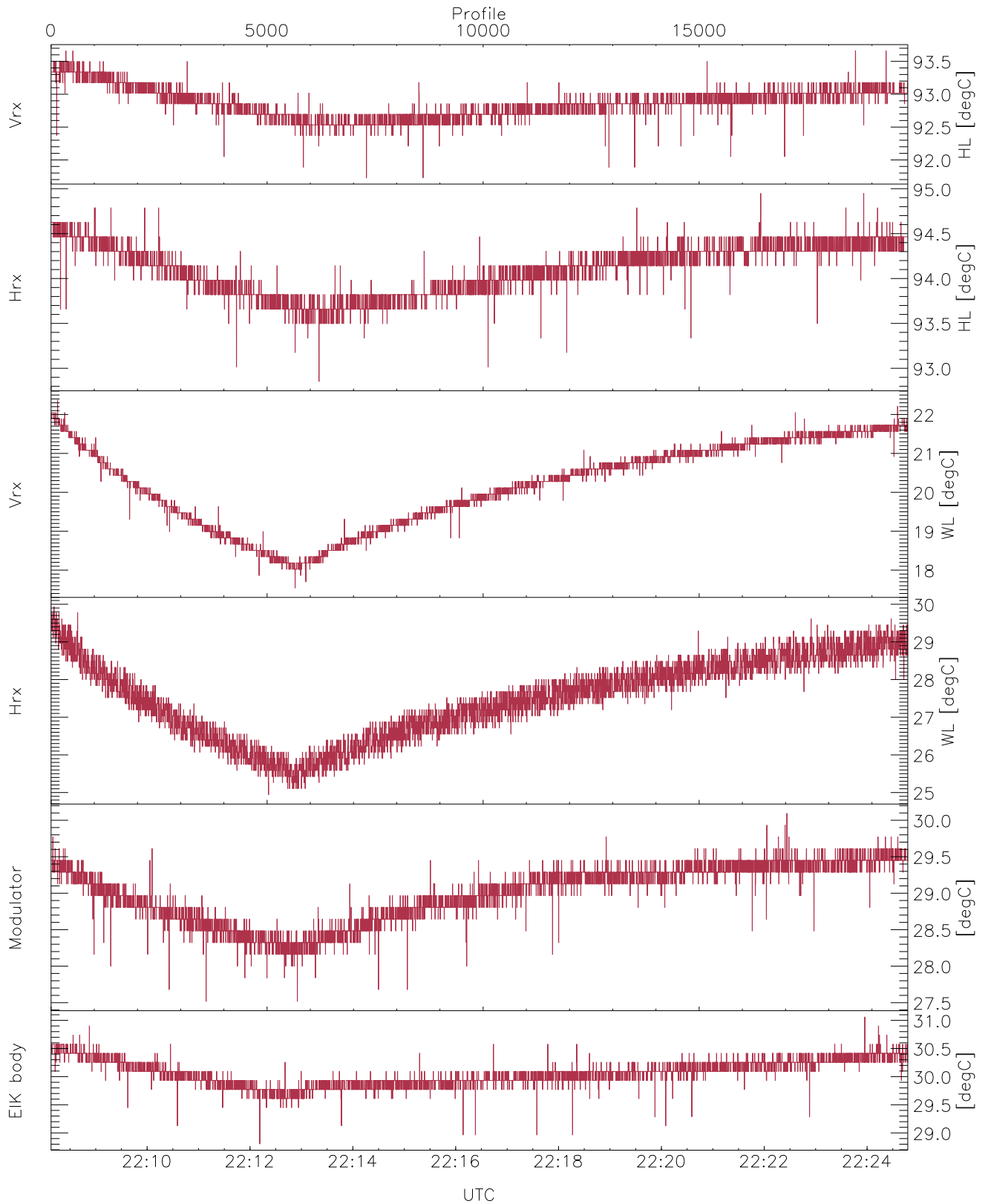


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

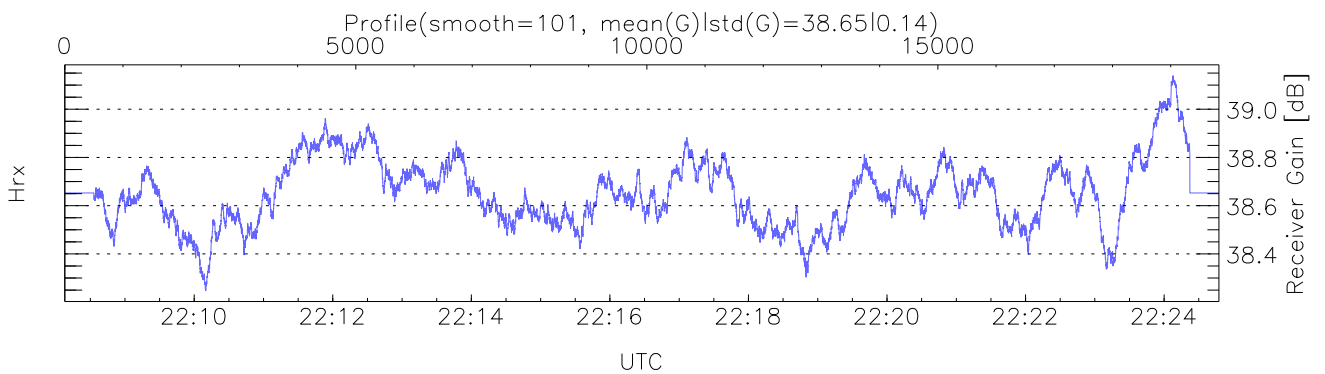
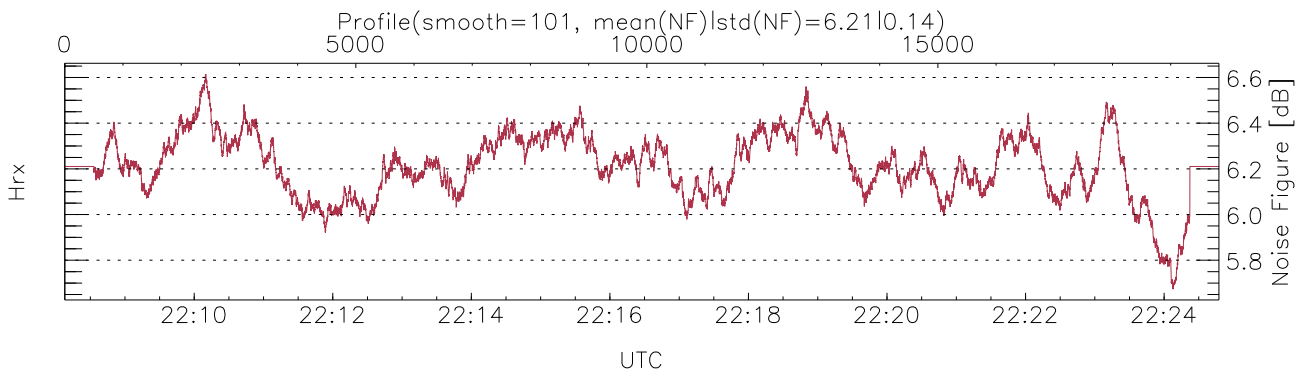
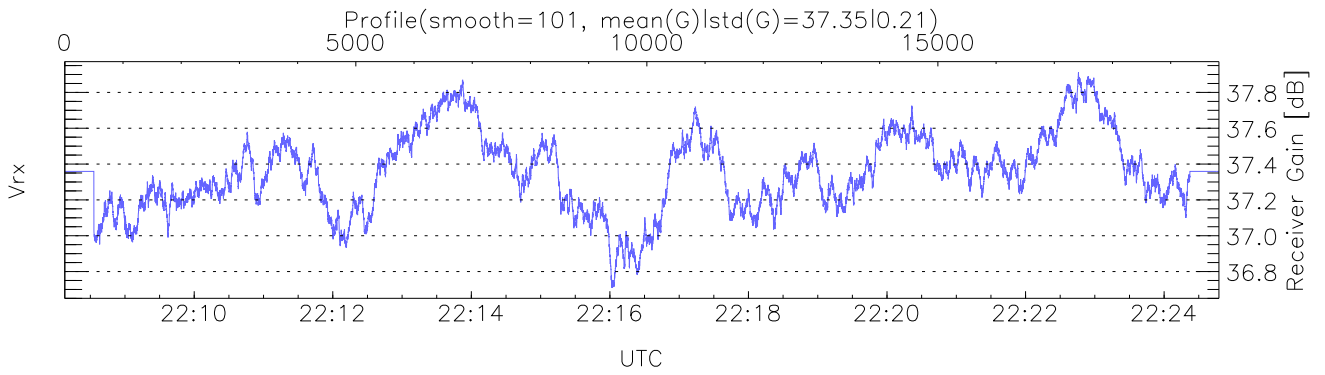
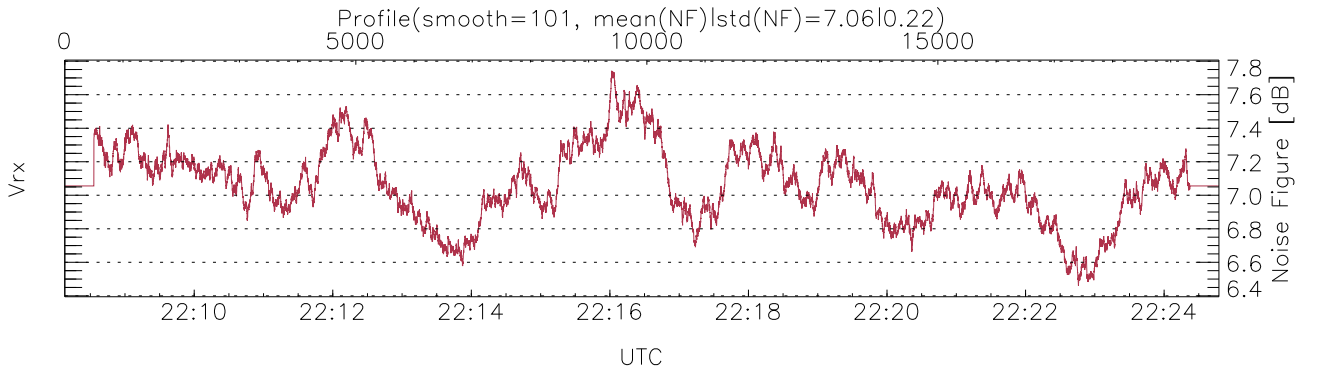
UTC: 22:08:08-22:24:48, Dur: 999.63s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 19830/19830, 0-19829/22:08:08-22:24:48
