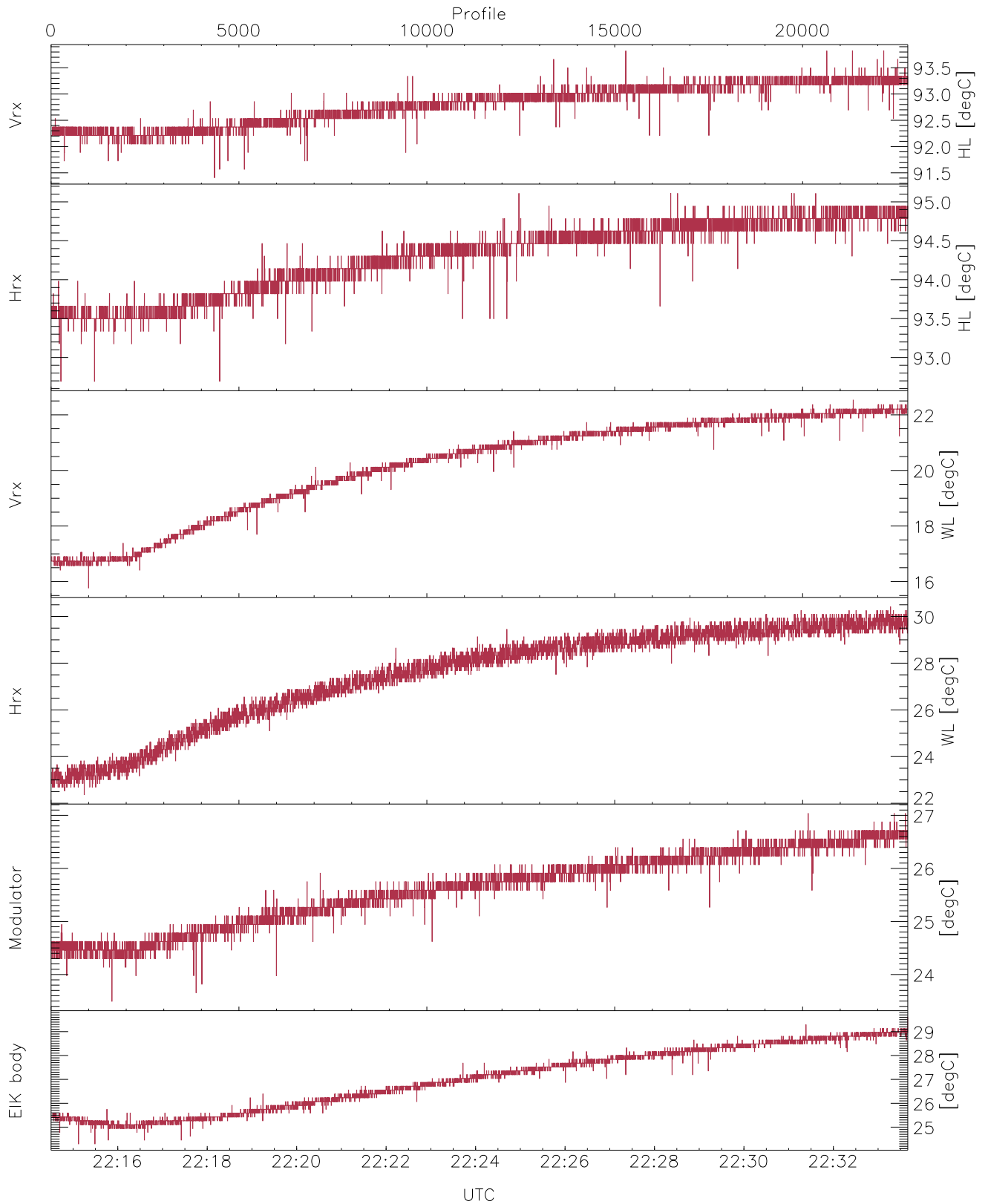


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

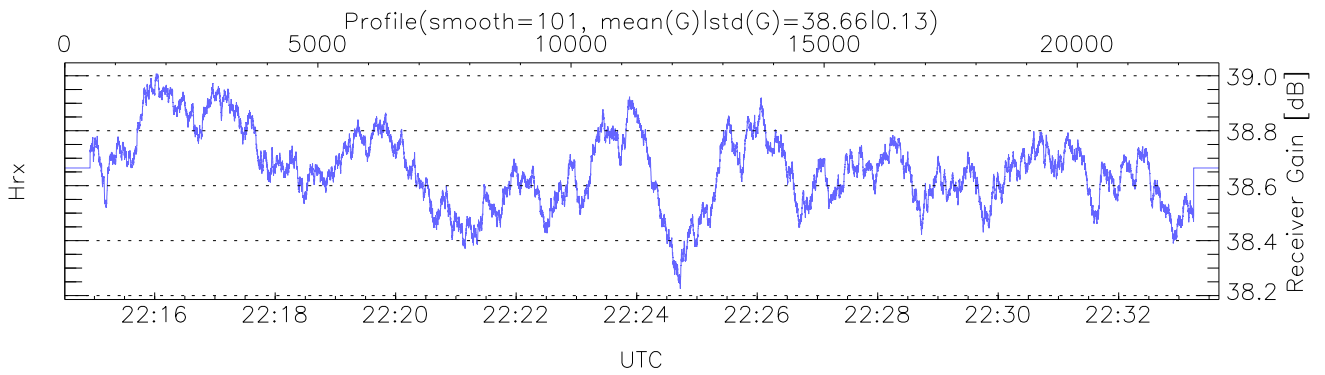
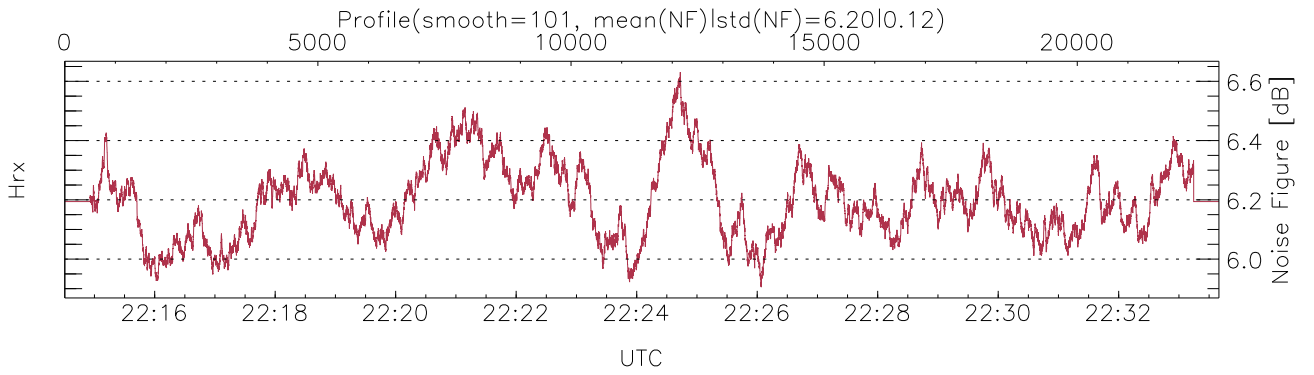
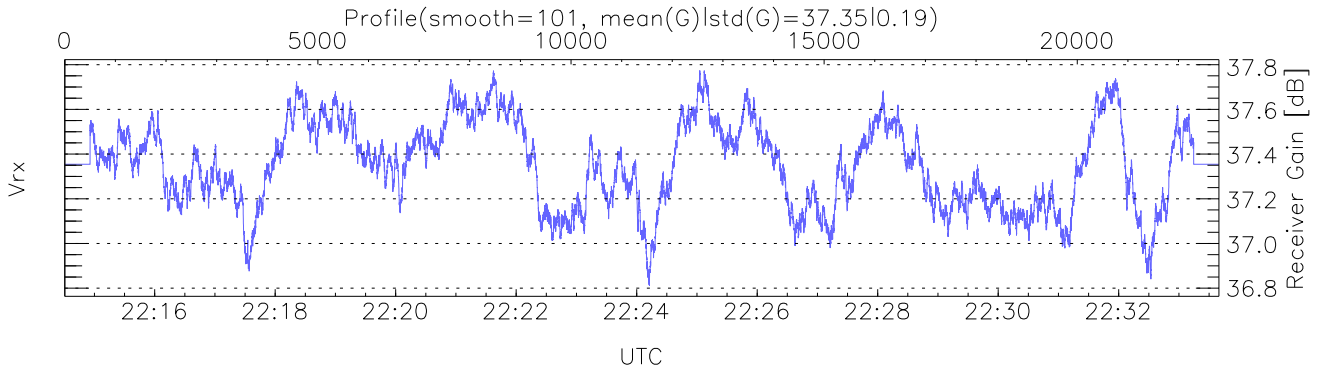
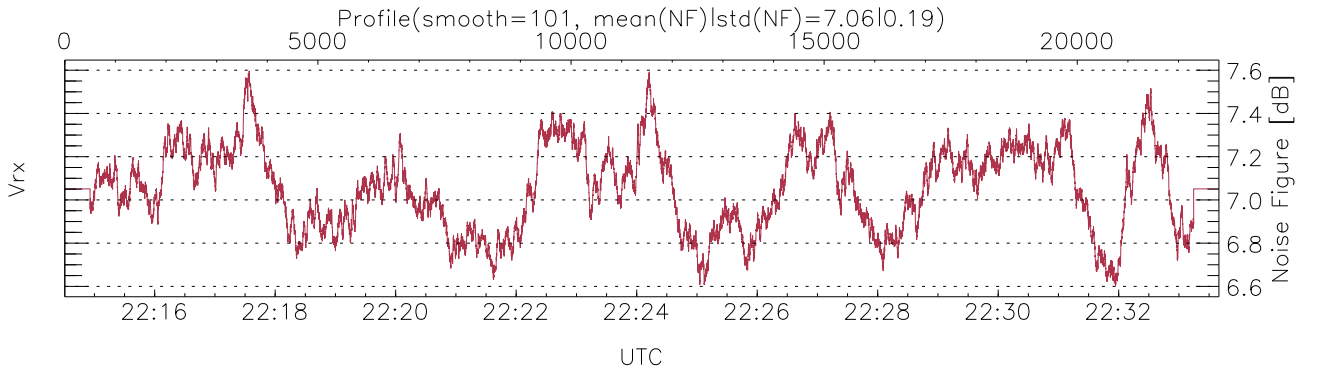
UTC: 22:14:30-22:41:19, Dur: 1608.21s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 22800/31902, 0-22799/22:14:30-22:33:40
