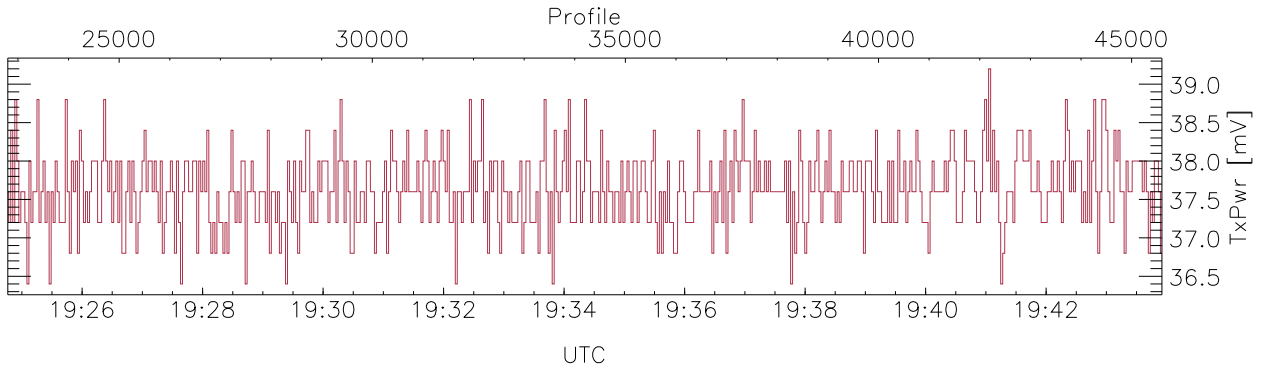
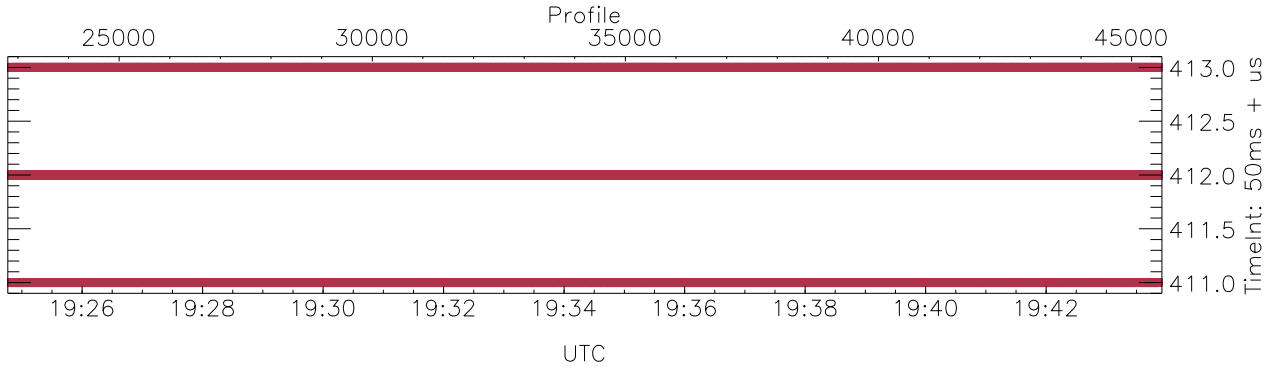
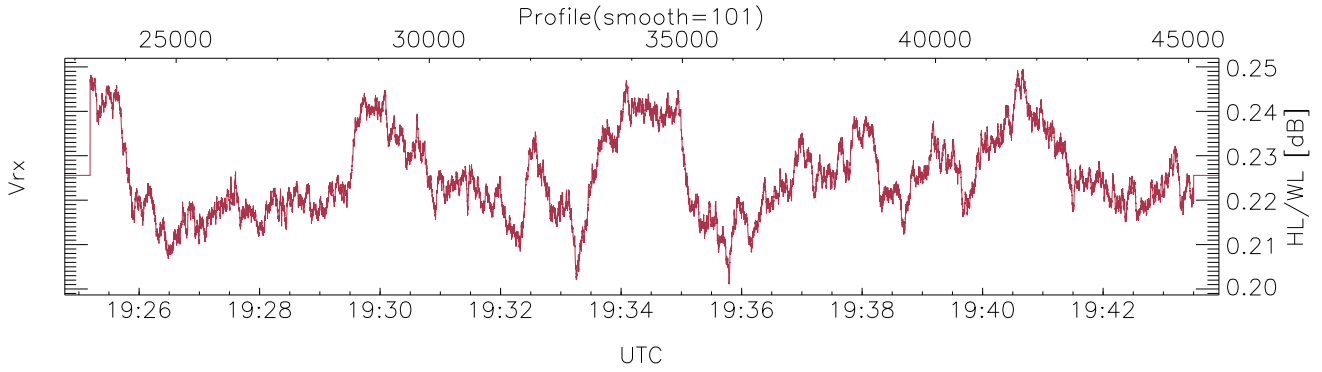
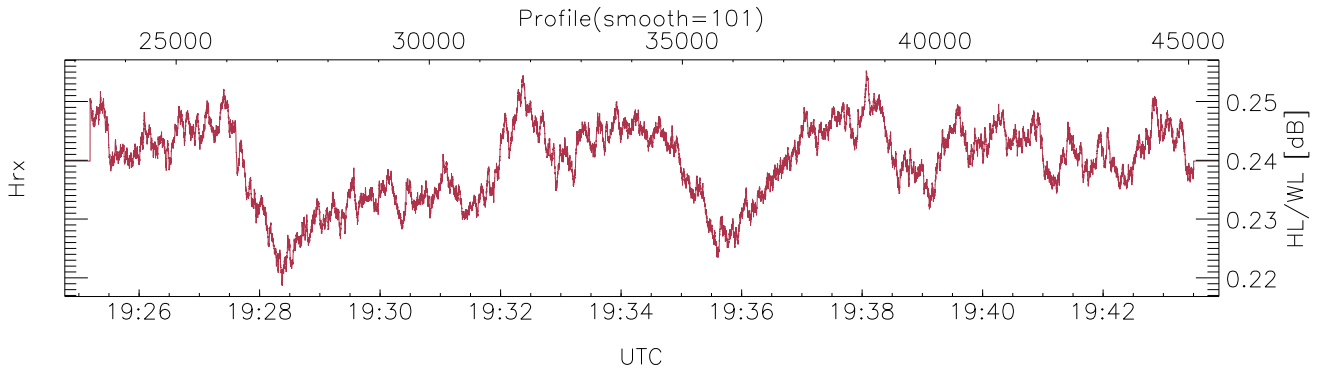


