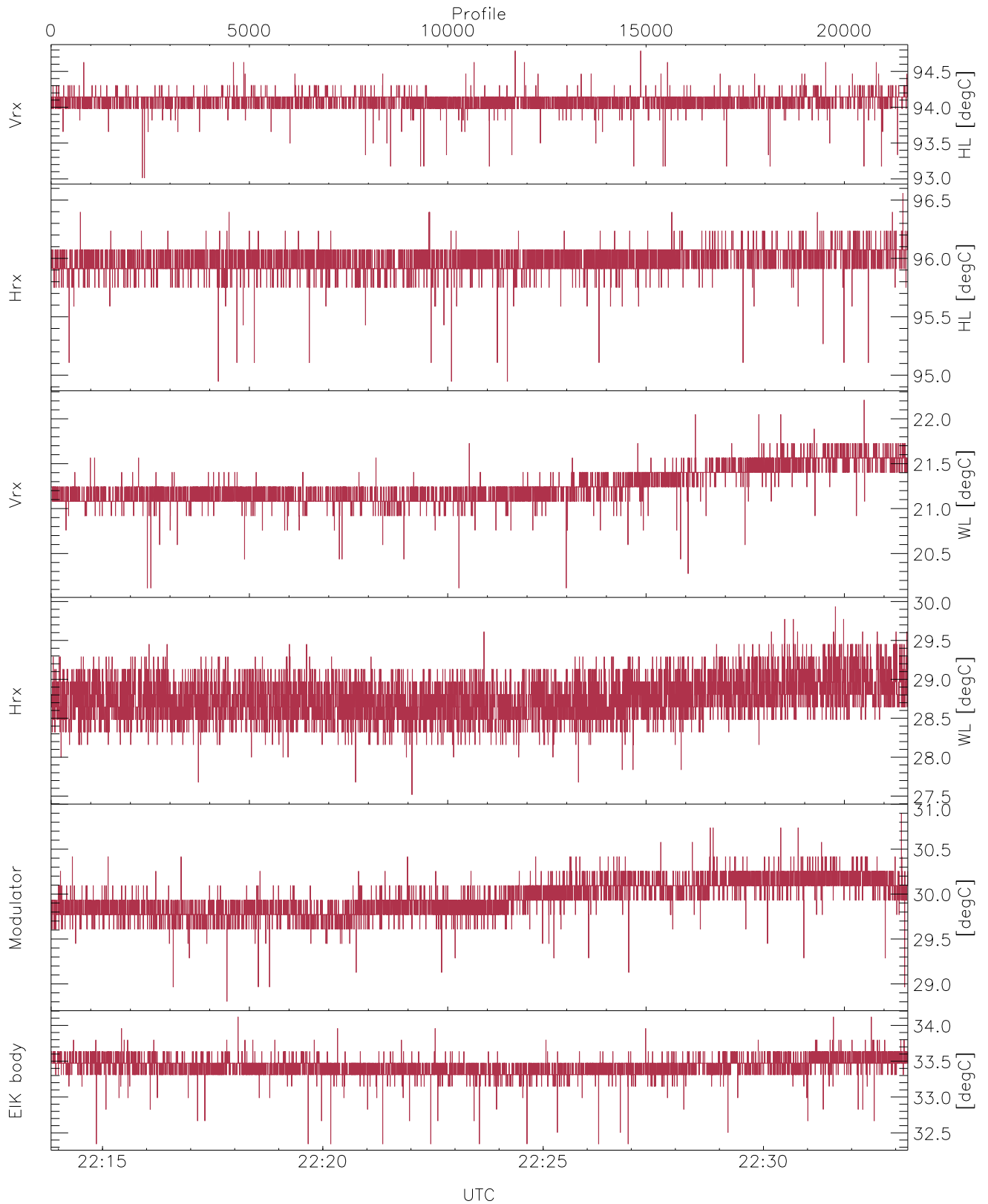


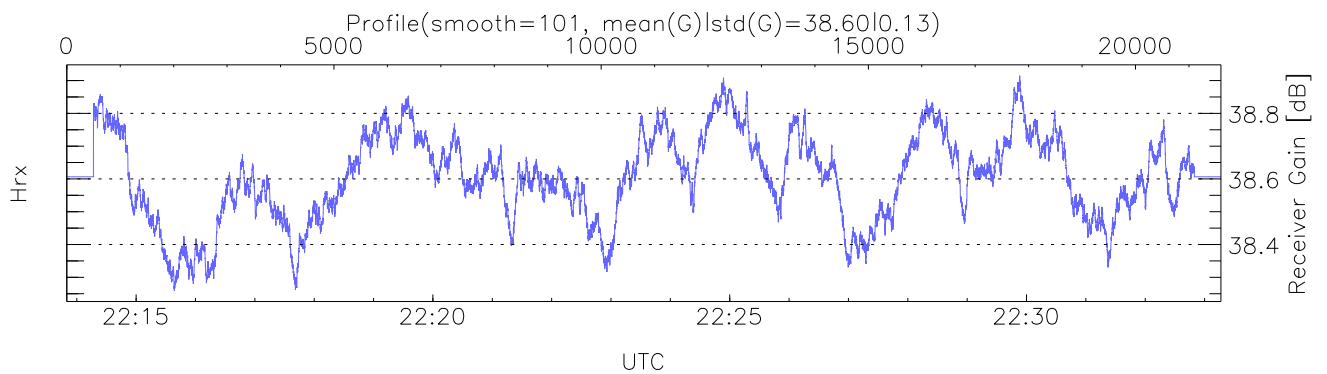
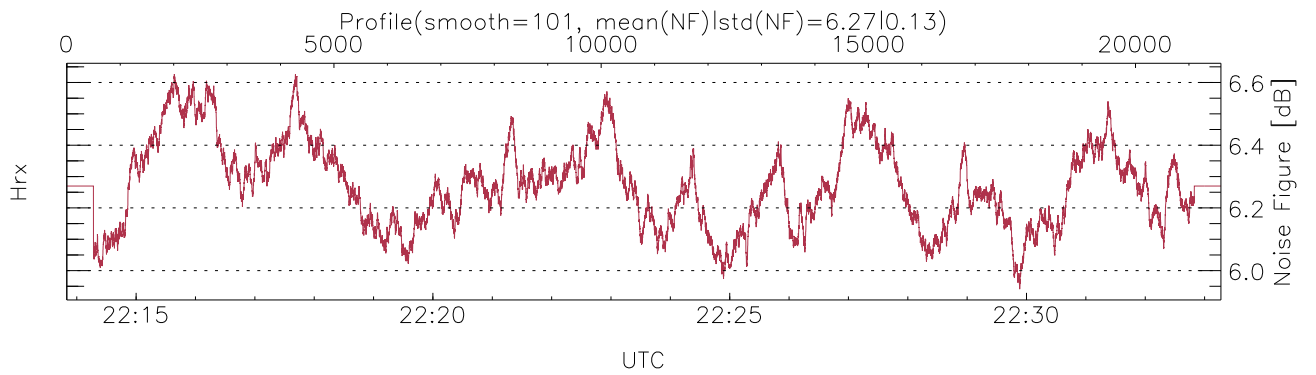
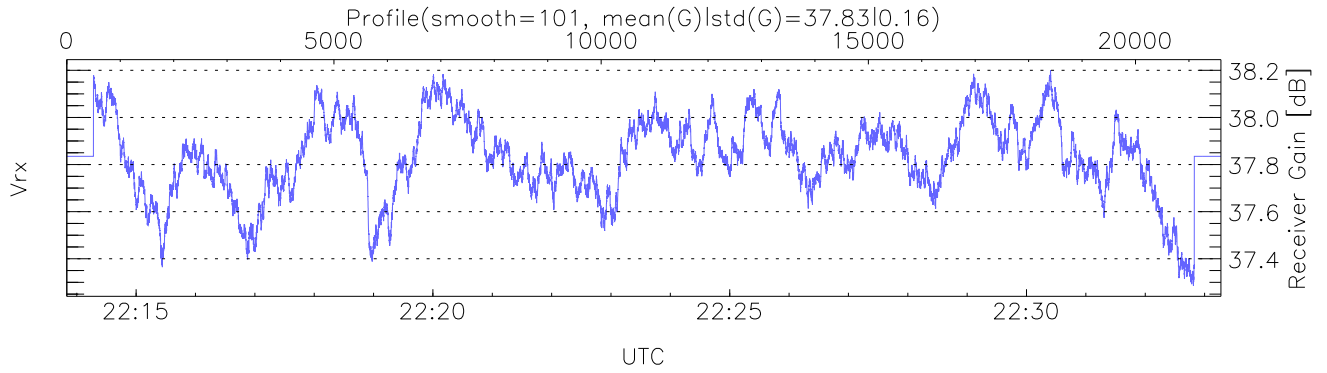
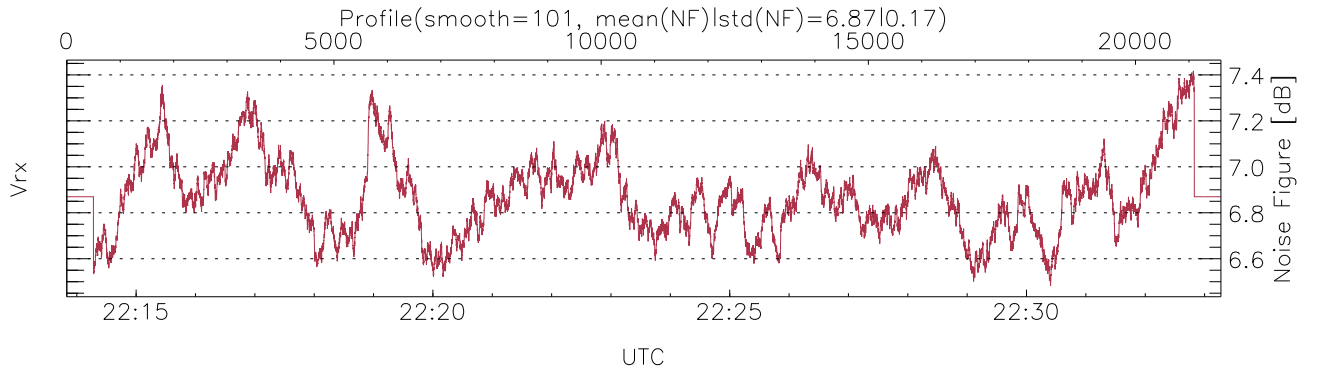
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:13:50-22:59:24, Dur: 2733.68s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
 NumRec(r/t): 21600/50612, 0-21599/22:13:50-22:33:17
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
