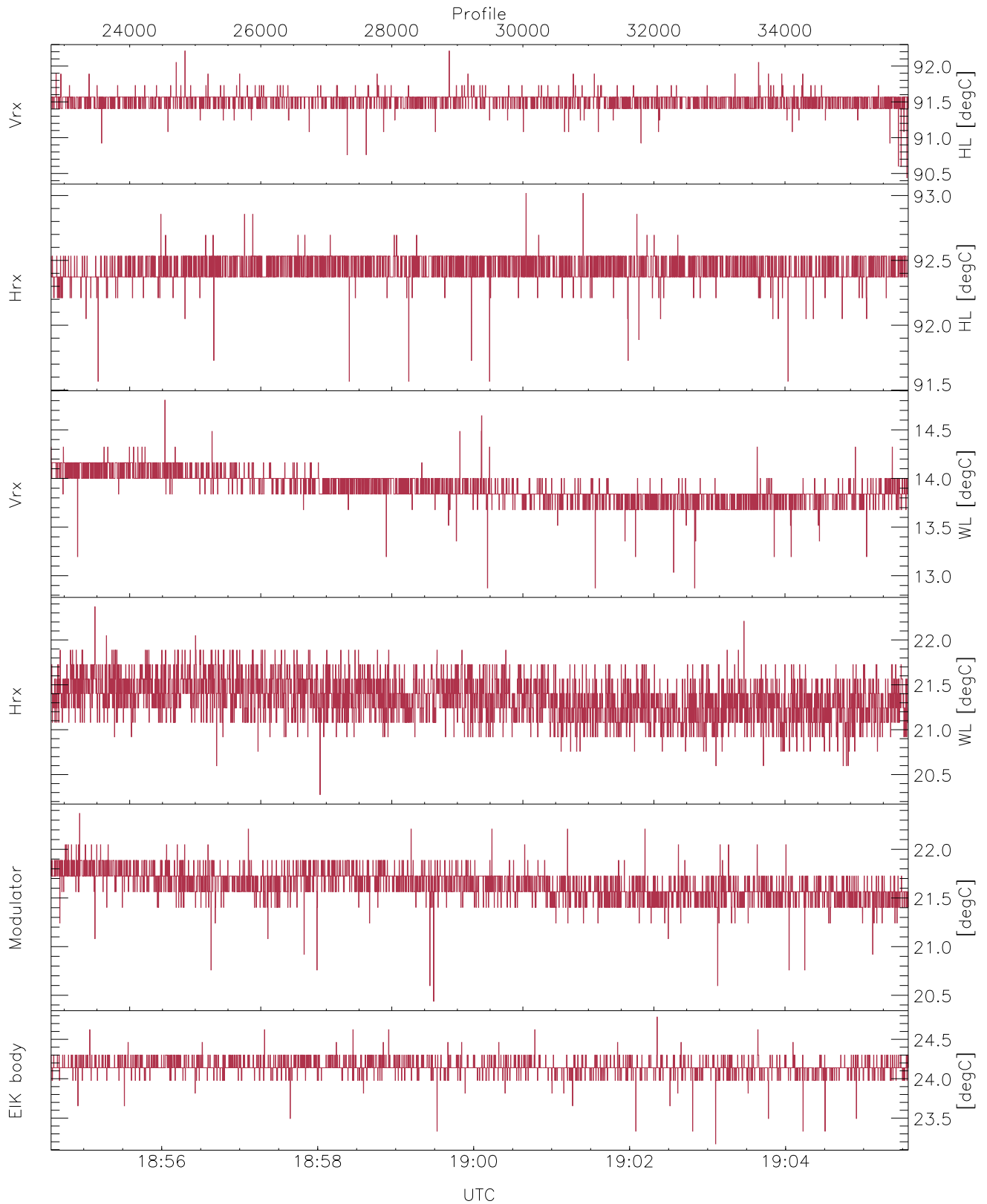


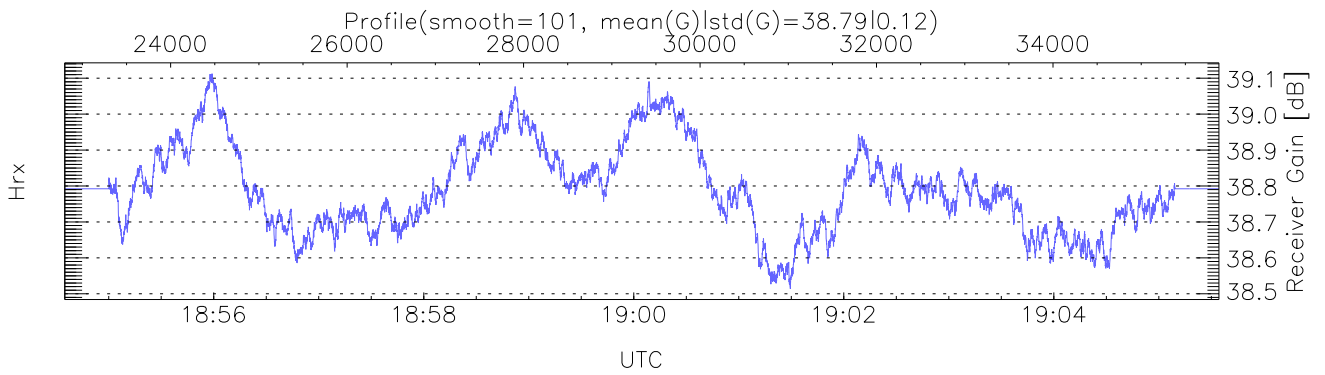
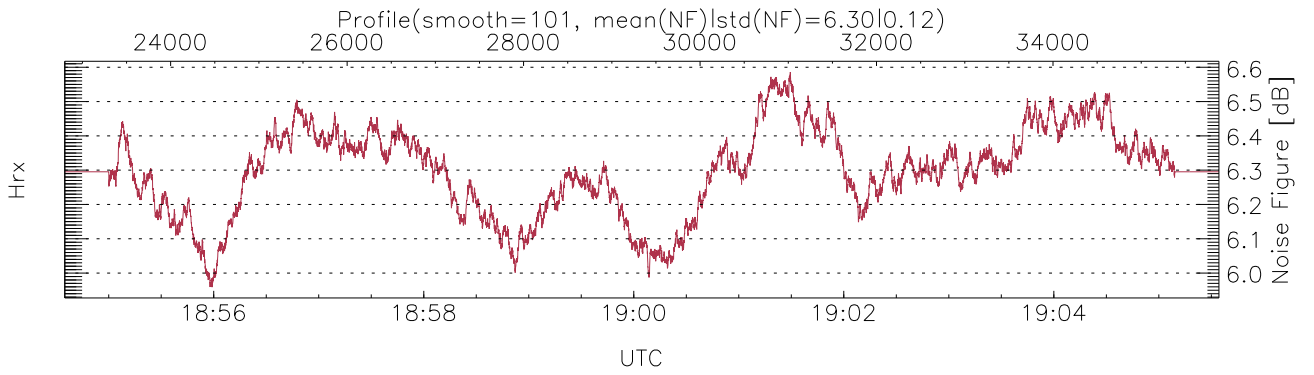
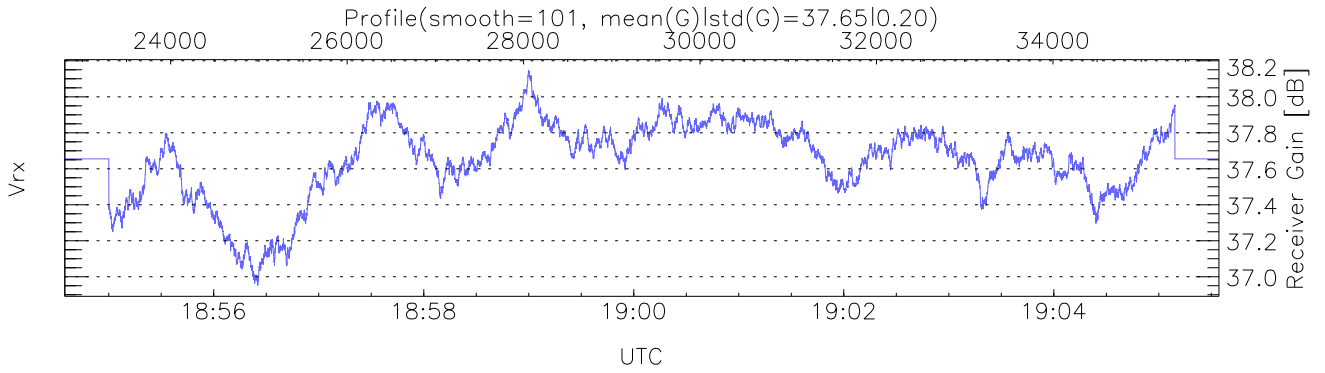
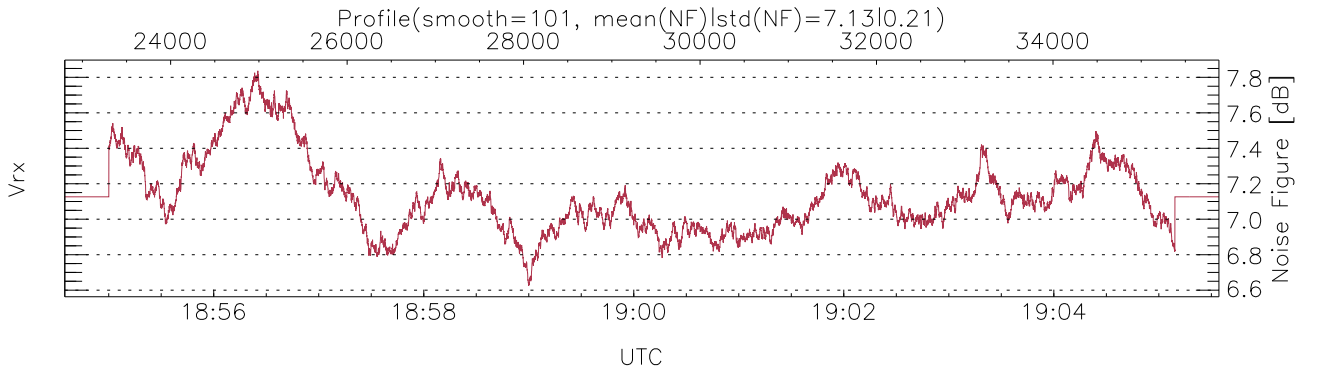
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:35:25-19:05:34, Dur: 1808.86s
 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): 13082/35882, 22800-35881/18:54:35-19:05:34
