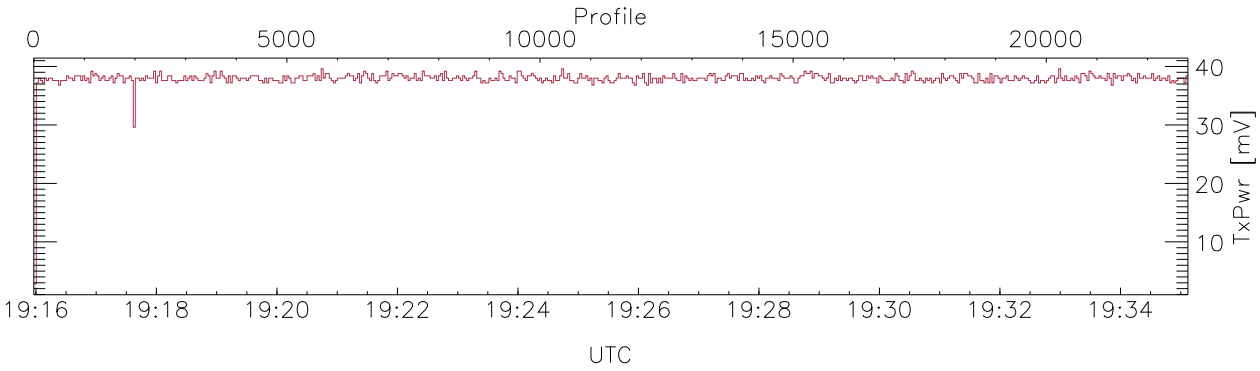
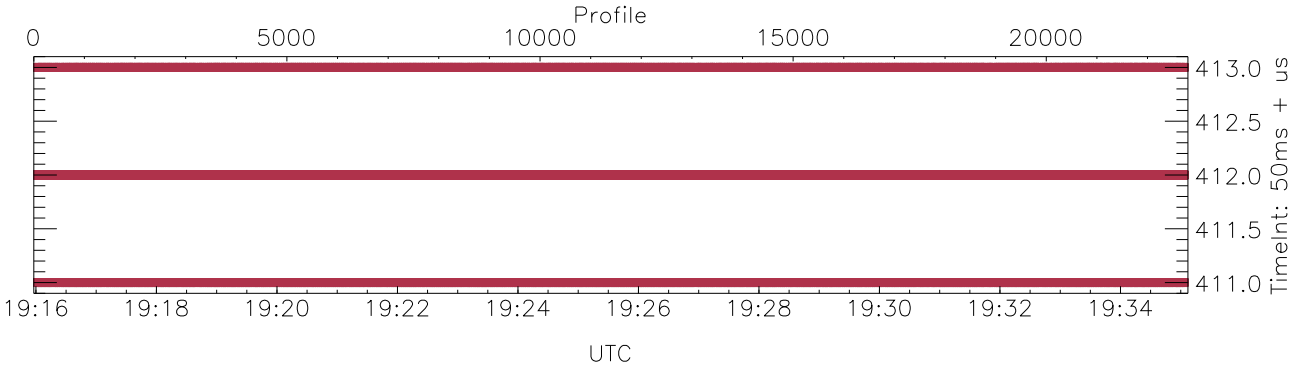
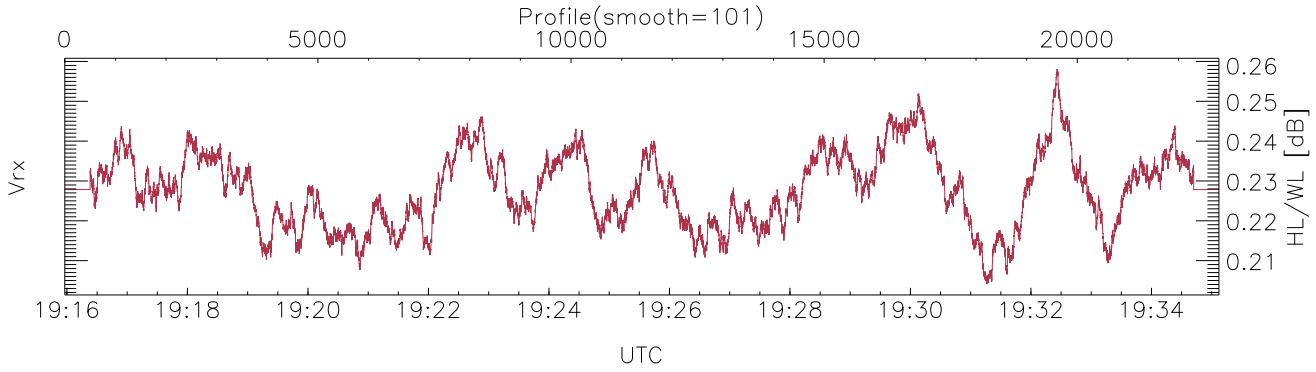
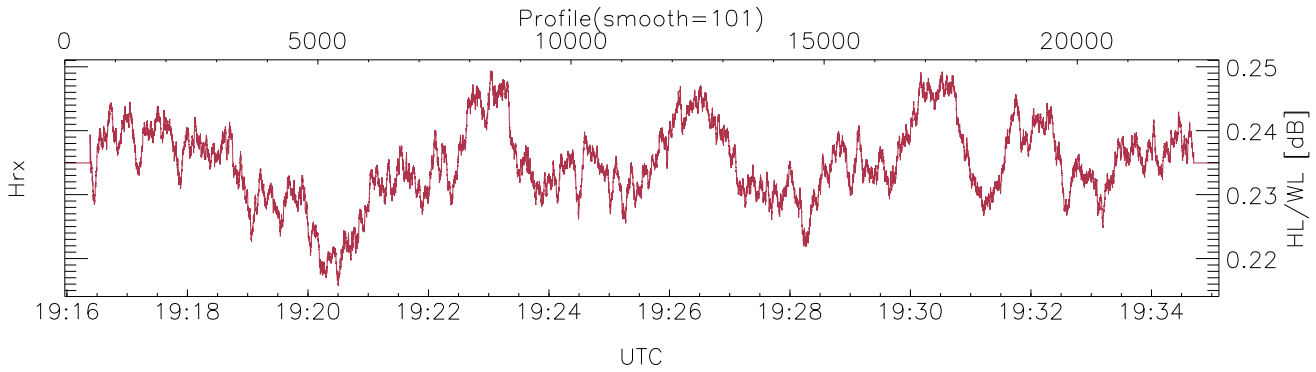


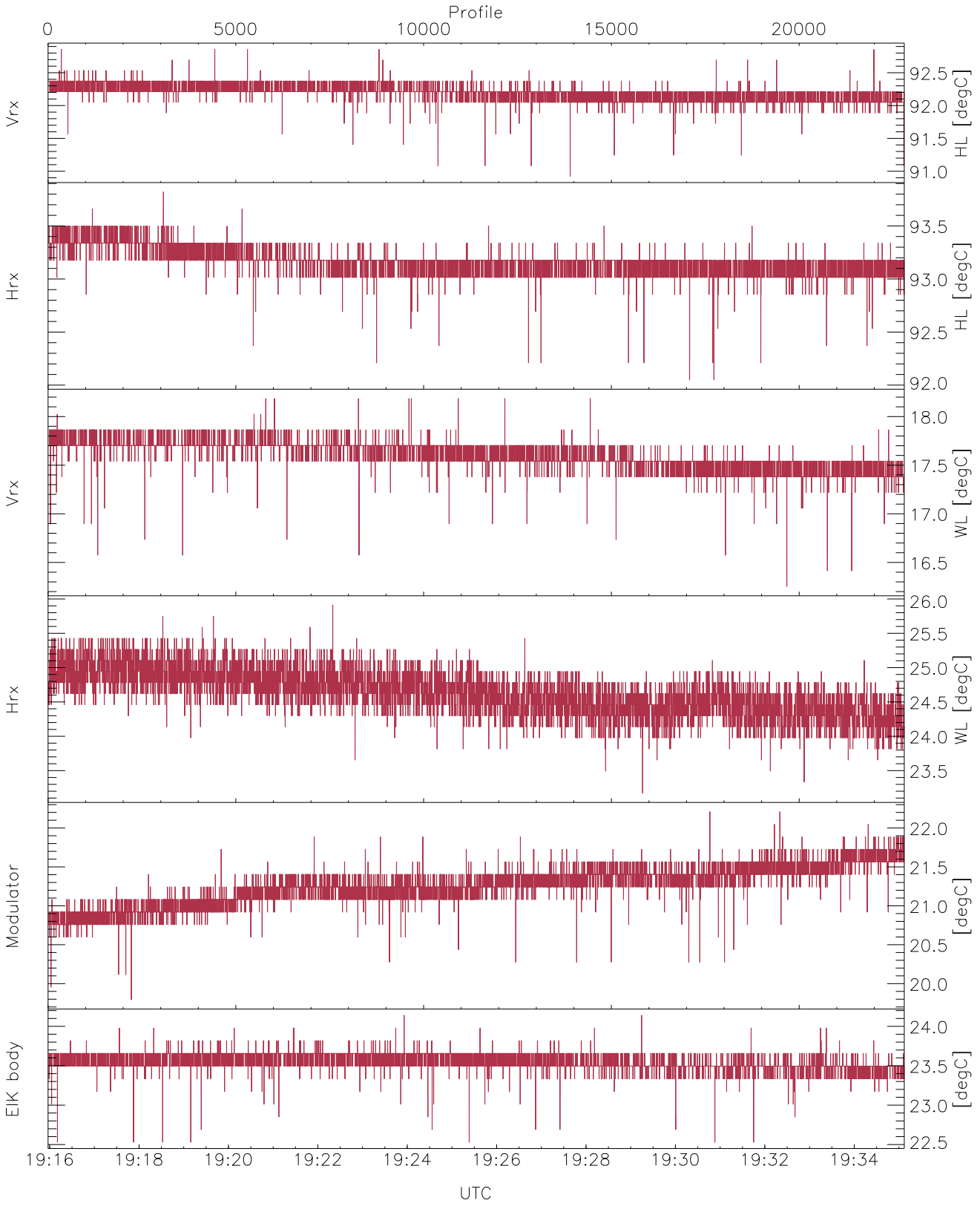






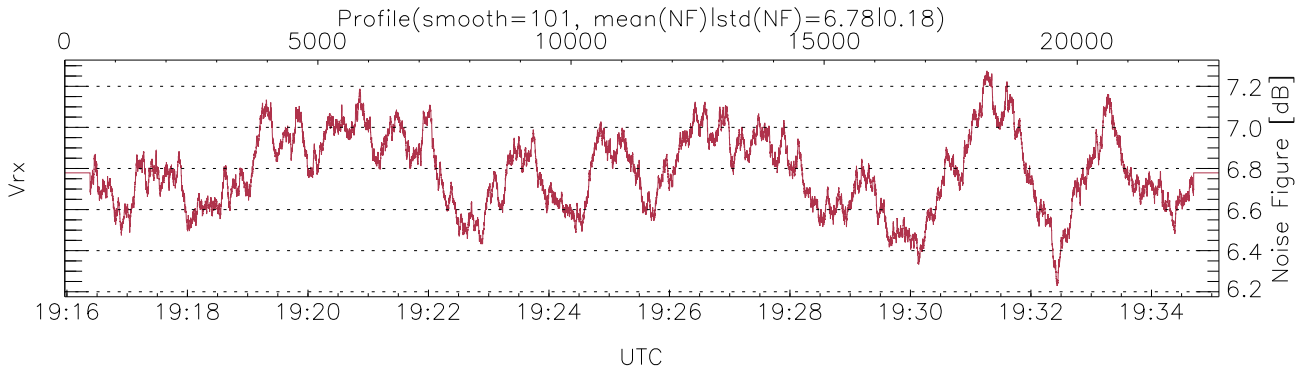
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

