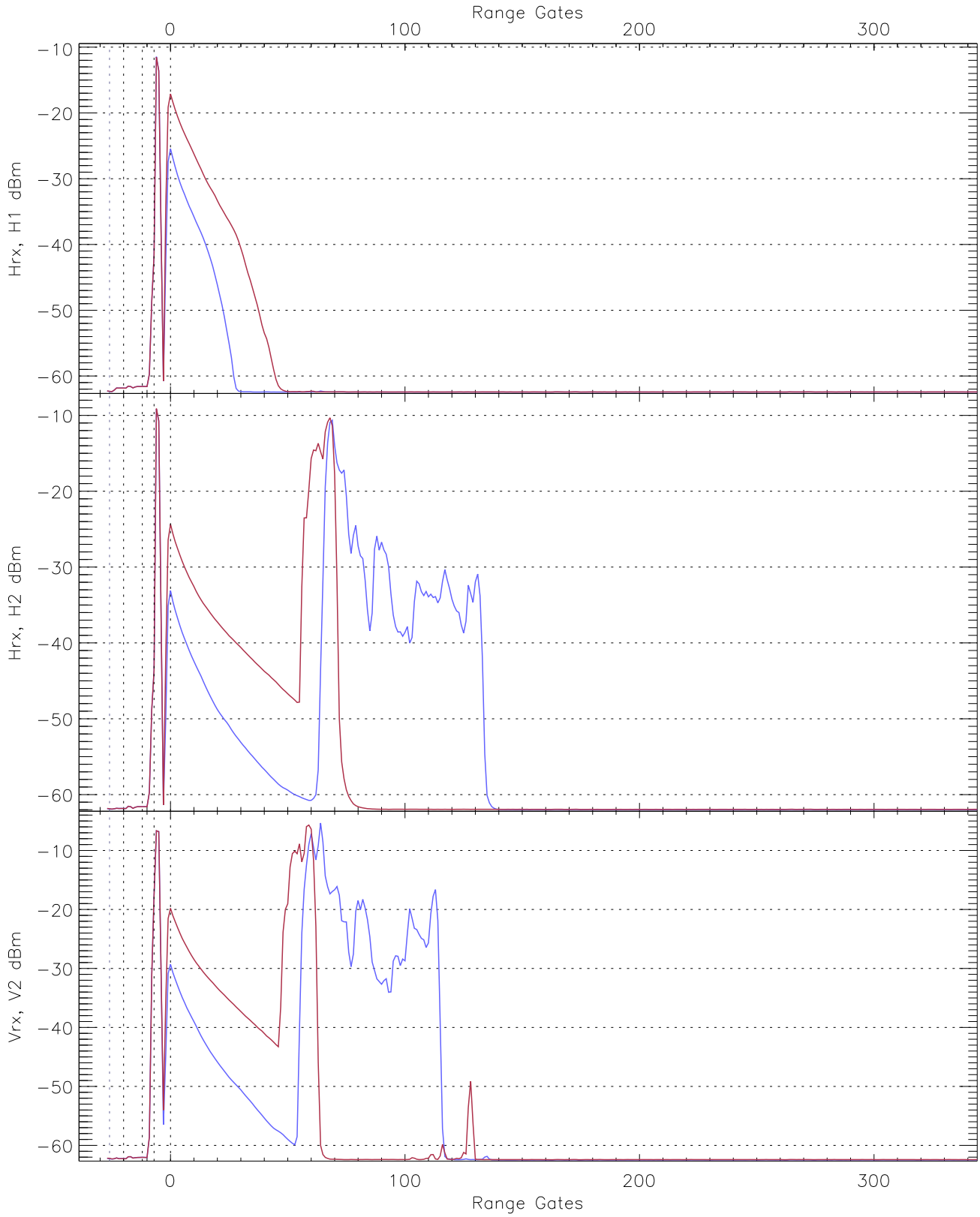
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.25	-61.45	-62.33	-62.34	-74.89
Hrx, H2(RM [dBm])	-62.90	-61.03	-61.88	-61.88	-74.40