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 105,5271,15.0 m, Gates: 345, Aspect: 3.3
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



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

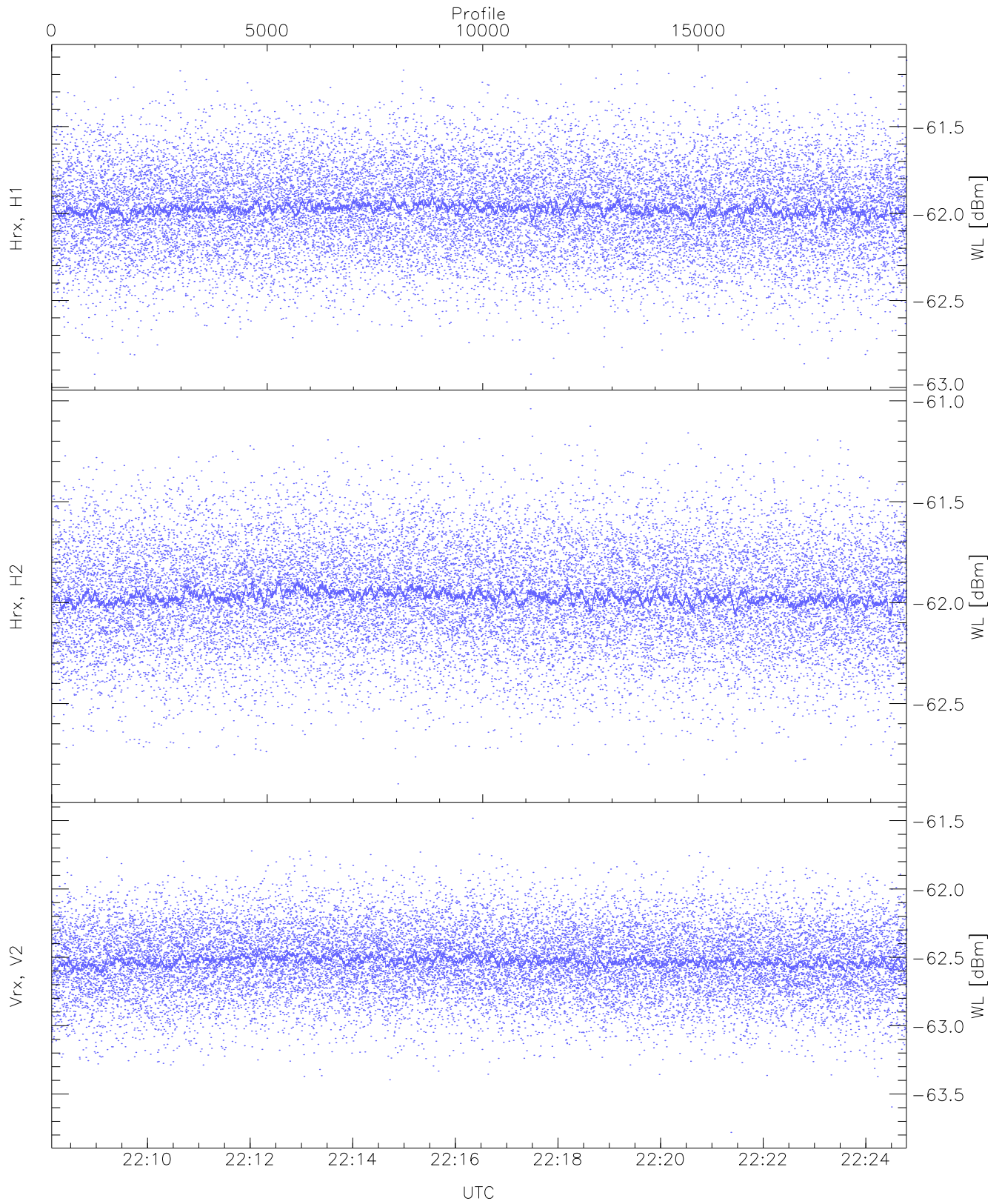
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,17,24,27,28
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,22,29,30,31
 LOalarm(20,80,240,2.8,14.8 MHz): None

EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (41,41,41,41,41,6)



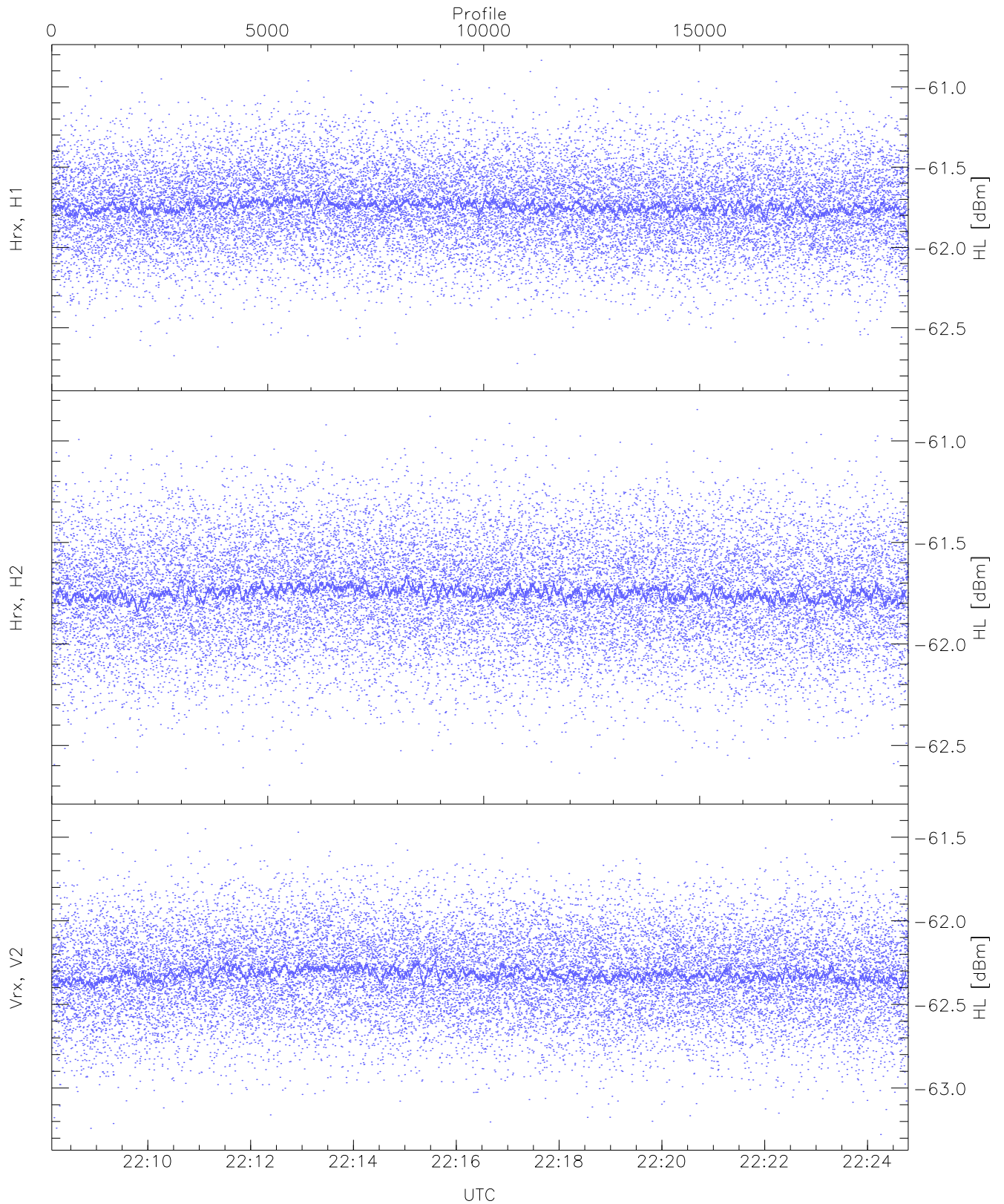
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 4250 pixs, 32 gates, 4225 profs, 2 prods



