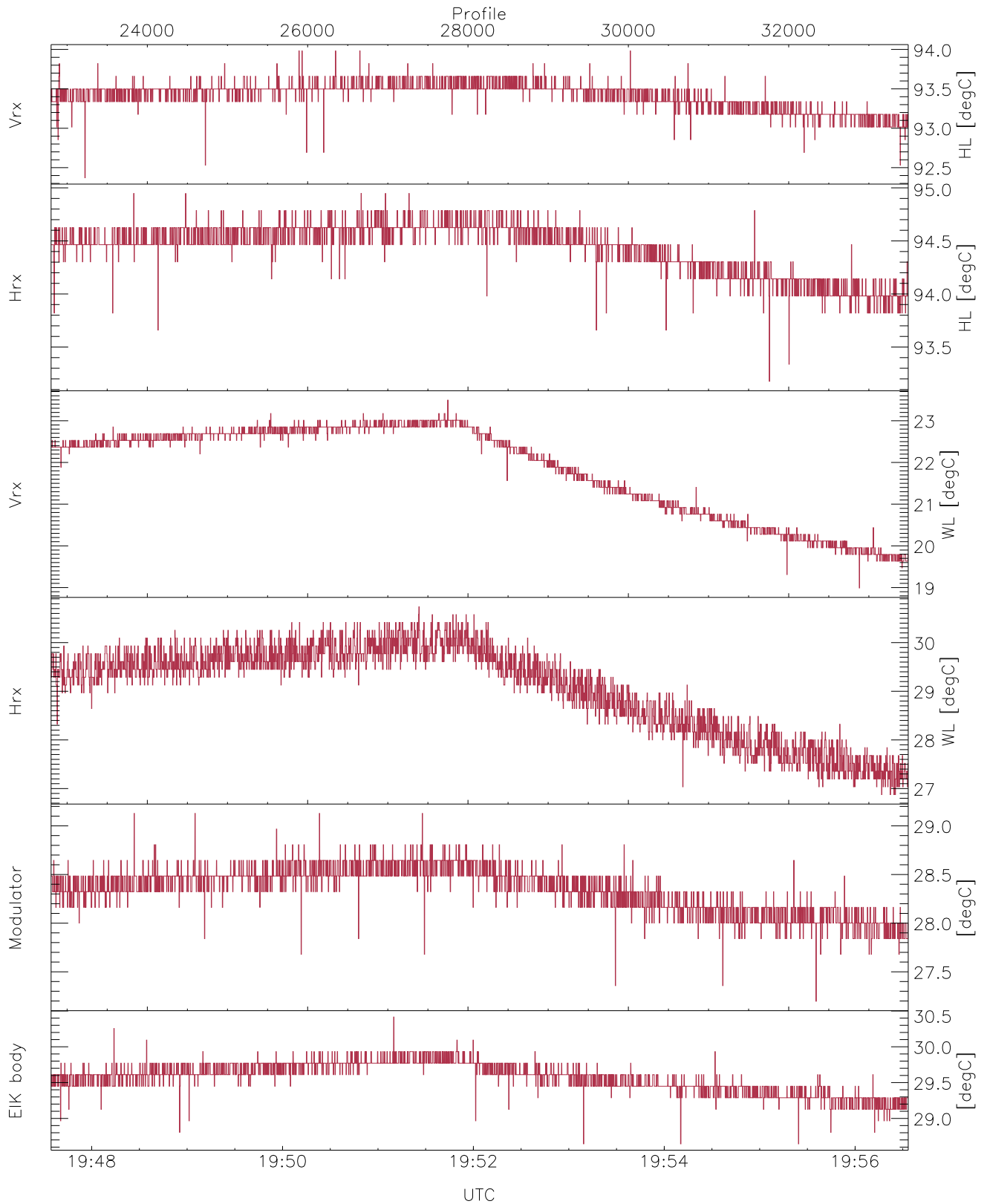


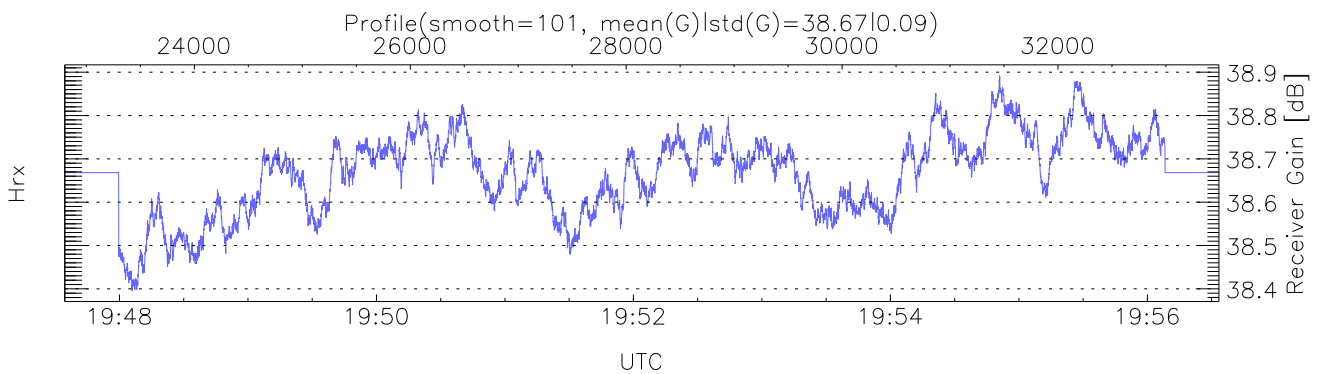
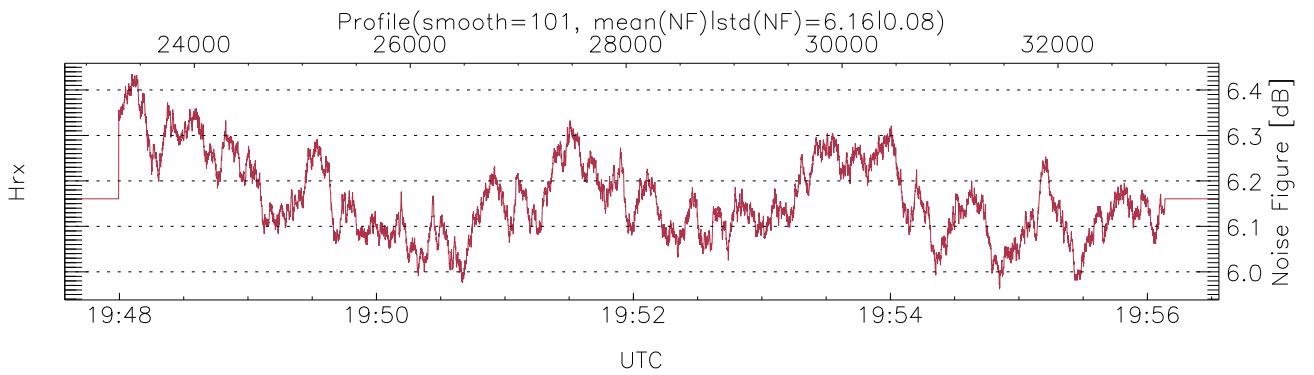
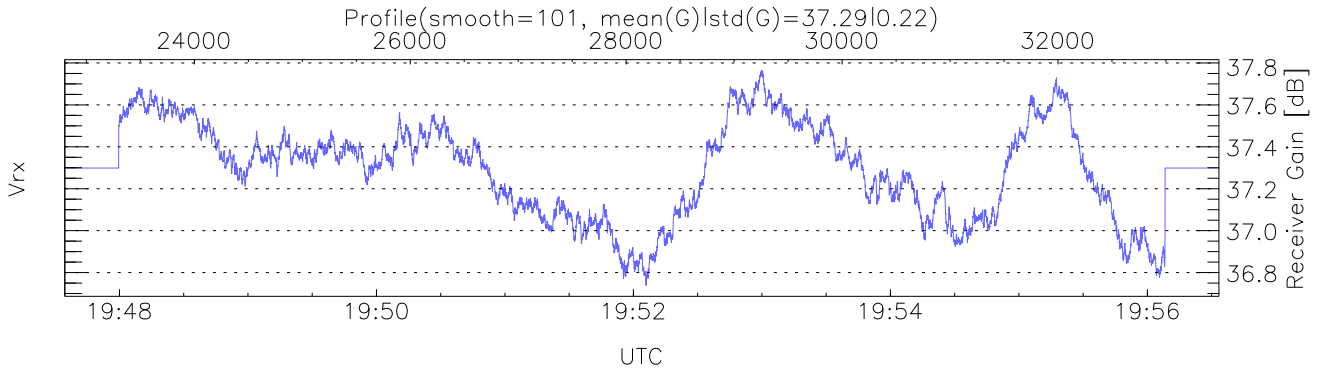
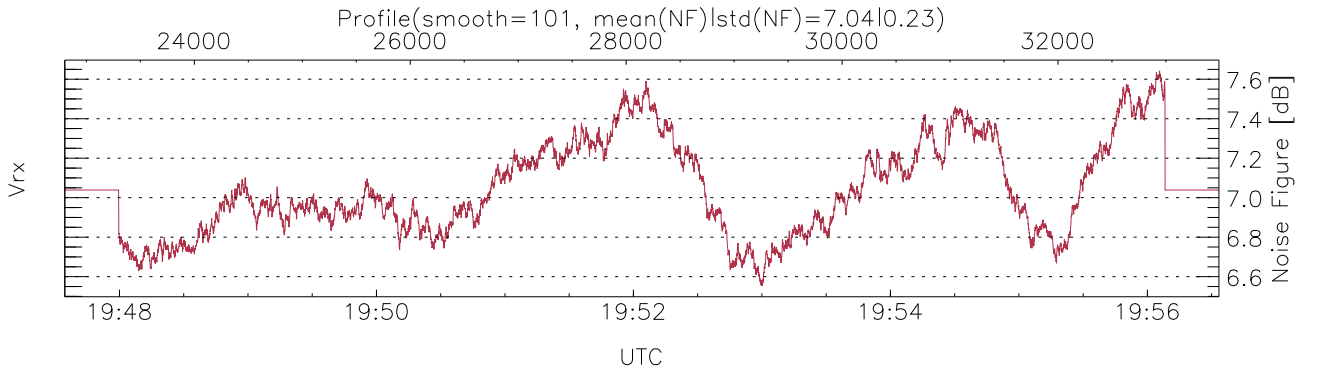
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:28:25-19:56:33, Dur: 1688.37s
 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): 10692/33492, 22800-33491/19:47:34-19:56:33