 AcqTime: 50.4ms, Rate: 268kB/s, Averages: 168
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

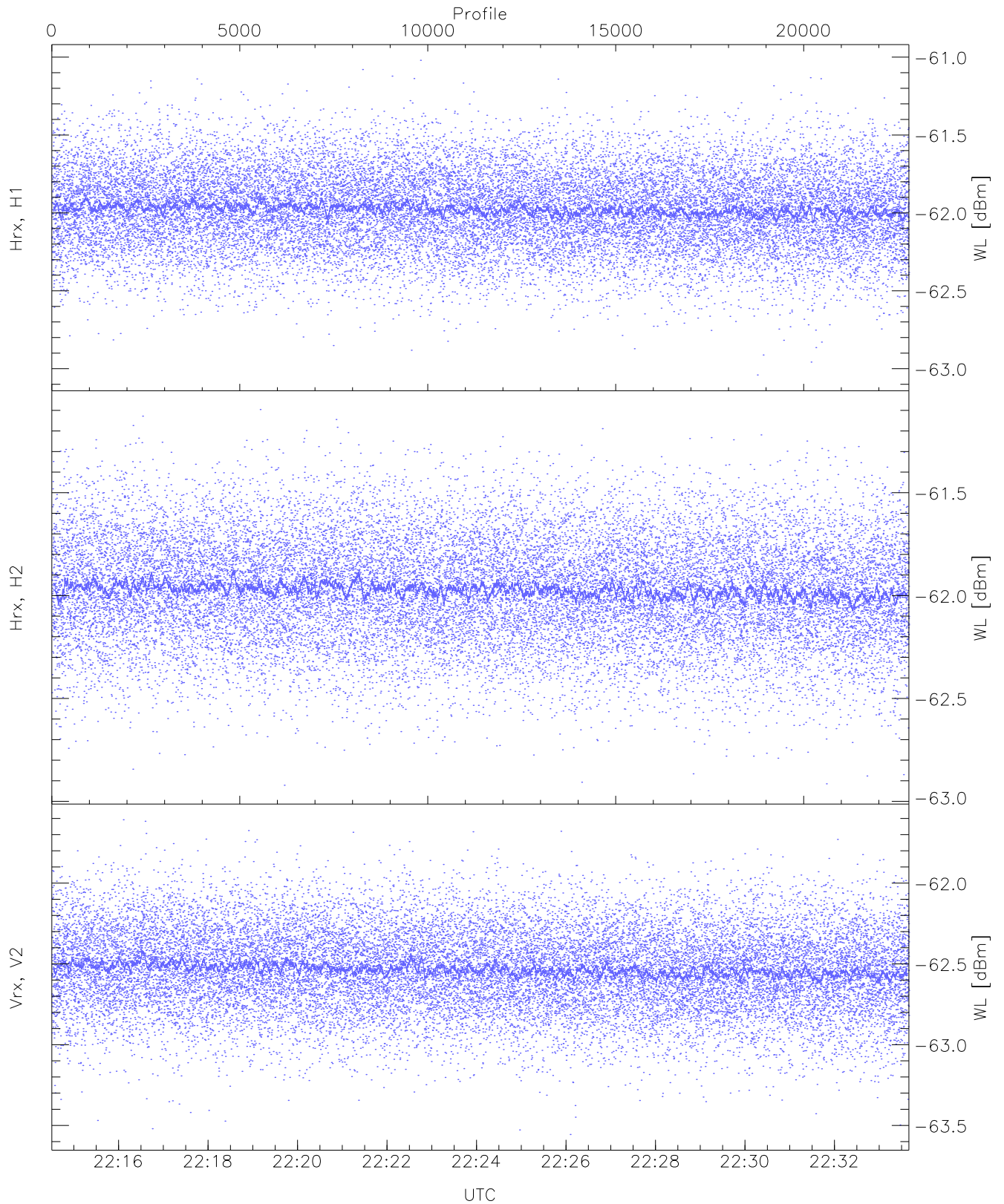
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,15,22,23,24
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,30,27,29
 LOalarm(20,80,240,2.8,14.8 MHz): None