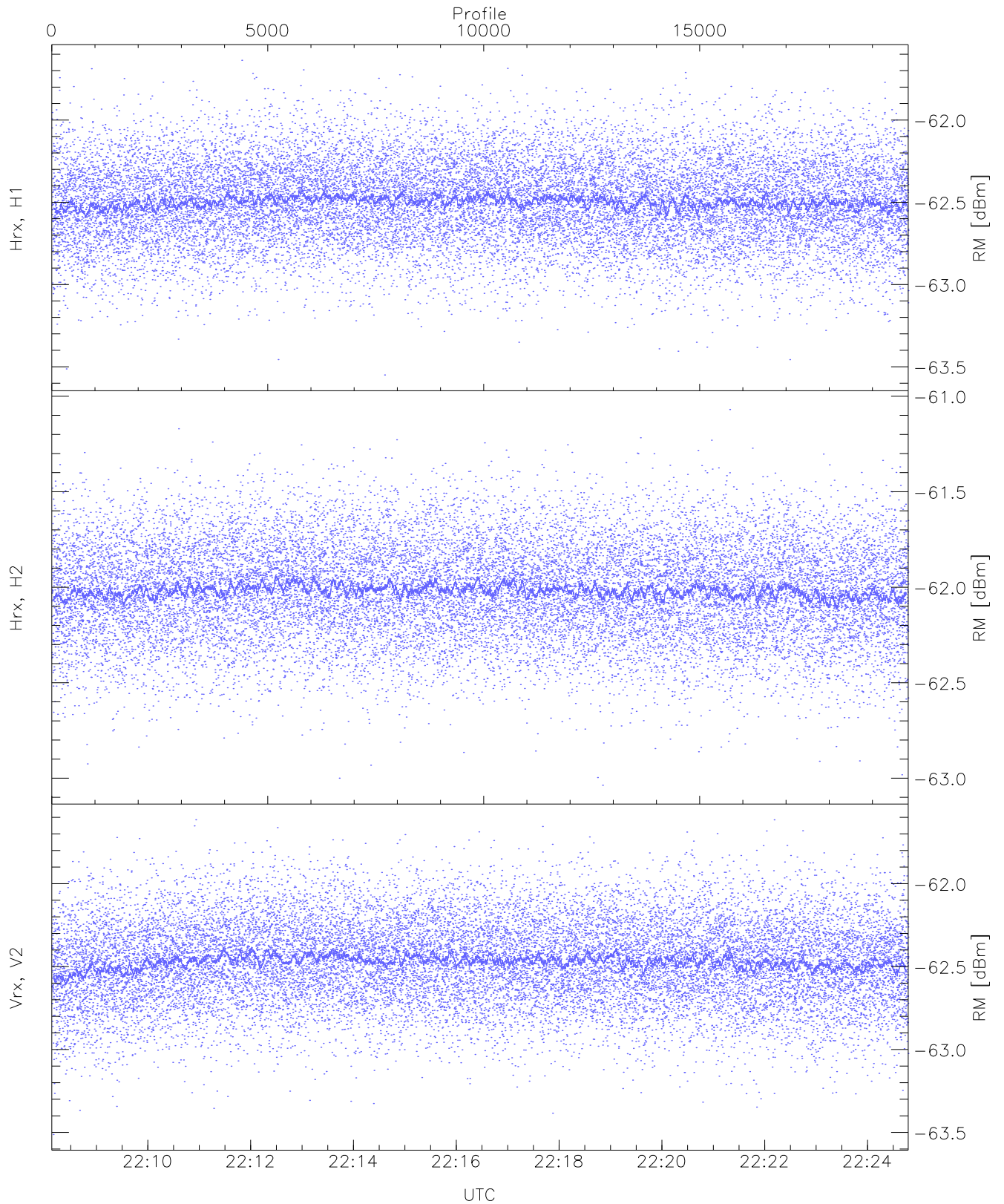
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.92	-61.12	-61.97	-61.97	-74.54
Hrx, H2(WL [dBm])	-62.90	-61.04	-61.97	-61.97	-74.51
Vrx, V2(WL [dBm])	-63.78	-61.48	-62.52	-62.53	-75.03



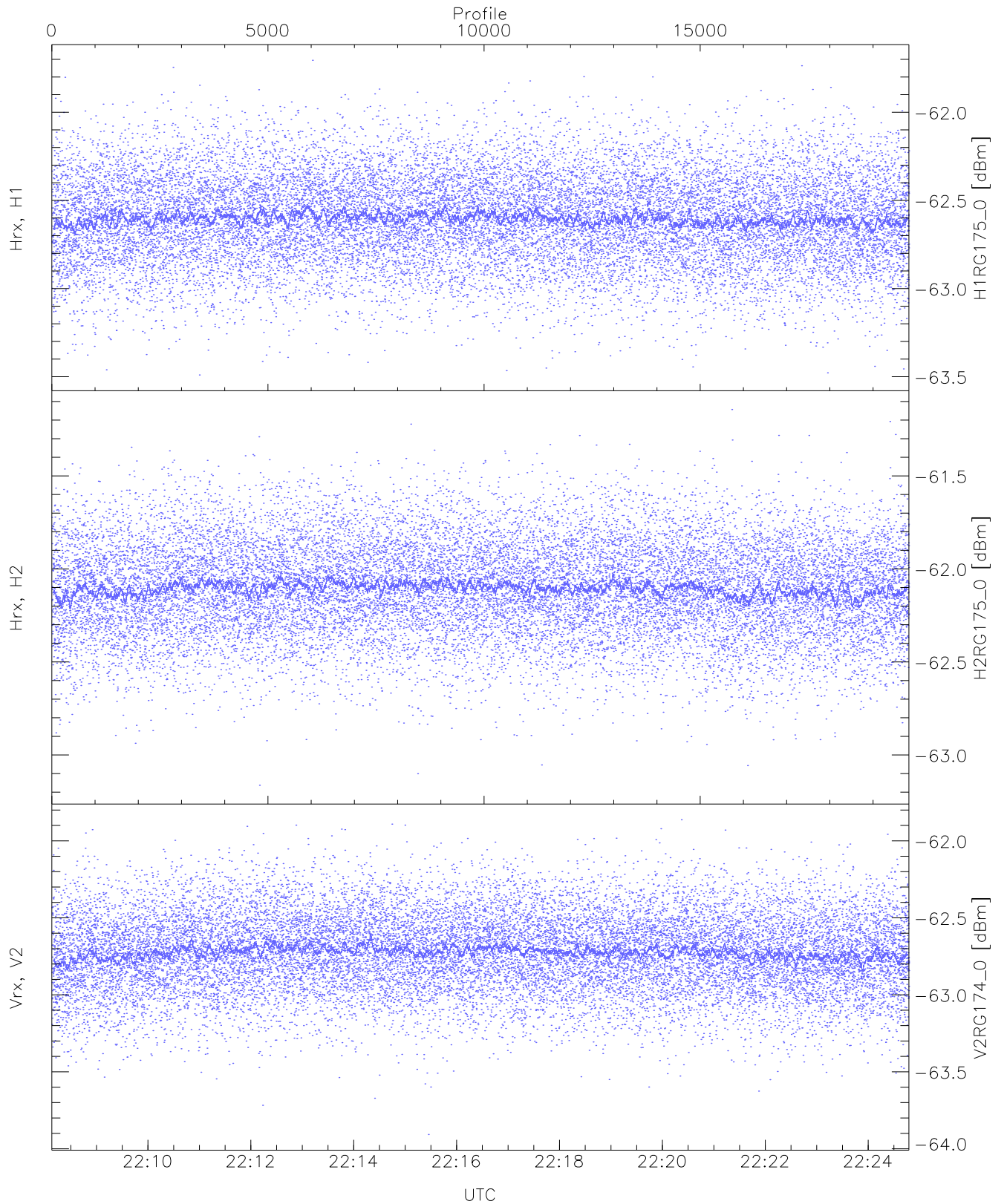
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.79	-60.83	-61.74	-61.75	-74.33
Hrx, H2 (HL [dBm])	-62.70	-60.85	-61.75	-61.75	-74.26
Vrx, V2 (HL [dBm])	-63.28	-61.40	-62.32	-62.32	-74.86