 Pulse: 250ns, IFF: 4.0MHz, 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): 105,6037,15.0 m, Gates: 396, Aspect: 3.1
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



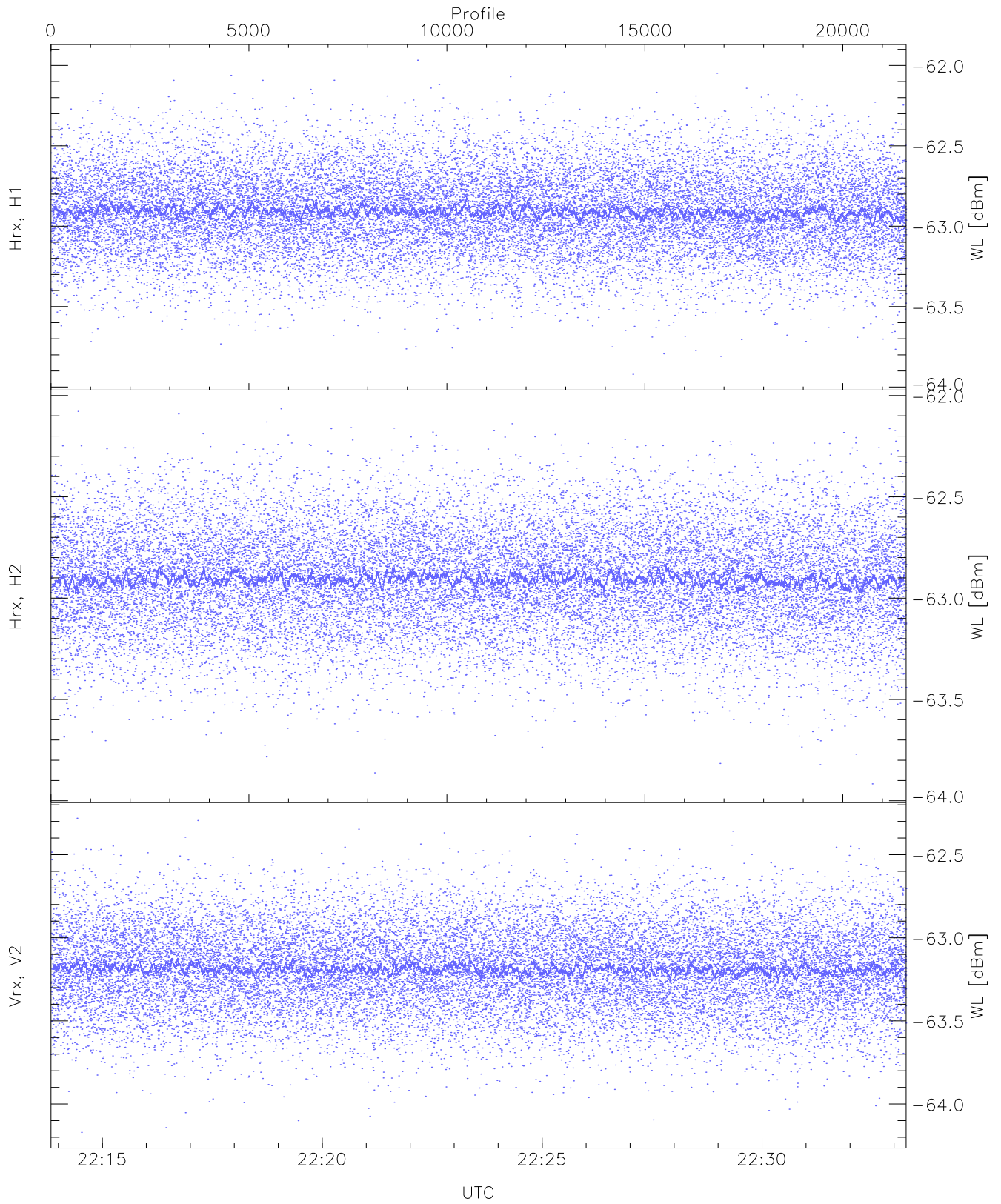
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,20,27,28,32`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,22,29,30,34`
`LOalarm(20,80,240,2.8,14.8 MHz): None`
`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (19,19,24,24,19,15)`