EIK Faults(# prof affected):
 DeckT, CollT, BodyCurr, DeckF, OverDuty, HVPS (16,16,16,16,16,21)



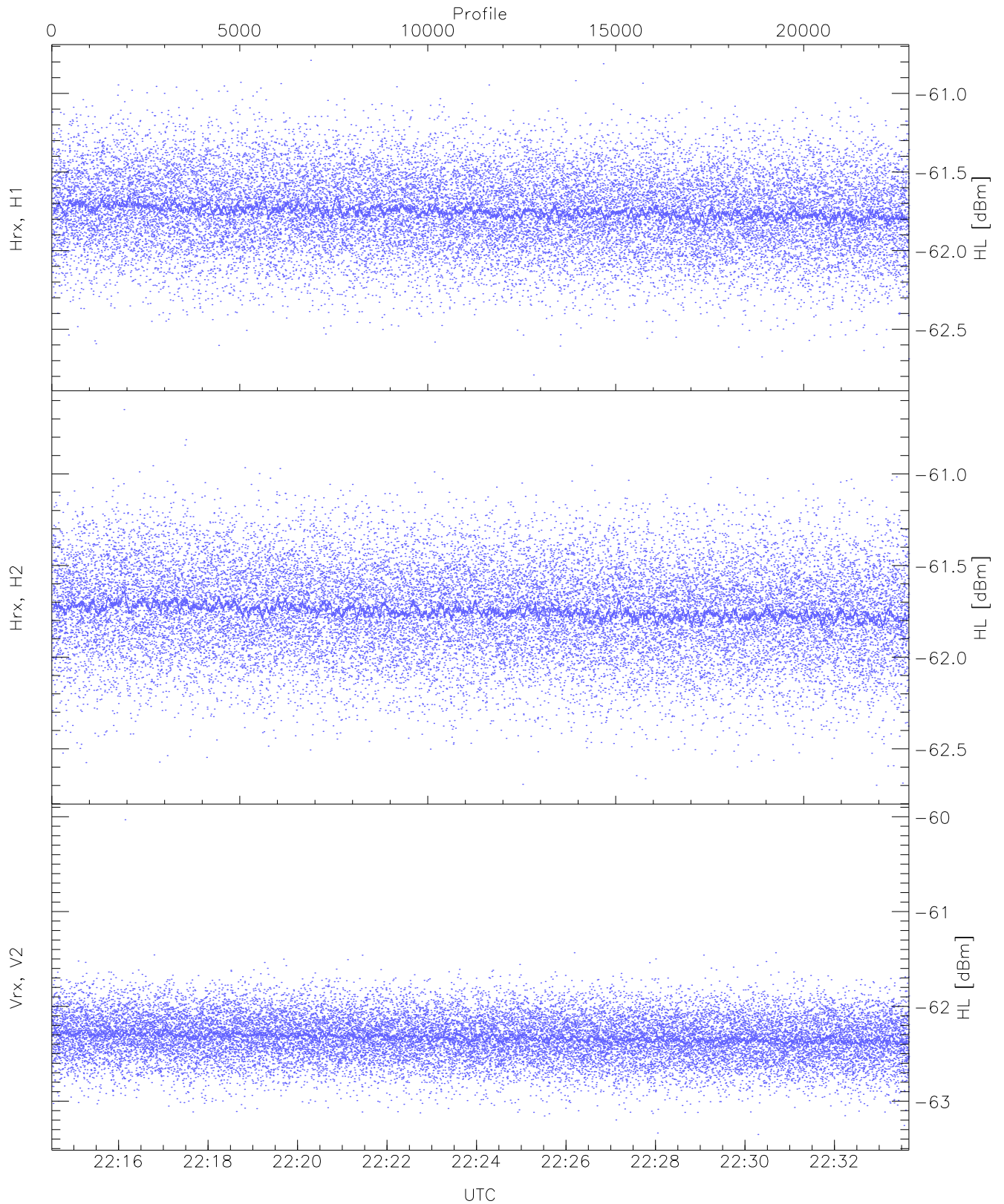
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 839 pixs, 25 gates, 822 profs, 1 prods