 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



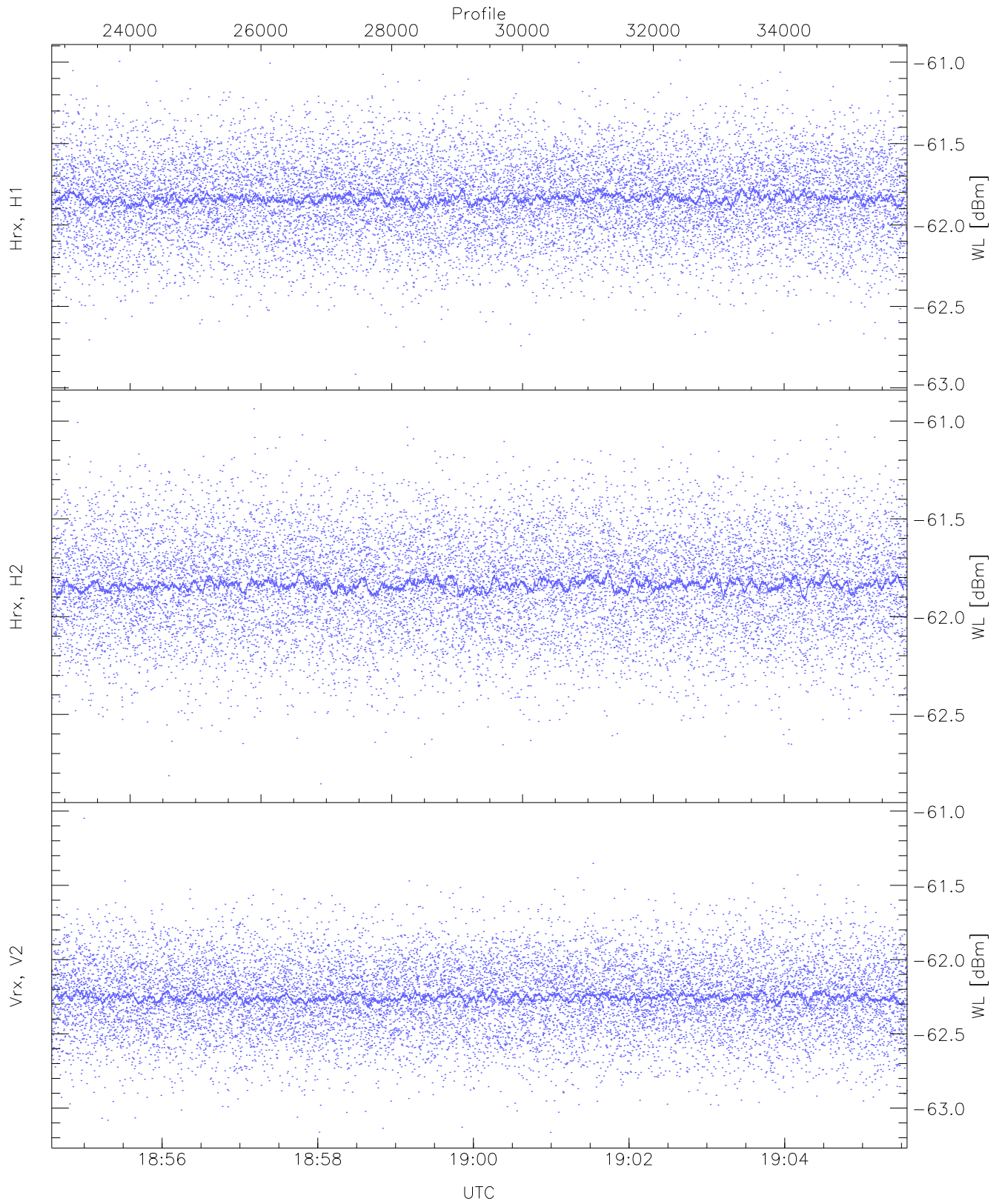
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,12,20,20,23
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,14,22,22,24
 LOalarm(20,80,240,2.8,14.8 MHz): None
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,5)