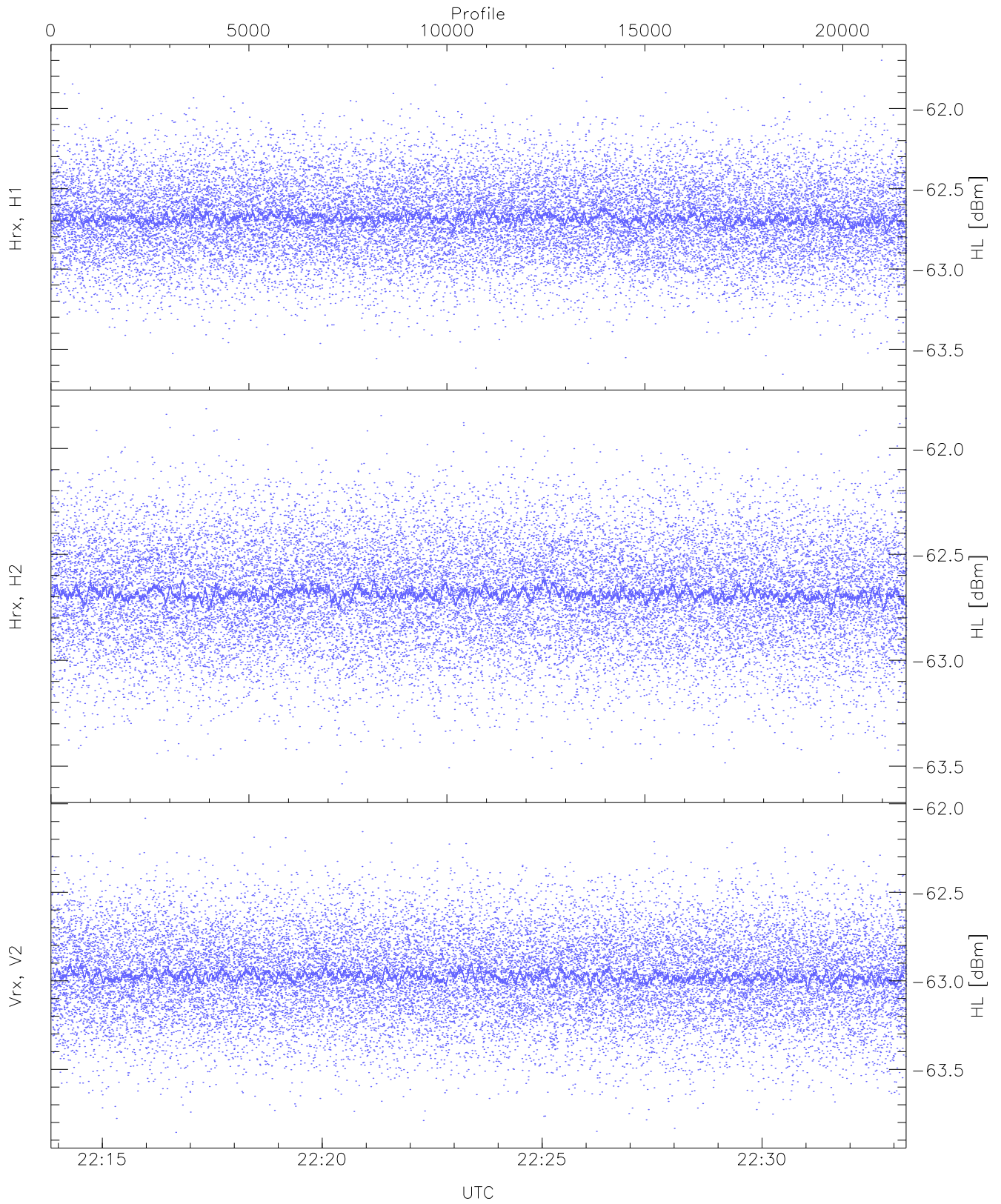
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 808 pixs, 54 gates, 799 profs, 2 prods



