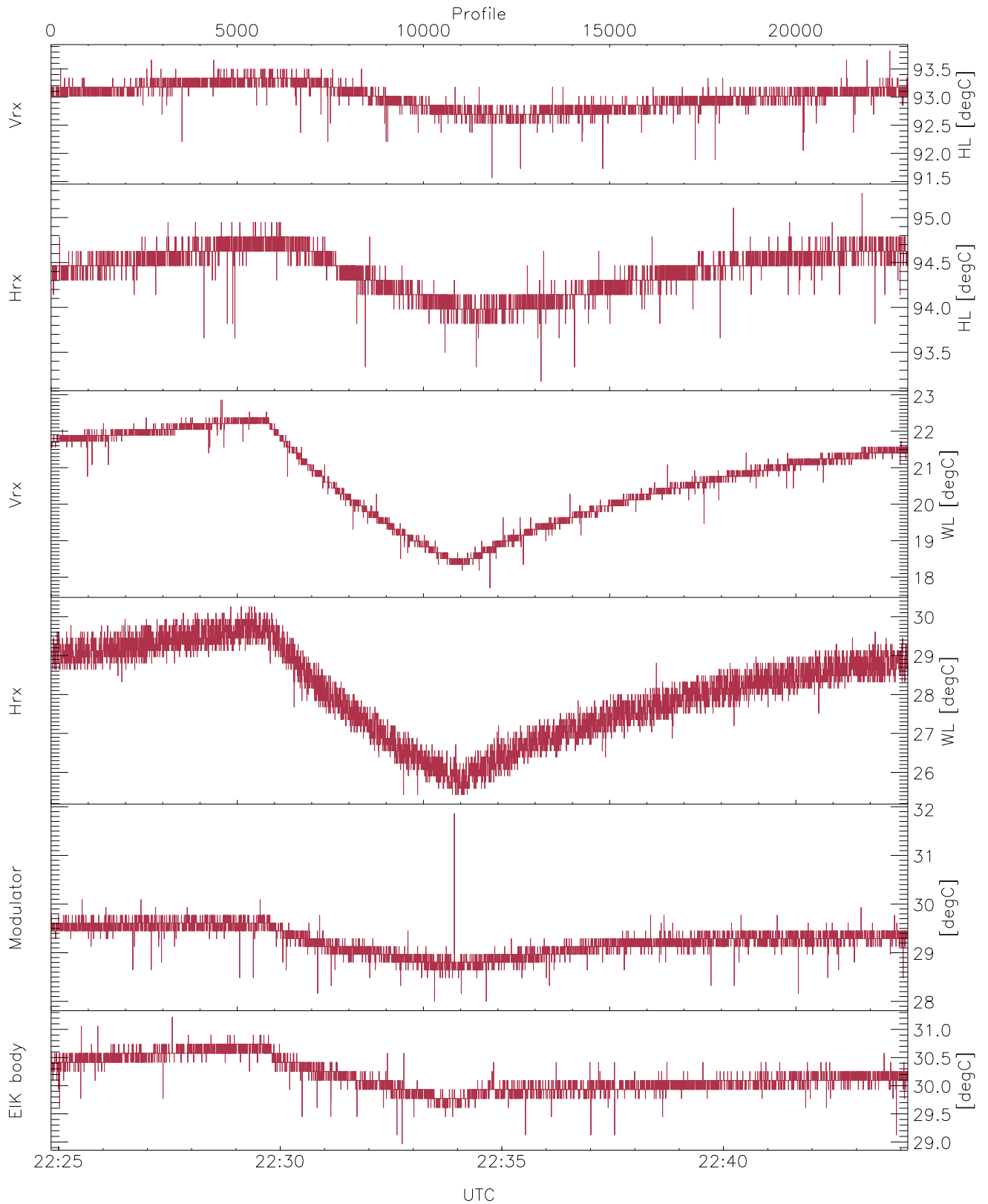


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

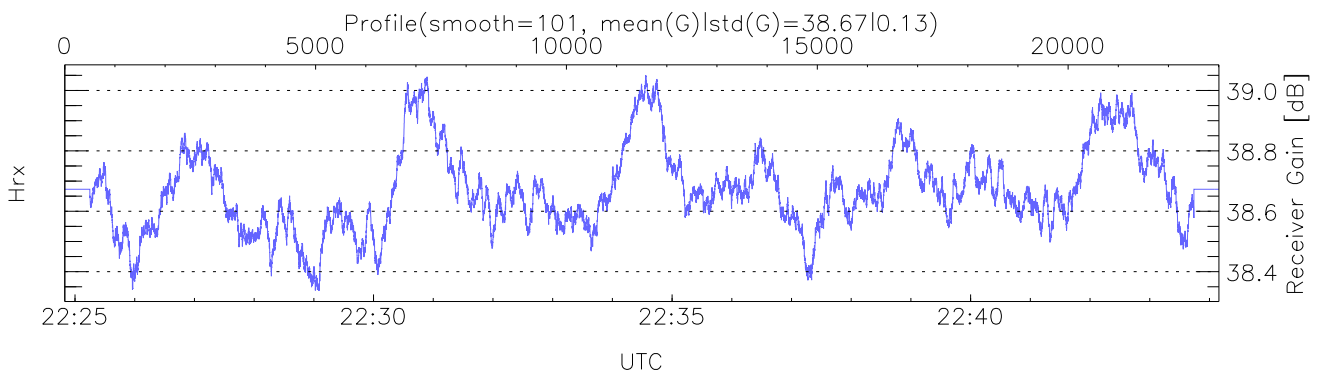
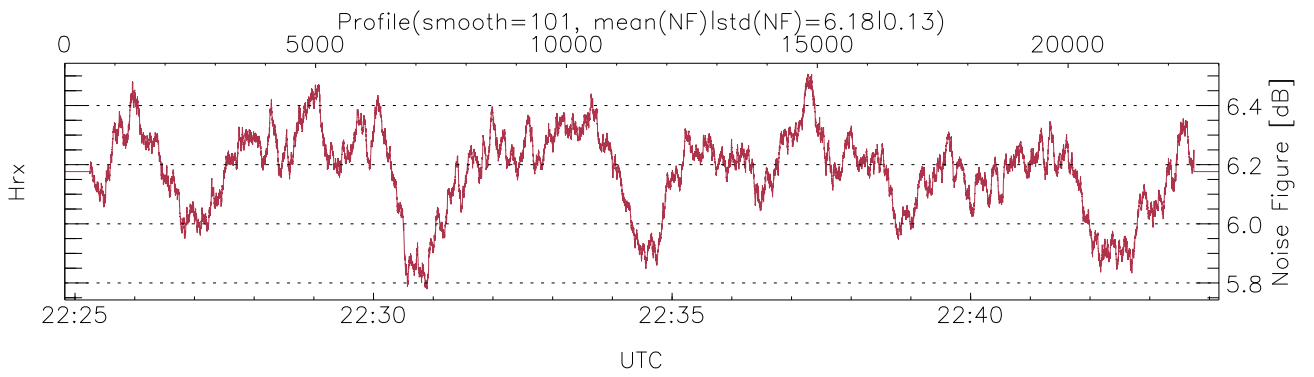
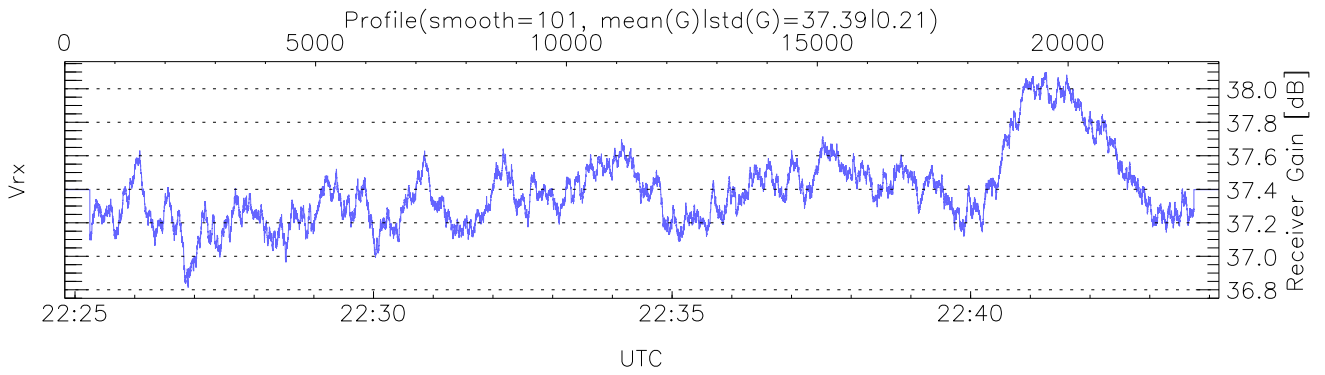
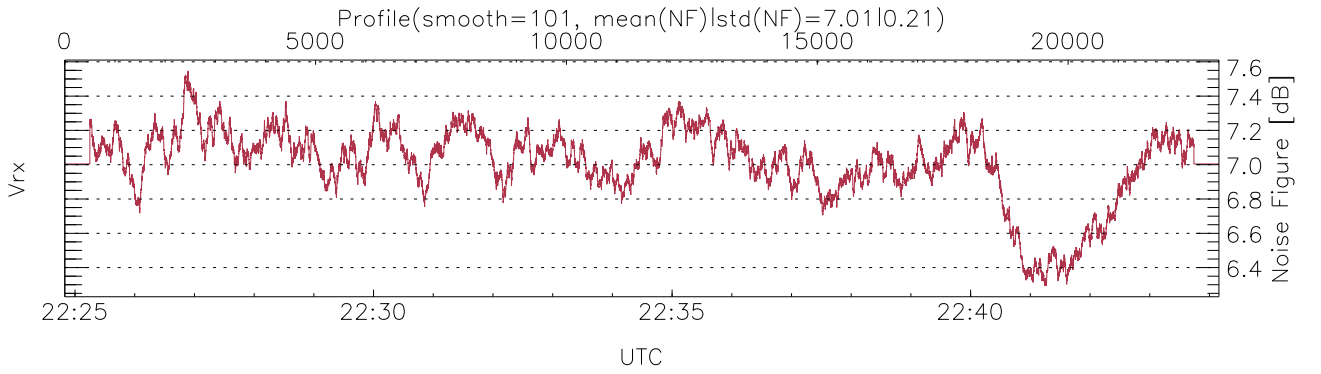
UTC: 22:24:50-22:44:10, Dur: 1159.84s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 