Vrx, V2(RM [dBm])	-63.38	-61.36	-62.21	-62.22	-74.74

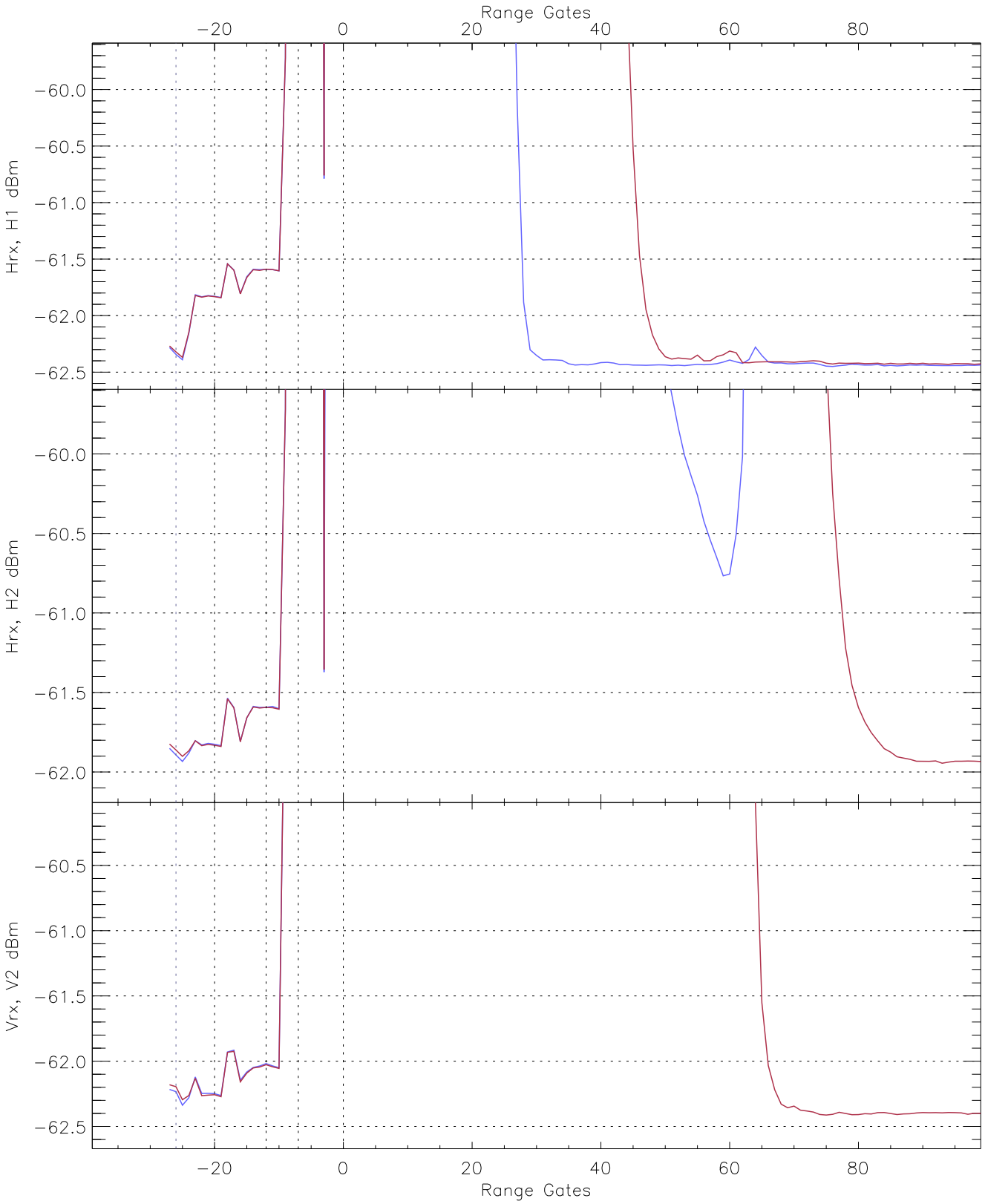


WCR2 CPP "Best" estimate Receivers Noise Power

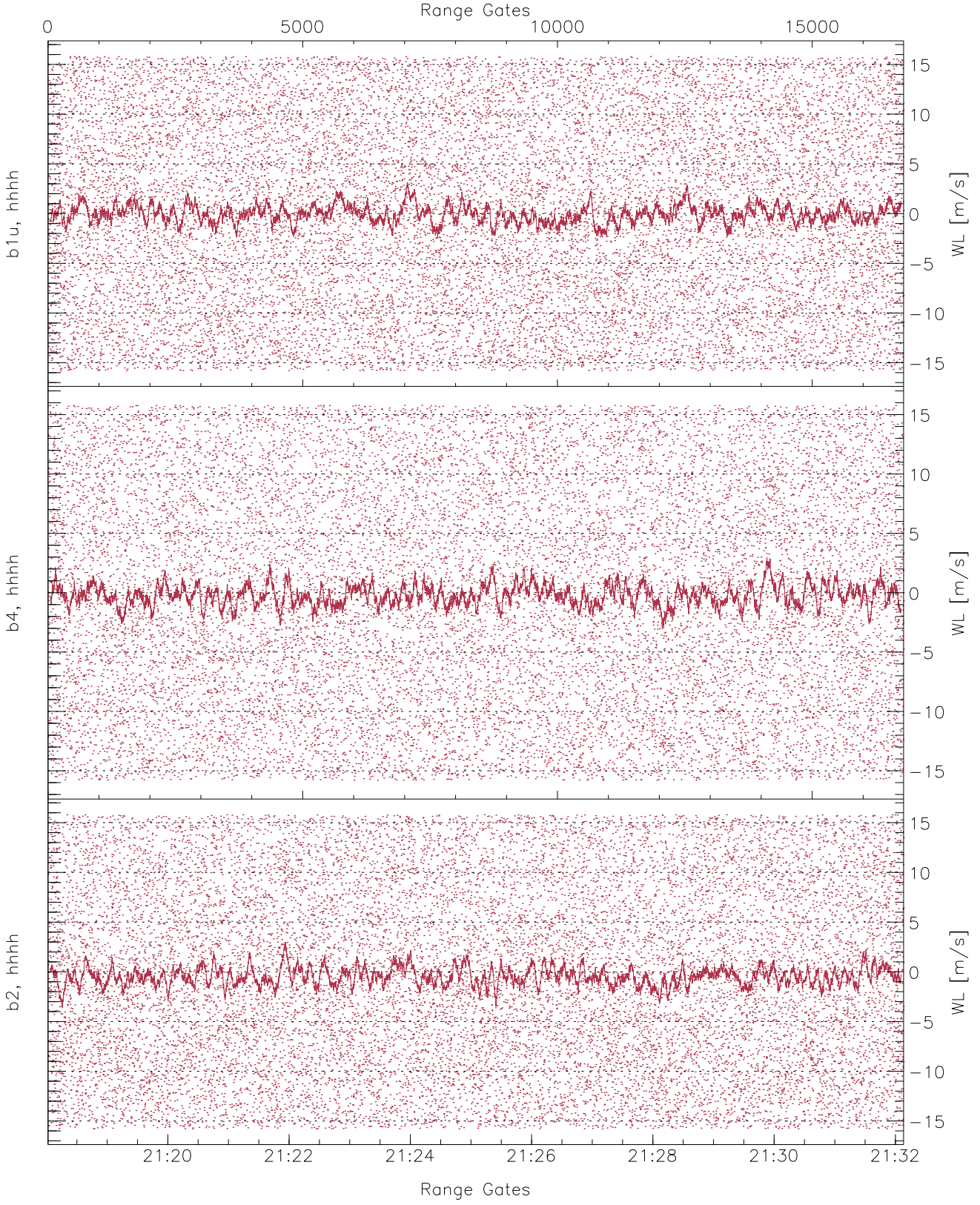
	Min	Max	Mean	Median	StDev