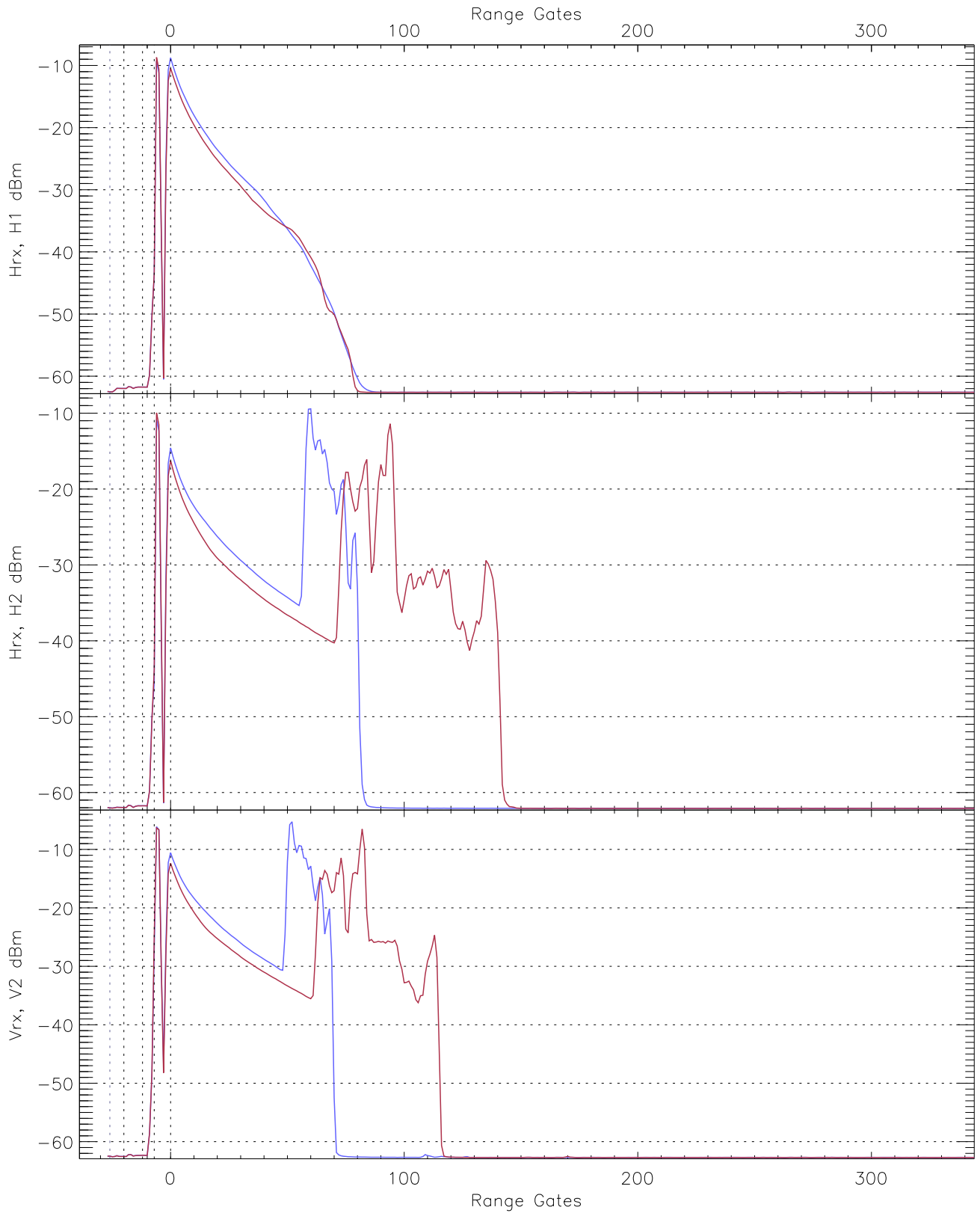
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.55	-61.64	-62.49	-62.50	-75.05
Hrx, H2 (RM [dBm])	-63.04	-61.07	-62.01	-62.02	-74.58
Vrx, V2 (RM [dBm])	-63.51	-61.61	-62.47	-62.47	-74.99