23008/23008, 0-23007/22:24:50-22:44:10
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

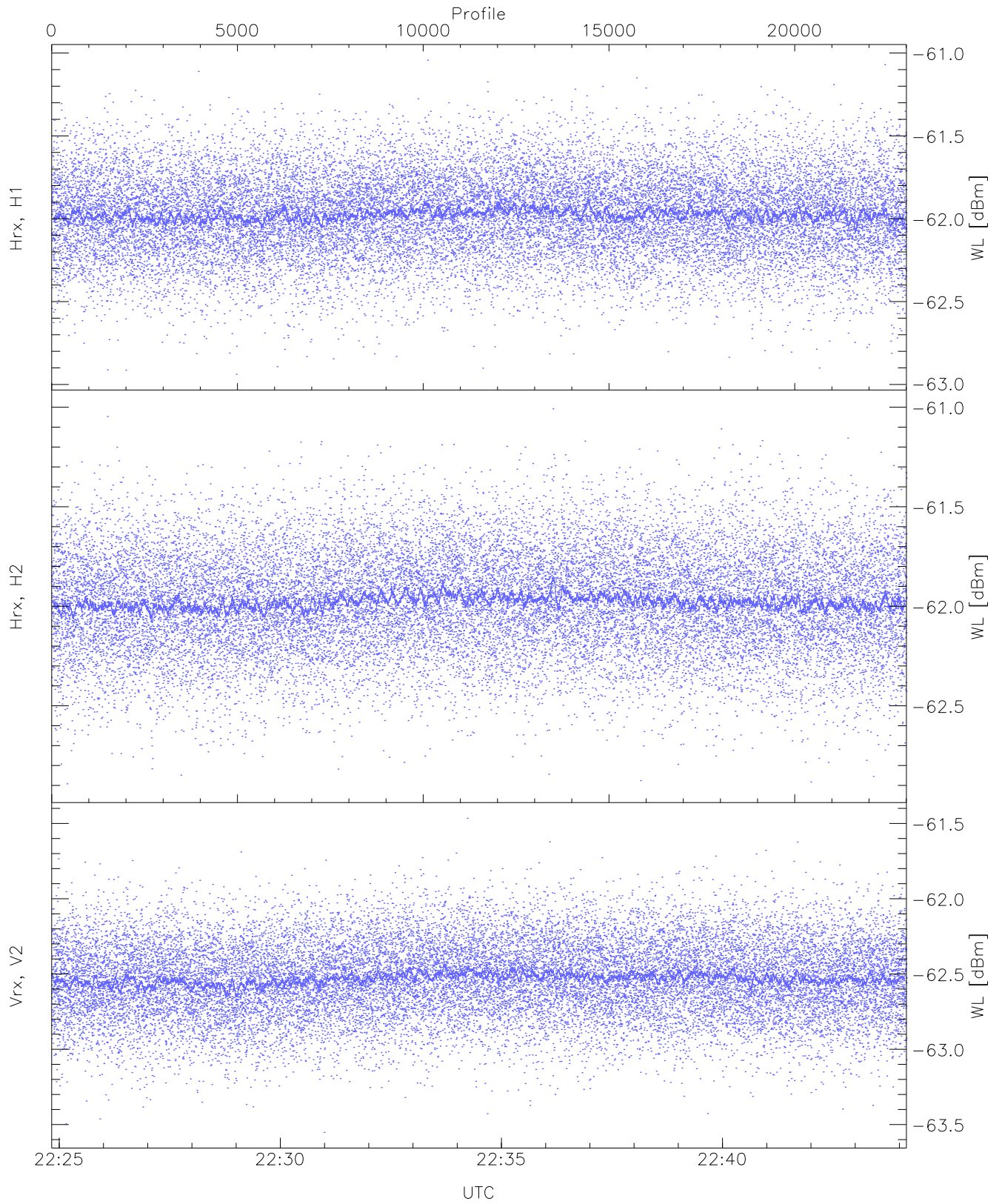
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,17,25,28,28
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,30,31,31
 LOalarm(20,80,240,2.8,14.8 MHz): None

EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (10,10,10,10,10,6)



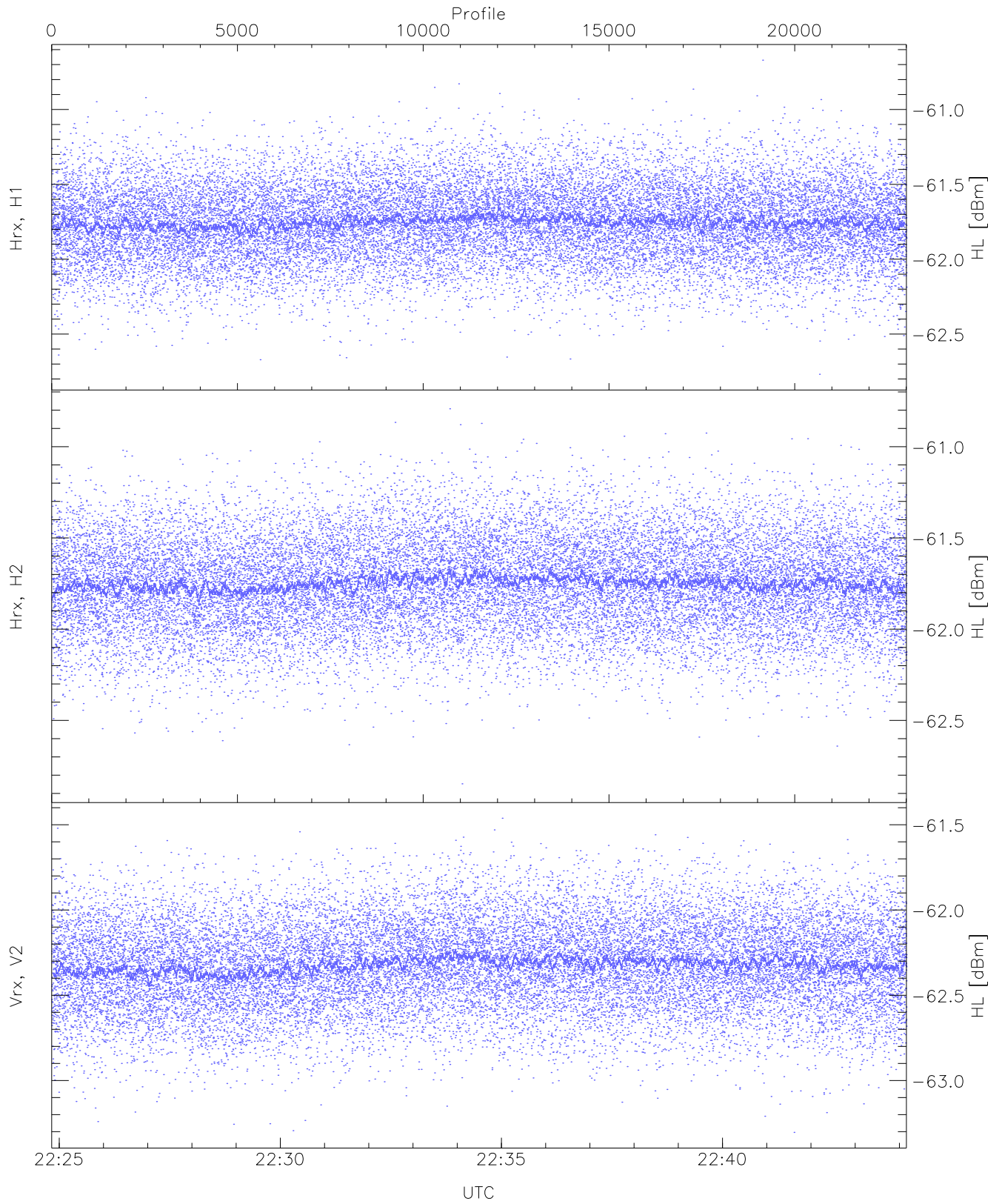
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 204 pixs, 9 gates, 204 profs, 1 prods