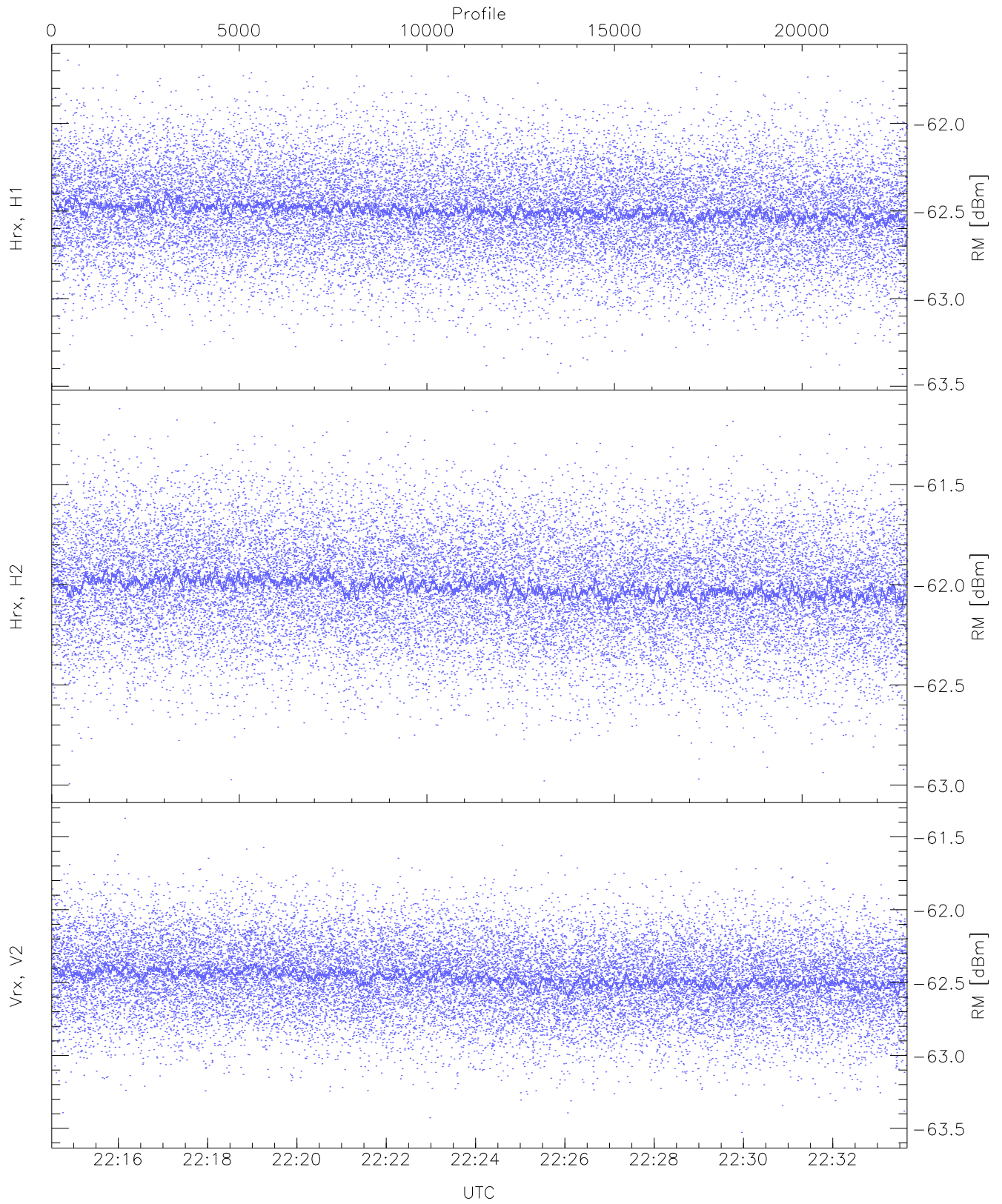
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.04	-61.02	-61.97	-61.98	-74.55
Hrx, H2 (WL [dBm])	-62.92	-61.10	-61.97	-61.98	-74.52
Vrx, V2 (WL [dBm])	-63.56	-61.61	-62.53	-62.54	-75.06



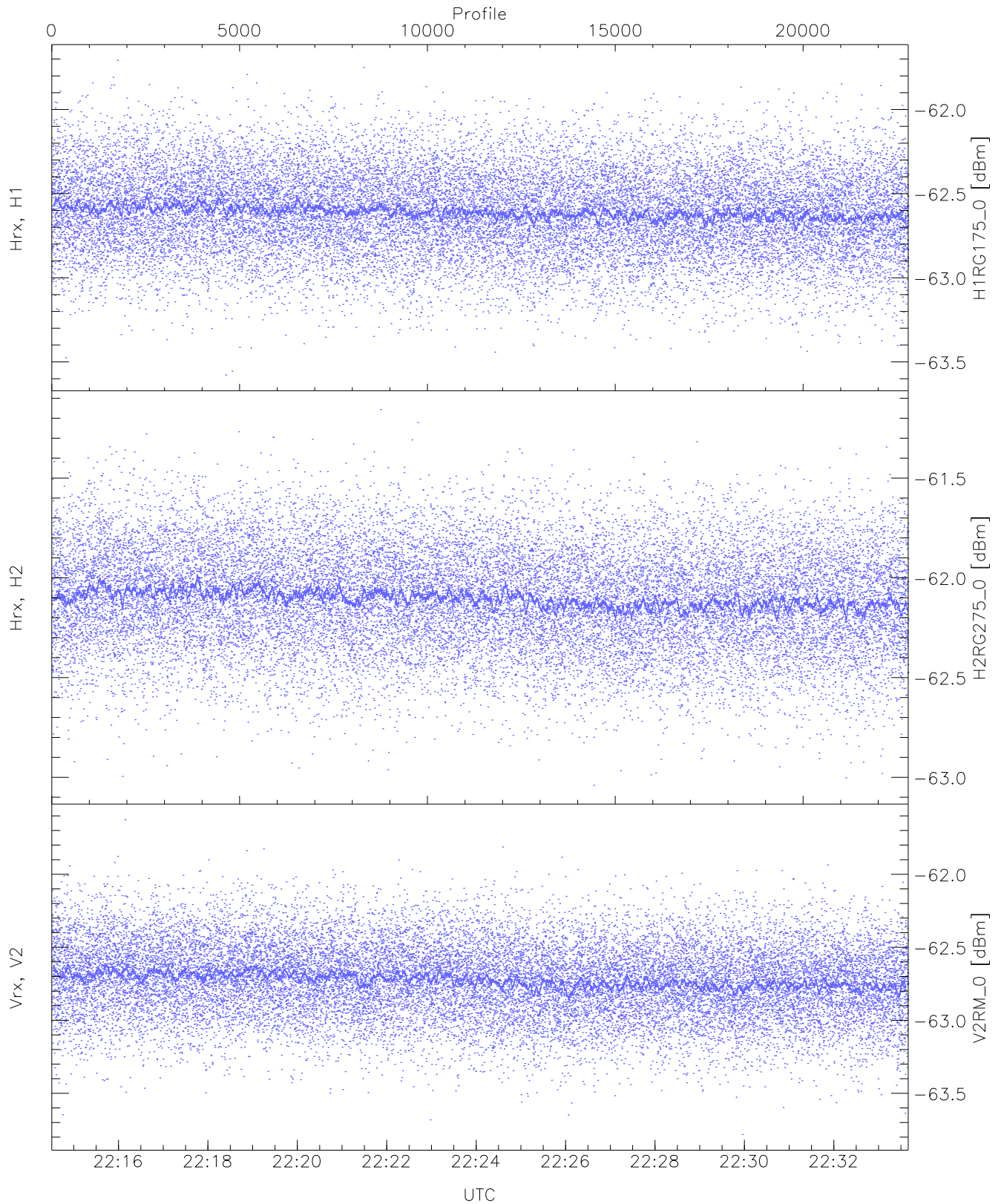
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.79	-60.79	-61.75	-61.75	-74.30
Hrx, H2 (HL [dBm])	-62.70	-60.65	-61.74	-61.75	-74.31
Vrx, V2 (HL [dBm])	-63.35	-60.03	-62.32	-62.33	-74.86