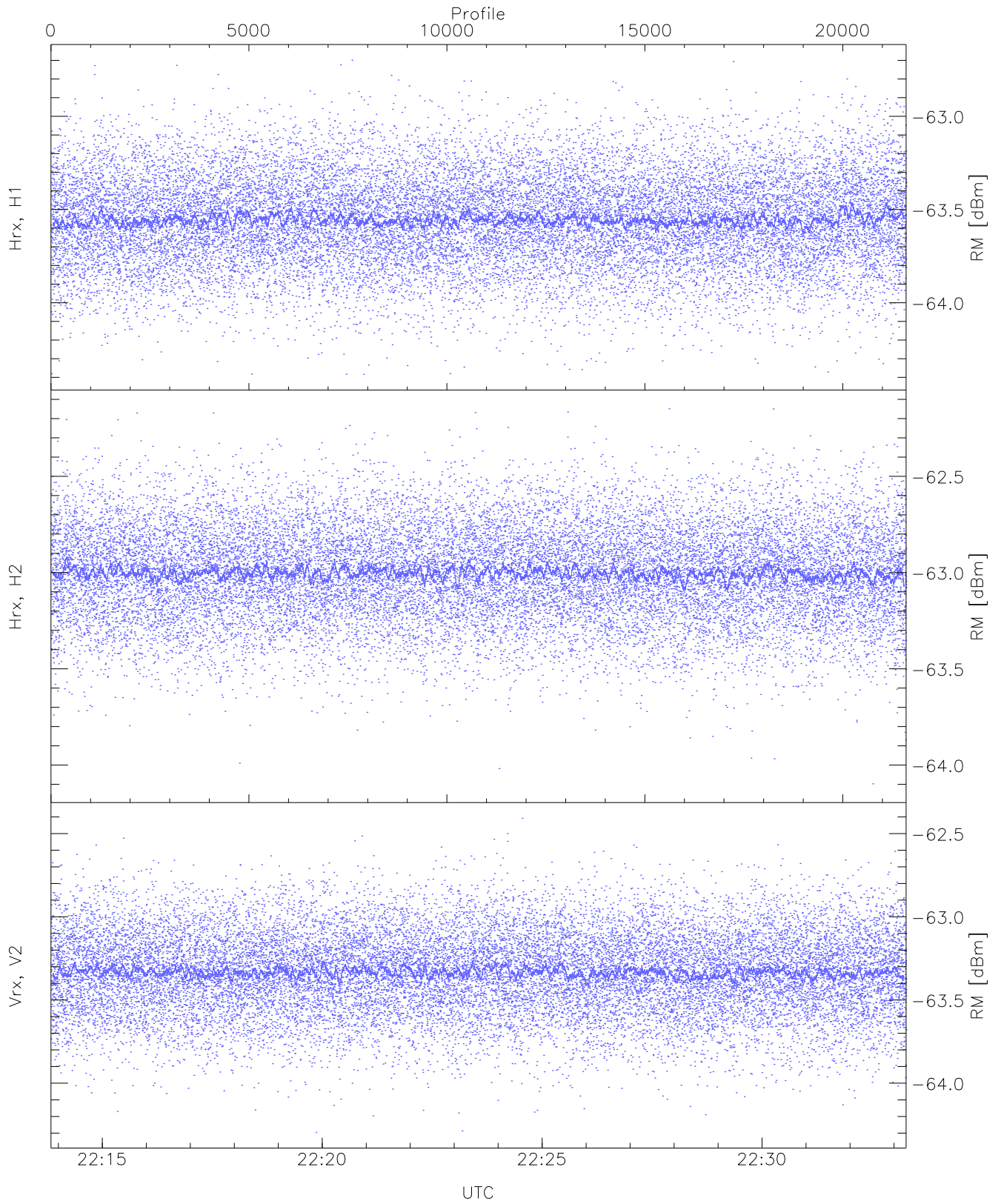
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.92	-61.97	-62.91	-62.91	-75.56
Hrx, H2 (WL [dBm])	-63.92	-62.07	-62.90	-62.91	-75.60
Vrx, V2 (WL [dBm])	-64.17	-62.28	-63.18	-63.19	-75.88



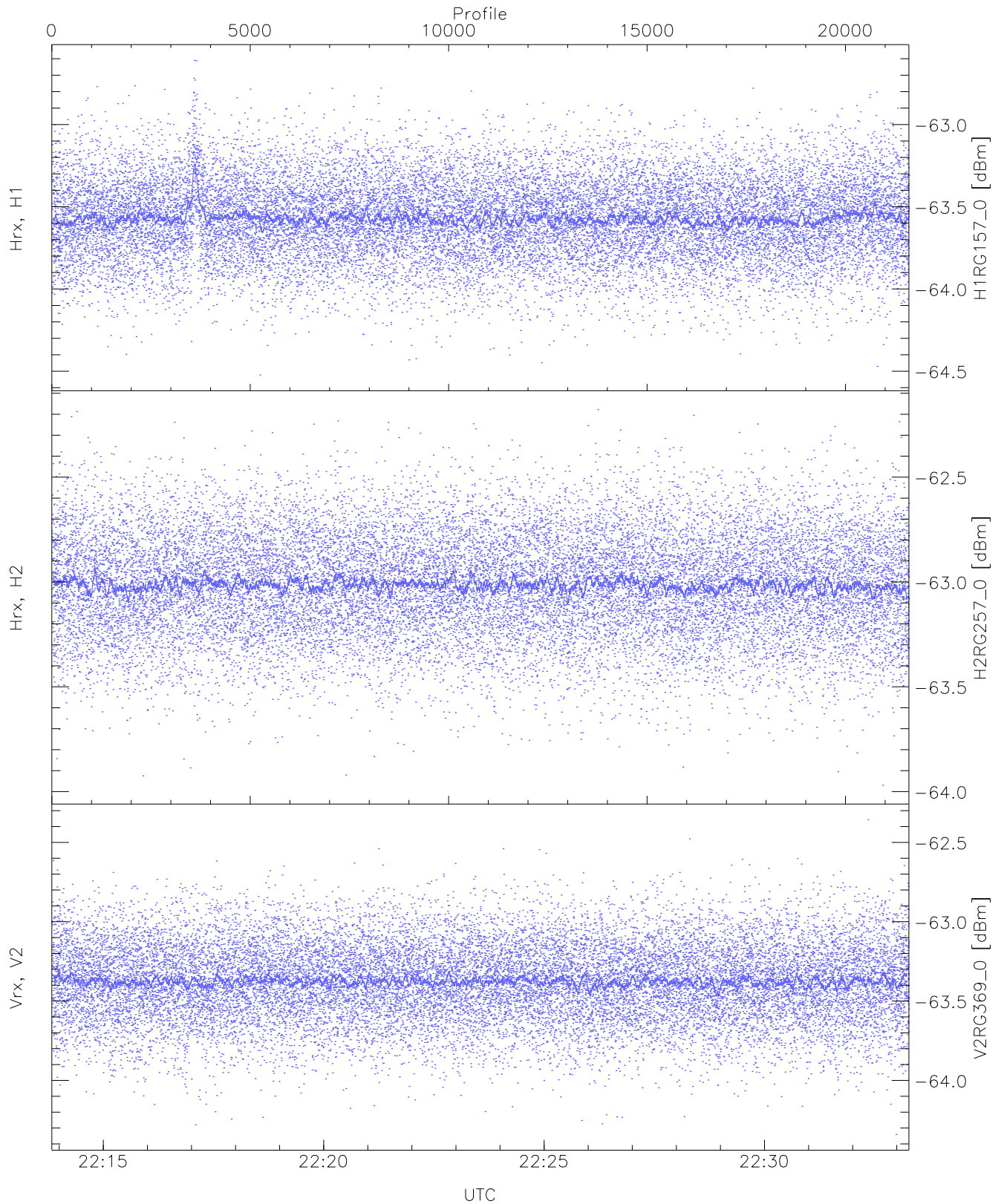
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.66	-61.70	-62.68	-62.69	-75.41
Hrx, H2 (HL [dBm])	-63.58	-61.81	-62.68	-62.68	-75.39
Vrx, V2 (HL [dBm])	-63.86	-62.08	-62.97	-62.98	-75.69