 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



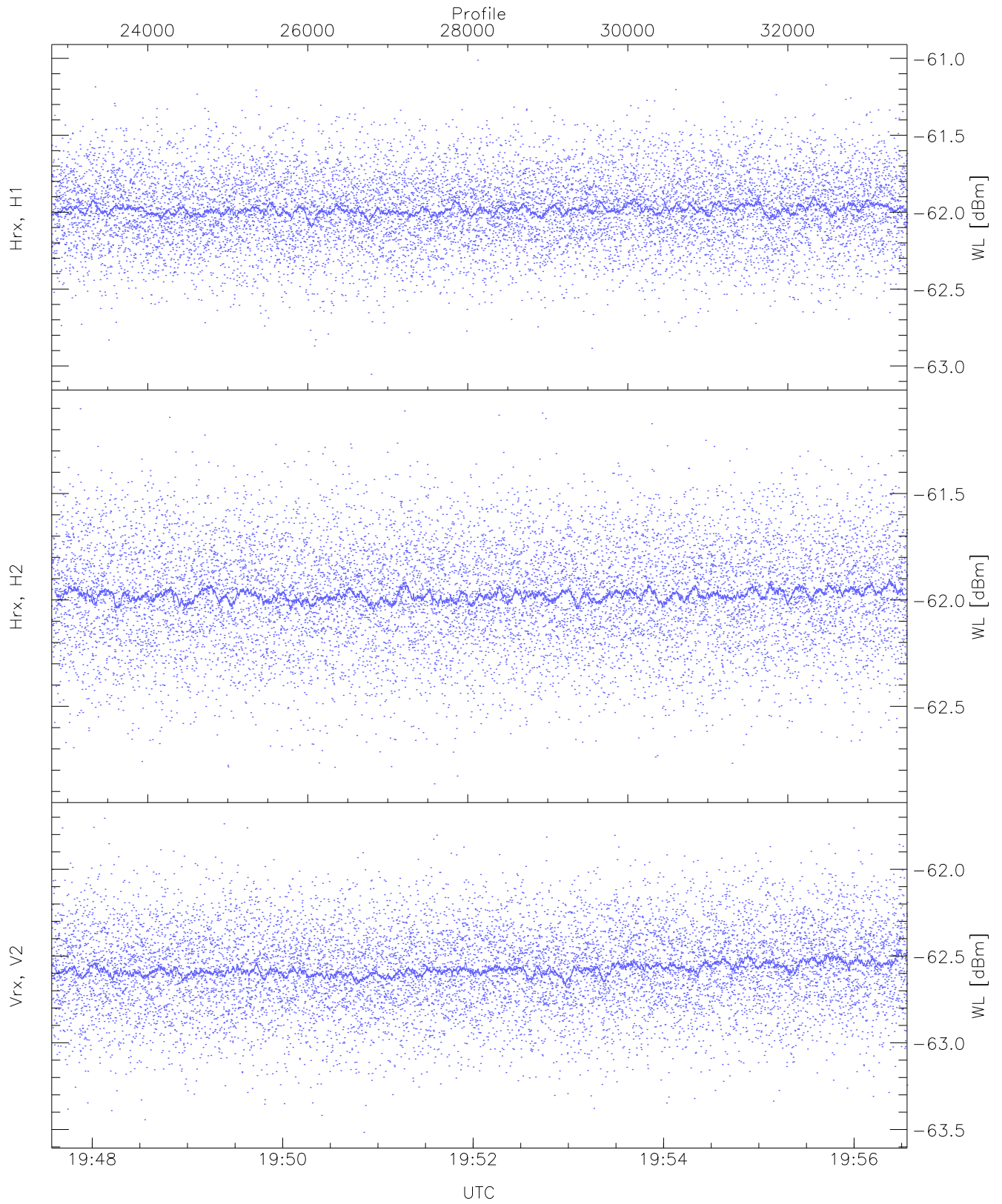
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,18,26,27,28
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,23,30,29,30
 LOalarm(20,80,240,2.8,14.8 MHz): None
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty (16,16,16,16,16)