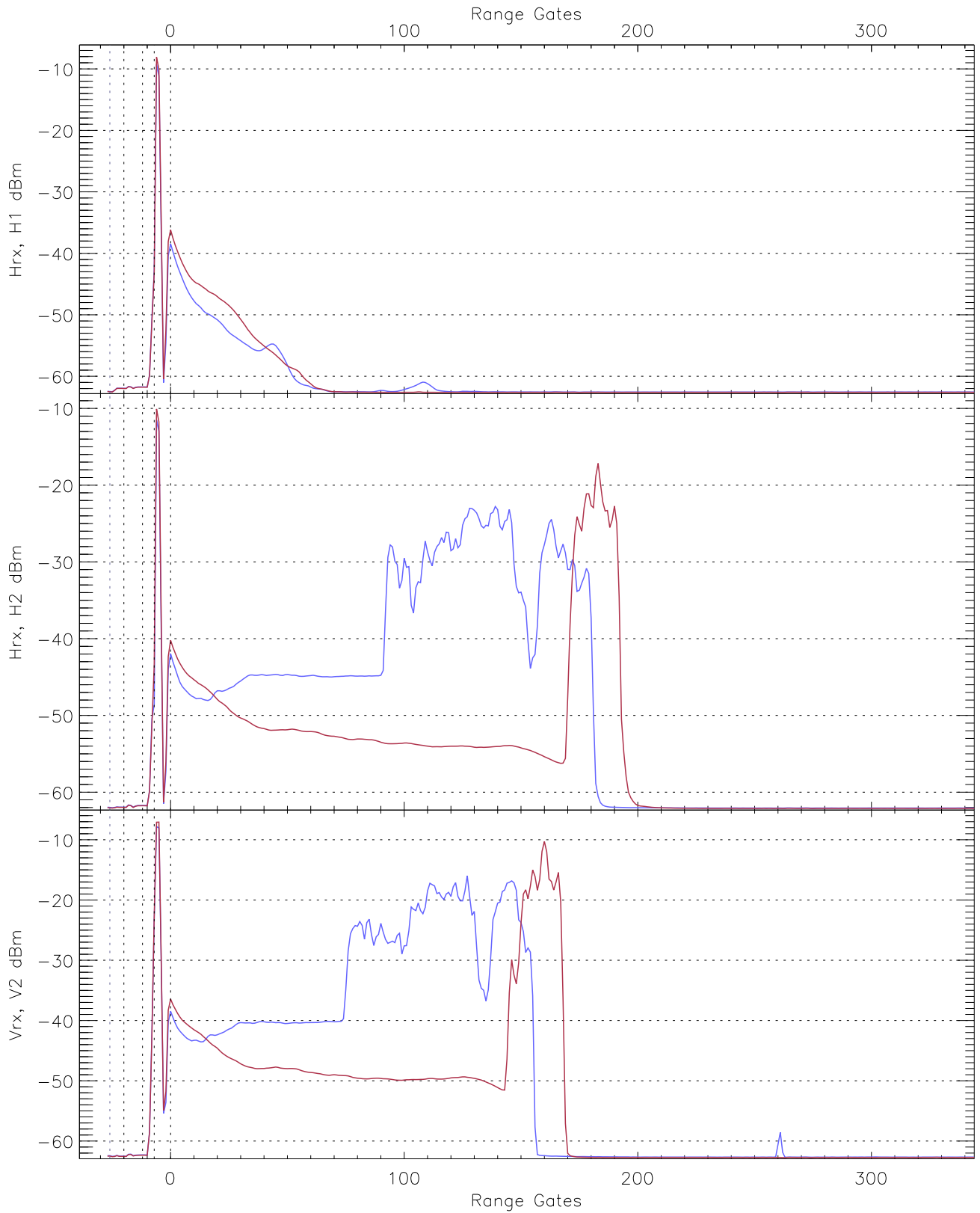
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.43	-61.64	-62.50	-62.50	-75.06
Hrx, H2 (RM [dBm])	-62.99	-61.12	-62.01	-62.01	-74.53
Vrx, V2 (RM [dBm])	-63.53	-61.37	-62.47	-62.47	-74.96