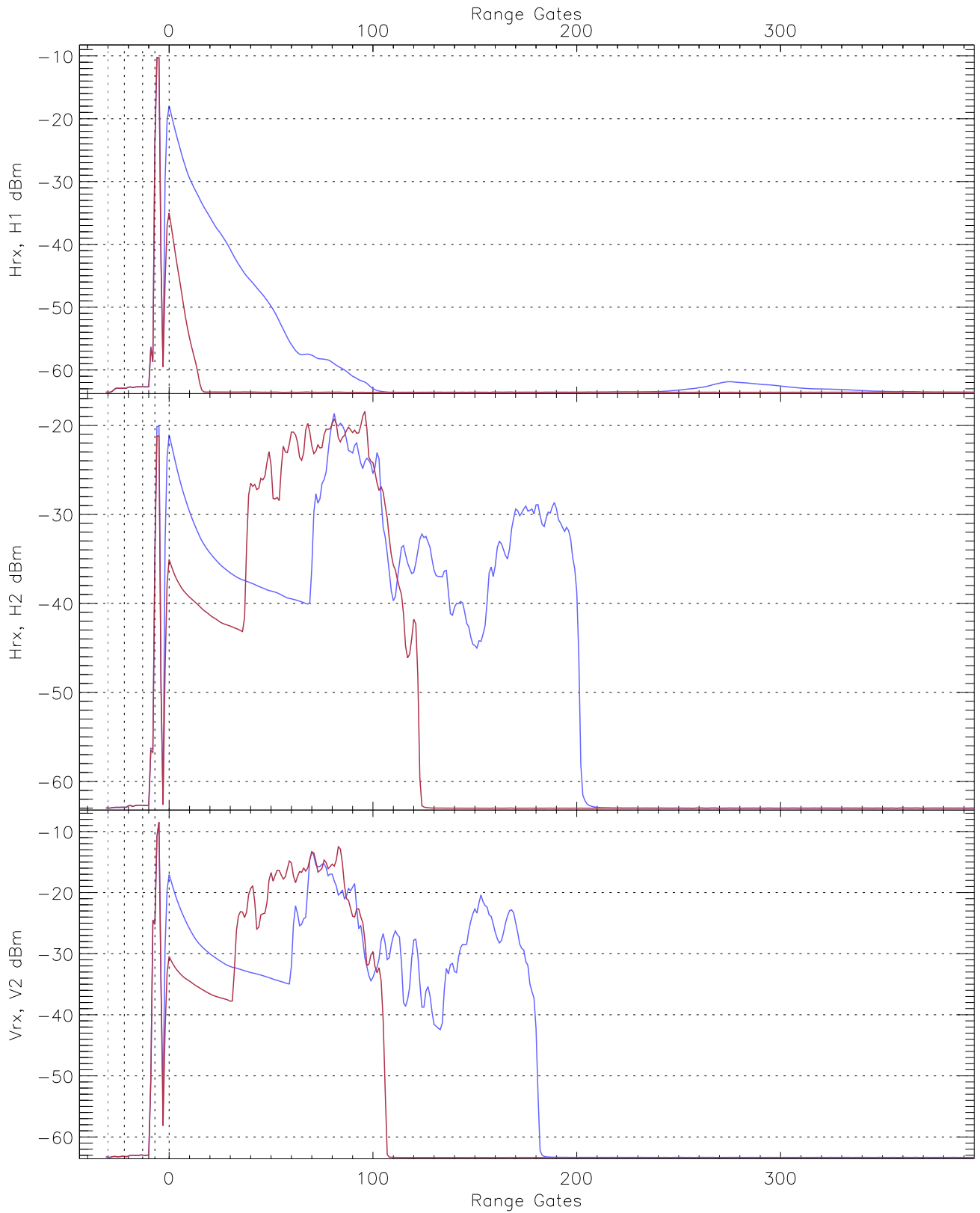
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.38	-62.70	-63.55	-63.56	-76.26
Hrx, H2 (RM [dBm])	-64.10	-62.15	-63.00	-63.00	-75.72
Vrx, V2 (RM [dBm])	-64.30	-62.41	-63.33	-63.33	-76.02