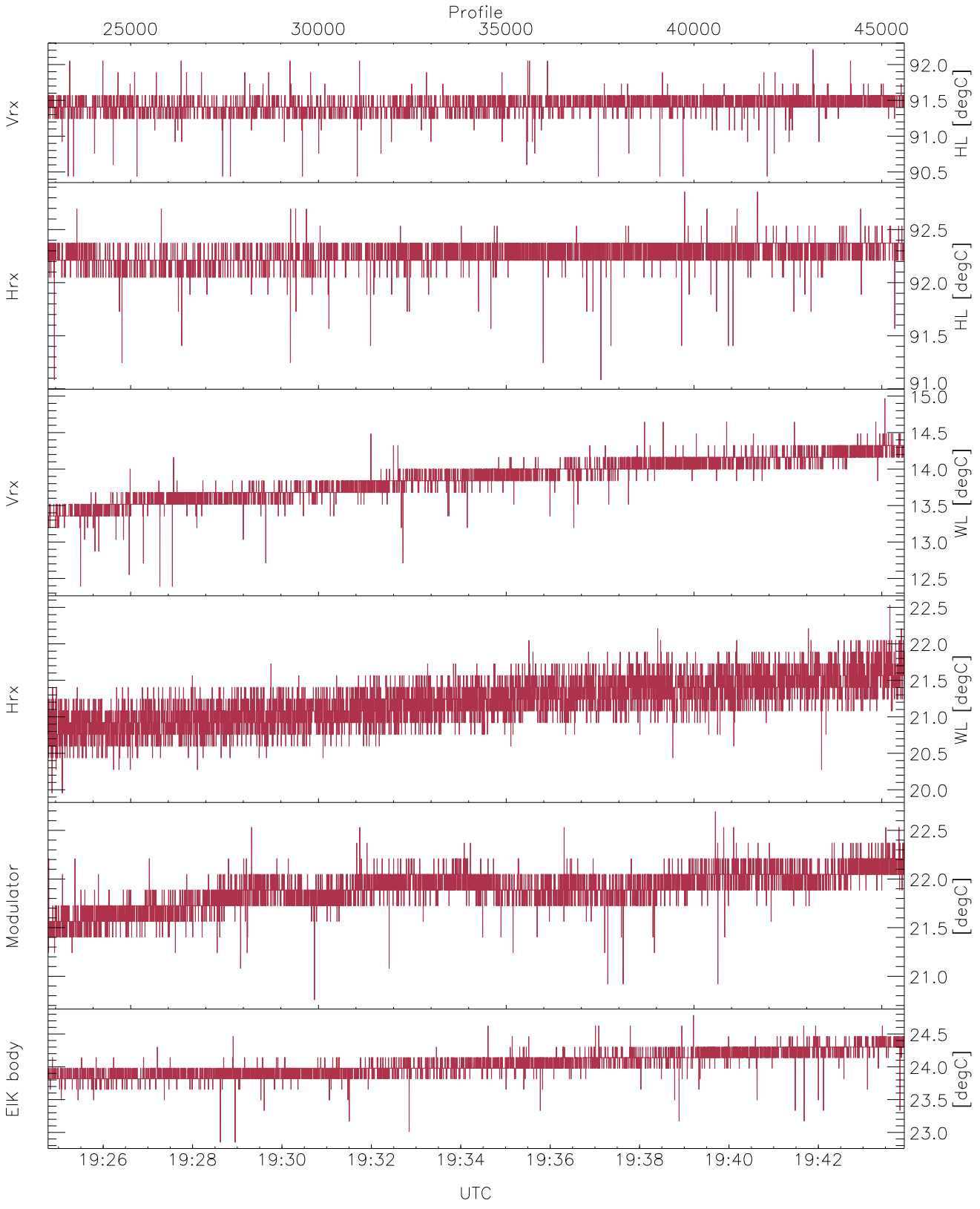






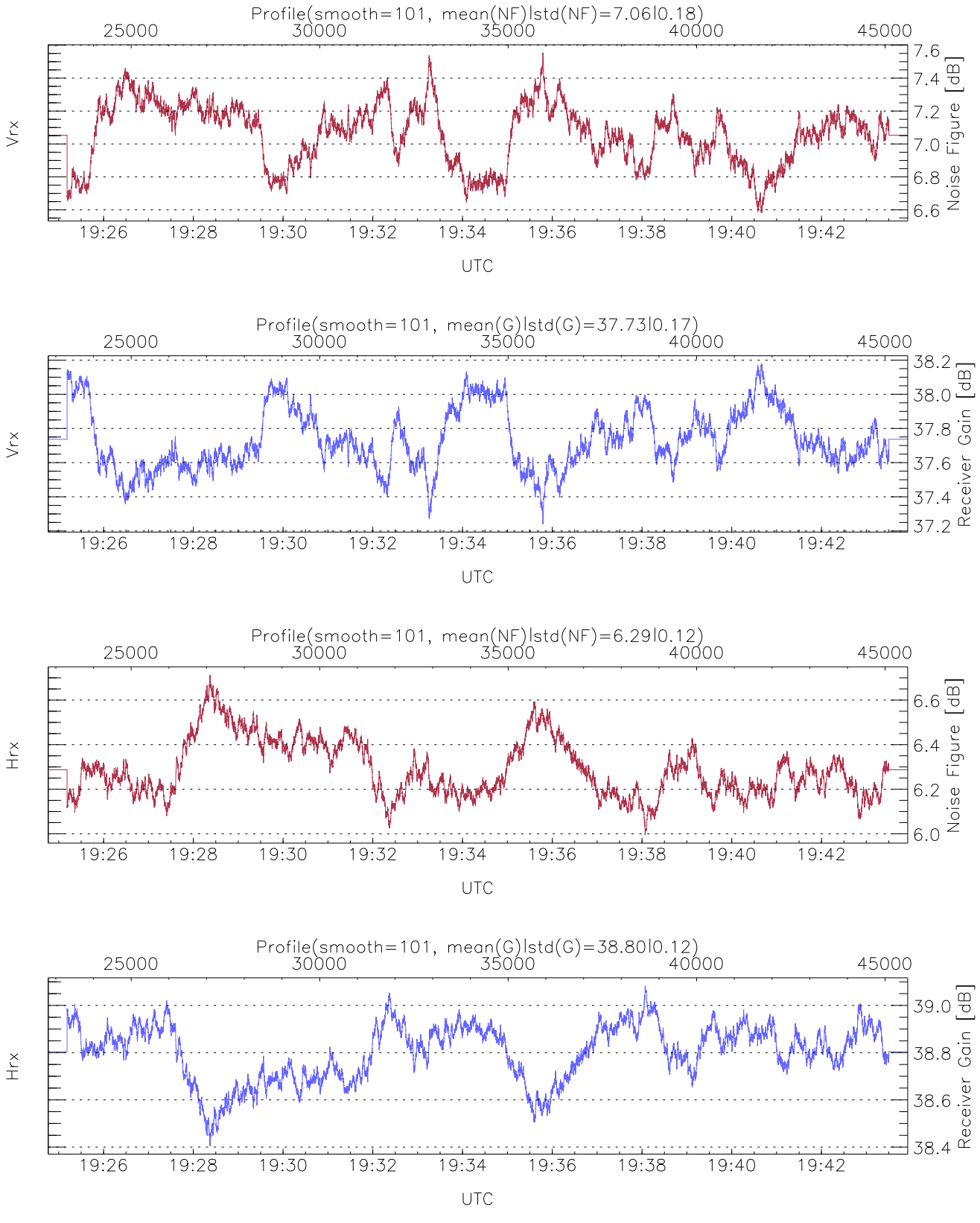
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:05:37-19:58:33, Dur: 3176.50s
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): 22800/63011, 22800-45599/19:24:46-19:43:55
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,rgs): 105,5271,15.0 m, Gates: 345, Aspect: 3.3
Mirror(-9|0|1|2,3,9x = no mirror|sideup|error): 1