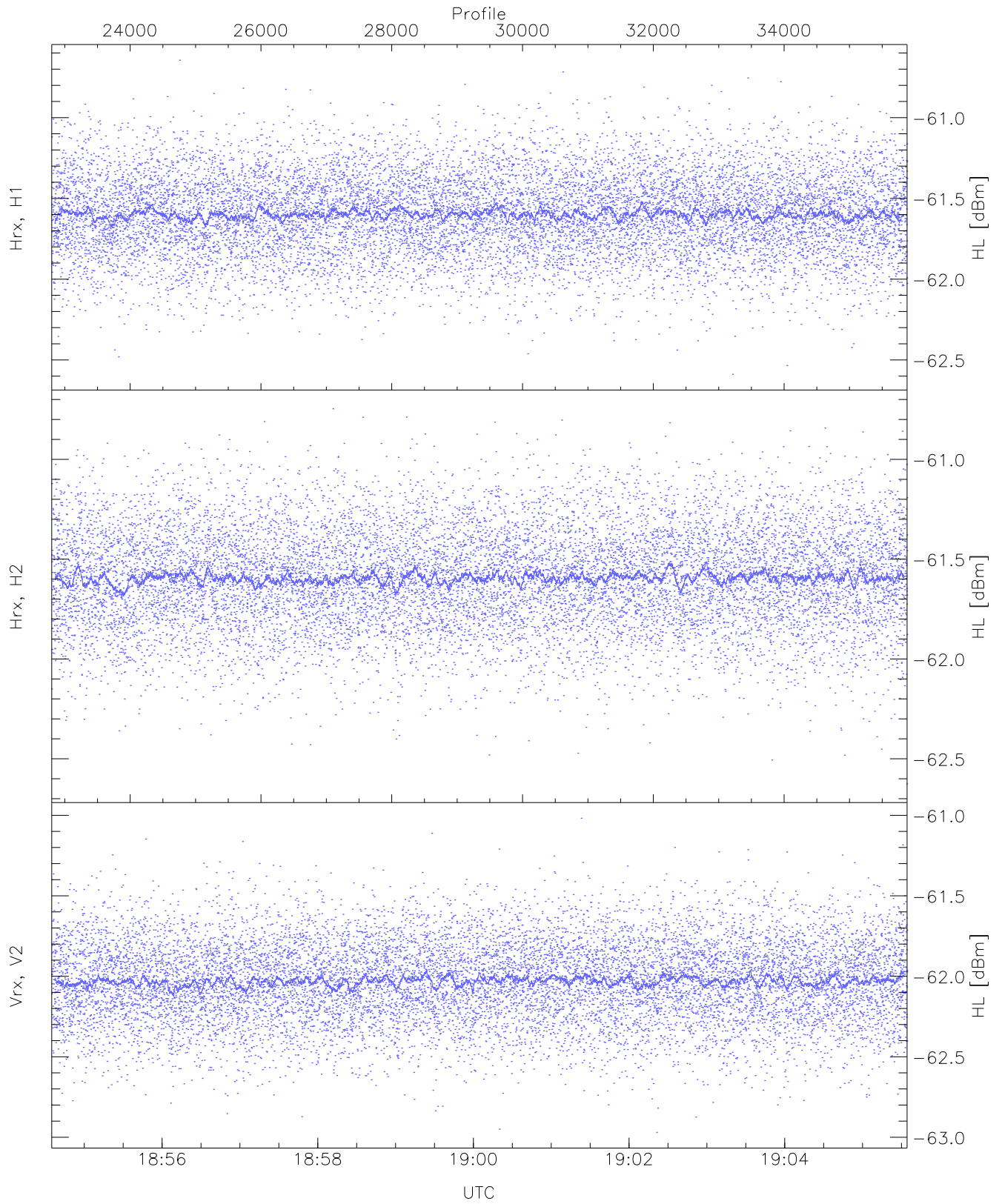
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 128 pixs, 18 gates, 126 profs, 1 prods