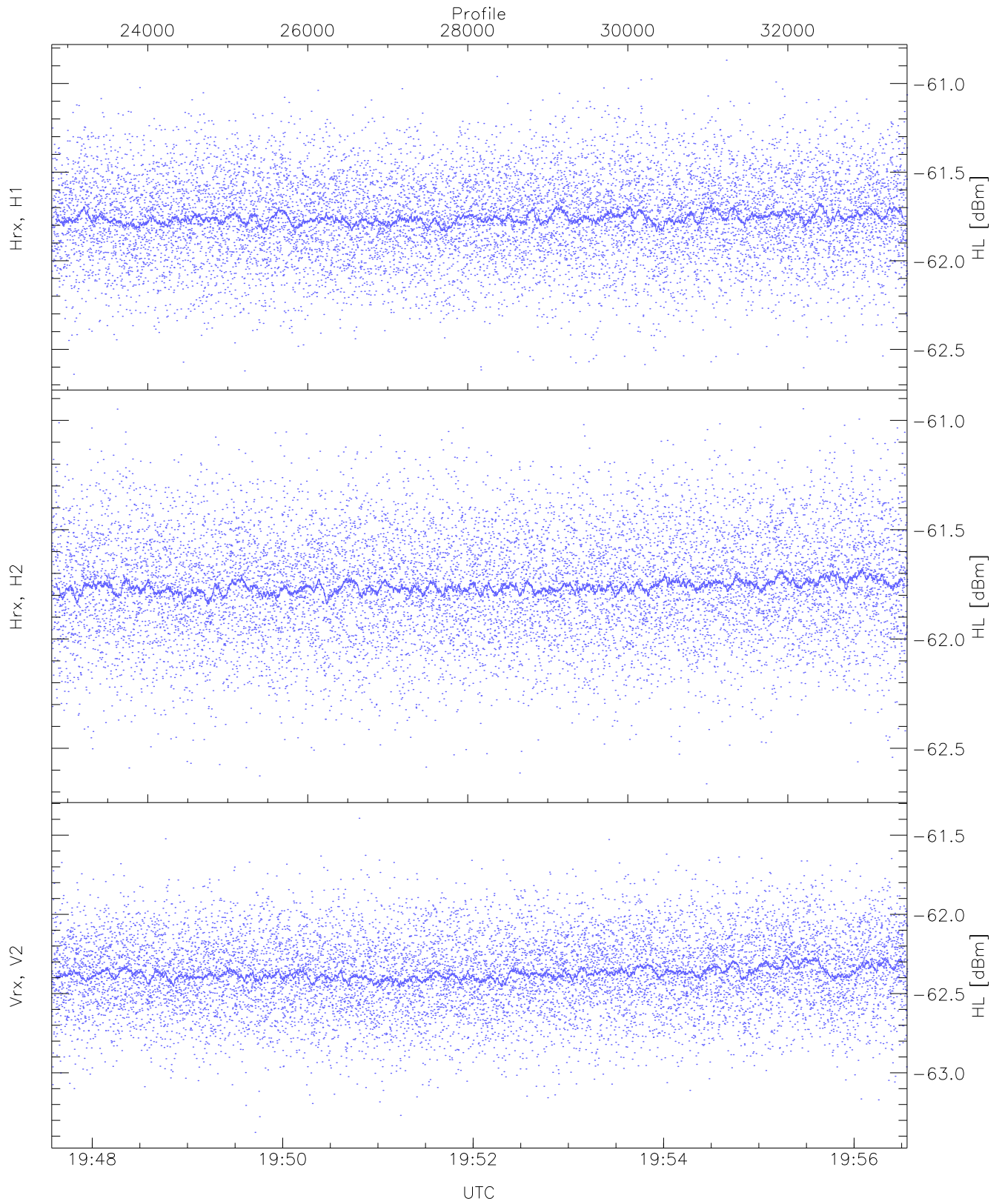
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 3713 pixs, 21 gates, 3701 profs, 1 prods