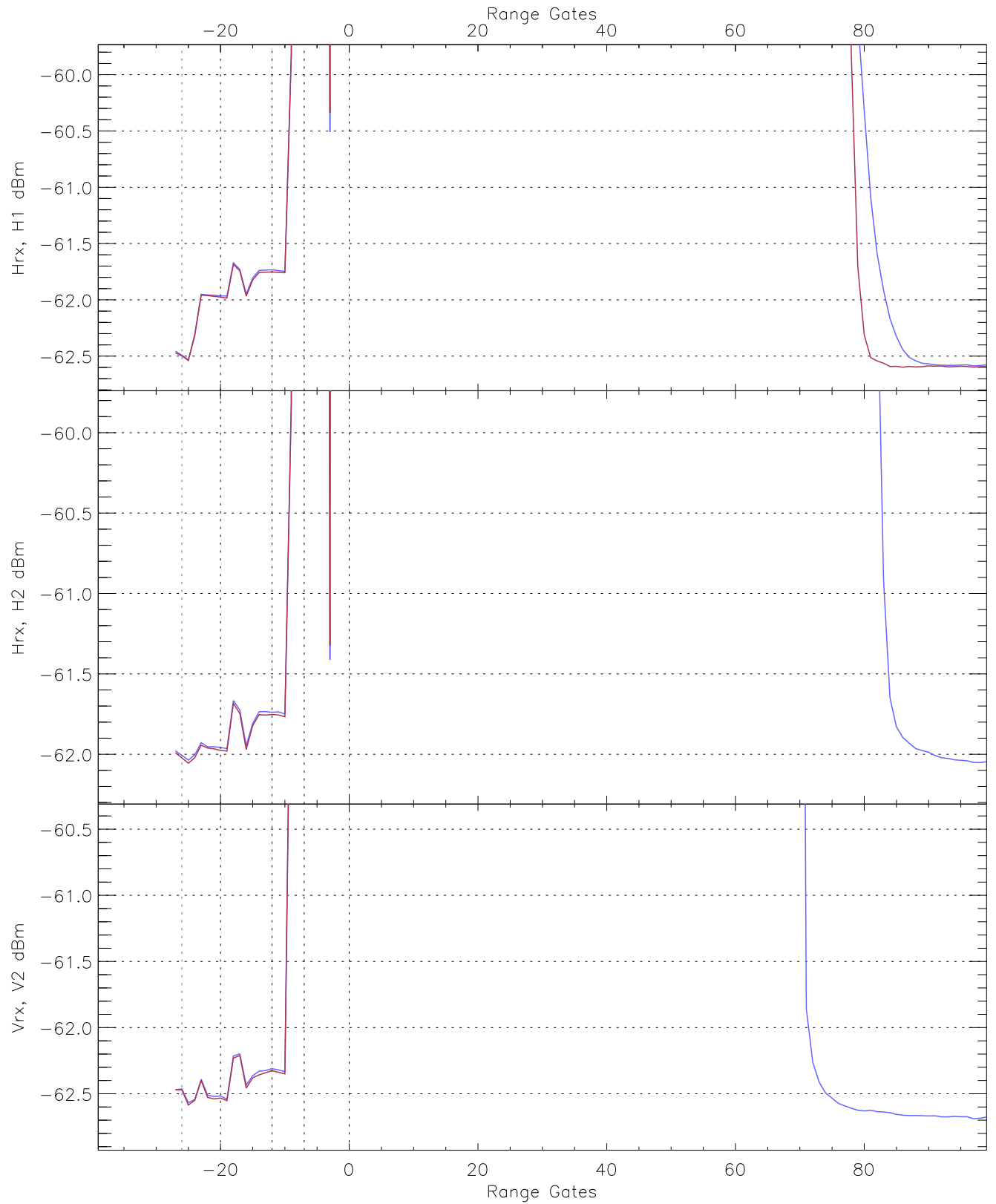


WCR2 CPP "Best" estimate Receivers Noise Power

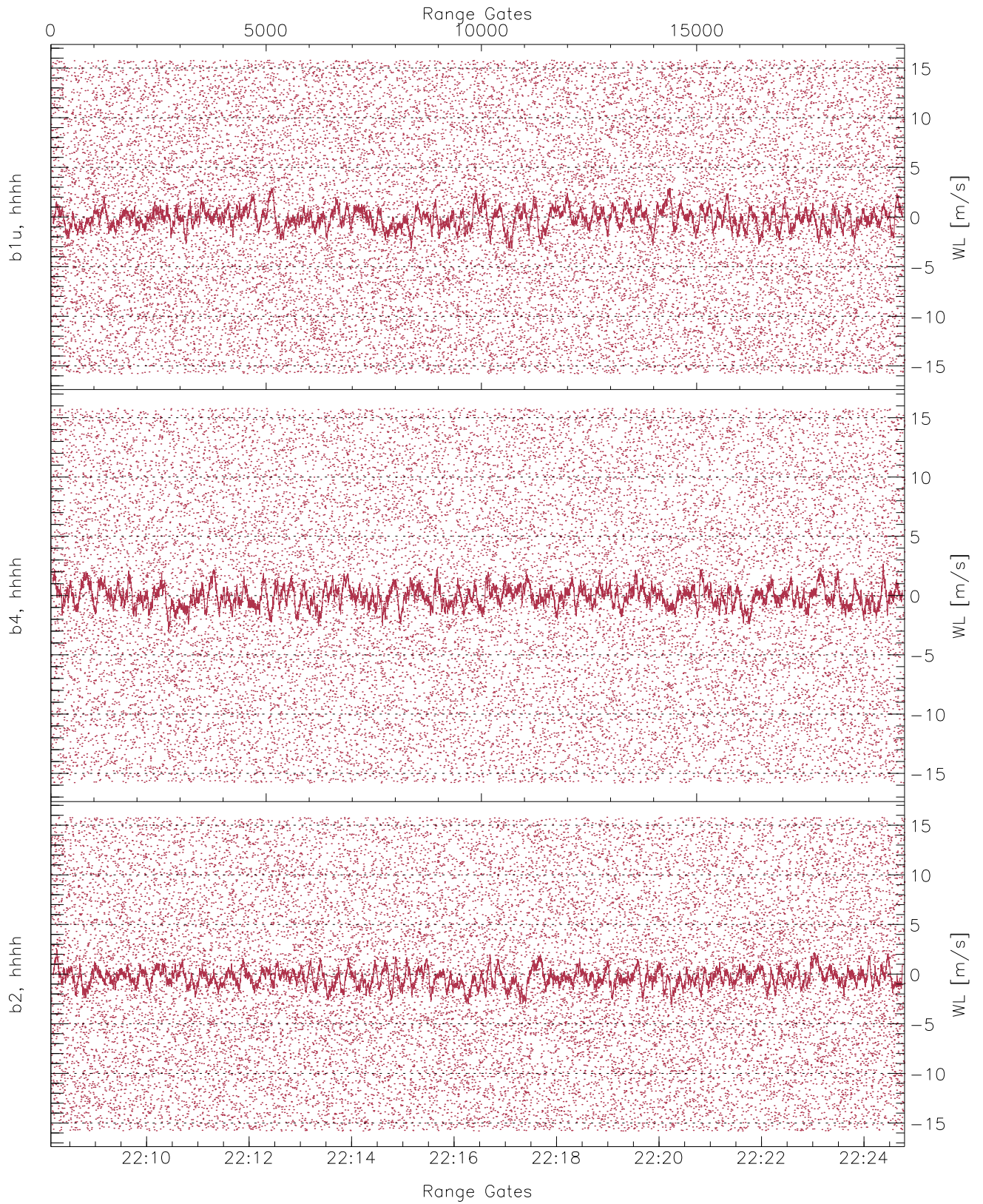
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.49	-61.71	-62.60	-62.60	-75.16
H2RG175_0 [dBm]	-63.16	-61.14	-62.10	-62.11	-74.65
V2RG174_0 [dBm]	-63.91	-61.86	-62.72	-62.72	-75.25