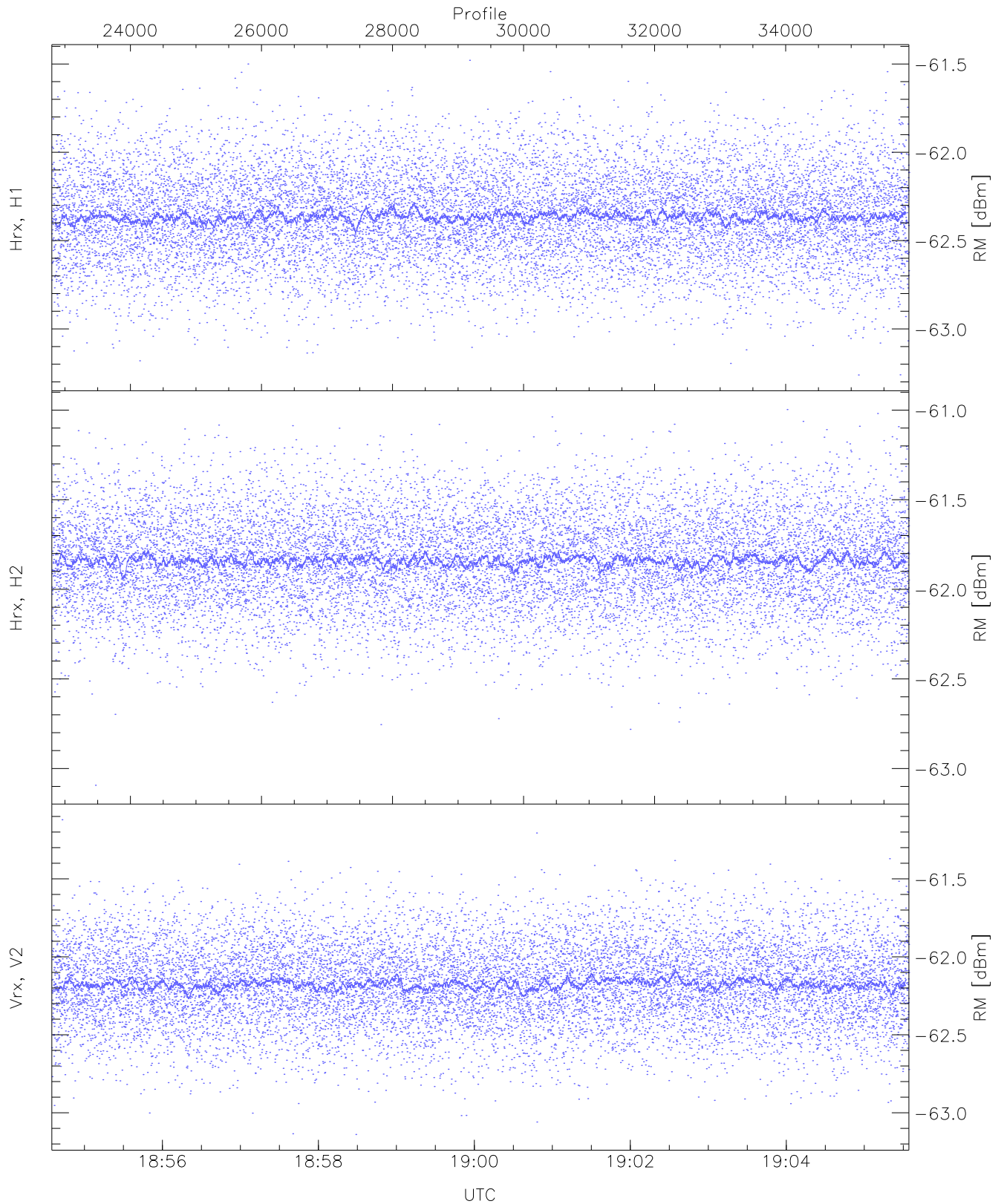
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.92	-60.99	-61.83	-61.84	-74.42
Hrx, H2 (WL [dBm])	-62.85	-60.94	-61.83	-61.84	-74.37
Vrx, V2 (WL [dBm])	-63.16	-61.05	-62.25	-62.25	-74.82



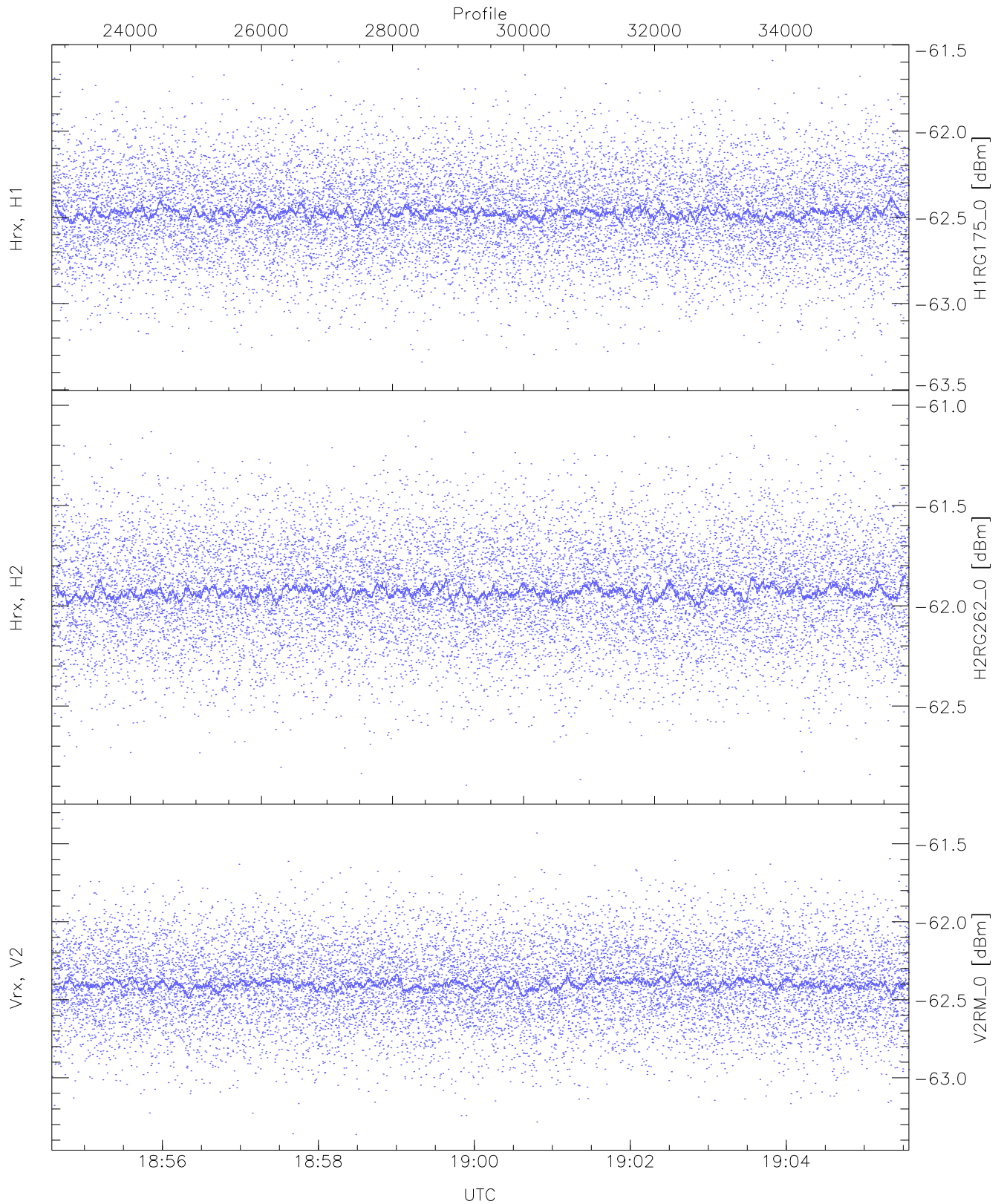
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.59	-60.64	-61.59	-61.60	-74.15
Hrx, H2 (HL [dBm])	-62.63	-60.75	-61.59	-61.59	-74.17
Vrx, V2 (HL [dBm])	-62.97	-61.02	-62.03	-62.03	-74.57