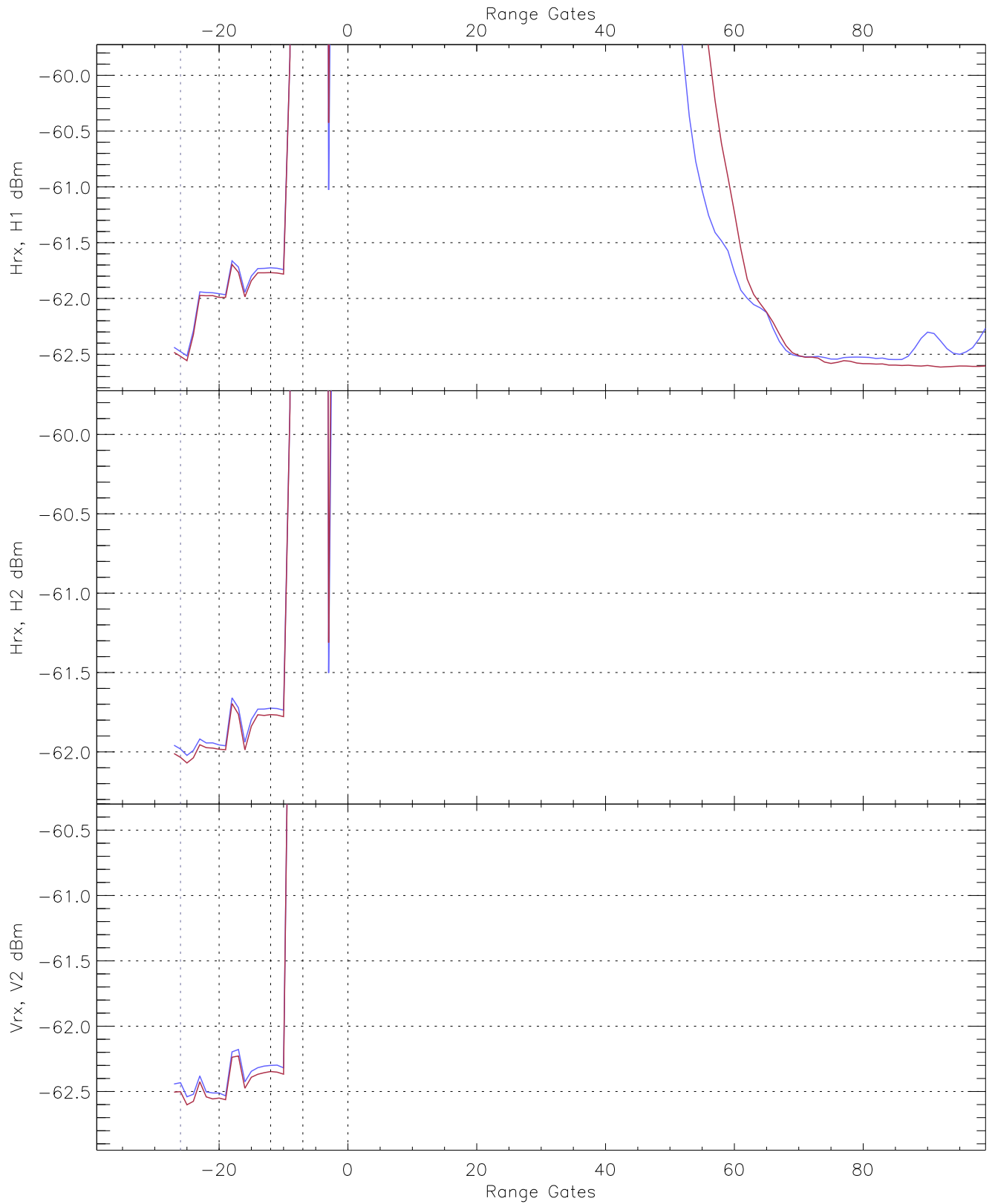


WCR2 CPP "Best" estimate Receivers Noise Power

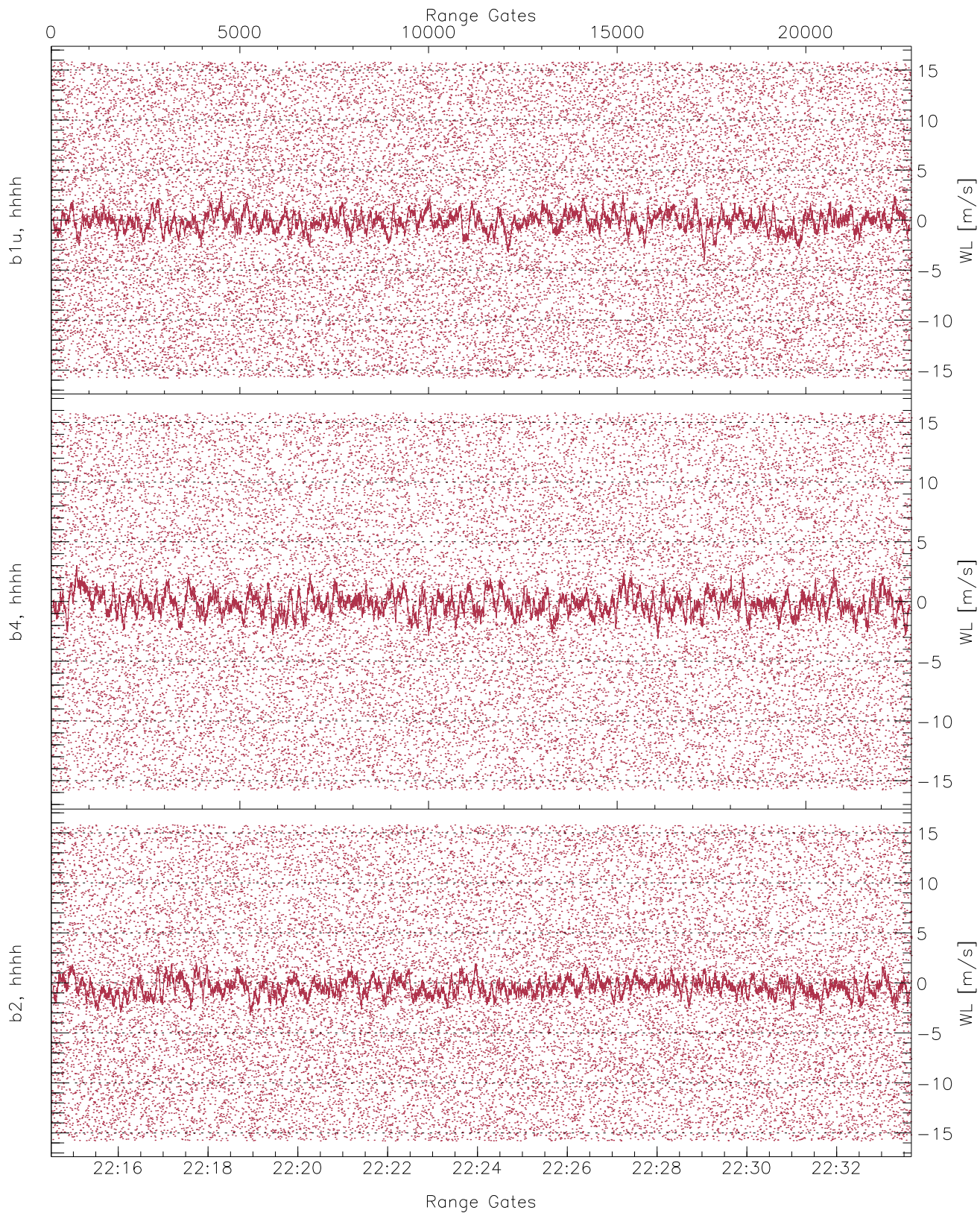
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.58	-61.71	-62.61	-62.61	-75.16
H2RG275_0 [dBm]	-63.04	-61.16	-62.10	-62.11	-74.63
V2RM_0 [dBm]	-63.78	-61.63	-62.72	-62.72	-75.21