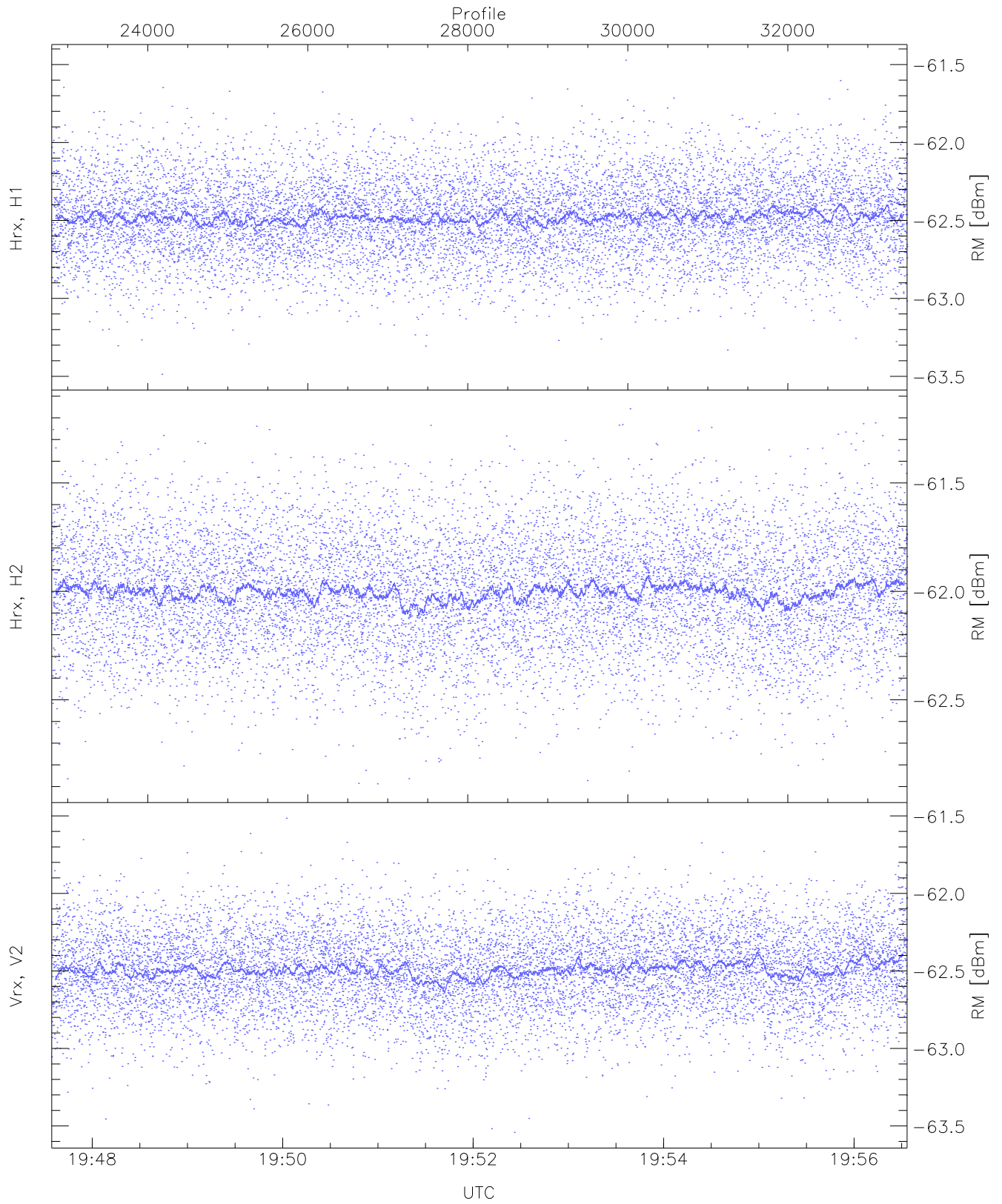
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.05	-61.01	-61.98	-61.98	-74.56
Hrx, H2 (WL [dBm])	-62.86	-61.10	-61.97	-61.98	-74.52
Vrx, V2 (WL [dBm])	-63.52	-61.71	-62.57	-62.58	-75.15



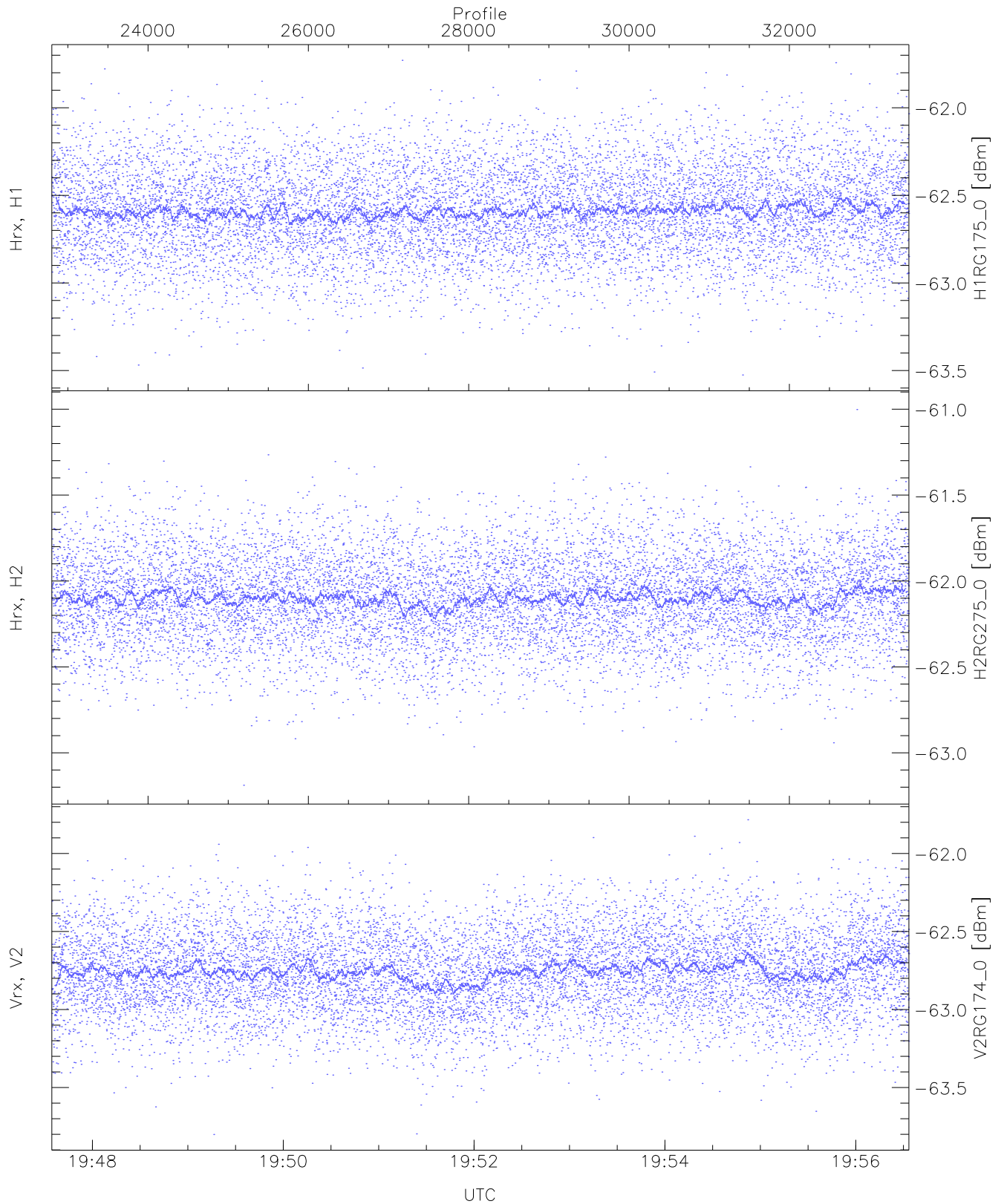
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.64	-60.87	-61.76	-61.76	-74.29
Hrx, H2 (HL [dBm])	-62.66	-60.95	-61.76	-61.76	-74.29
Vrx, V2 (HL [dBm])	-63.38	-61.39	-62.37	-62.37	-74.90