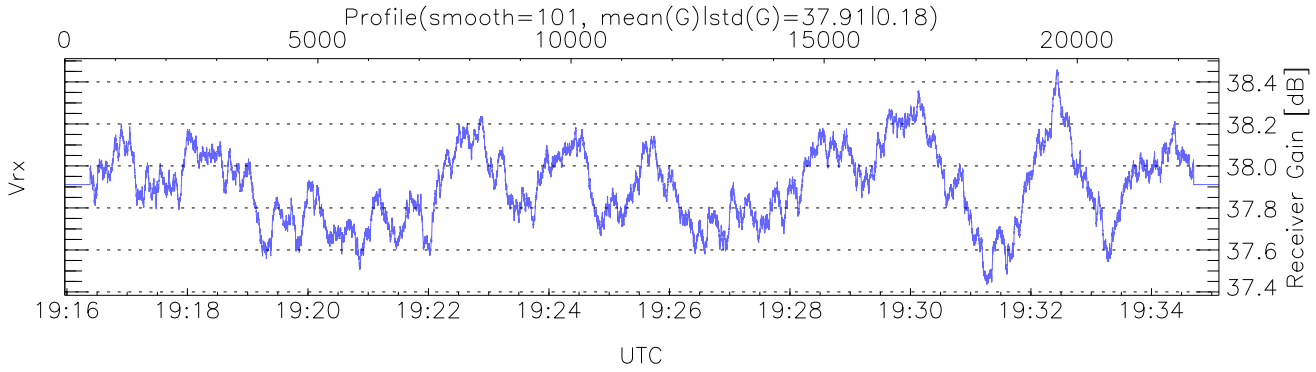
UTC: 19:15:58-19:42:33, Dur: 1594.95s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 22800/31639, 0-22799/19:15:58-19:35:07
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 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|sideluplerror): 1