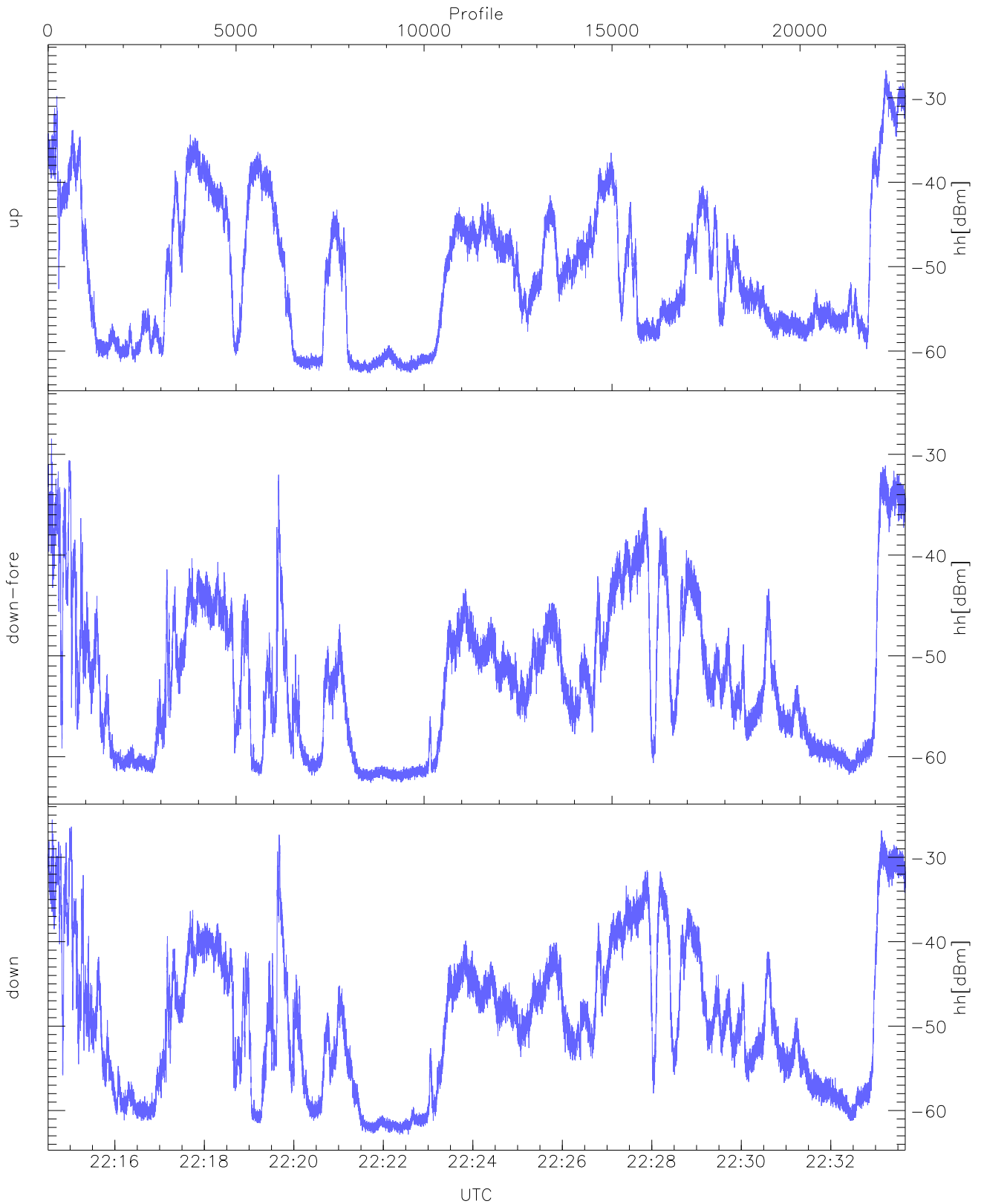
WCR2 CPP Averaged Received power for all recorded gates
blue: 221430-222405, 11401 profiles averaged
red: 222405-223340, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 221430-222405, 11401 profiles averaged
red: 222405-223340, 11400 profiles averaged

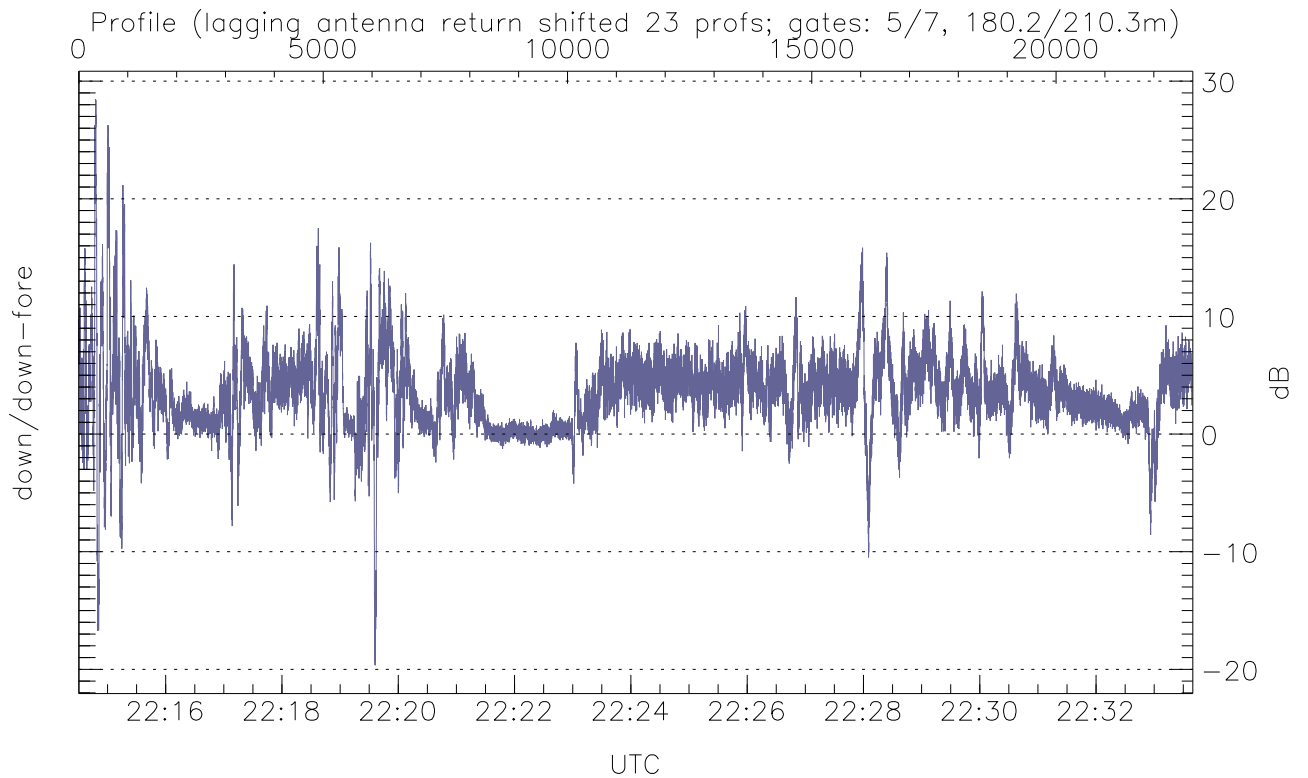
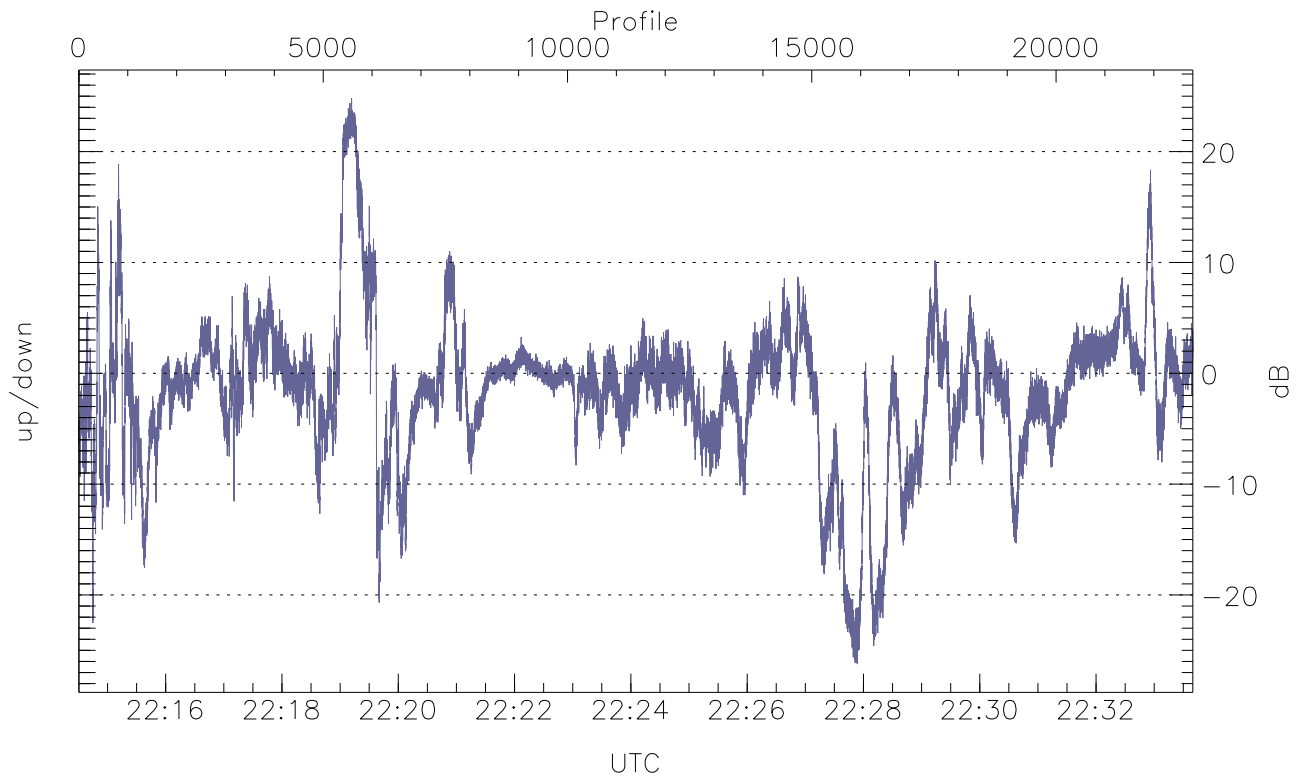