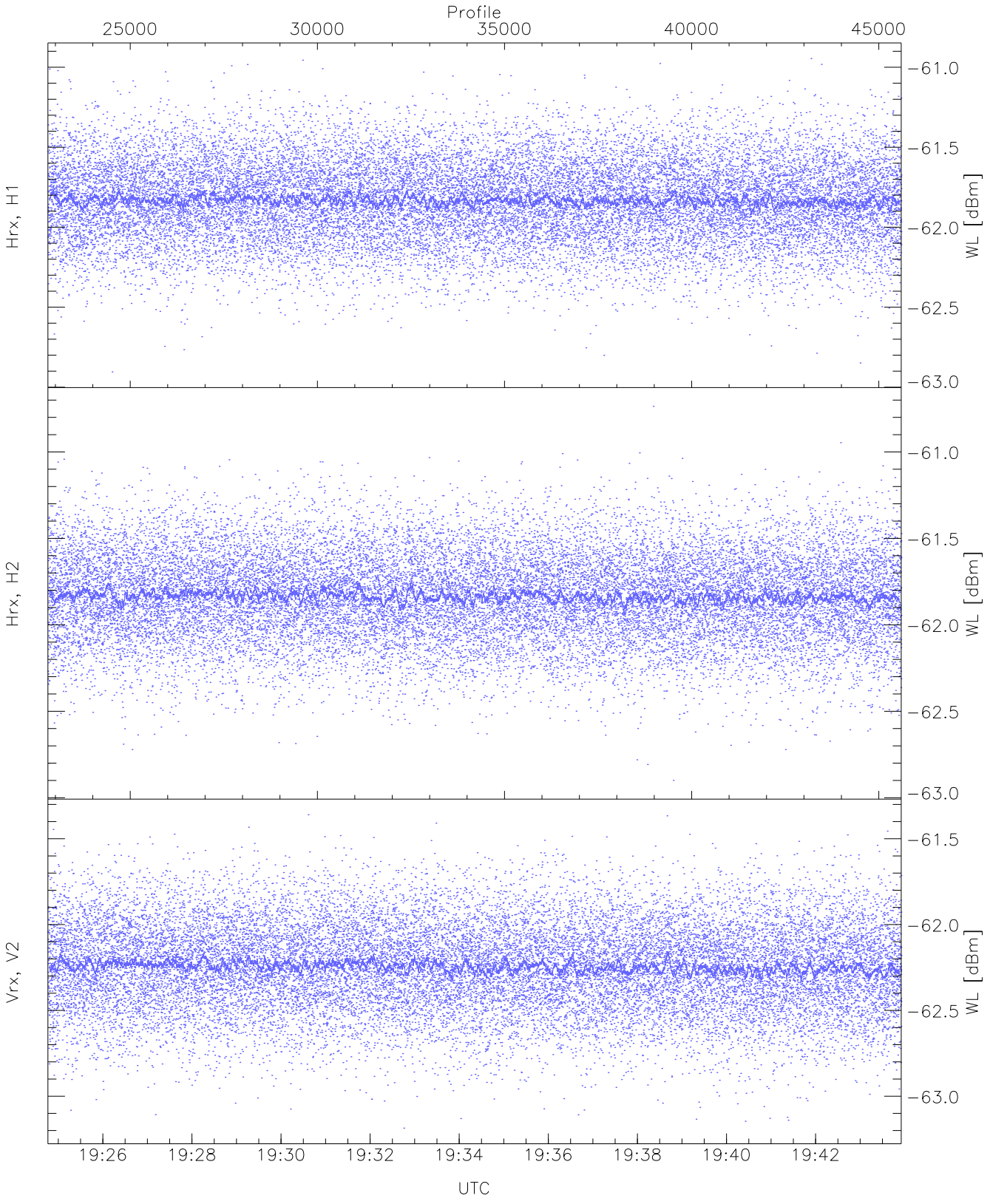
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,12,19,20,22
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,92,14,22,22,24
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (16,16,16,16,16,10)



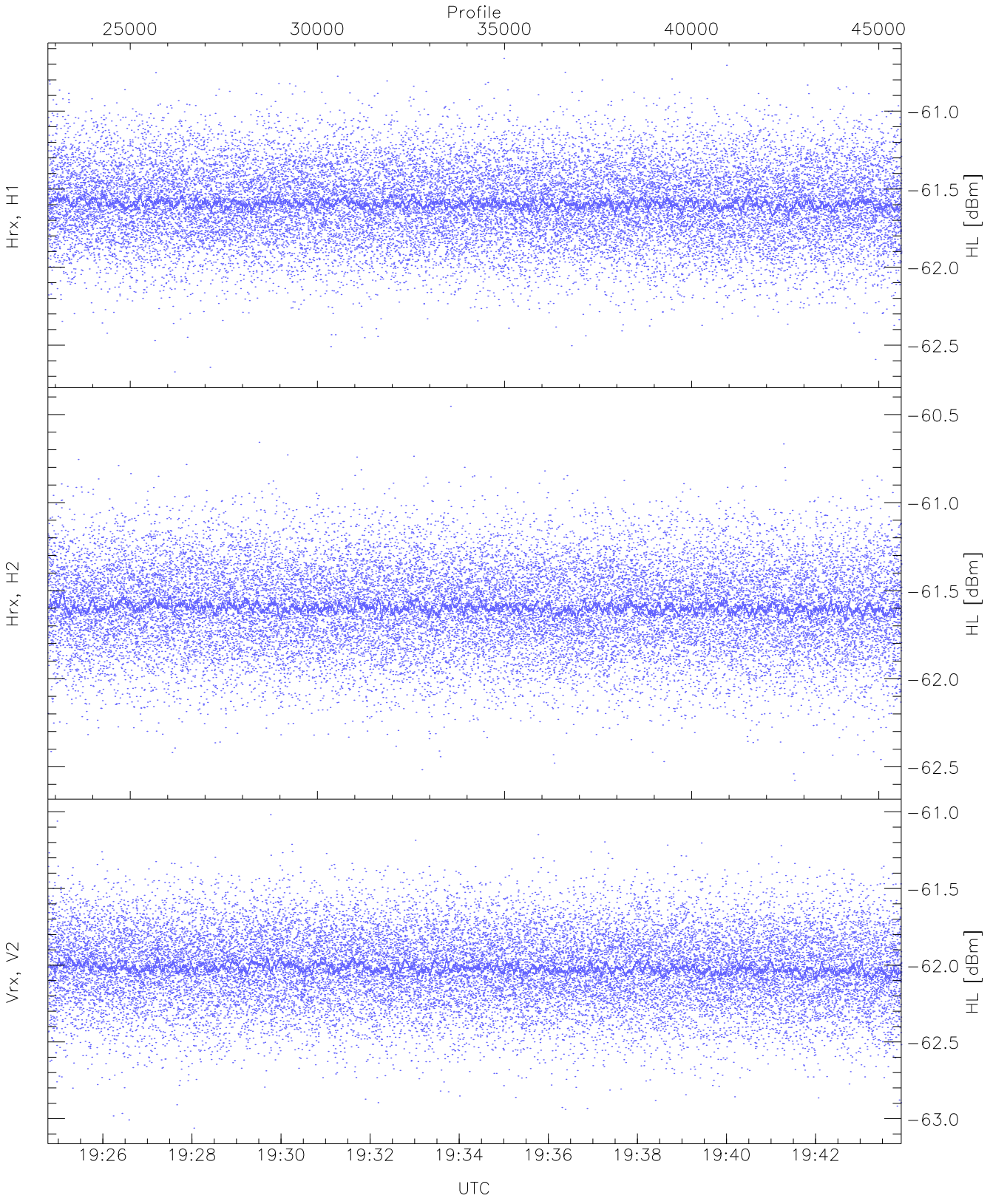
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 2926 pixs, 46 gates, 2856 profs, 2 prods