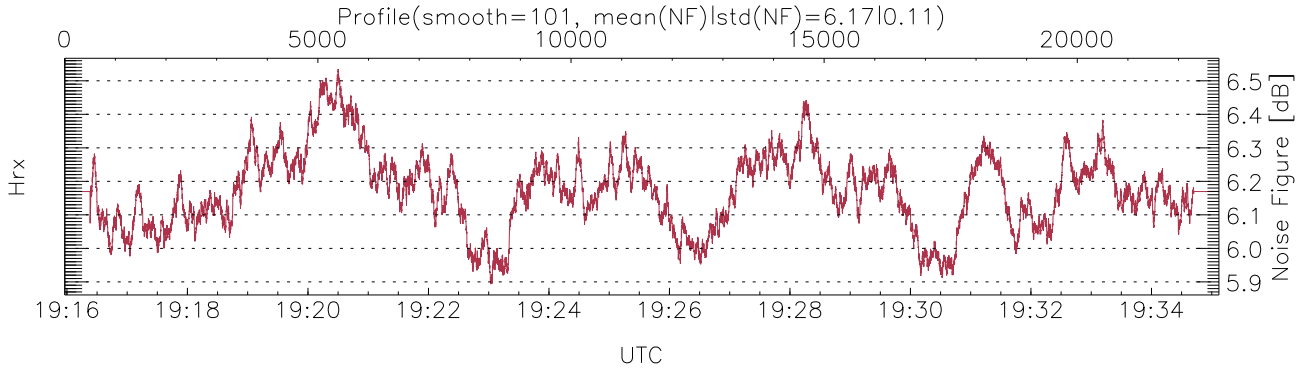


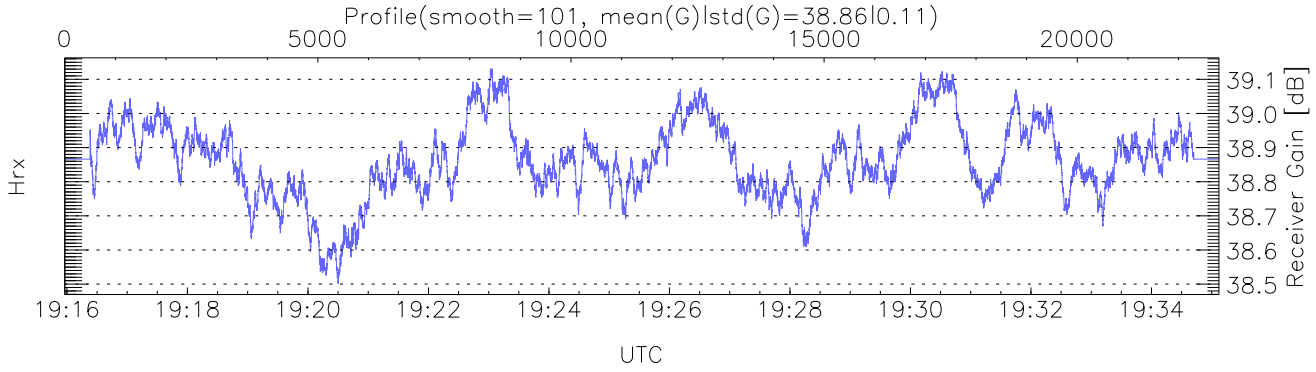
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,16,23,19,22
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,18,25,22,24
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (15,15,15,15,15,22)