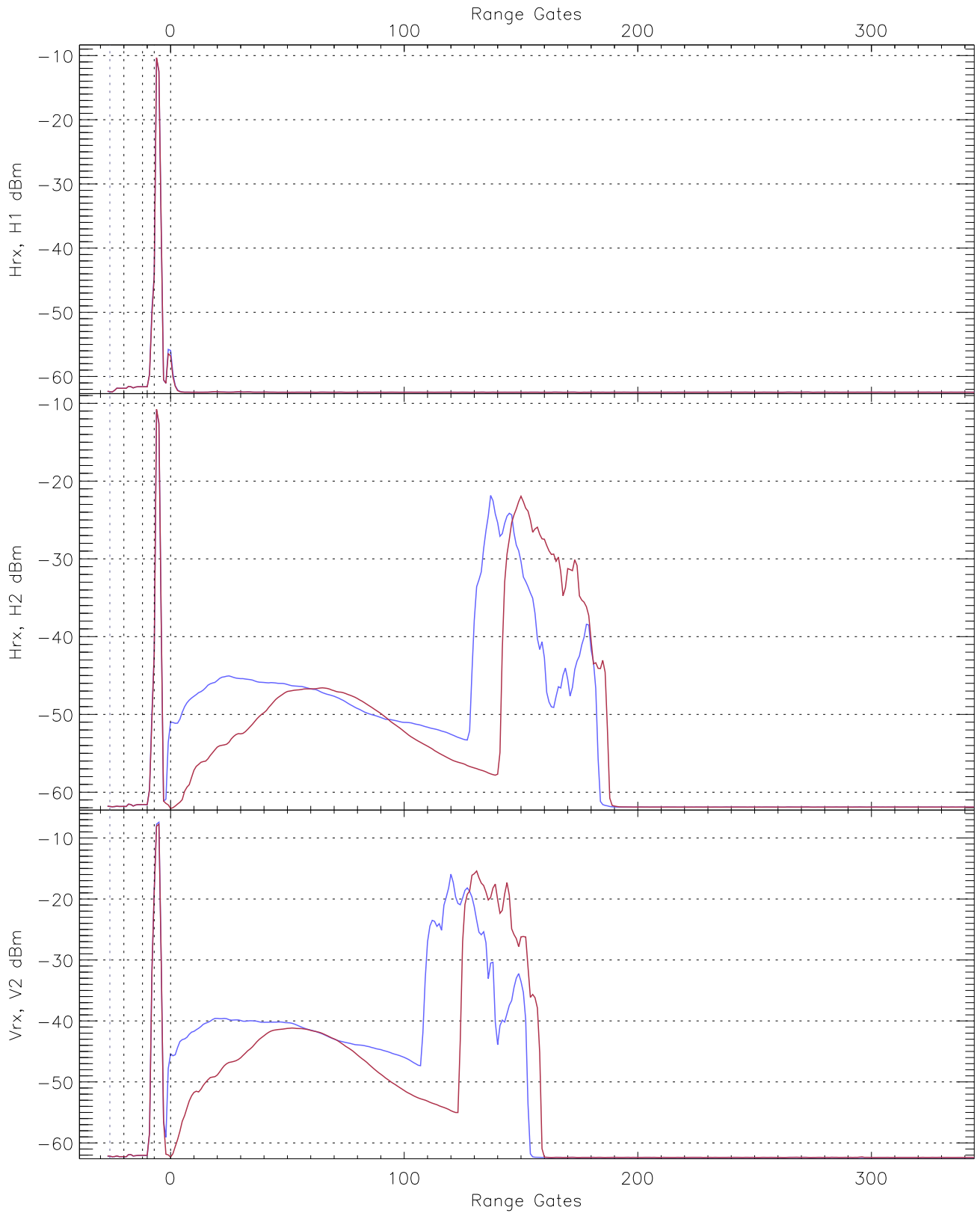
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.26	-61.48	-62.36	-62.37	-74.93
Hrx, H2 (RM [dBm])	-63.09	-61.00	-61.84	-61.84	-74.38
Vrx, V2 (RM [dBm])	-63.14	-61.12	-62.17	-62.18	-74.70