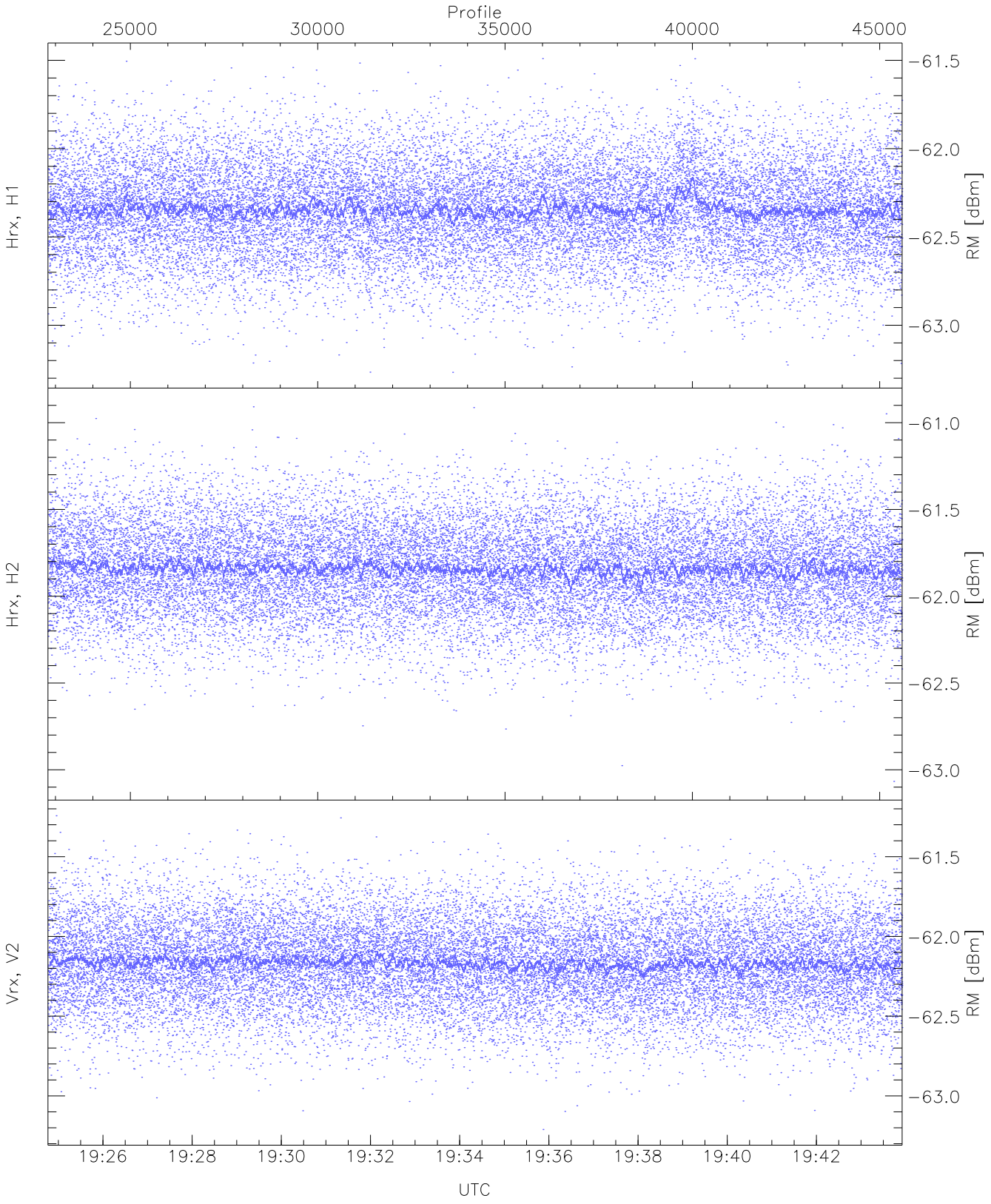
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.90	-60.95	-61.83	-61.83	-74.40
Hrx, H2(WL [dBm])	-62.90	-60.74	-61.83	-61.84	-74.39
Vrx, V2(WL [dBm])	-63.19	-61.36	-62.24	-62.24	-74.78



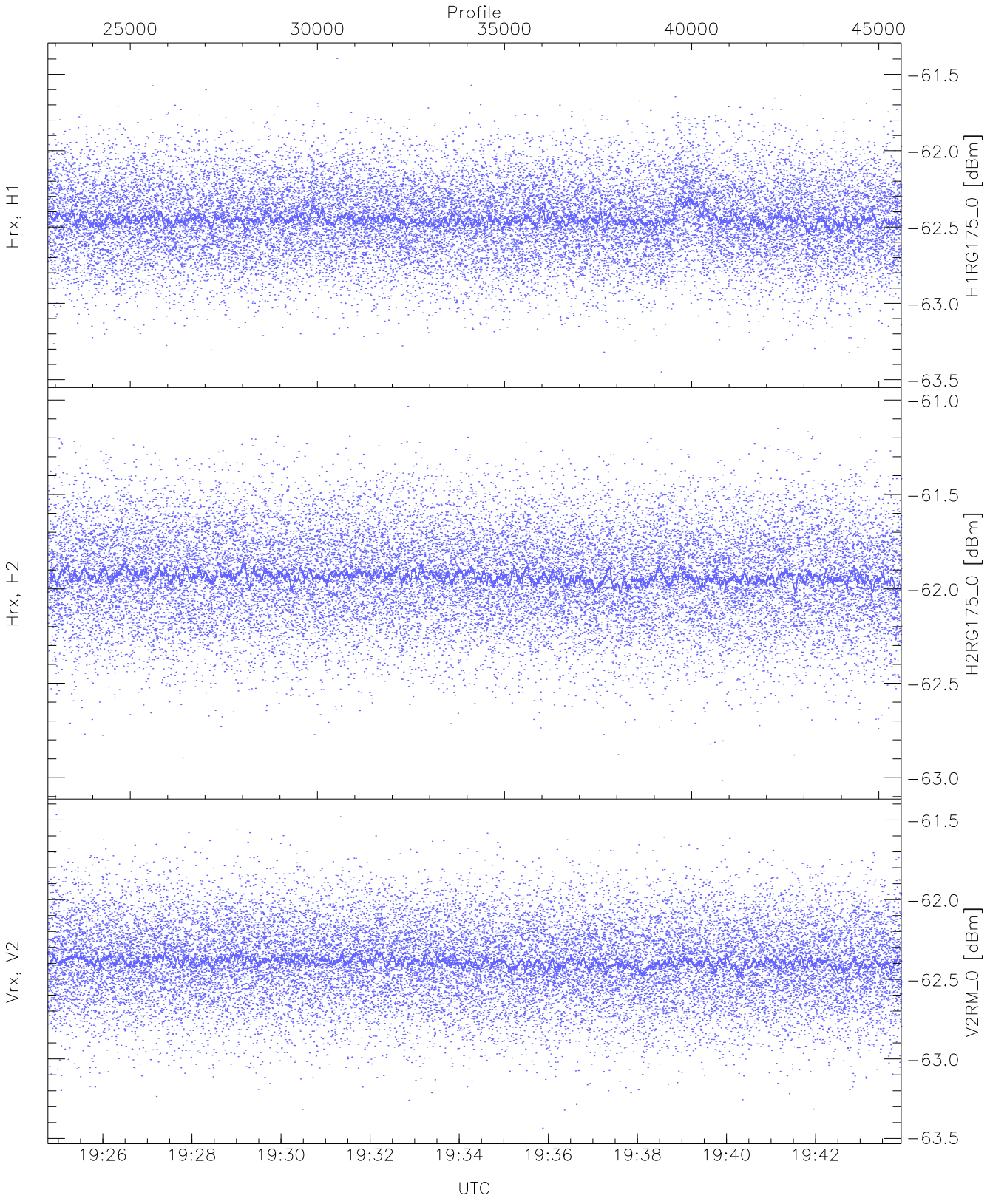
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.67	-60.66	-61.59	-61.60	-74.15
Hrx, H2(HL [dBm])	-62.58	-60.45	-61.59	-61.60	-74.17
Vrx, V2(HL [dBm])	-63.06	-61.02	-62.02	-62.02	-74.57