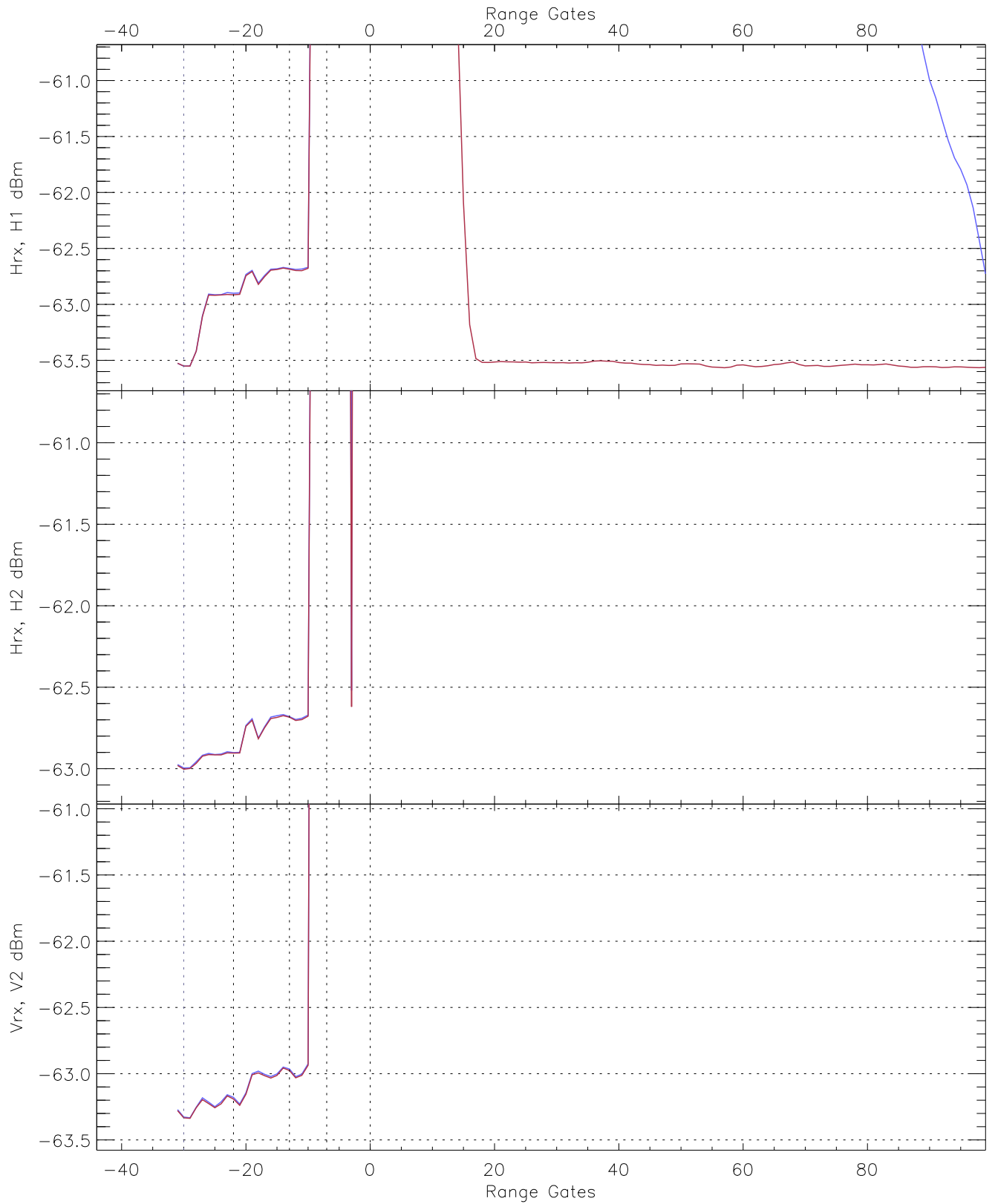


WCR2 CPP "Best" estimate Receivers Noise Power

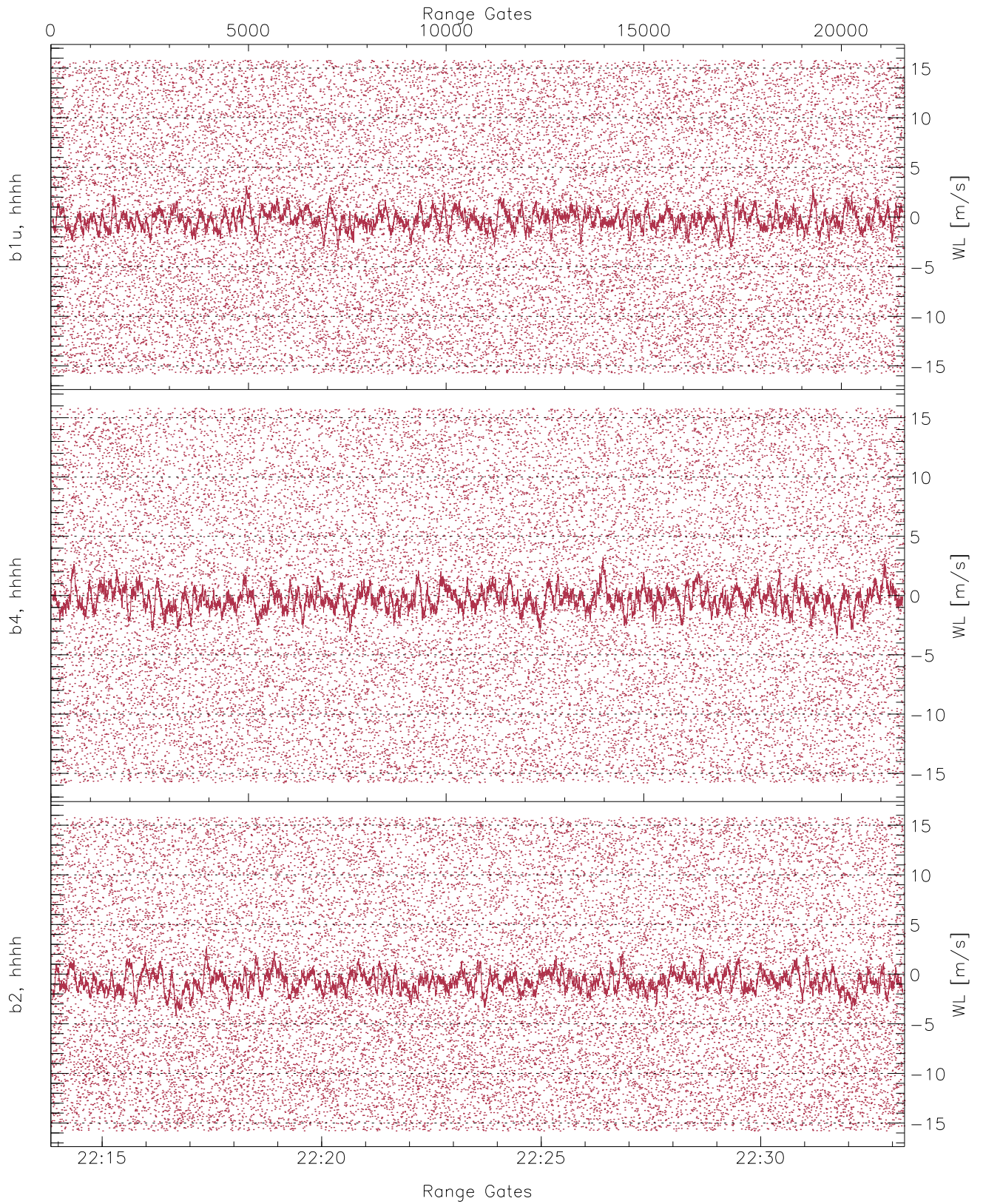
	Min	Max	Mean	Median	StDev
H1RG157_0 [dBm]	-64.52	-62.61	-63.57	-63.57	-76.24
H2RG257_0 [dBm]	-63.97	-62.18	-63.01	-63.01	-75.72
V2RG369_0 [dBm]	-64.34	-62.36	-63.37	-63.38	-76.08