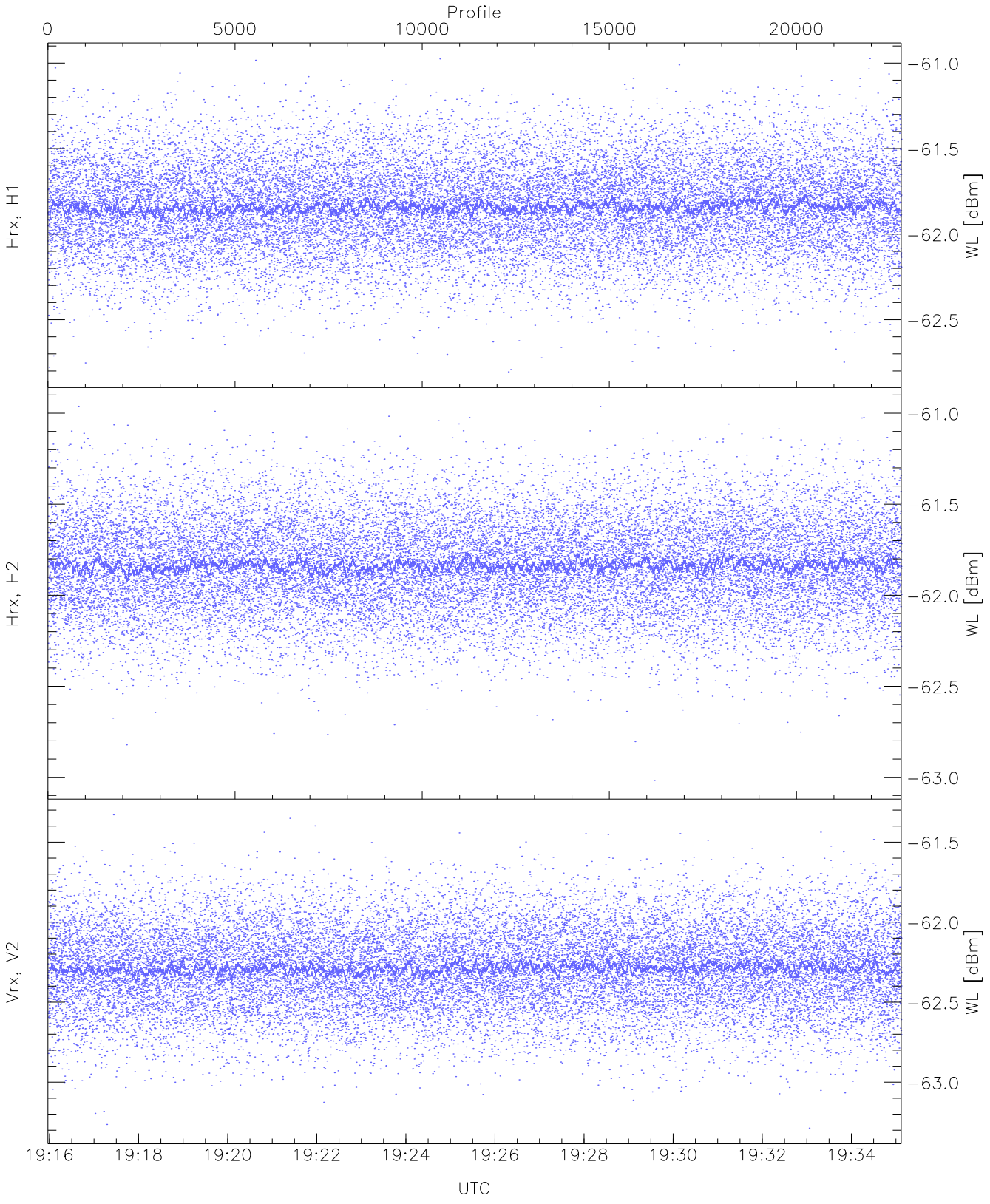






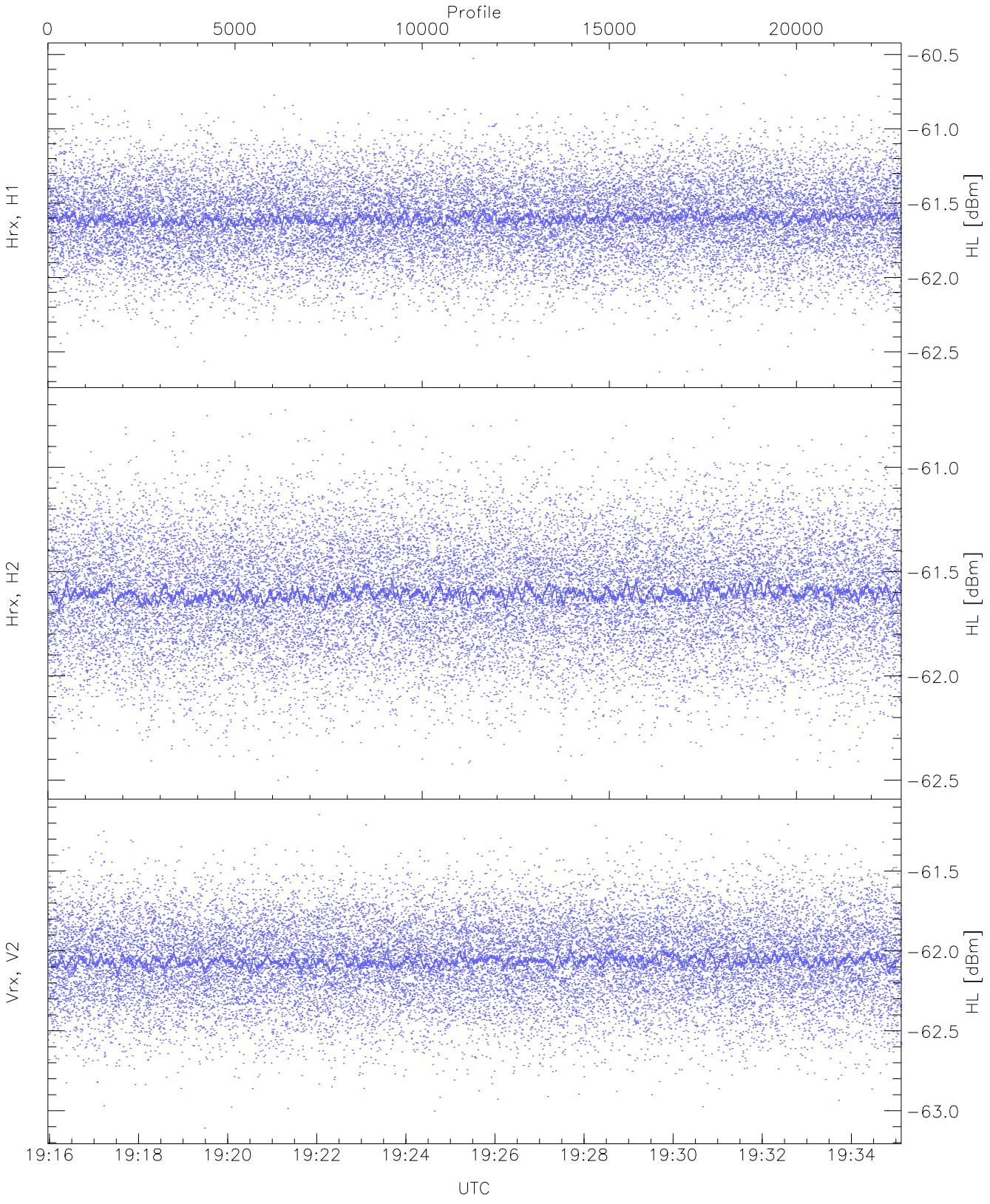
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 4670 pixs, 44 gates, 4478 profs, 2 prods



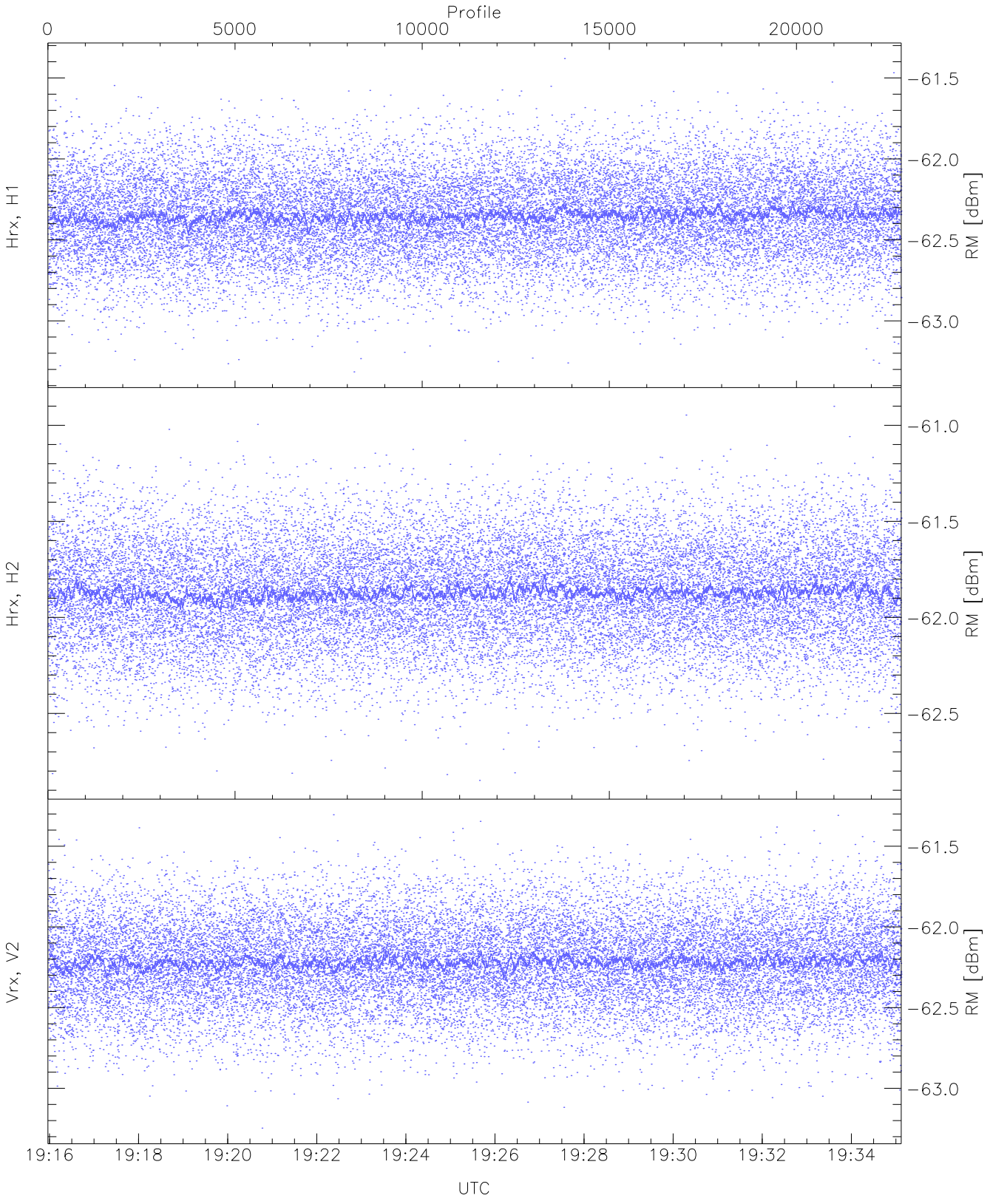
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.81	-60.97	-61.84	-61.84	-74.41