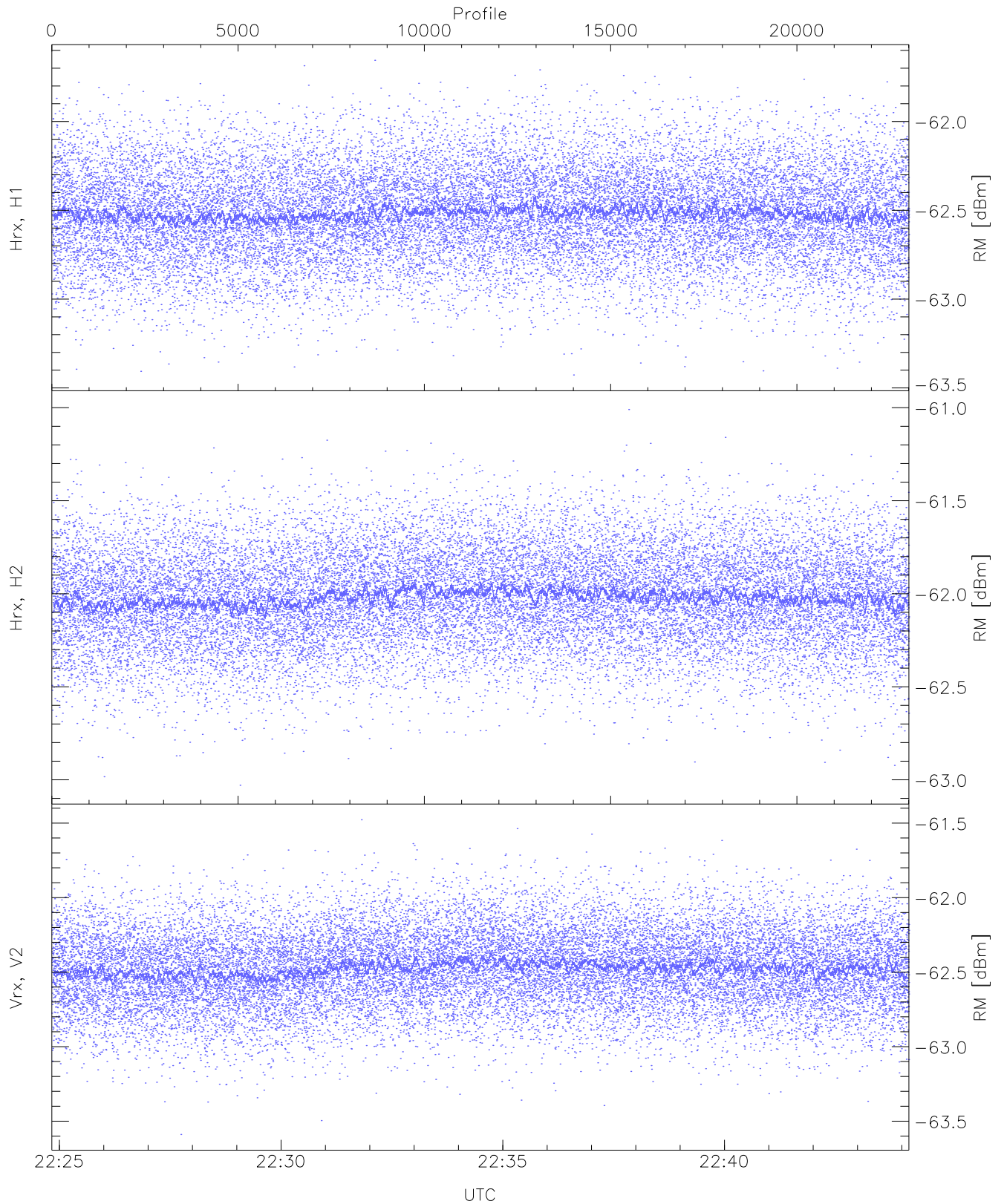
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.94	-61.04	-61.97	-61.97	-74.58
Hrx, H2(WL [dBm])	-62.89	-61.01	-61.97	-61.98	-74.51
Vrx, V2(WL [dBm])	-63.55	-61.47	-62.53	-62.53	-75.05



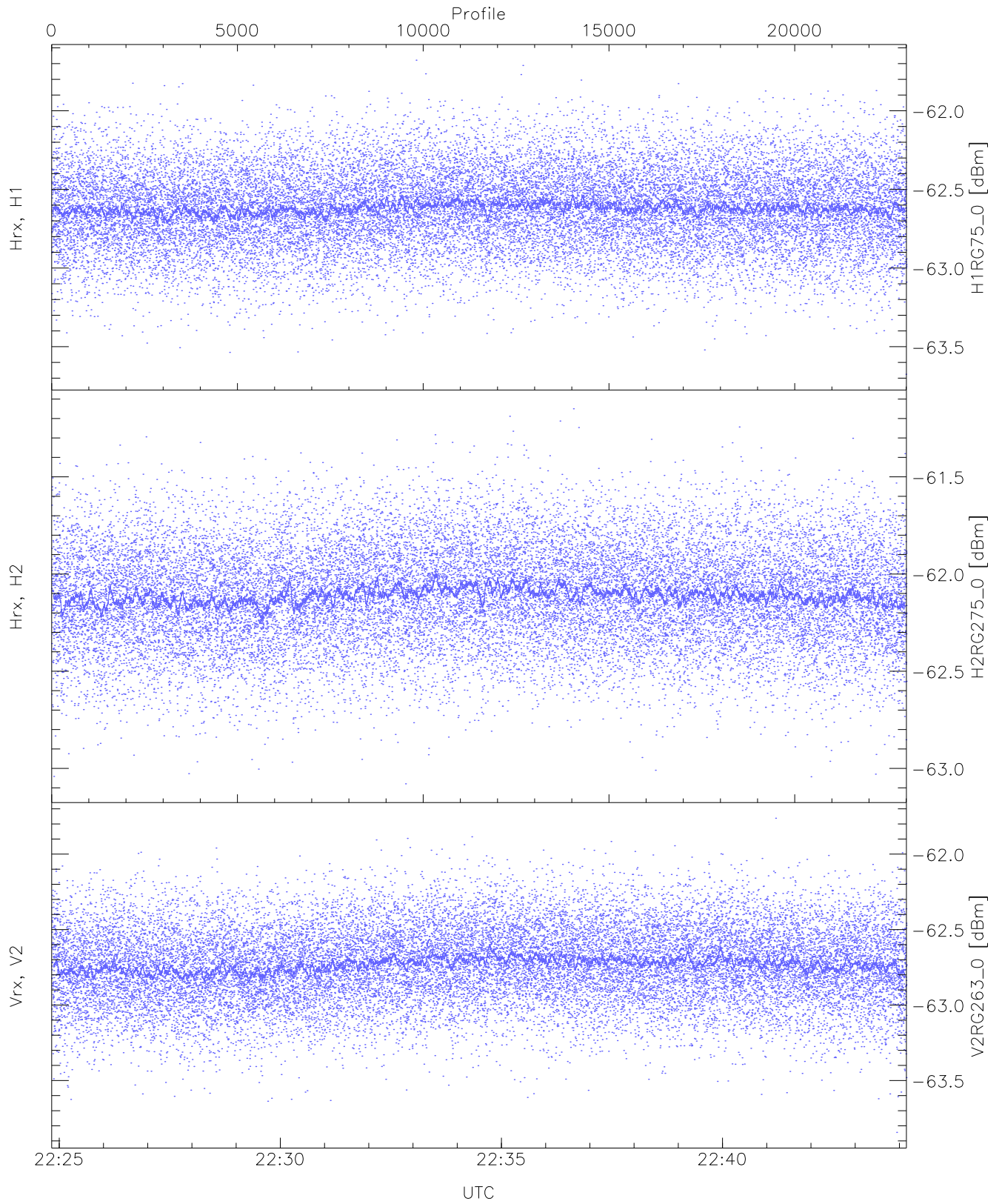
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.77	-60.67	-61.75	-61.75	-74.30
Hrx, H2 (HL [dBm])	-62.85	-60.79	-61.75	-61.75	-74.36
Vrx, V2 (HL [dBm])	-63.30	-61.46	-62.32	-62.33	-74.87