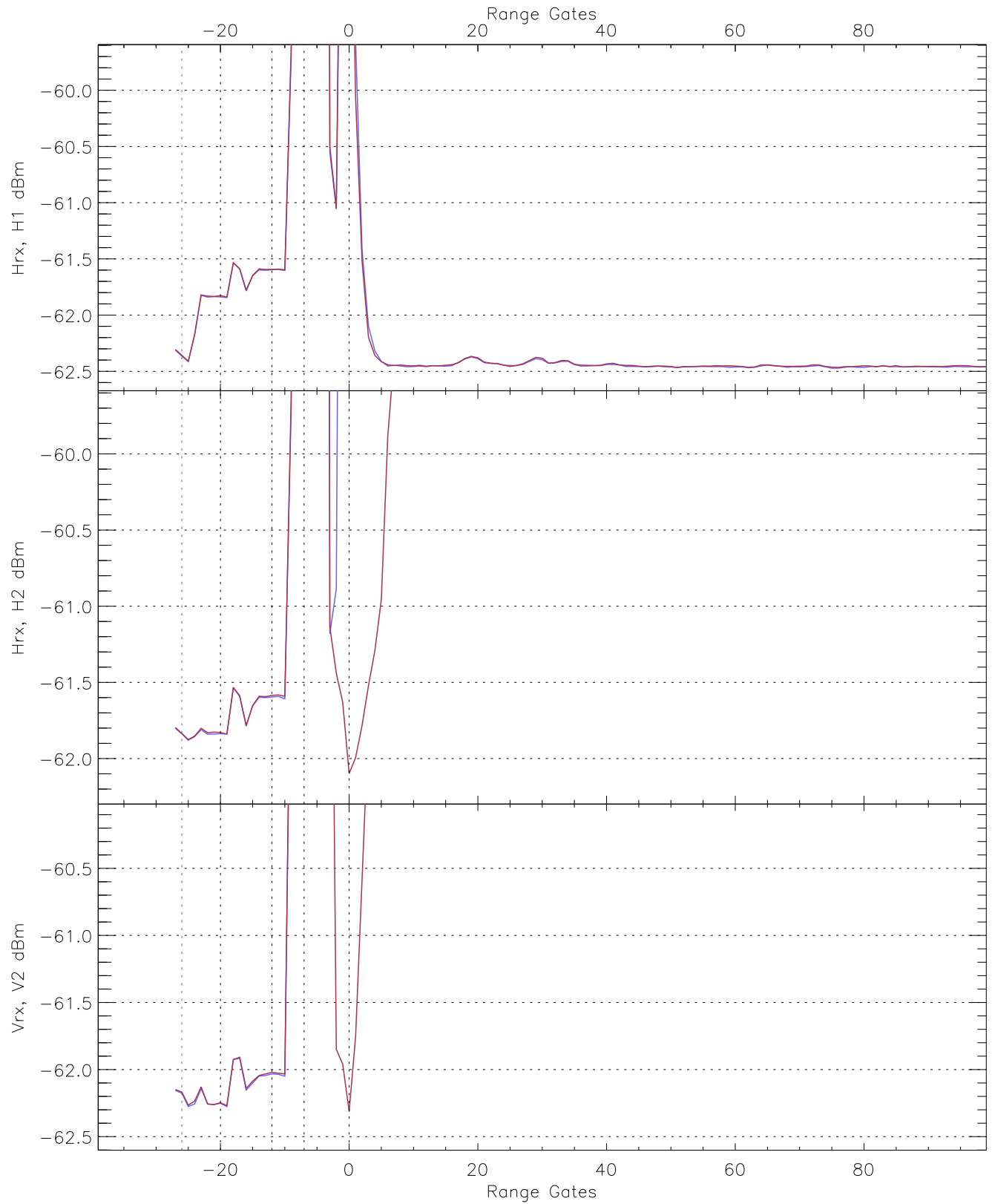


WCR2 CPP "Best" estimate Receivers Noise Power

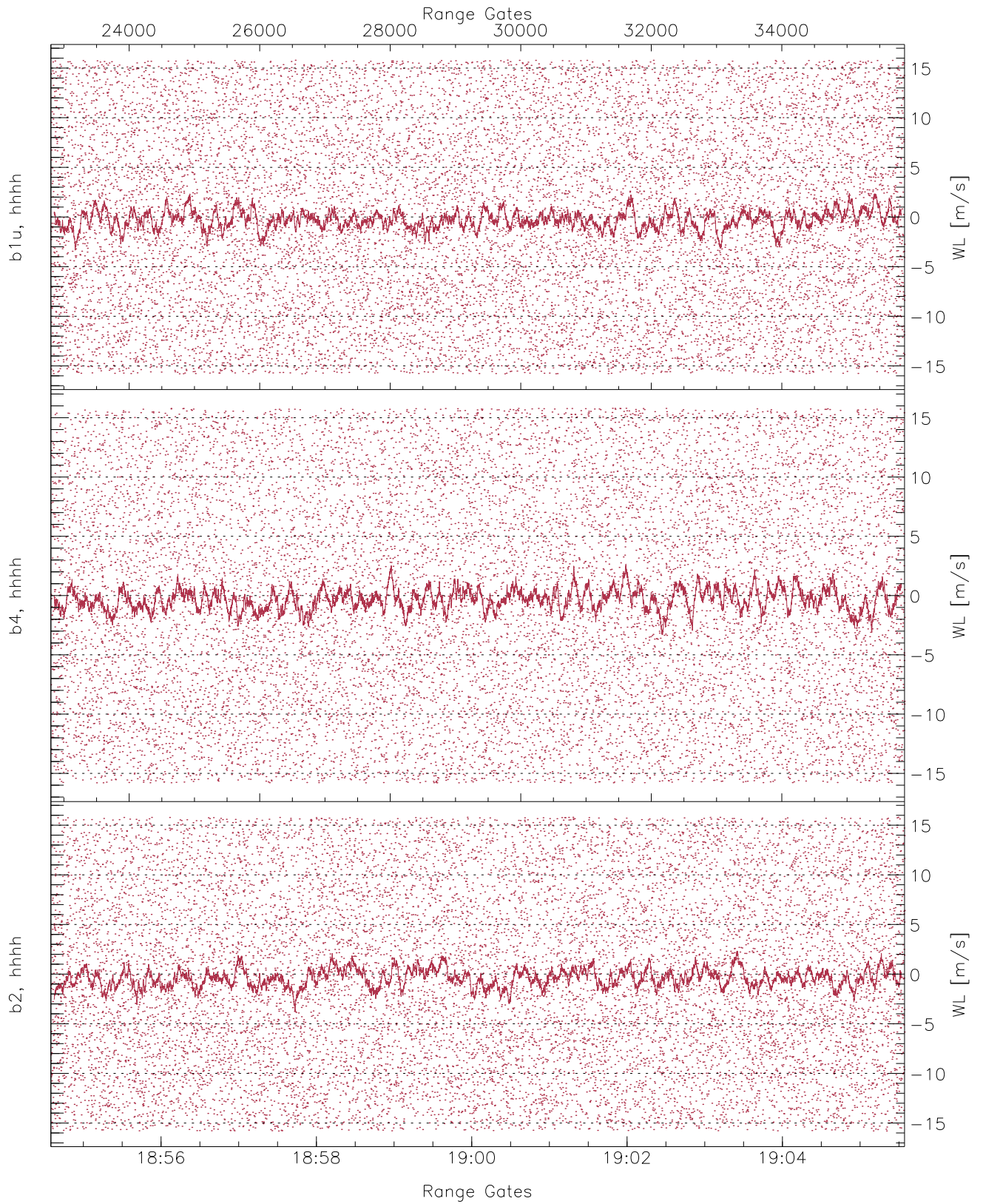
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.41	-61.59	-62.47	-62.48	-75.02
H2RG262_0 [dBm]	-62.90	-61.02	-61.93	-61.93	-74.44
V2RM_0 [dBm]	-63.36	-61.35	-62.40	-62.40	-74.92