H1RG162_0 [dBm]	-63.44	-61.46	-62.44	-62.45	-74.95
H2RG175_0 [dBm]	-62.92	-60.92	-61.98	-61.98	-74.53
V2RG163_0 [dBm]	-63.42	-61.47	-62.45	-62.46	-74.95



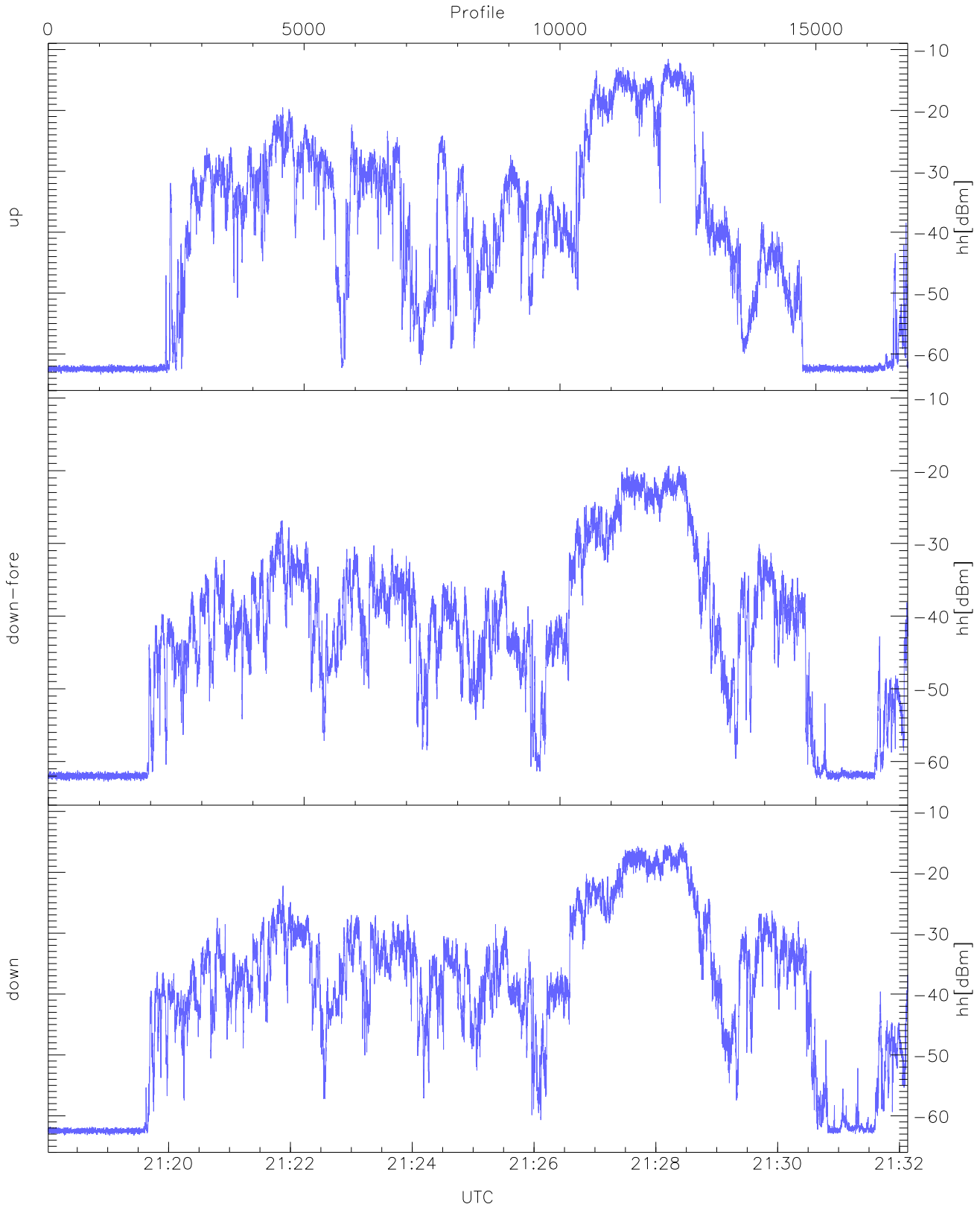