Hrx, H2(WL [dBm])	-63.02	-60.96	-61.83	-61.84	-74.41
Vrx, V2(WL [dBm])	-63.29	-61.33	-62.28	-62.29	-74.85



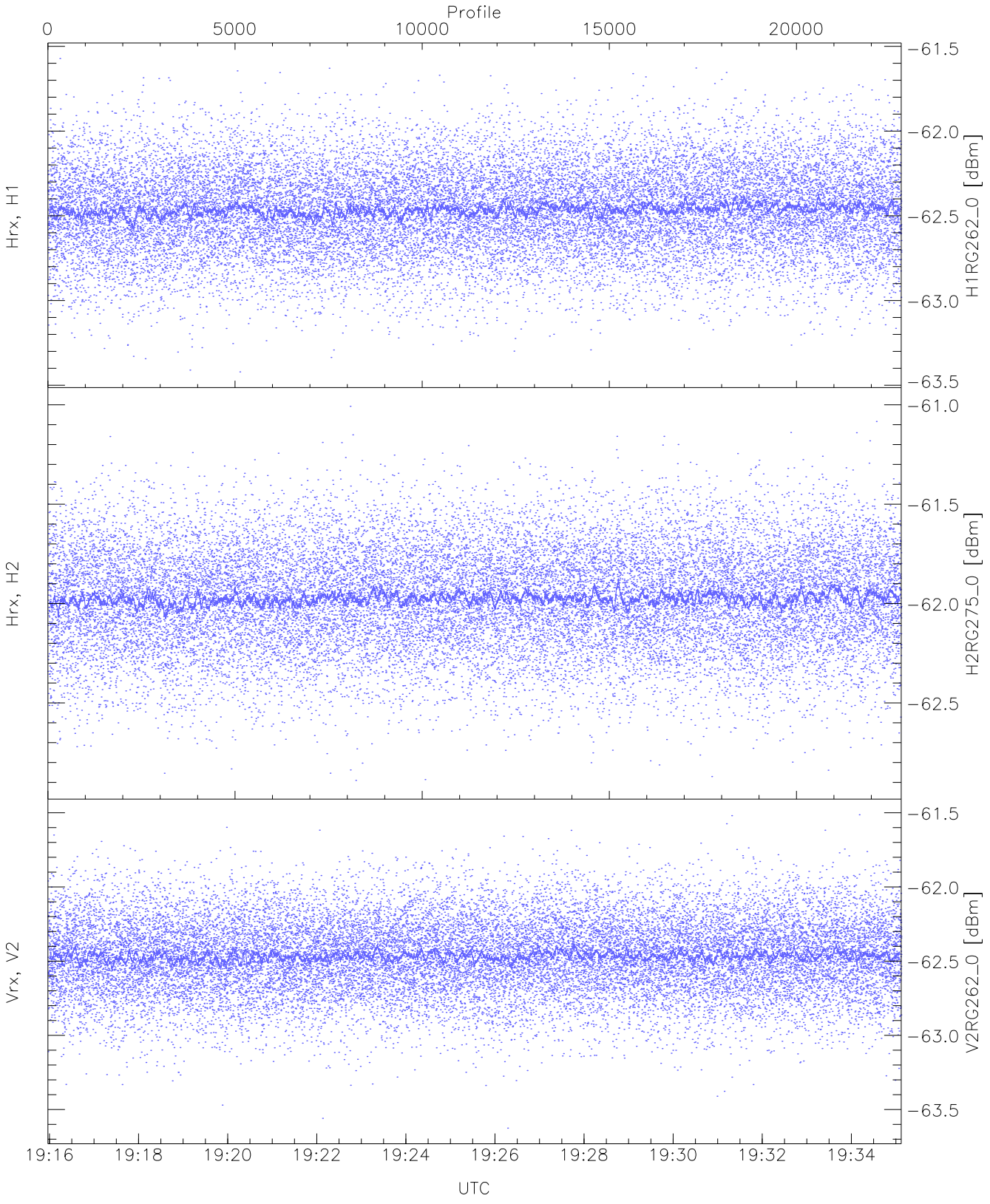
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.63	-60.53	-61.60	-61.60	-74.17
Hrx, H2(HL [dBm])	-62.50	-60.71	-61.60	-61.61	-74.14