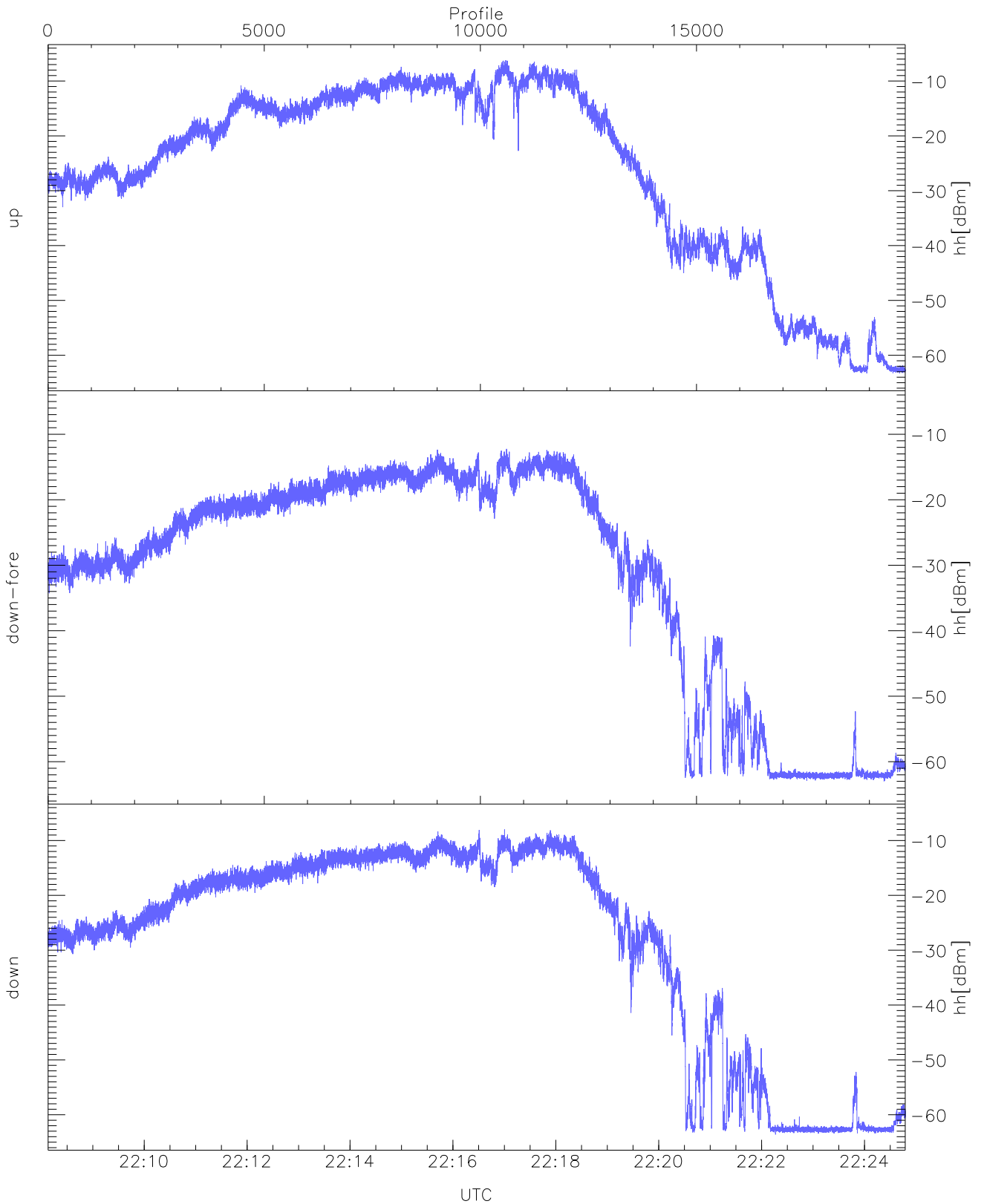
WCR2 CPP Averaged Received power for all recorded gates
blue: 220808-221628, 9916 profiles averaged
red: 221628-222448, 9915 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 220808-221628, 9916 profiles averaged
red: 221628-222448, 9915 profiles averaged

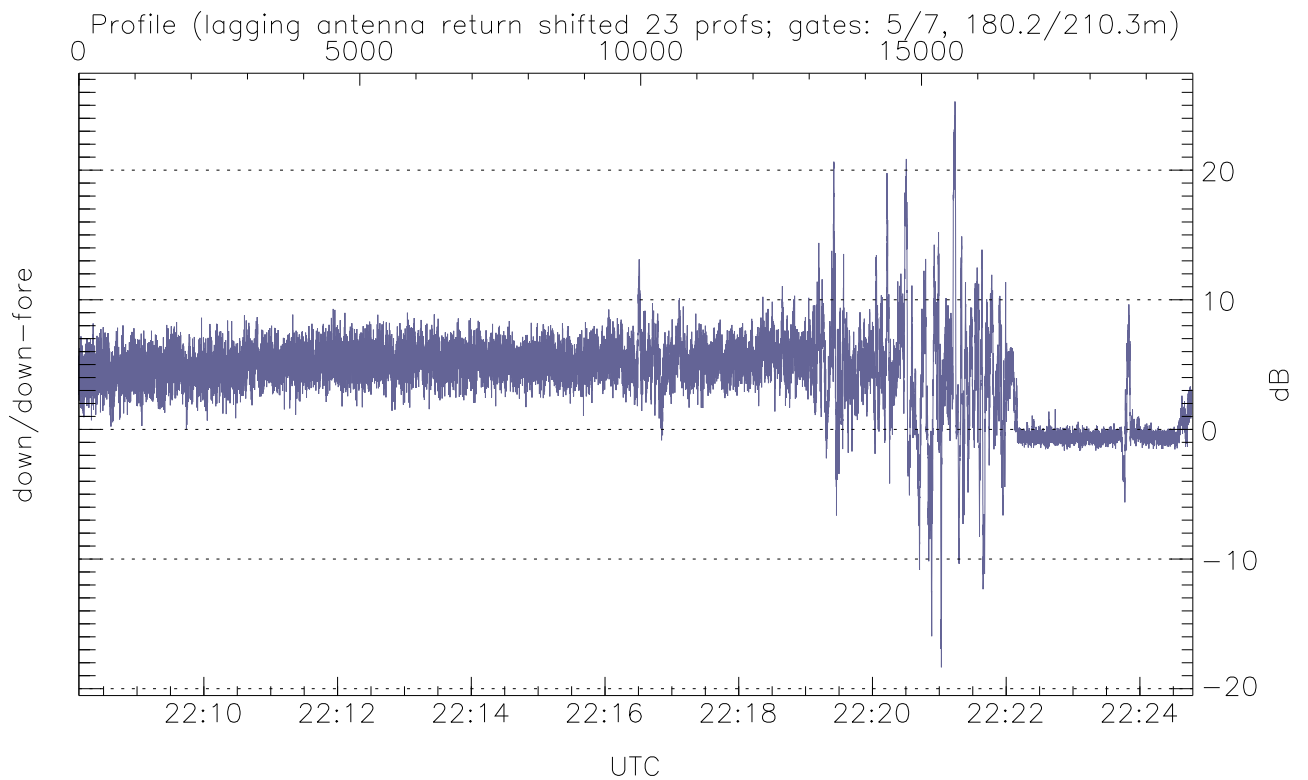
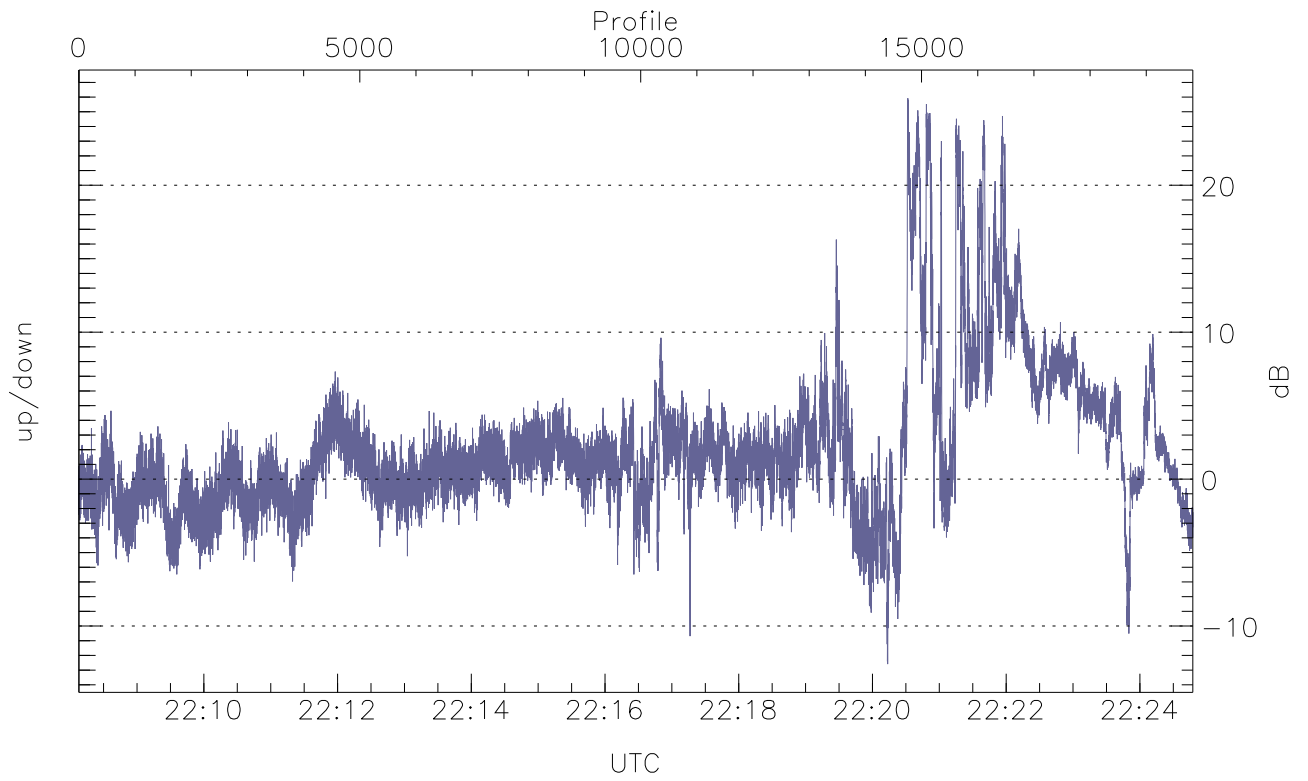