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



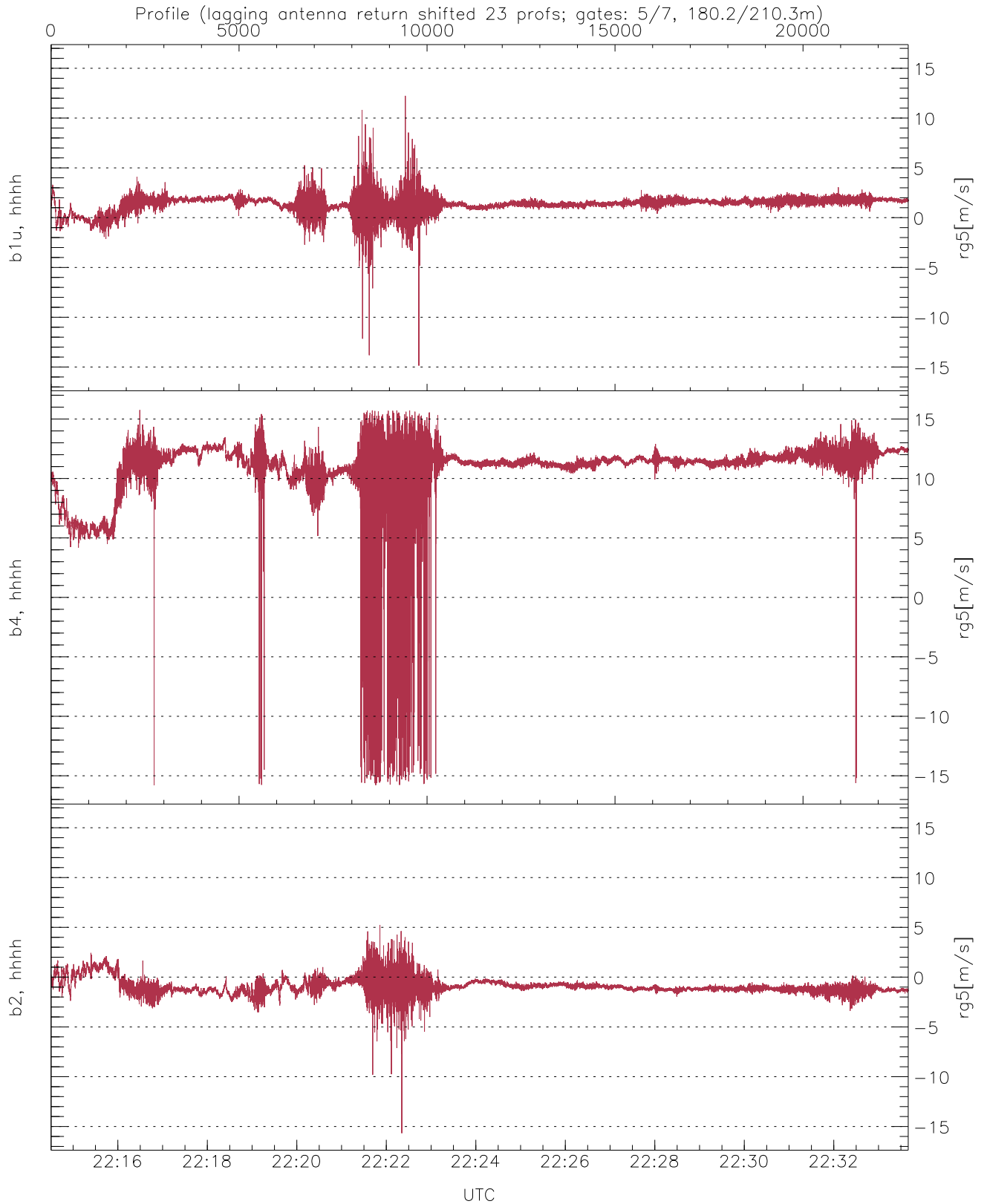
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-62.61	-26.74	-42.65
down-fore(hh[dBm])	-62.59	-28.44	-44.80
down(hh[dBm])	-62.84	-25.55	-40.92



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

	Min	Max	Mean
up/down (dB)	-26.24	24.81	-1.64
down/down-fore (dB)	-19.65	28.44	3.50



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-14.87	12.23	1.34	0.80
b4, hhhh(rg5[m/s])	-15.79	15.75	10.80	2.77
b2, hhhh(rg5[m/s])	-15.68	5.24	-0.92	0.77