Vrx, V2(HL [dBm])	-63.11	-61.15	-62.06	-62.06	-74.62



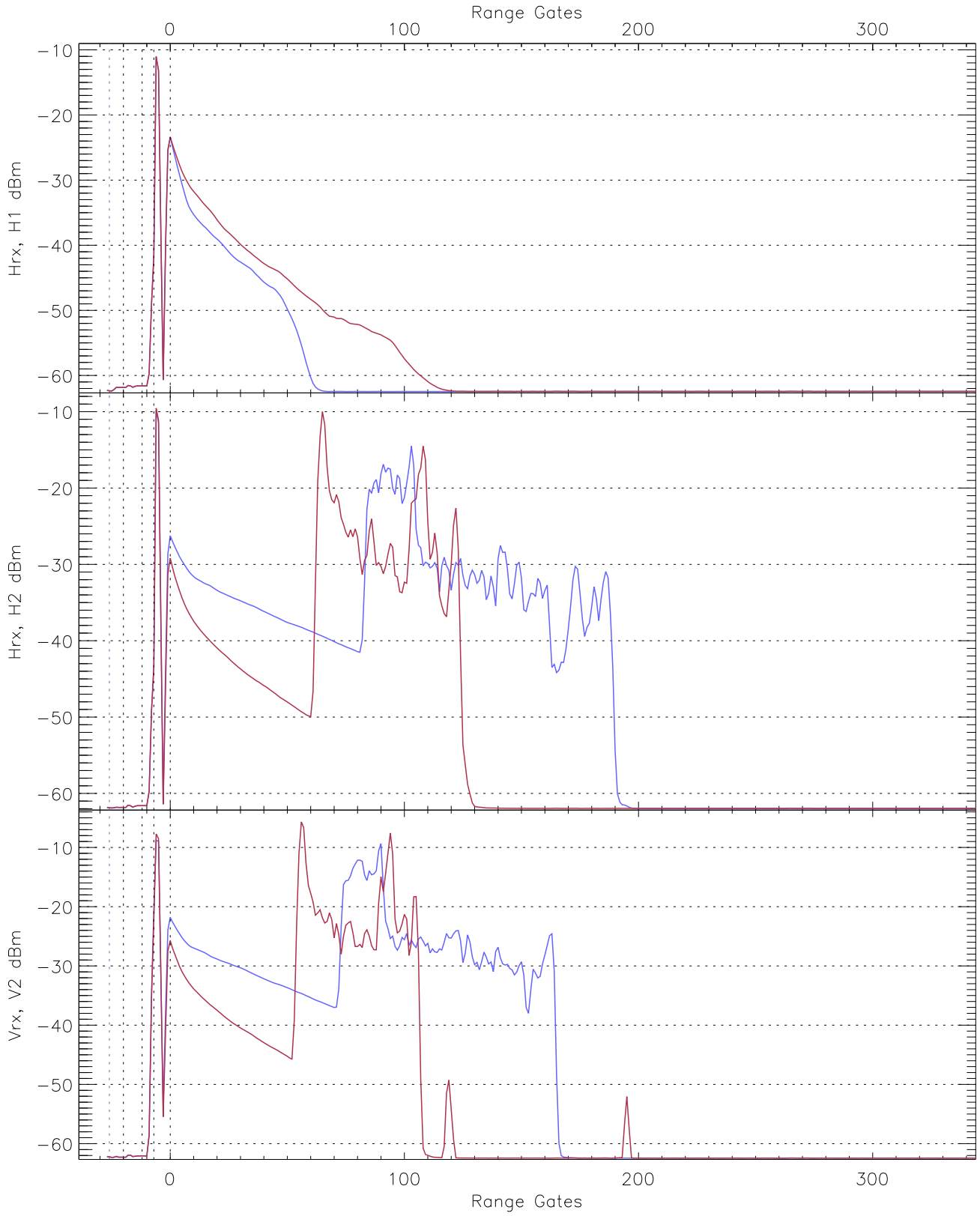
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.32	-61.38	-62.35	-62.35	-74.92
Hrx, H2(RM [dBm])	-62.85	-60.90	-61.87	-61.87	-74.45
Vrx, V2(RM [dBm])	-63.25	-61.31	-62.22	-62.22	-74.75