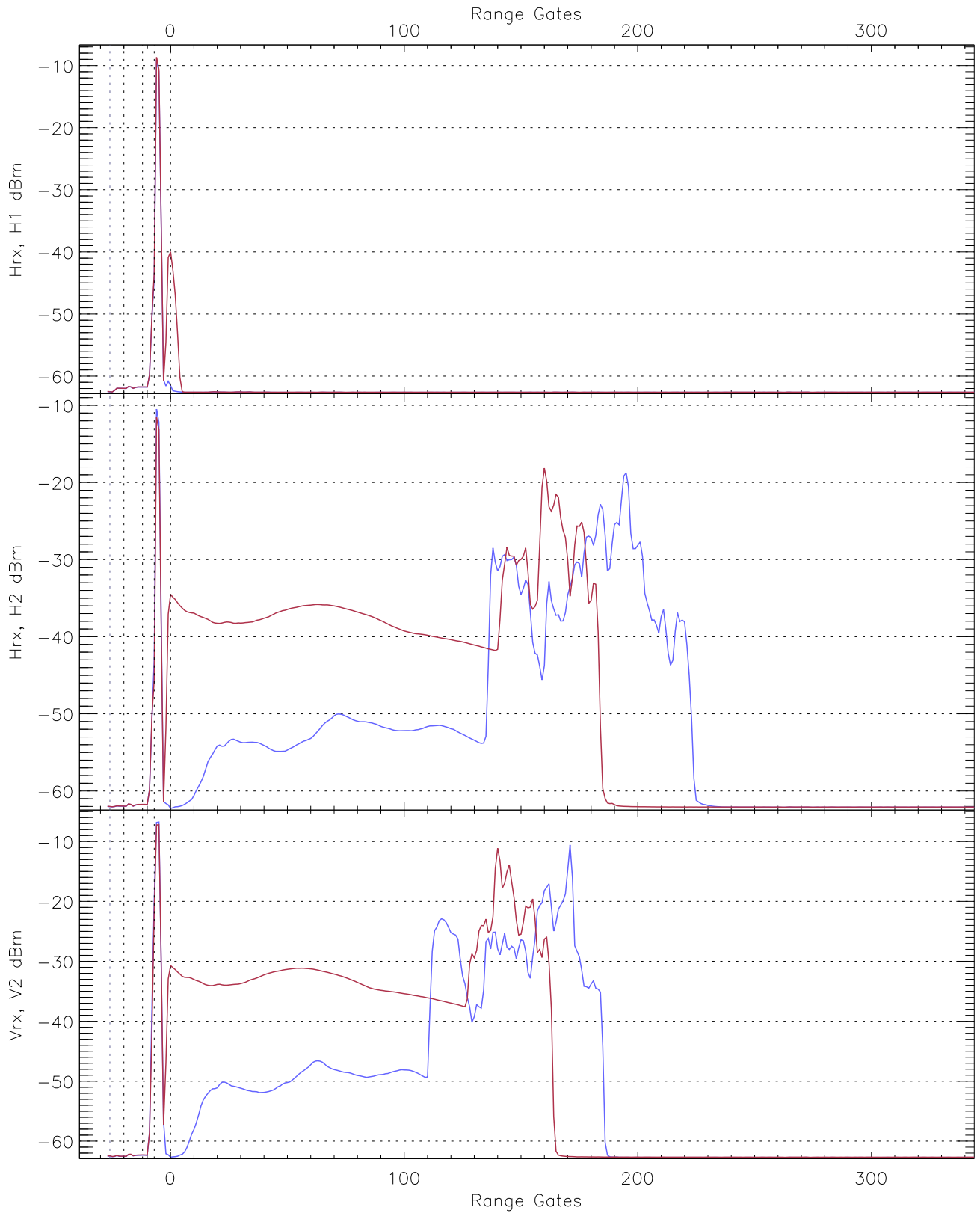
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.43	-61.66	-62.52	-62.52	-75.05
Hrx, H2 (RM [dBm])	-63.03	-61.01	-62.02	-62.02	-74.58
Vrx, V2 (RM [dBm])	-63.59	-61.48	-62.48	-62.48	-74.98