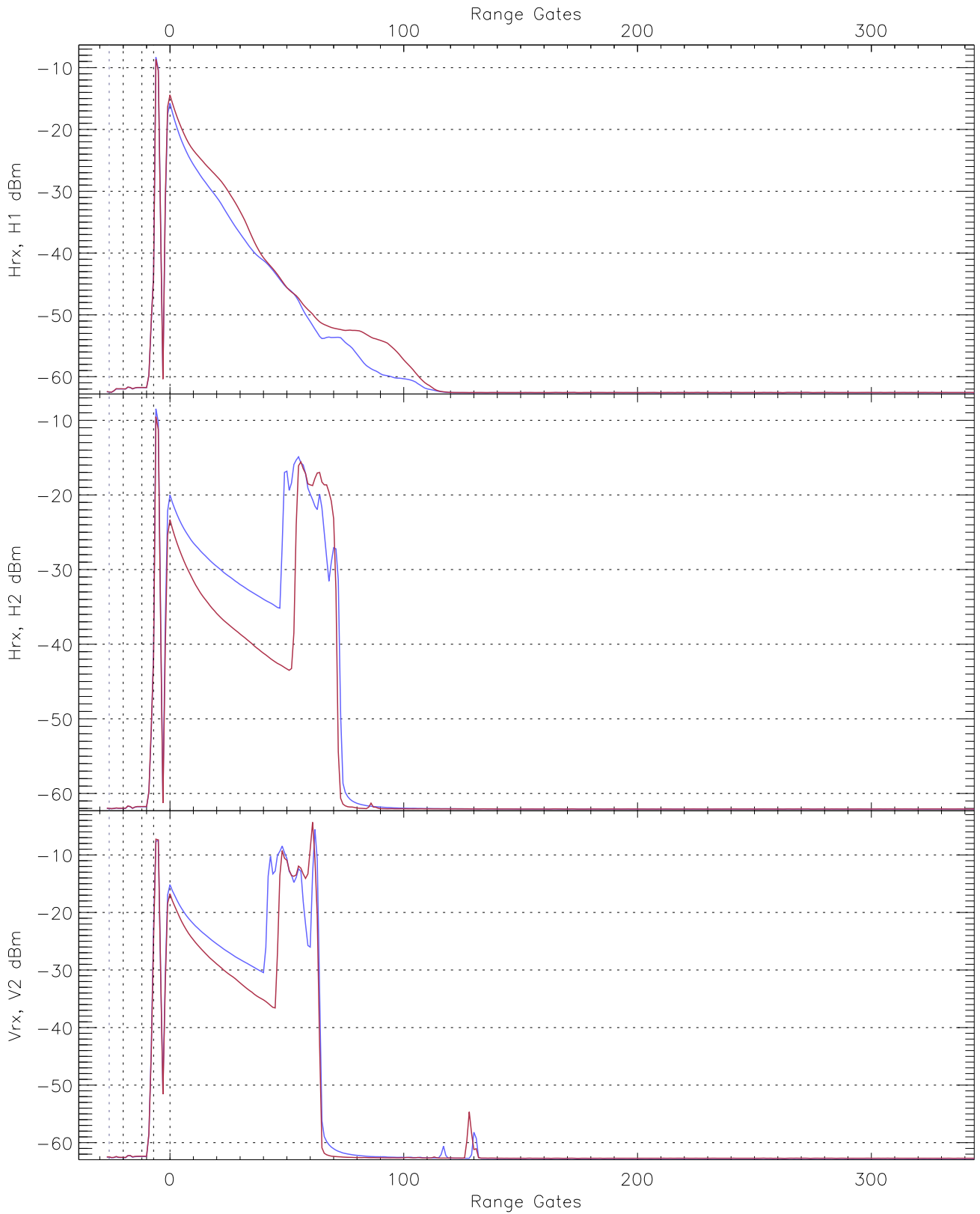
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.49	-61.47	-62.48	-62.48	-75.03
Hrx, H2 (RM [dBm])	-62.89	-61.16	-62.00	-62.01	-74.51
Vrx, V2 (RM [dBm])	-63.54	-61.52	-62.49	-62.49	-75.07