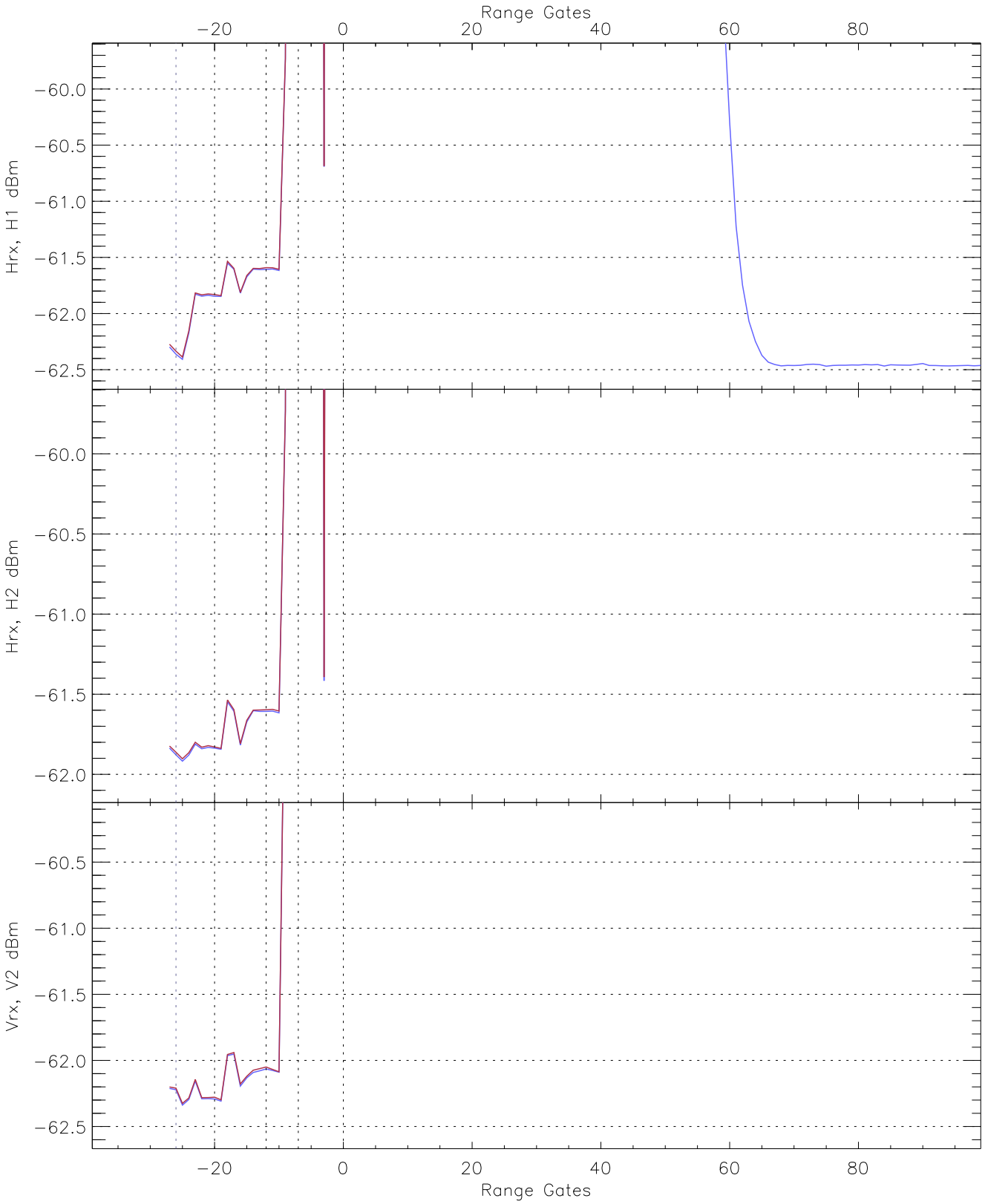


WCR2 CPP "Best" estimate Receivers Noise Power

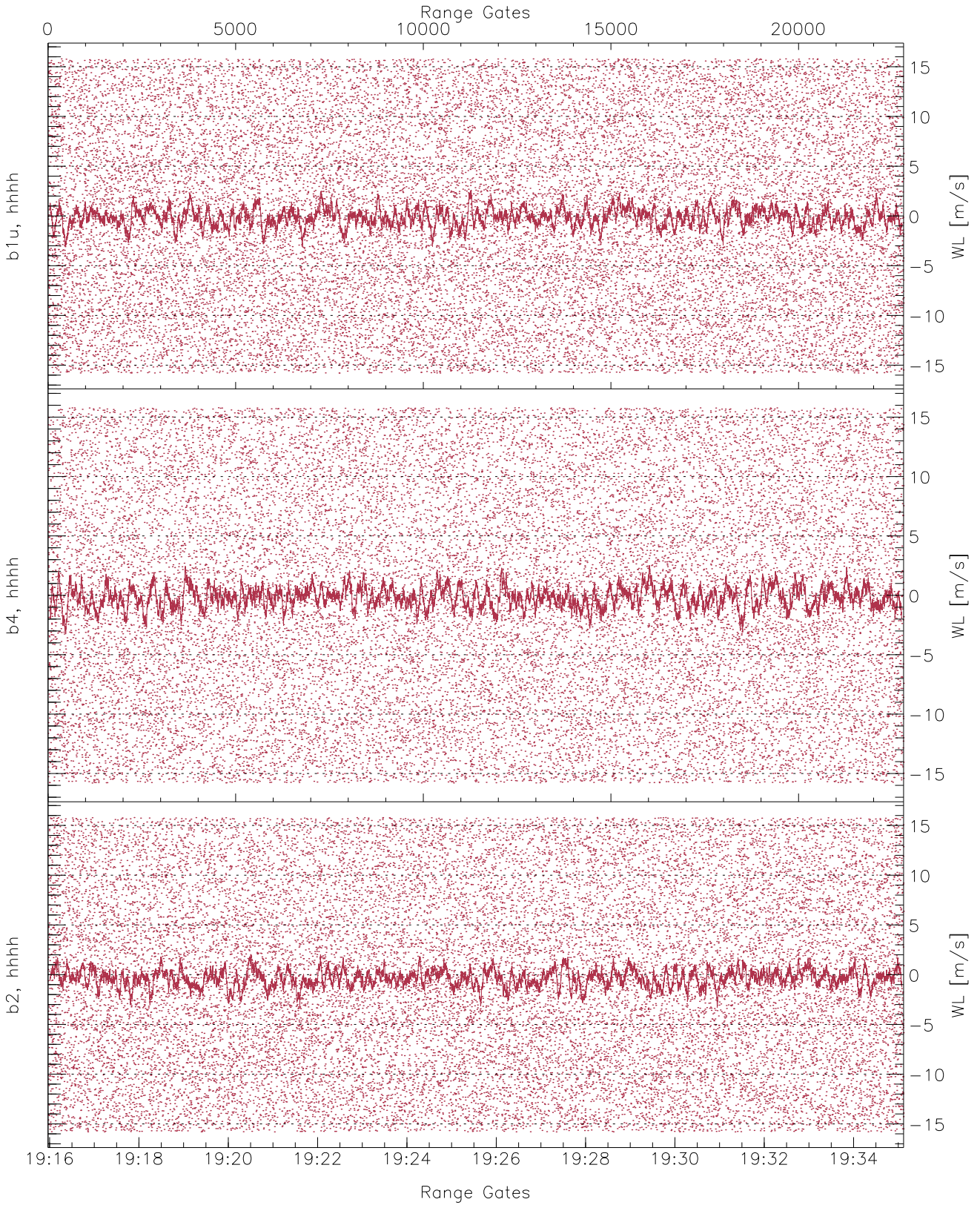
	Min	Max	Mean	Median	StDev
H1RG262_0 [dBm]	-63.42	-61.57	-62.46	-62.46	-75.01
H2RG275_0 [dBm]	-62.89	-61.01	-61.97	-61.97	-74.52
V2RG262_0 [dBm]	-63.63	-61.51	-62.46	-62.47	-74.99