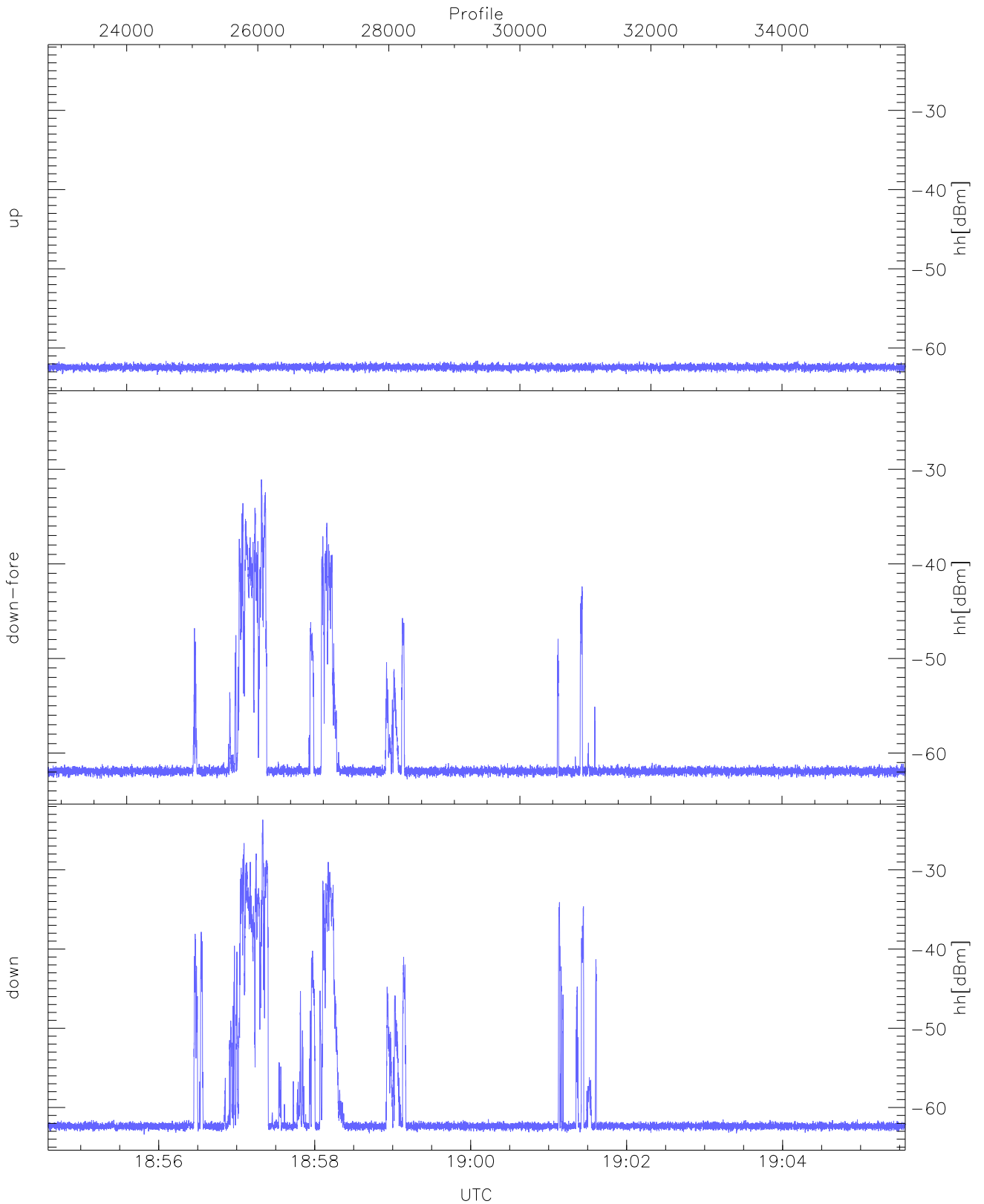
WCR2 CPP Averaged Received power for all recorded gates
blue: 185435-190005, 6542 profiles averaged
red: 190005-190534, 6541 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 185435-190005, 6542 profiles averaged
red: 190005-190534, 6541 profiles averaged

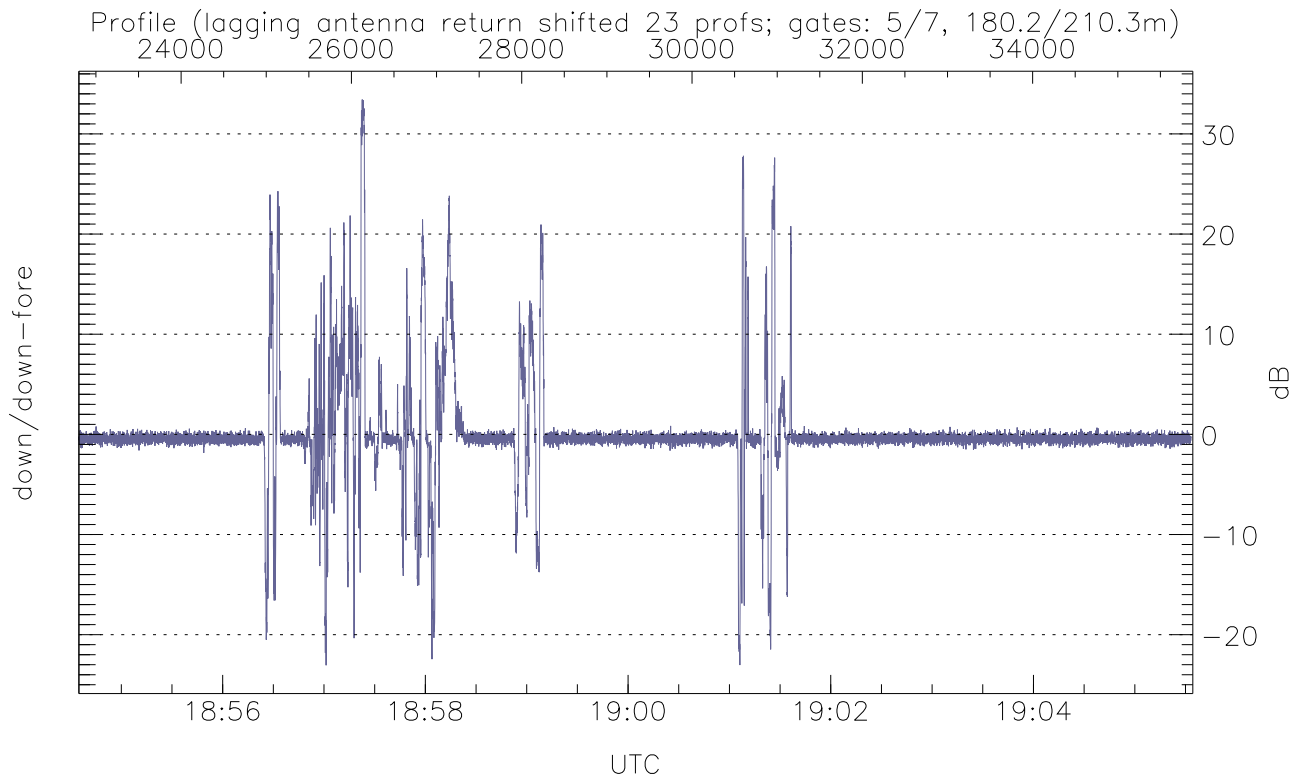
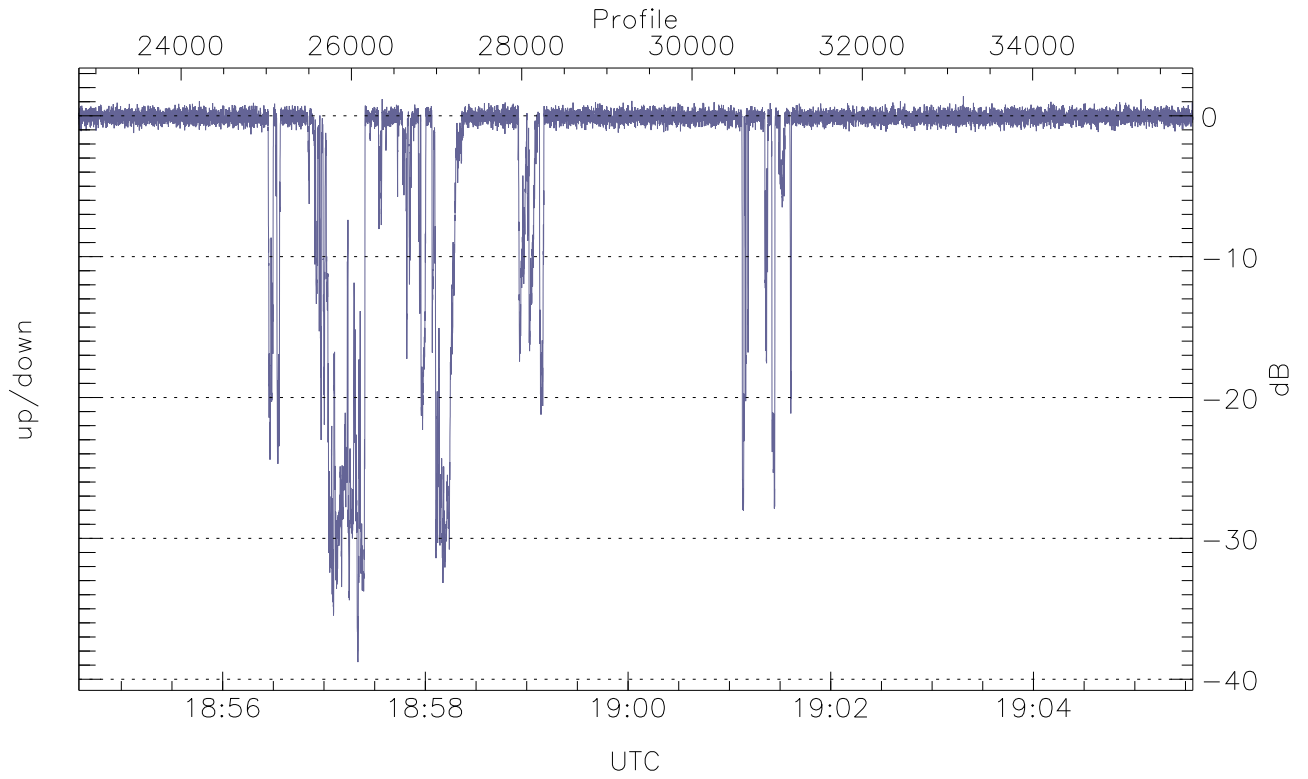