WCR2 CPP Averaged Received power for all recorded gates
blue: 211801-212505, 8399 profiles averaged
red: 212505-213208, 8398 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 211801-212505, 8399 profiles averaged
red: 212505-213208, 8398 profiles averaged

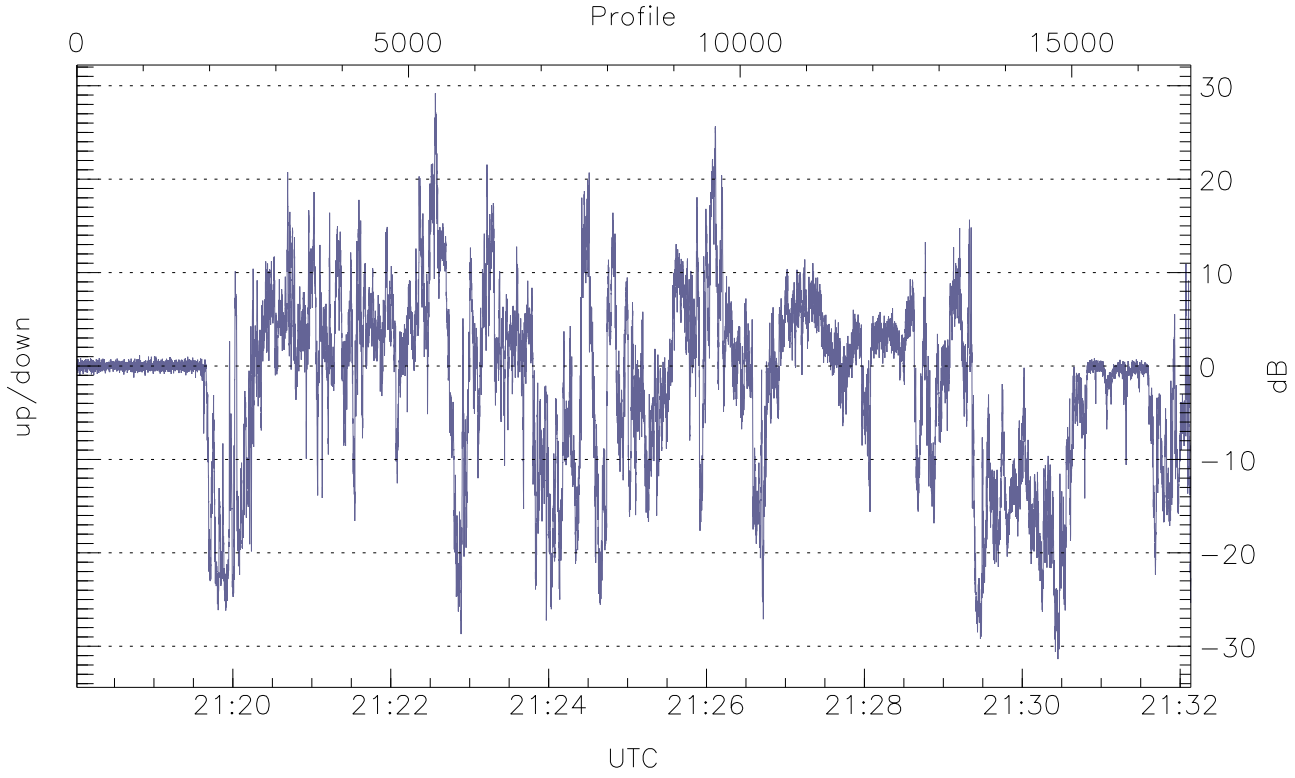


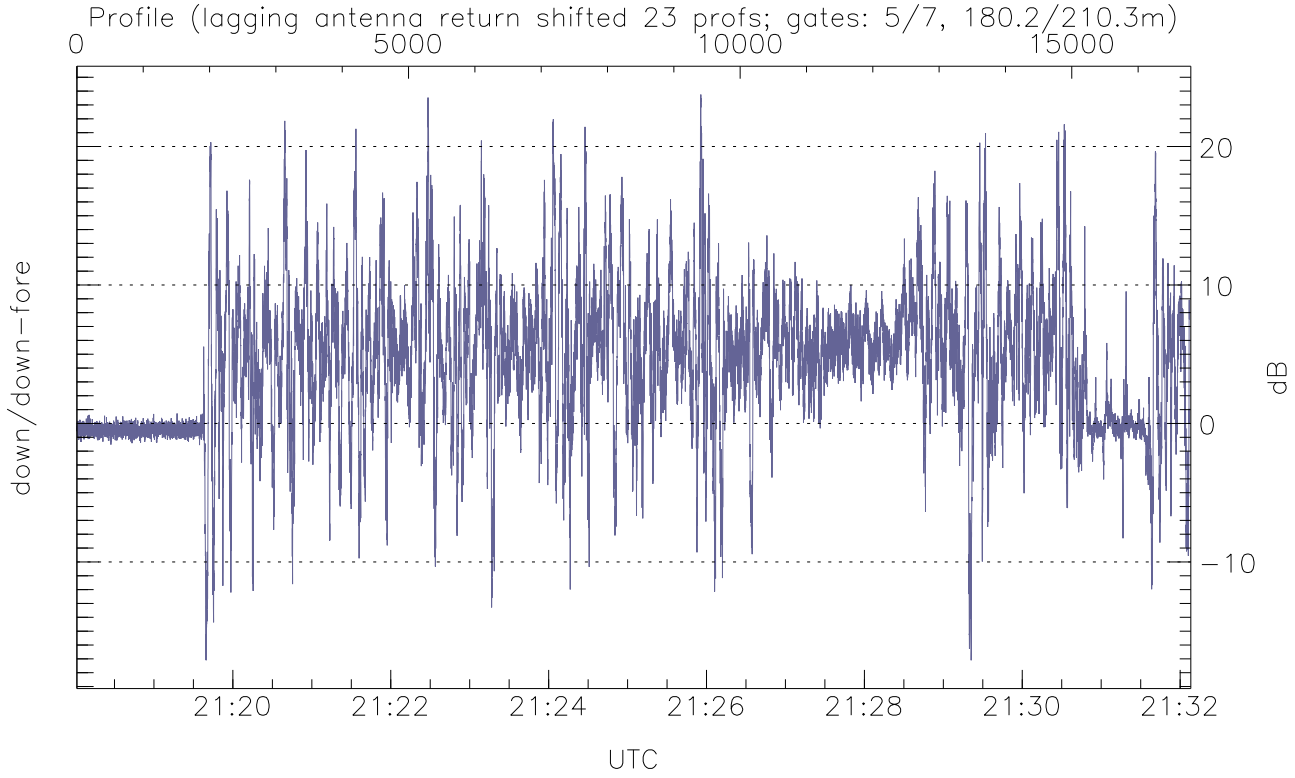
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

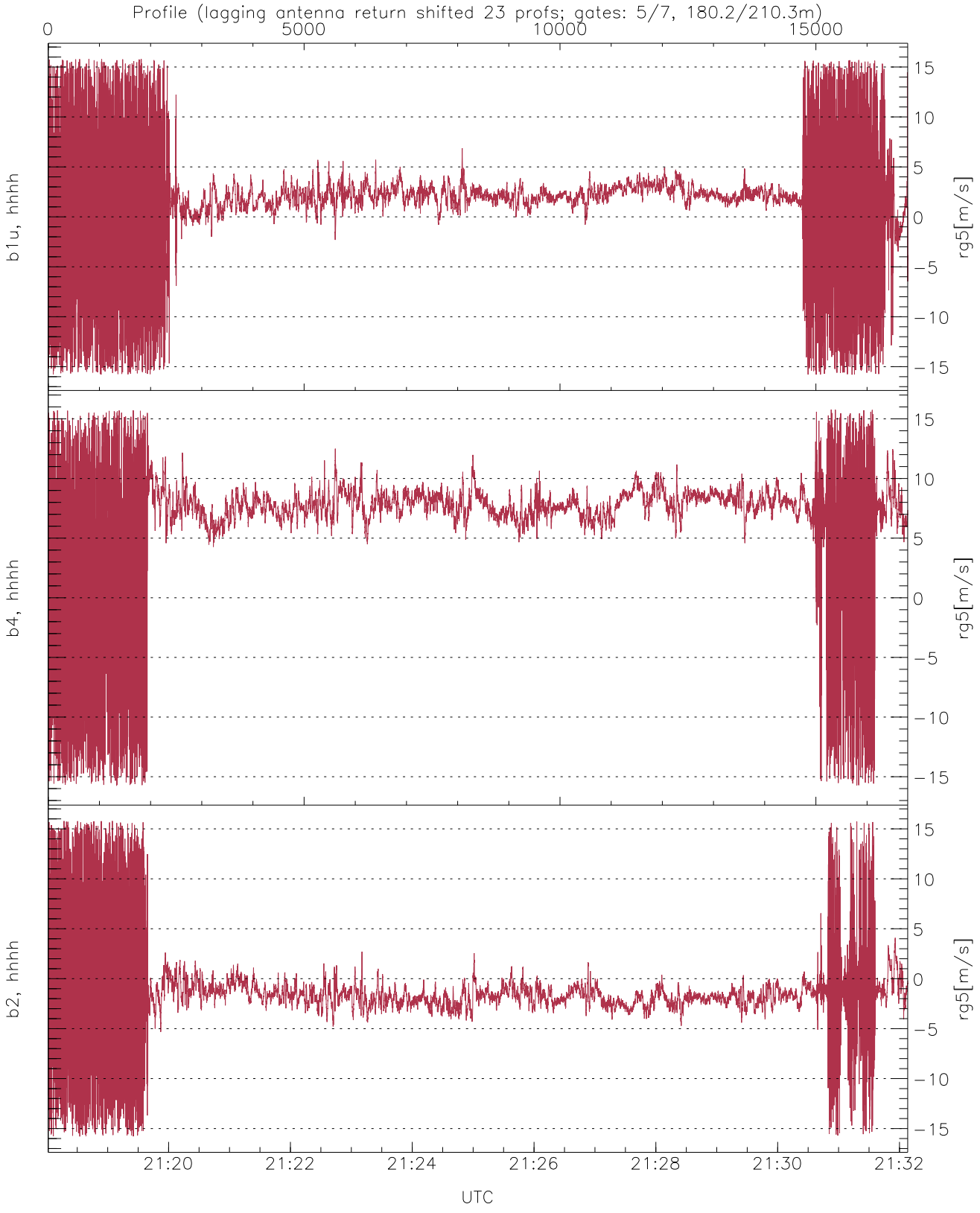
	Min	Max	Mean
up(hh[dBm])	-63.40	-11.56	-24.86
down-fore(hh[dBm])	-62.77	-19.33	-31.77
down(hh[dBm])	-63.25	-15.12	-27.49





WCR2 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down(dB)	-31.37	29.19	-1.81
down/down-fore(dB)	-17.10	23.75	4.31



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	1.55	4.44
b4, hhhh(rg5[m/s])	-15.76	15.78	6.55	4.72
b2, hhhh(rg5[m/s])	-15.79	15.79	-1.45	3.57