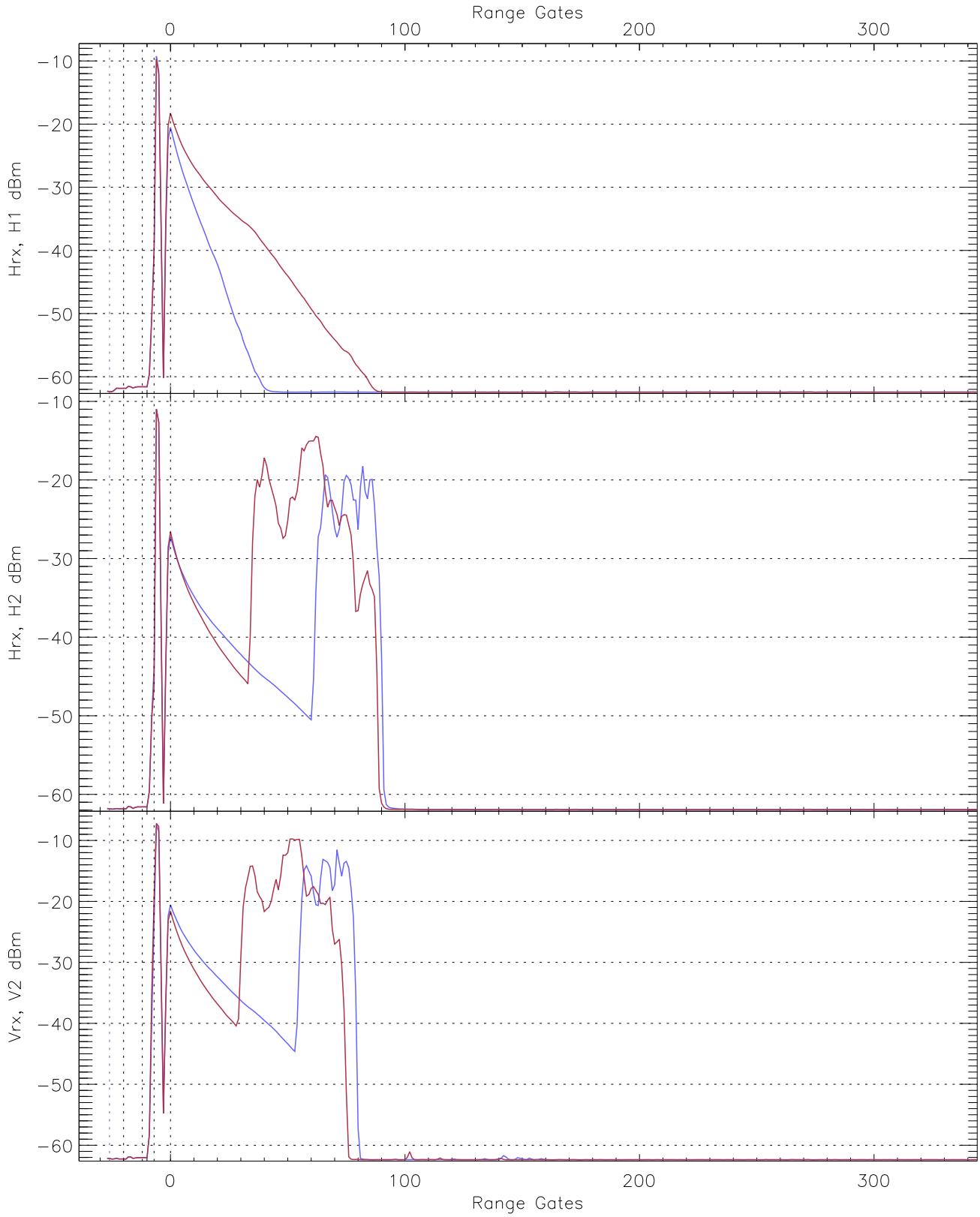
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.27	-61.49	-62.34	-62.35	-74.90
Hrx, H2(RM [dBm])	-63.07	-60.91	-61.84	-61.84	-74.39
Vrx, V2(RM [dBm])	-63.21	-61.24	-62.17	-62.17	-74.69