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



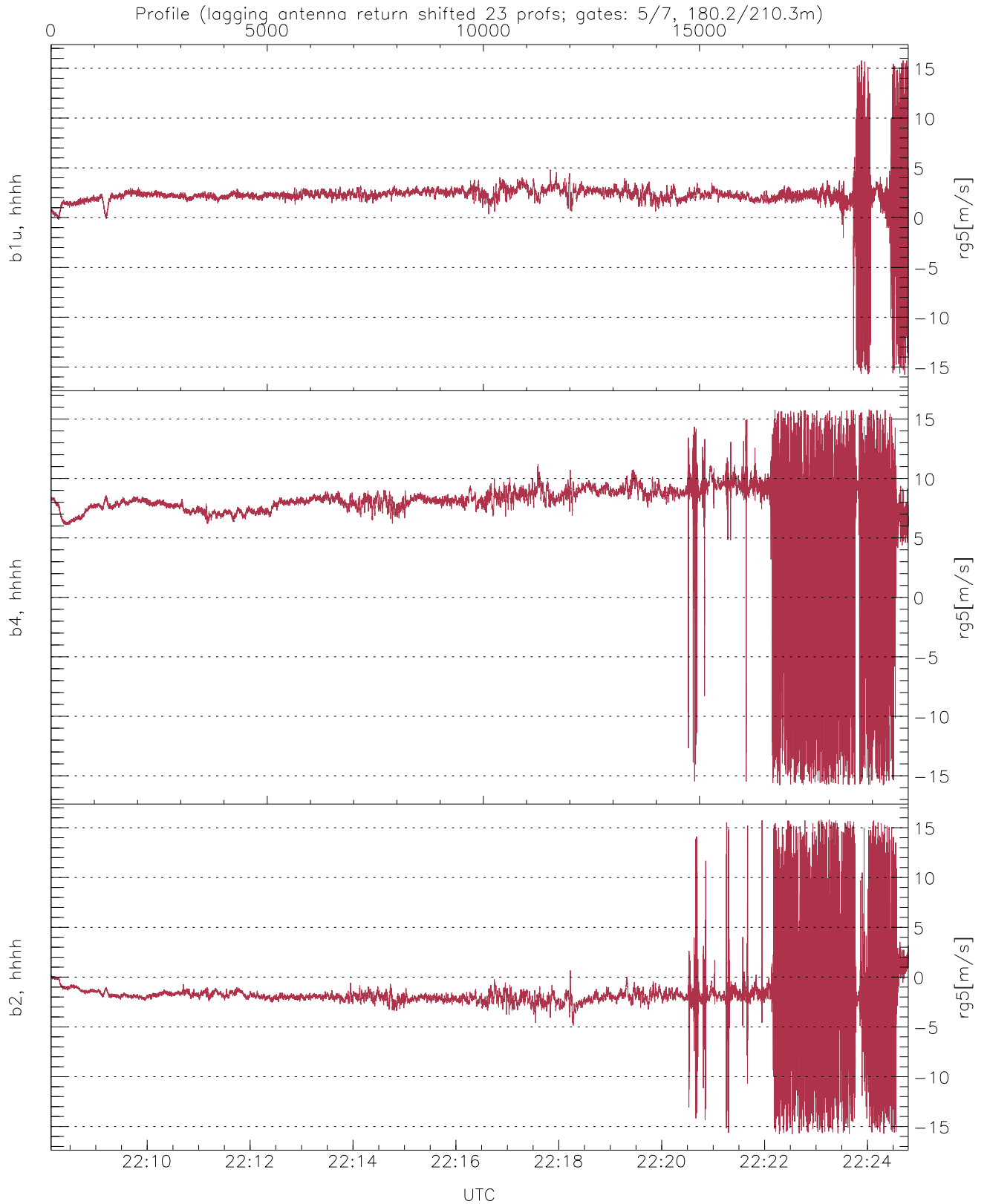
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.31	-6.22	-14.92
down-fore(hh[dBm])	-62.98	-12.24	-20.14
down(hh[dBm])	-63.60	-8.00	-16.24



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

	Min	Max	Mean
up/down (dB)	-12.59	25.92	2.15
down/down-fore (dB)	-18.35	25.29	4.11



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.77	15.80	2.19	1.74
b4, hhhh(rg5[m/s])	-15.80	15.80	7.16	4.35
b2, hhhh(rg5[m/s])	-15.76	15.80	-1.69	3.29