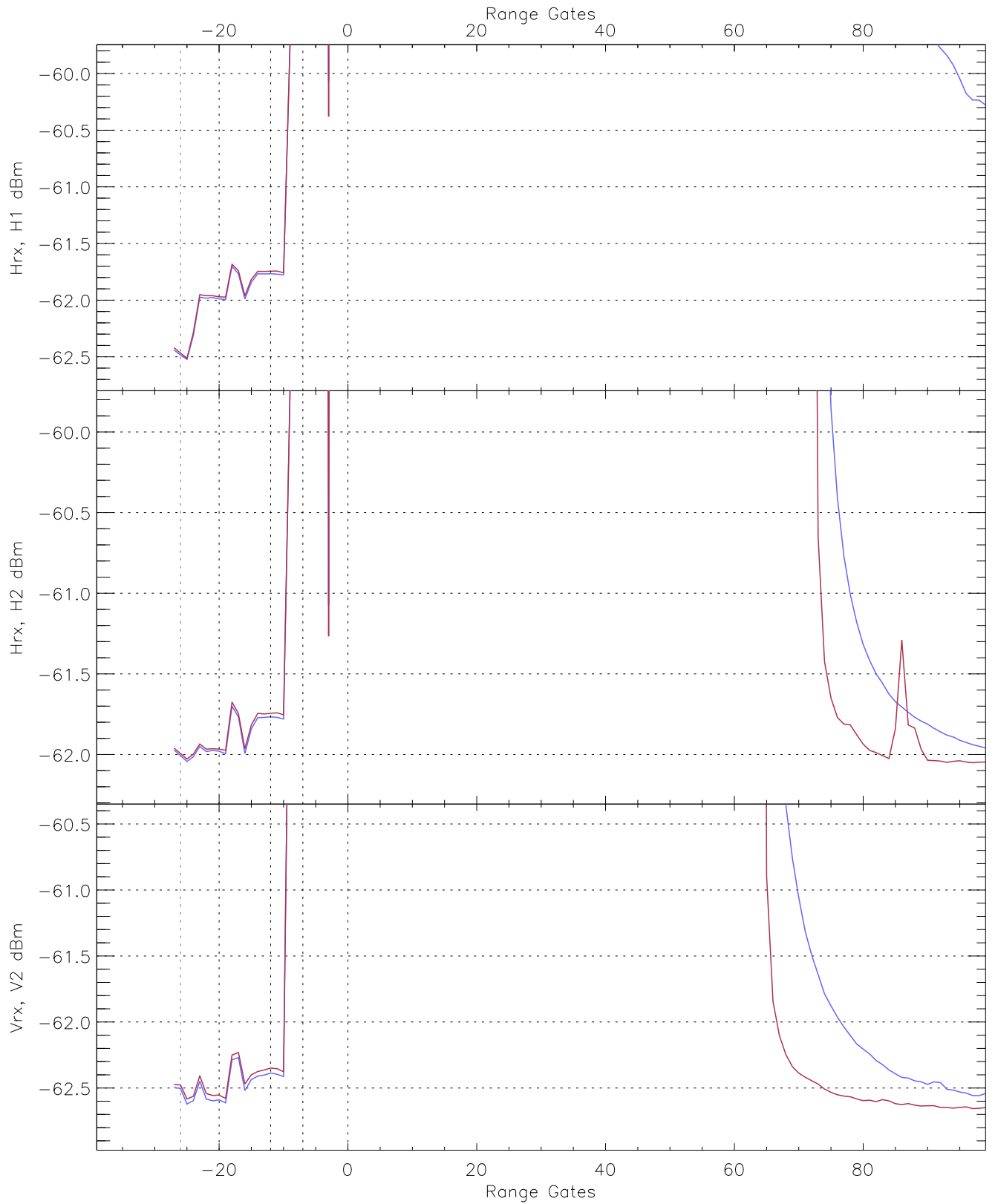


WCR2 CPP "Best" estimate Receivers Noise Power

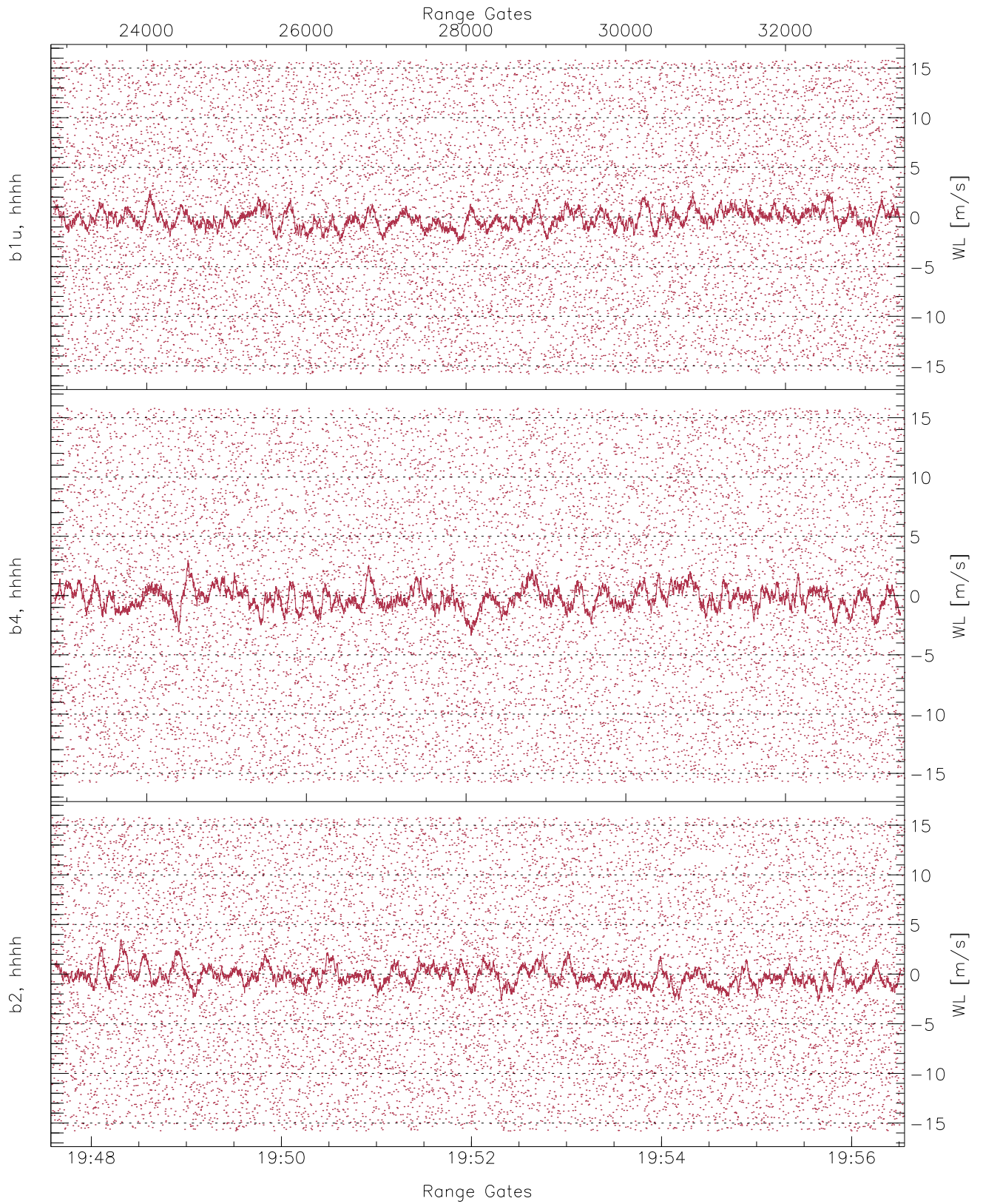
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.53	-61.73	-62.59	-62.59	-75.12
H2RG275_0 [dBm]	-63.19	-61.00	-62.10	-62.10	-74.65
V2RG174_0 [dBm]	-63.80	-61.78	-62.75	-62.76	-75.21