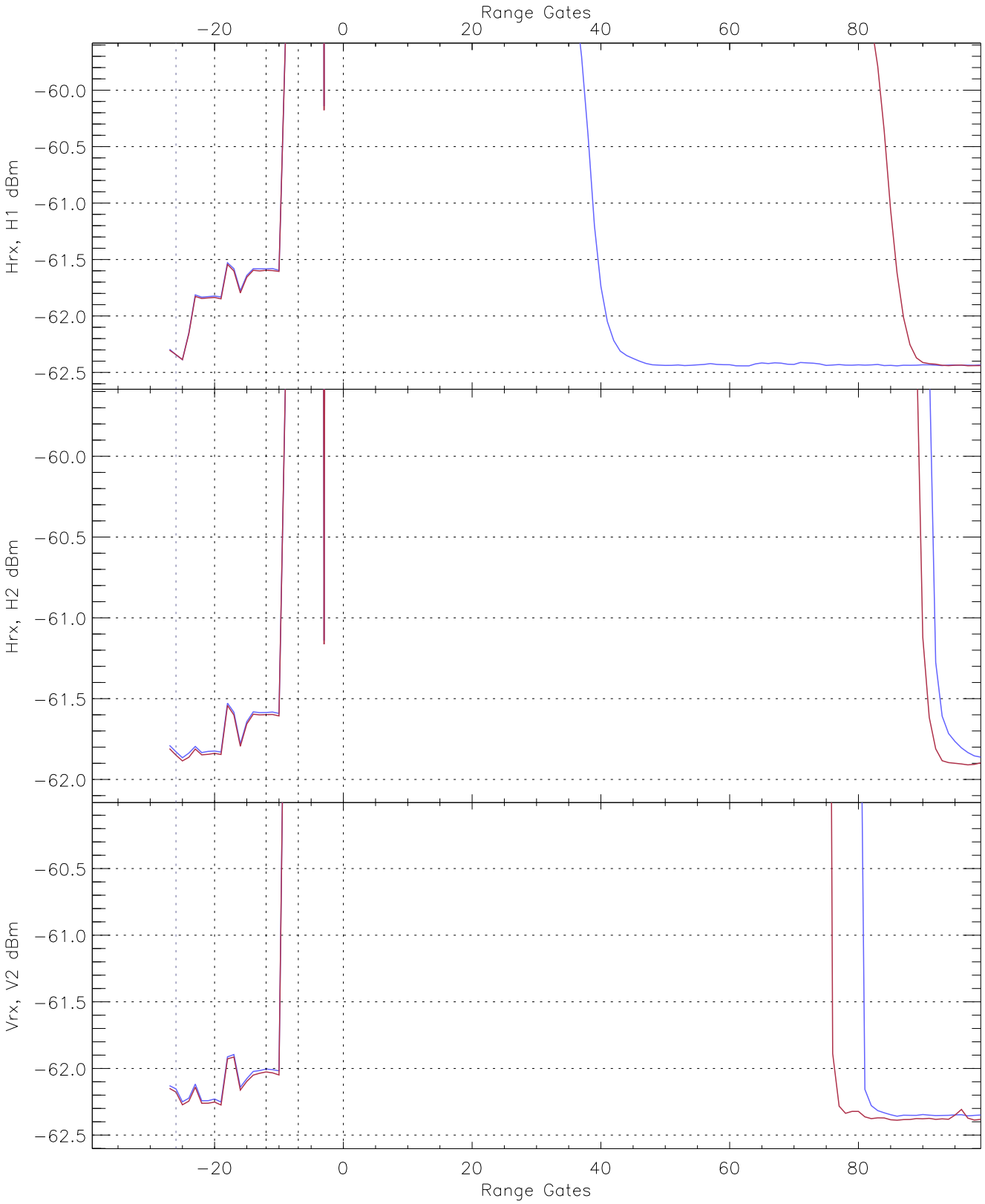


WCR2 CPP "Best" estimate Receivers Noise Power

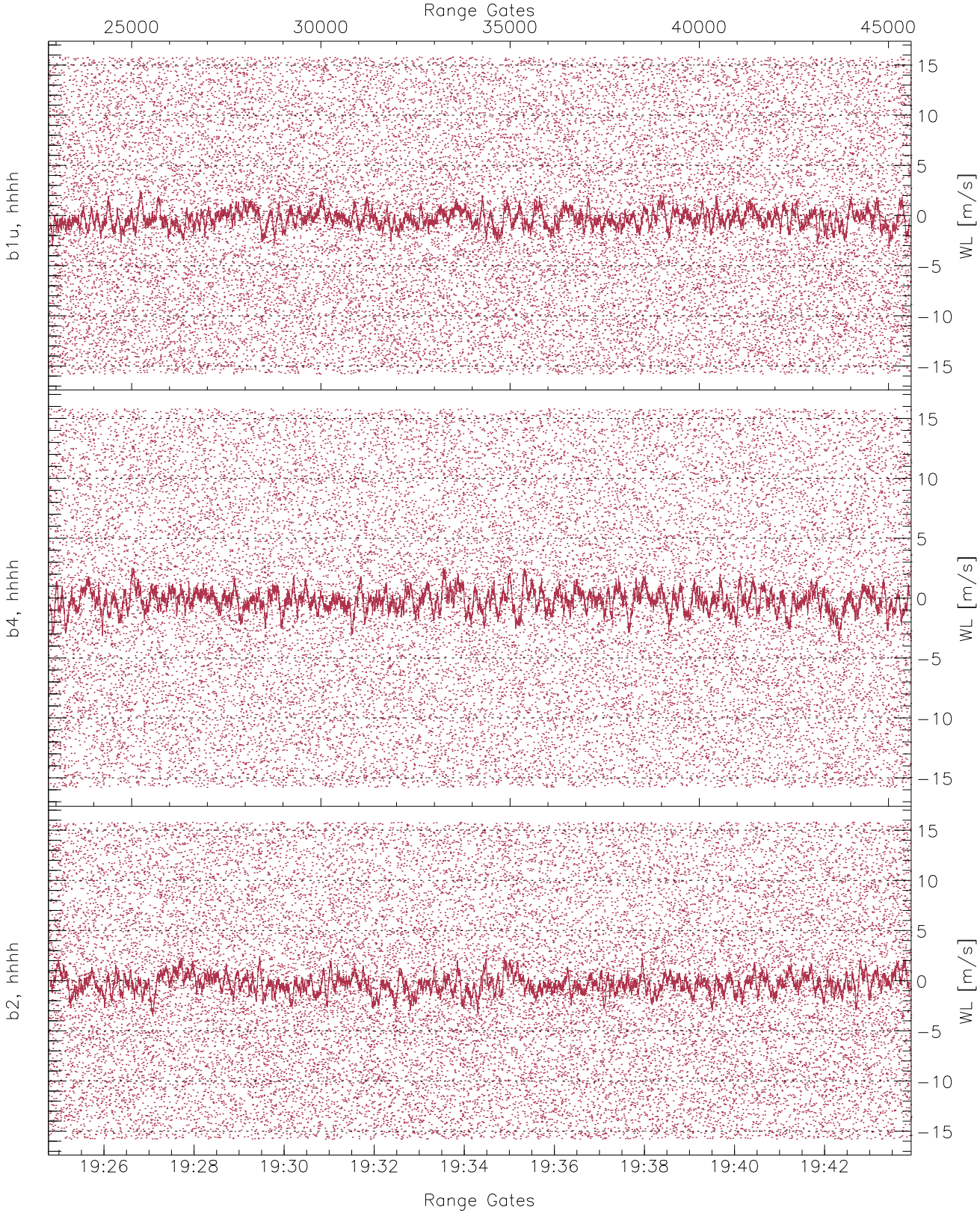
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.45	-61.40	-62.45	-62.45	-75.00
H2RG175_0 [dBm]	-63.01	-61.03	-61.93	-61.94	-74.51
V2RM_0 [dBm]	-63.43	-61.47	-62.39	-62.39	-74.91