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



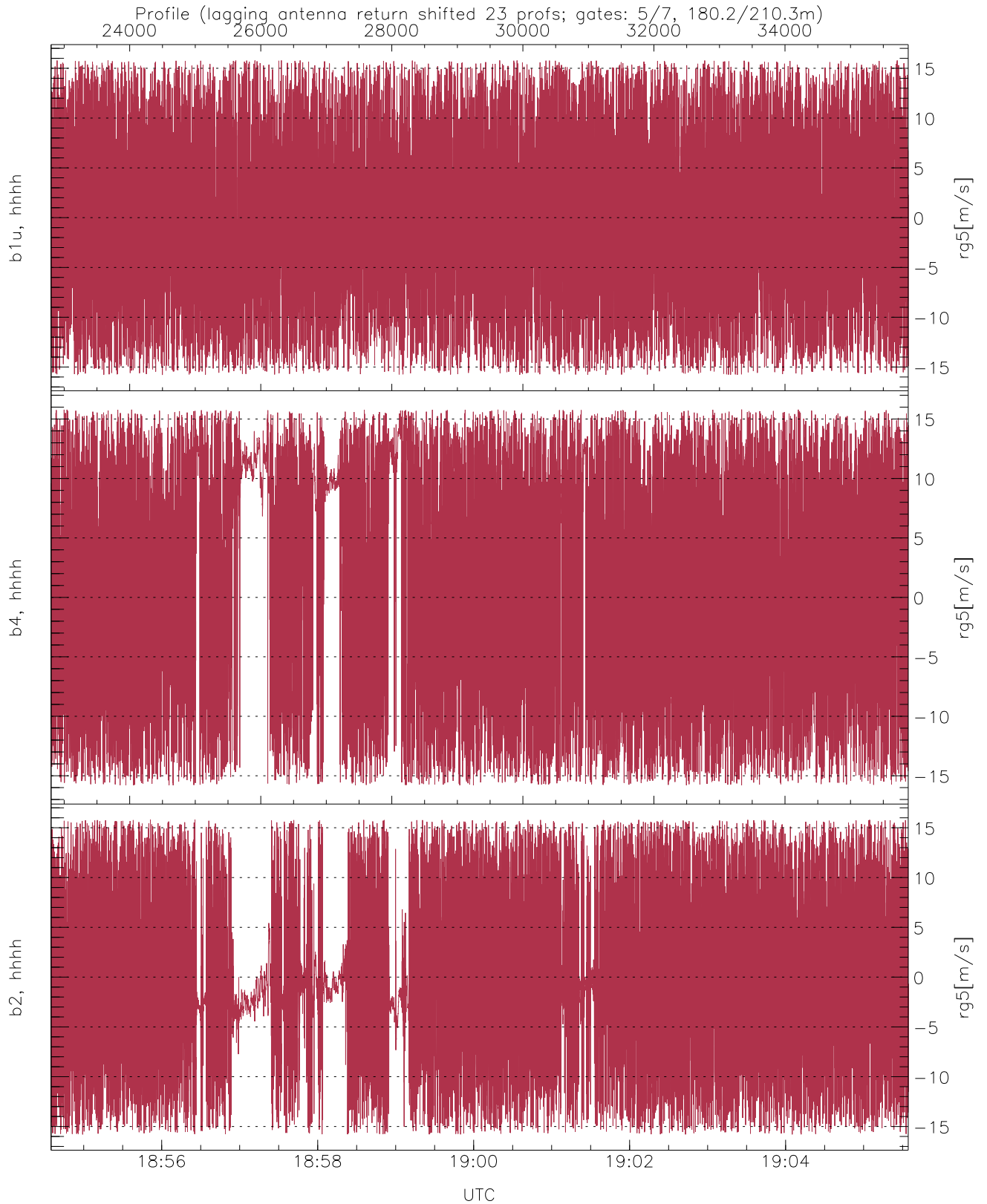
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.38	-61.60	-62.41
down-fore(hh[dBm])	-62.77	-31.07	-52.42
down(hh[dBm])	-63.40	-23.68	-45.88



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

	Min	Max	Mean
up/down (dB)	-38.78	1.38	-2.19
down/down-fore (dB)	-23.06	33.44	0.11



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.79	-0.23	8.59
b4, hhhh(rg5[m/s])	-15.80	15.80	0.94	9.29
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.53	8.35