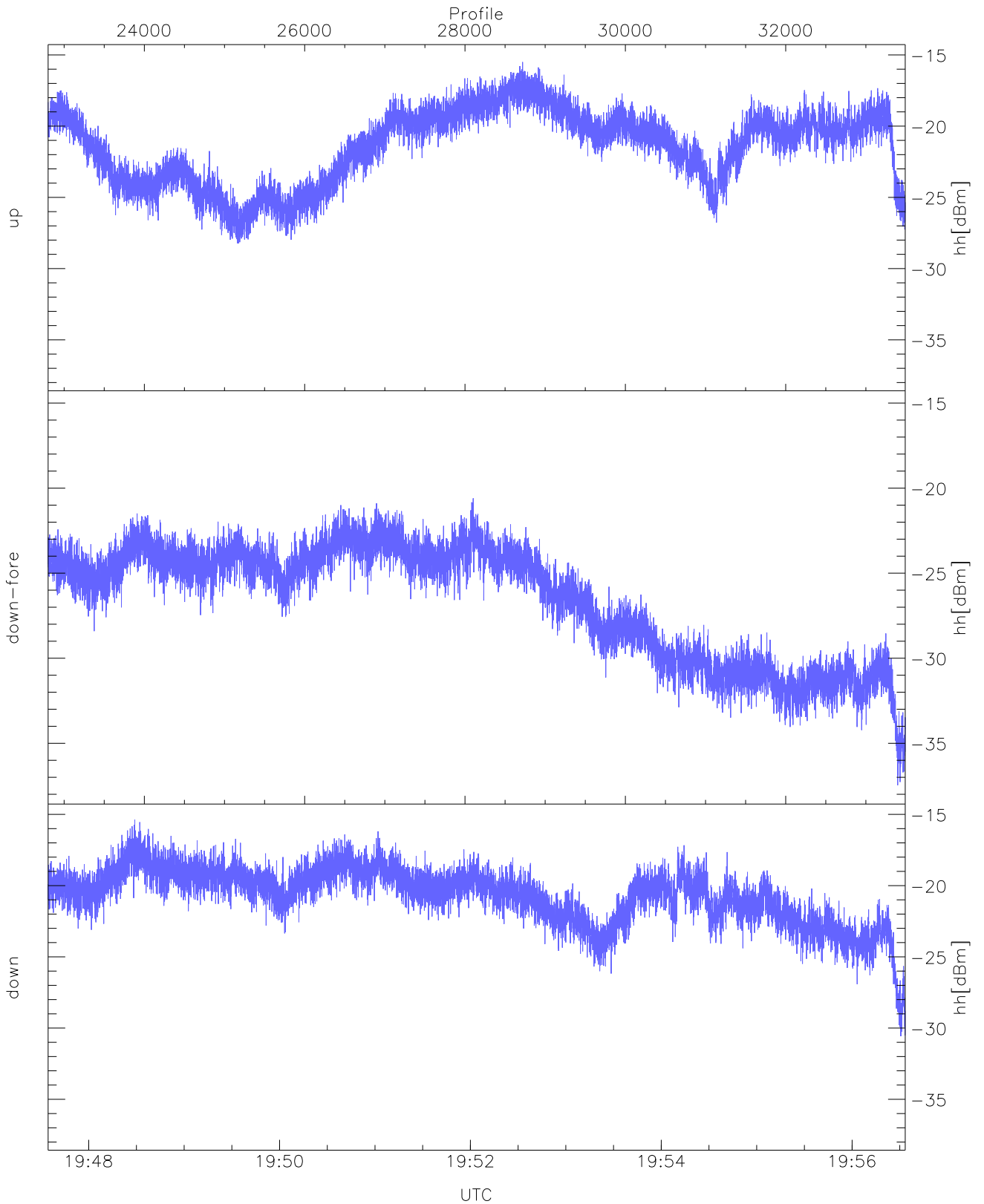
WCR2 CPP Averaged Received power for all recorded gates
blue: 194734-195204, 5347 profiles averaged
red: 195204-195633, 5346 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 194734-195204, 5347 profiles averaged
red: 195204-195633, 5346 profiles averaged

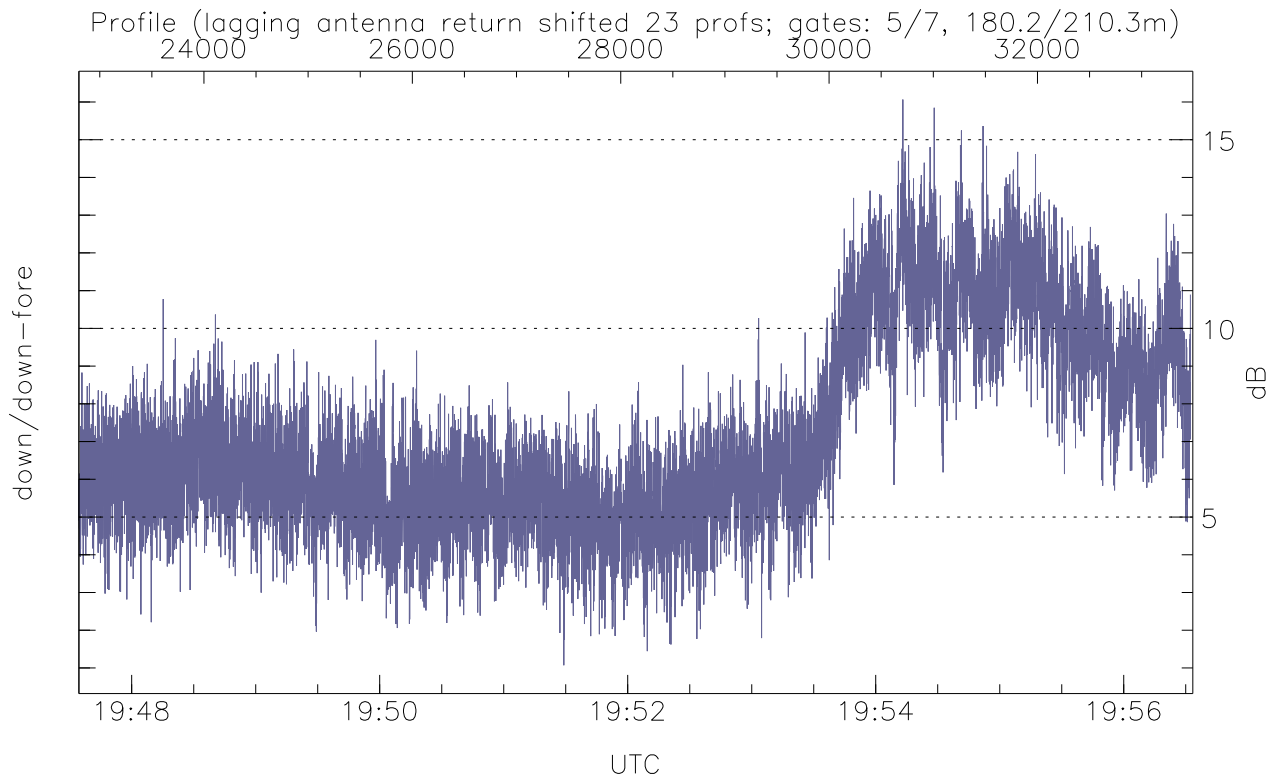
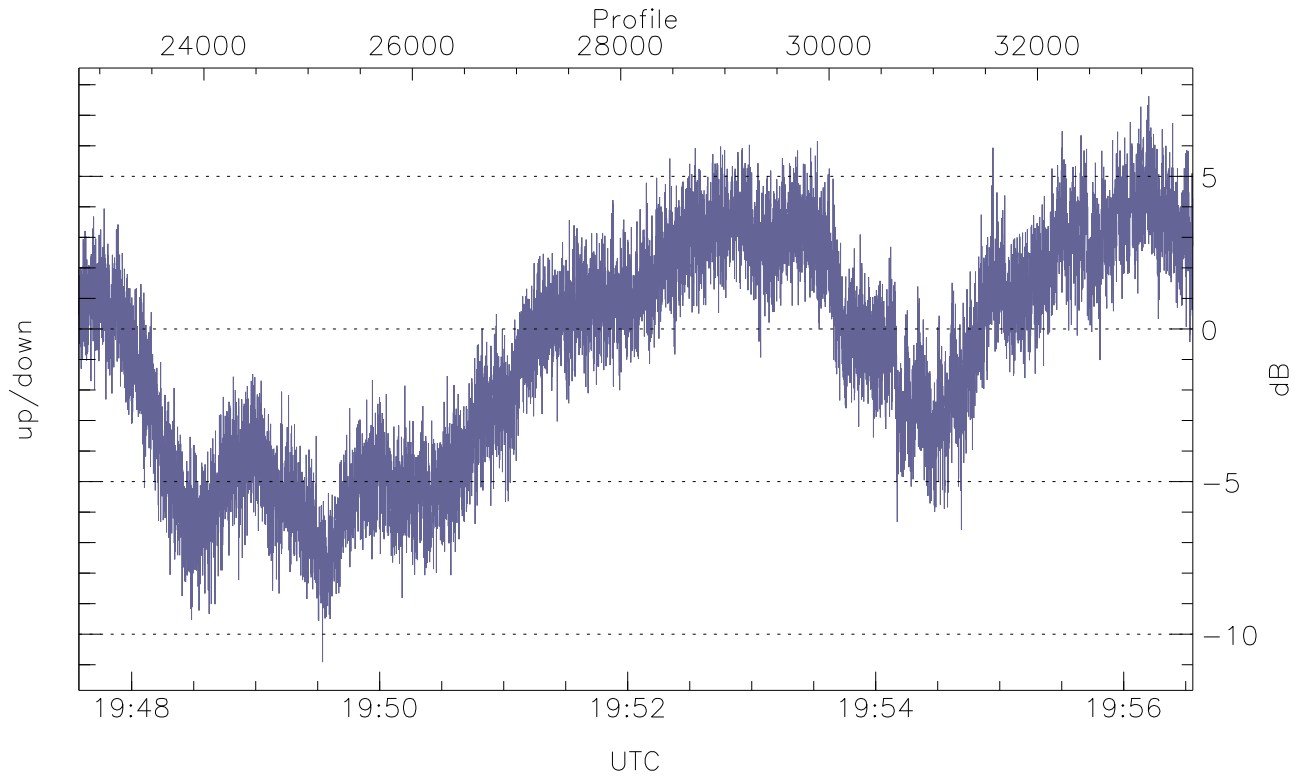