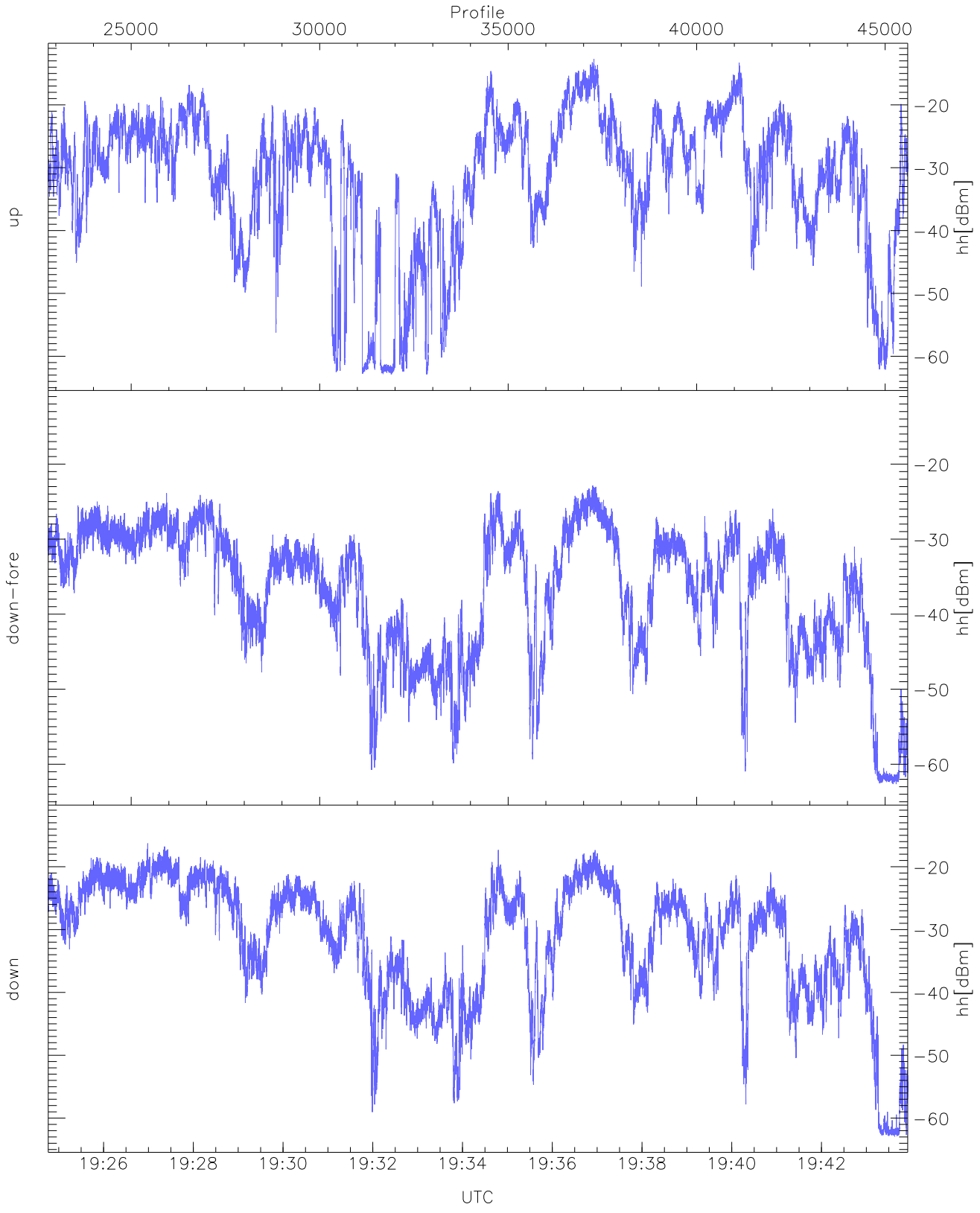
WCR2 CPP Averaged Received power for all recorded gates
blue: 192446-193421, 11401 profiles averaged
red: 193421-194355, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 192446-193421, 11401 profiles averaged
red: 193421-194355, 11400 profiles averaged