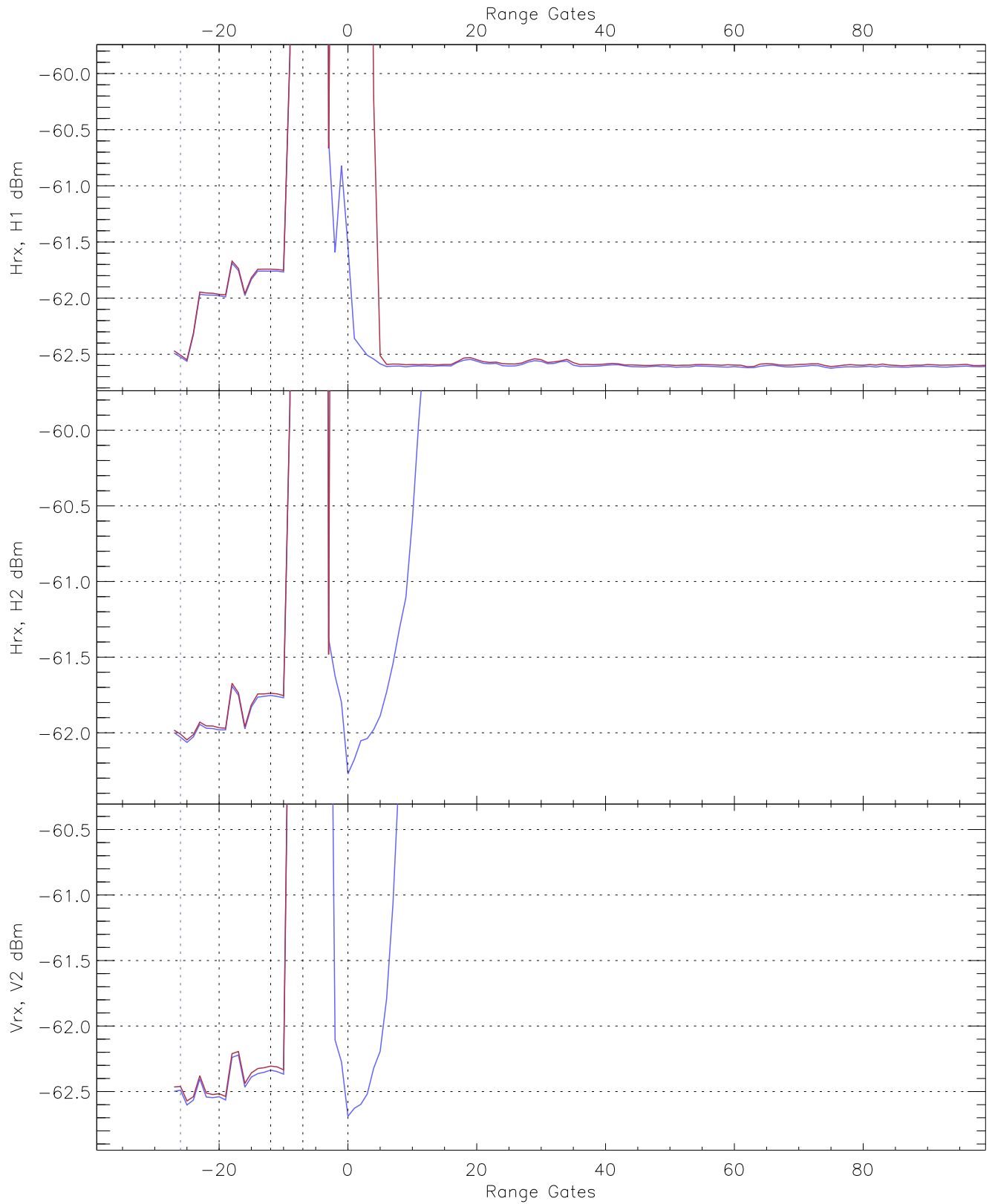


WCR2 CPP "Best" estimate Receivers Noise Power

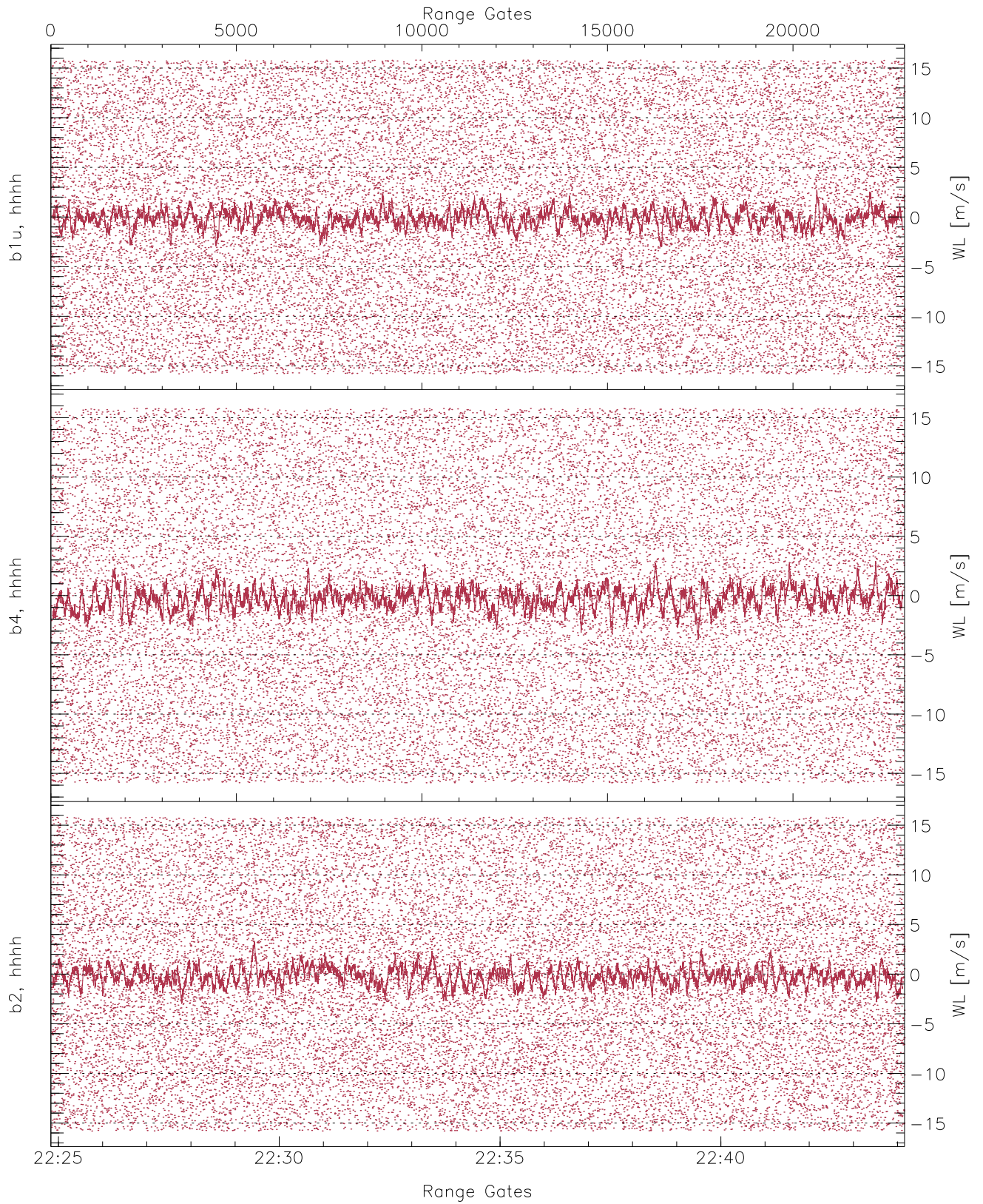
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.68	-61.68	-62.62	-62.62	-75.14
H2RG275_0 [dBm]	-63.08	-61.15	-62.11	-62.11	-74.62
V2RG263_0 [dBm]	-63.84	-61.76	-62.73	-62.73	-75.23