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



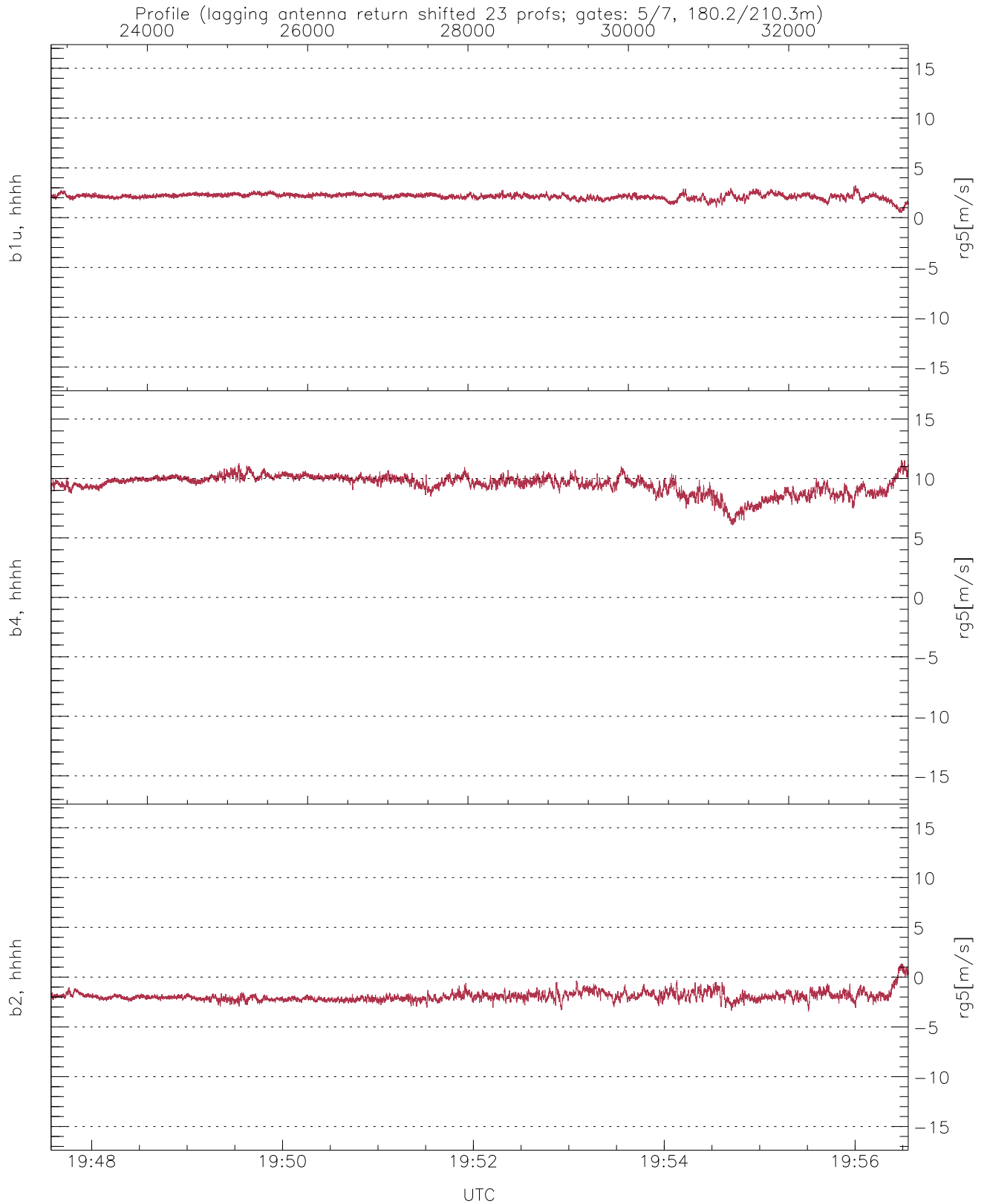
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-28.24	-15.50	-20.74
down-fore(hh[dBm])	-37.47	-20.60	-25.55
down(hh[dBm])	-30.57	-15.38	-20.30



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

	Min	Max	Mean
up/down (dB)	-10.91	7.62	-0.74
down/down-fore (dB)	1.07	16.07	7.21



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.46	3.25	2.13	0.28
b4, hhhh(rg5[m/s])	6.08	11.55	9.48	0.79
b2, hhhh(rg5[m/s])	-3.43	1.34	-1.92	0.49