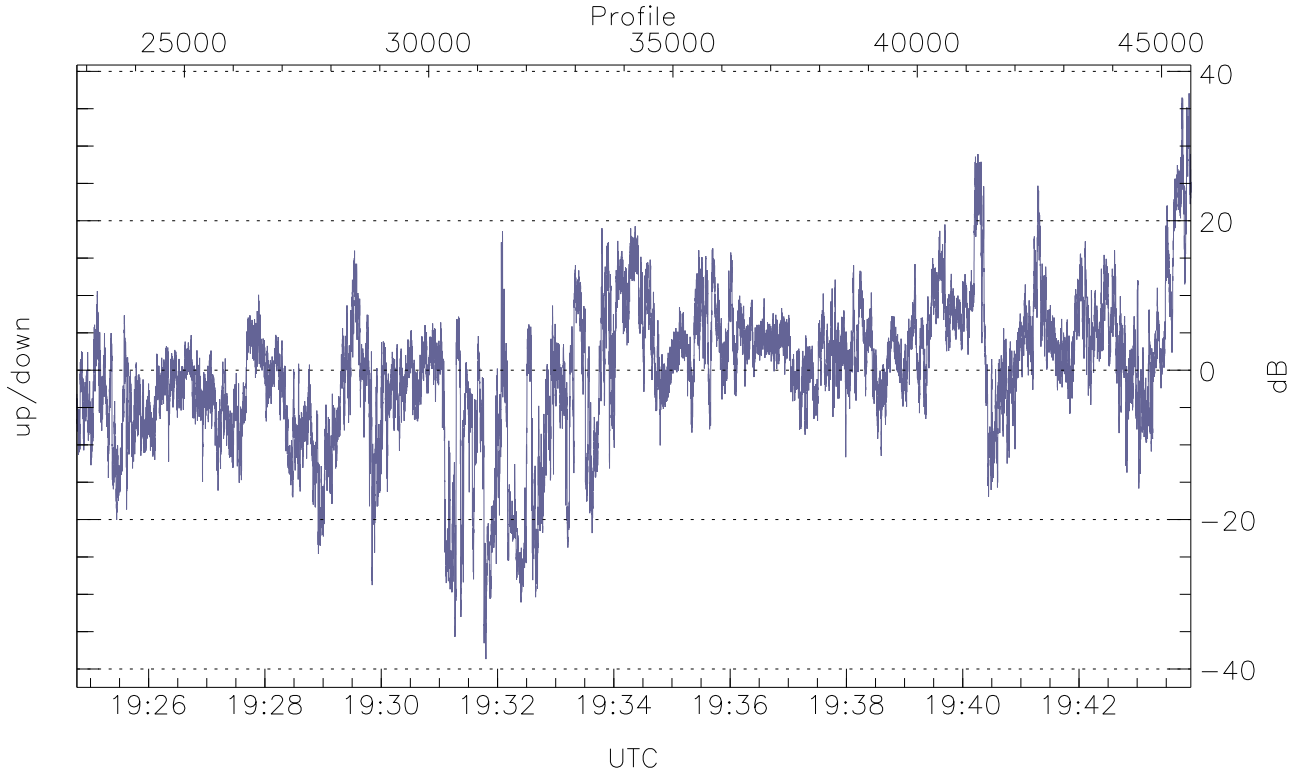


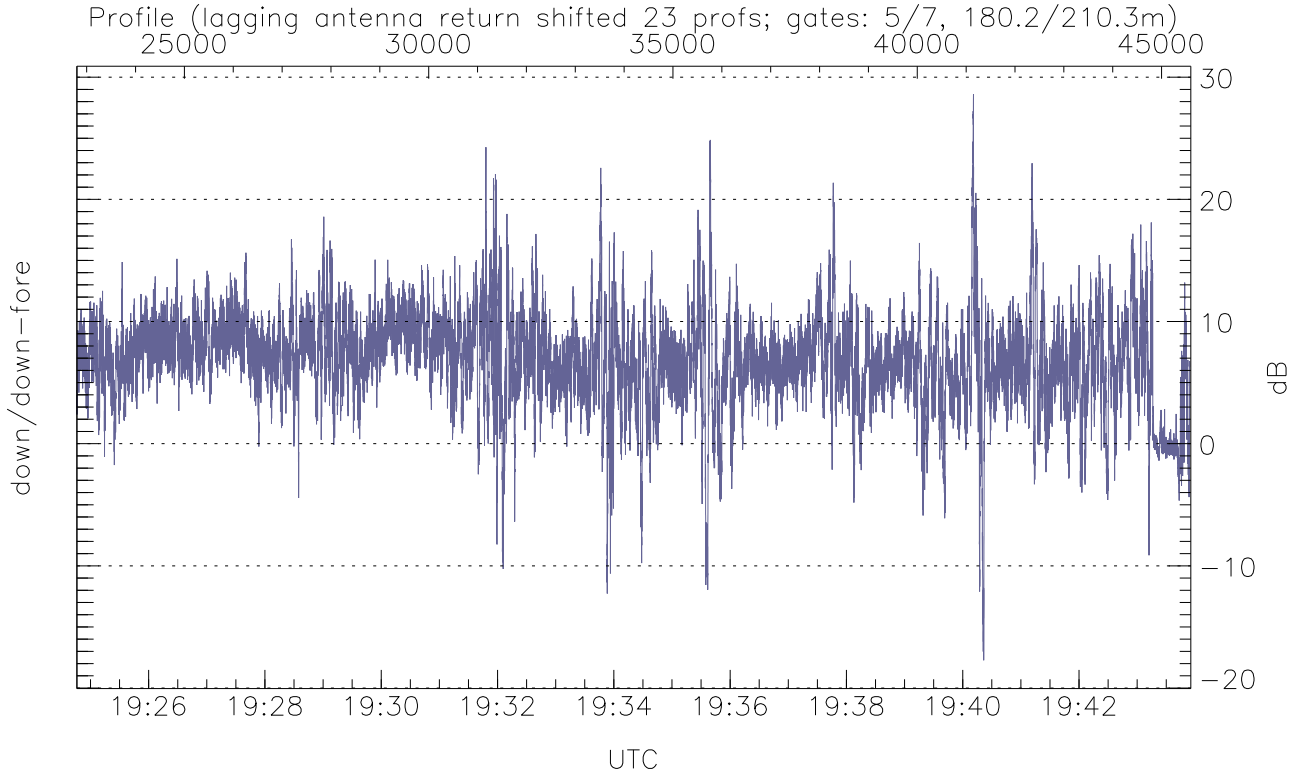
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

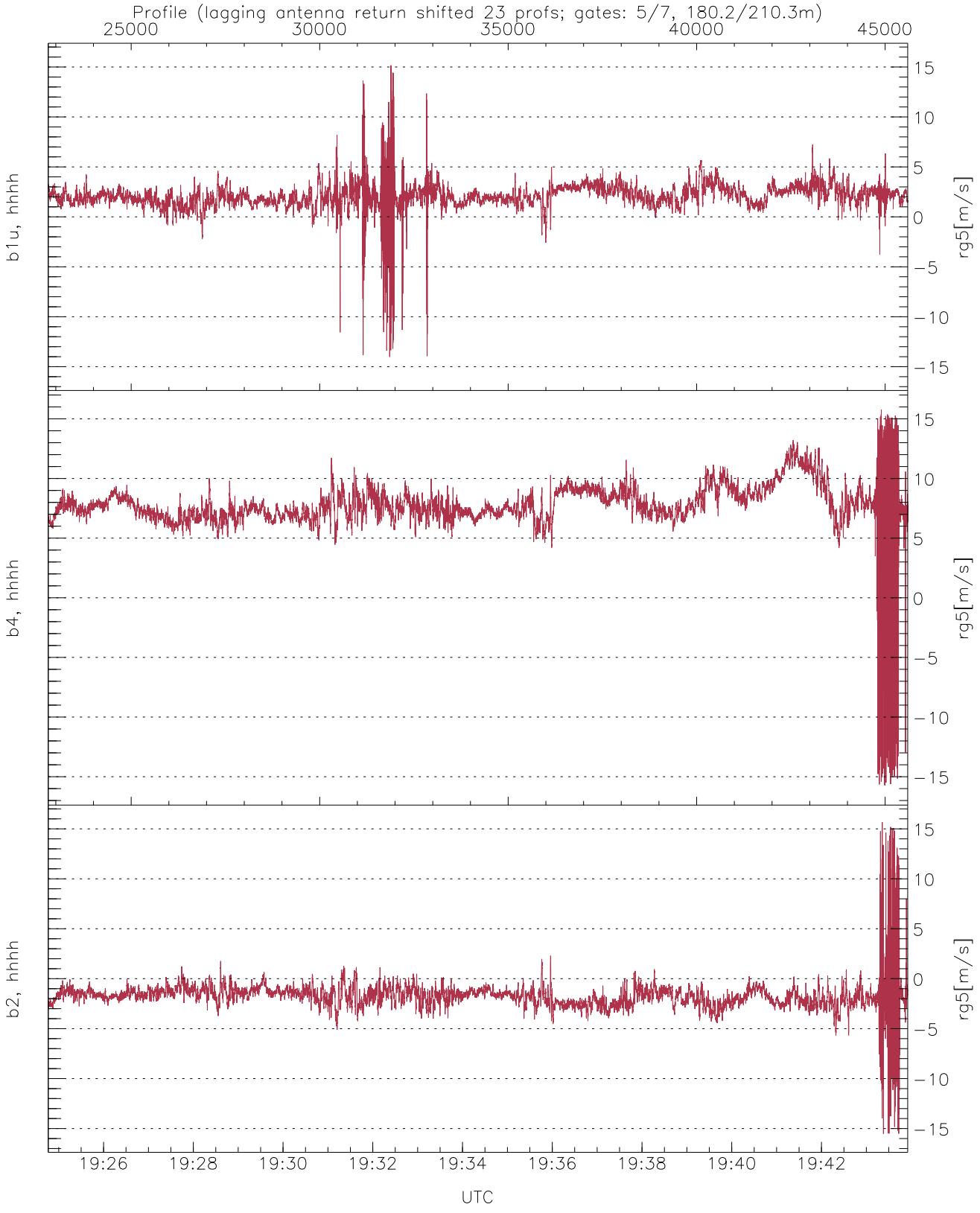
	Min	Max	Mean
up(hh[dBm])	-62.88	-12.70	-24.95
down-fore(hh[dBm])	-62.65	-22.85	-31.94
down(hh[dBm])	-62.93	-16.28	-25.98





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

	Min	Max	Mean
up/down(dB)	-38.67	37.06	-0.29
down/down-fore(dB)	-17.73	28.58	6.85



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-14.03	15.17	2.09	1.18
b4, hhhh(rg5[m/s])	-15.72	15.78	7.76	2.05
b2, hhhh(rg5[m/s])	-15.52	15.66	-1.74	1.25