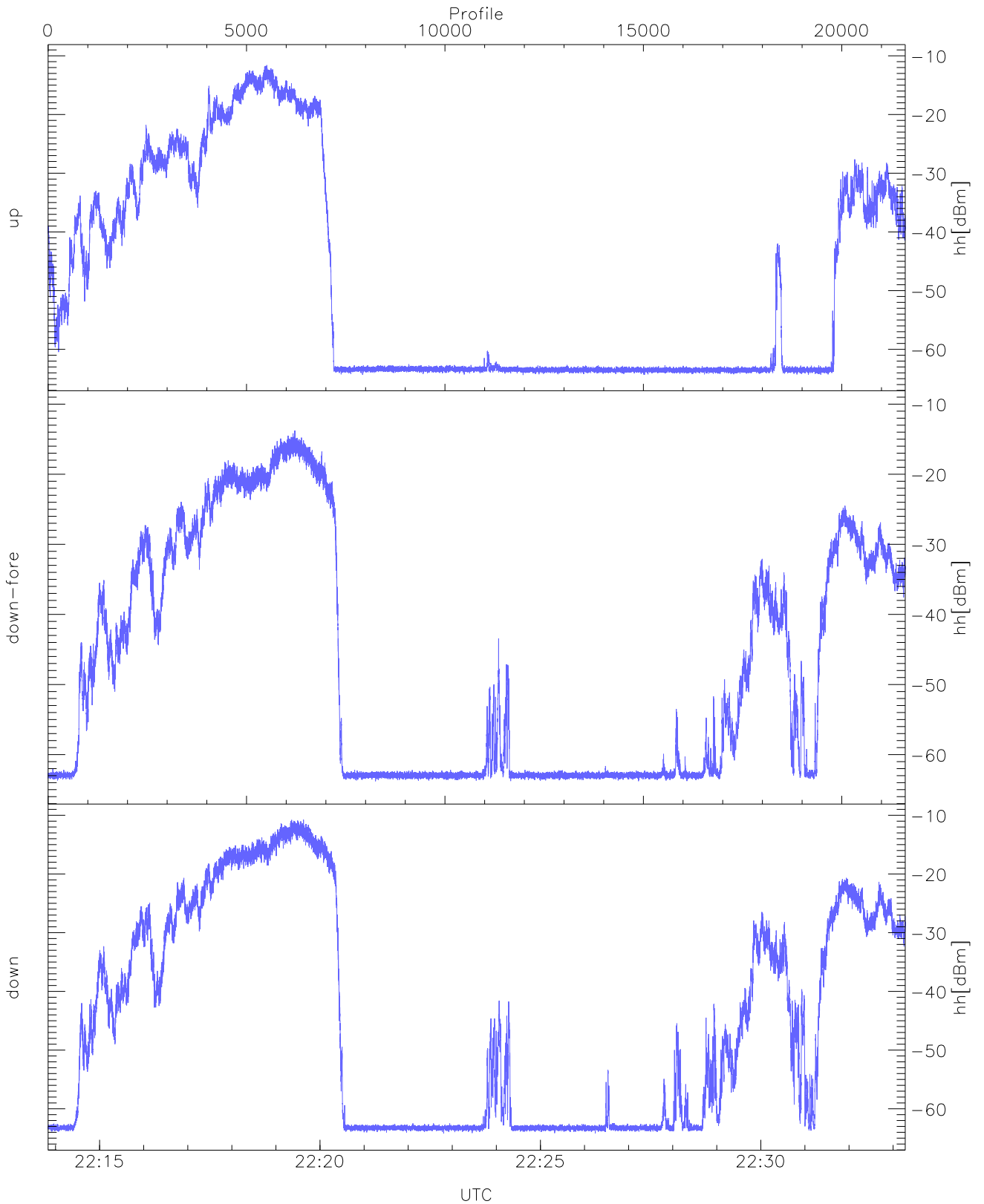
WCR2 CPP Averaged Received power for all recorded gates
blue: 221350-222333, 10801 profiles averaged
red: 222333-223317, 10800 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 221350-222333, 10801 profiles averaged
red: 222333-223317, 10800 profiles averaged

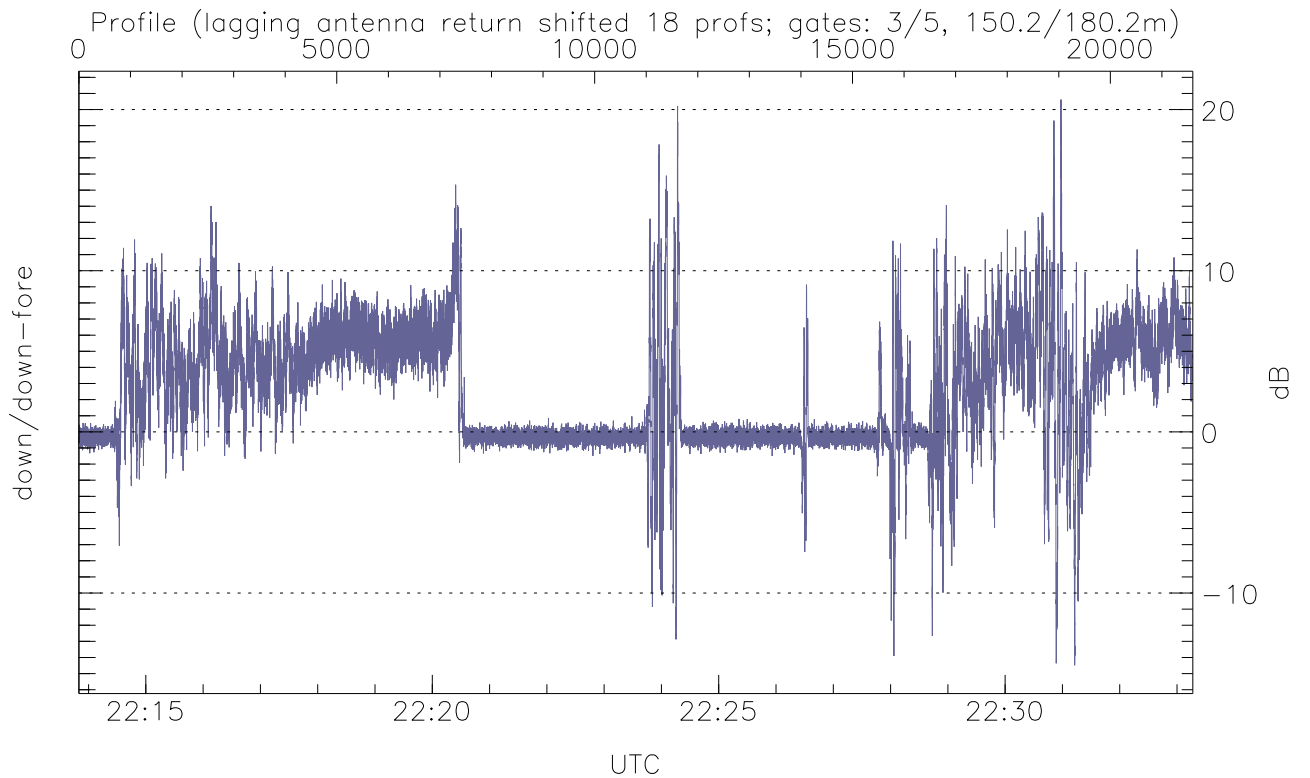
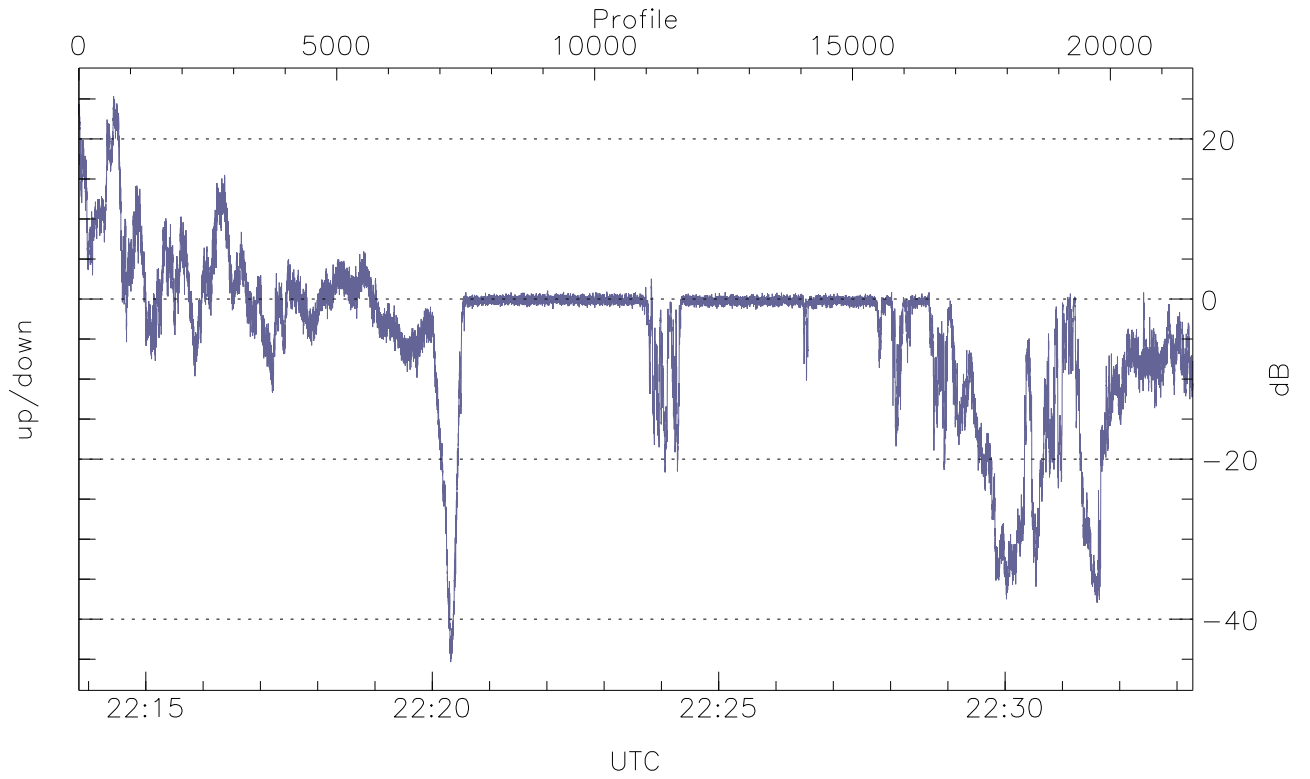