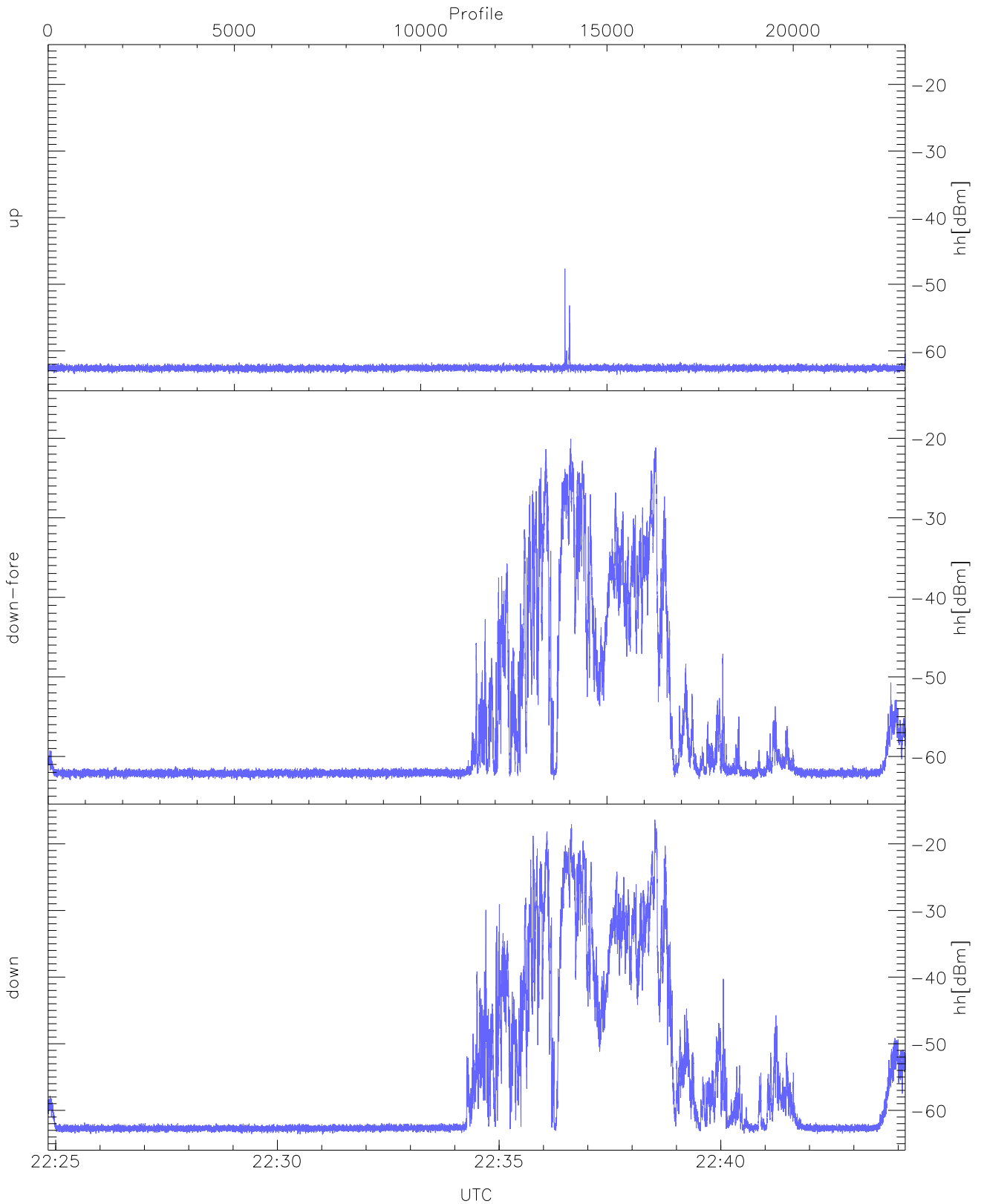
WCR2 CPP Averaged Received power for all recorded gates
blue: 222450-223430, 11505 profiles averaged
red: 223430-224410, 11504 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 222450-223430, 11505 profiles averaged
red: 223430-224410, 11504 profiles averaged

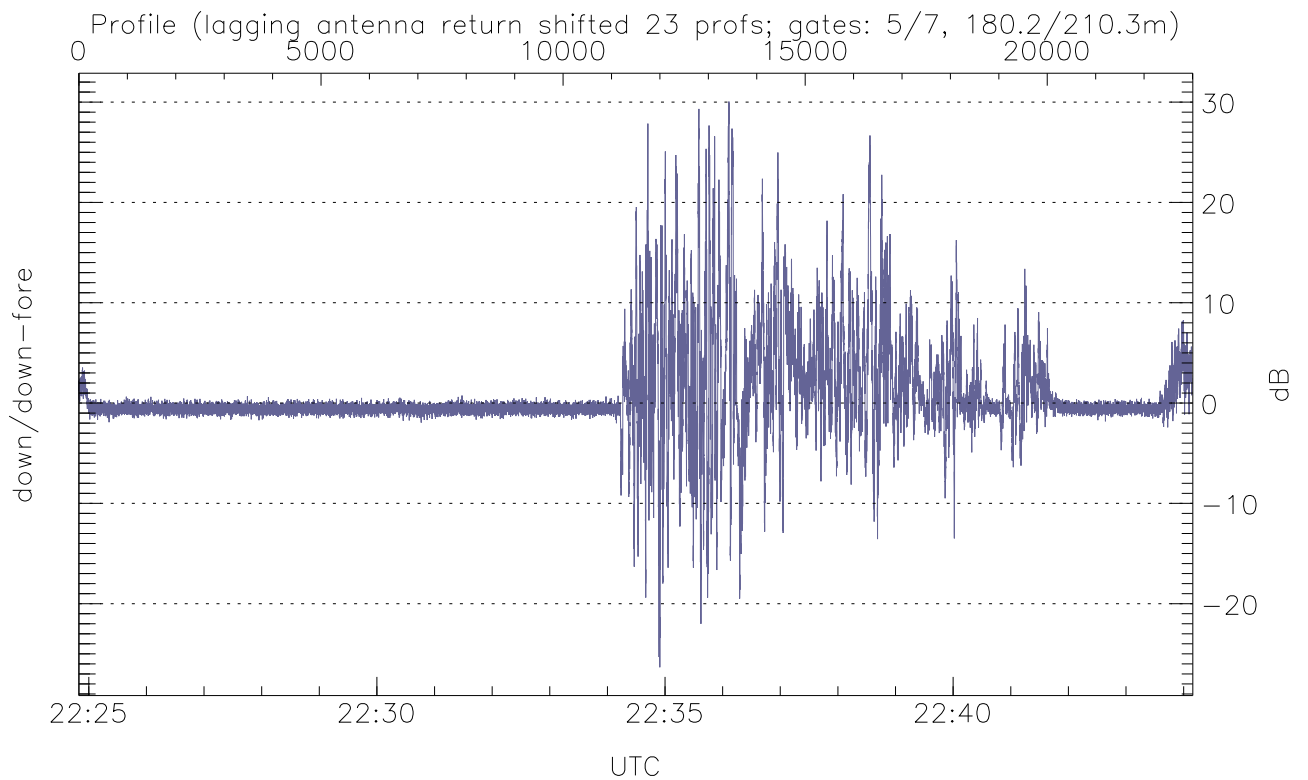
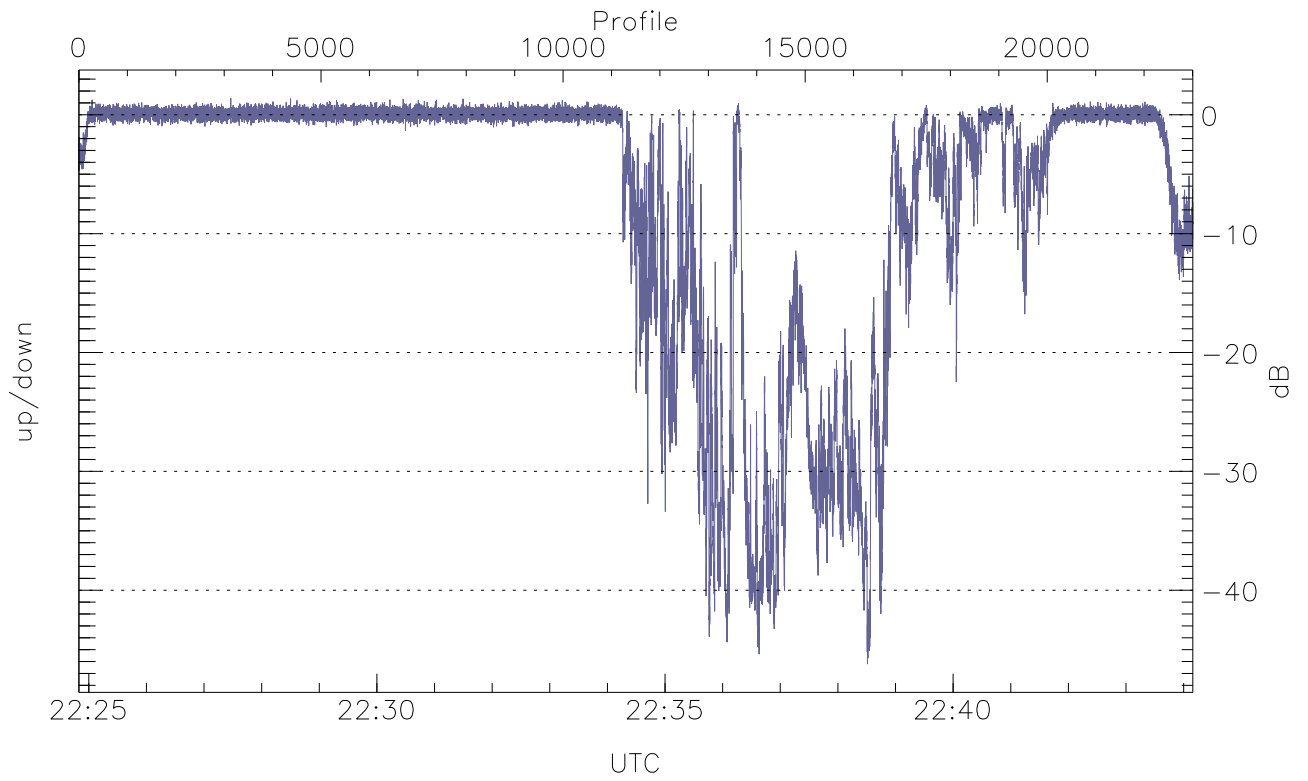