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



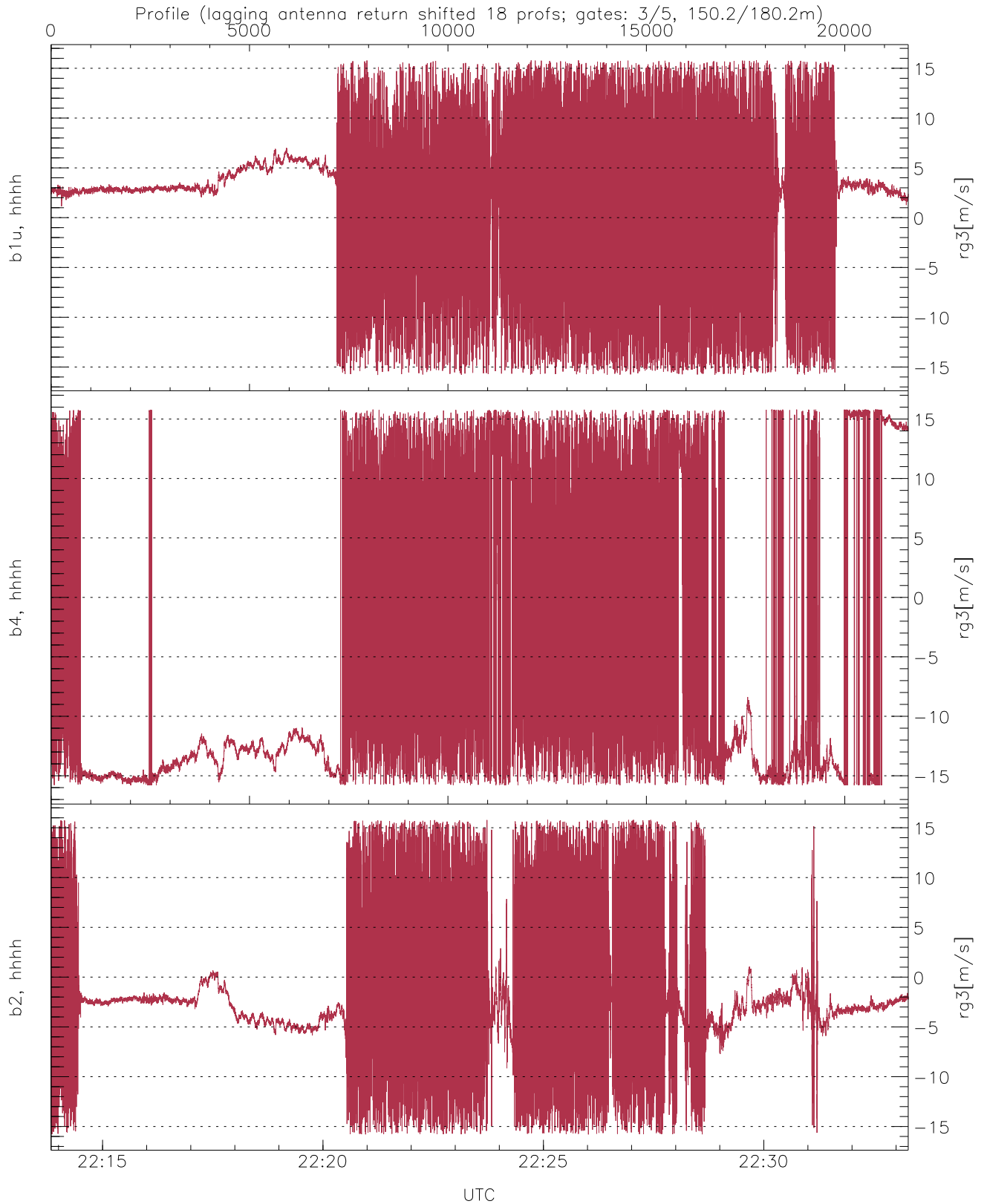
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh [dBm])	-64.37	-11.59	-24.86
down-fore(hh [dBm])	-63.79	-13.78	-26.86
down(hh [dBm])	-64.21	-10.77	-23.10



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 3 (150 m)

	Min	Max	Mean
up/down (dB)	-45.36	25.33	-4.01
down/down-fore (dB)	-14.48	20.62	2.50



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.79	15.80	1.43	6.49
b4, hhhh(rg3[m/s])	-15.80	15.80	-5.22	10.98
b2, hhhh(rg3[m/s])	-15.80	15.79	-2.08	5.84