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



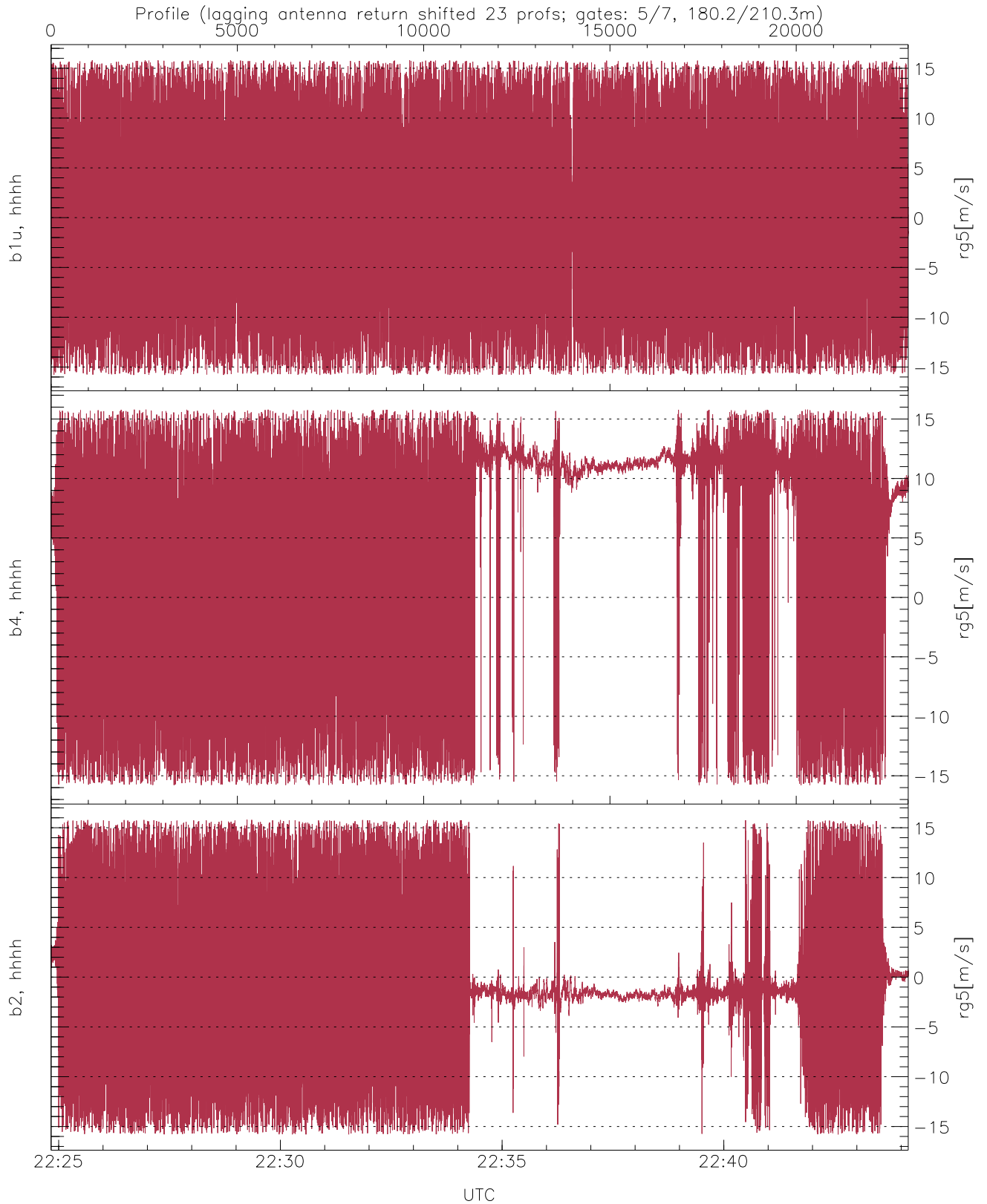
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.57	-47.65	-62.55
down-fore(hh[dBm])	-63.00	-20.05	-39.29
down(hh[dBm])	-63.62	-16.39	-35.51



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

	Min	Max	Mean
up/down (dB)	-46.21	1.39	-6.56
down/down-fore (dB)	-26.34	30.06	0.74



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.16	8.98
b4, hhhh(rg5[m/s])	-15.80	15.80	4.06	9.03
b2, hhhh(rg5[m/s])	-15.79	15.80	-0.91	6.93