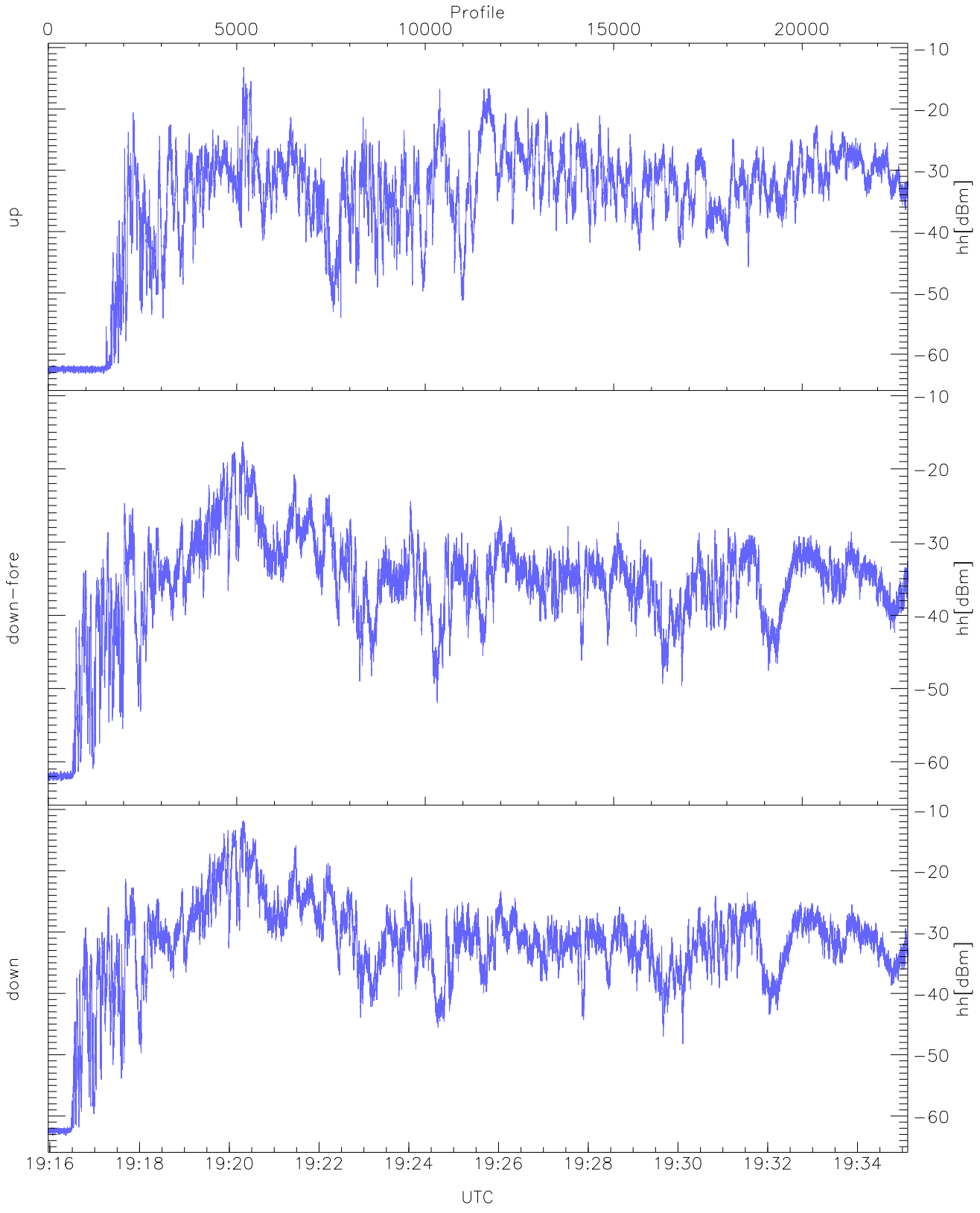
WCR2 CPP Averaged Received power for all recorded gates
blue: 191558-192533, 11401 profiles averaged
red: 192533-193507, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 191558-192533, 11401 profiles averaged
red: 192533-193507, 11400 profiles averaged

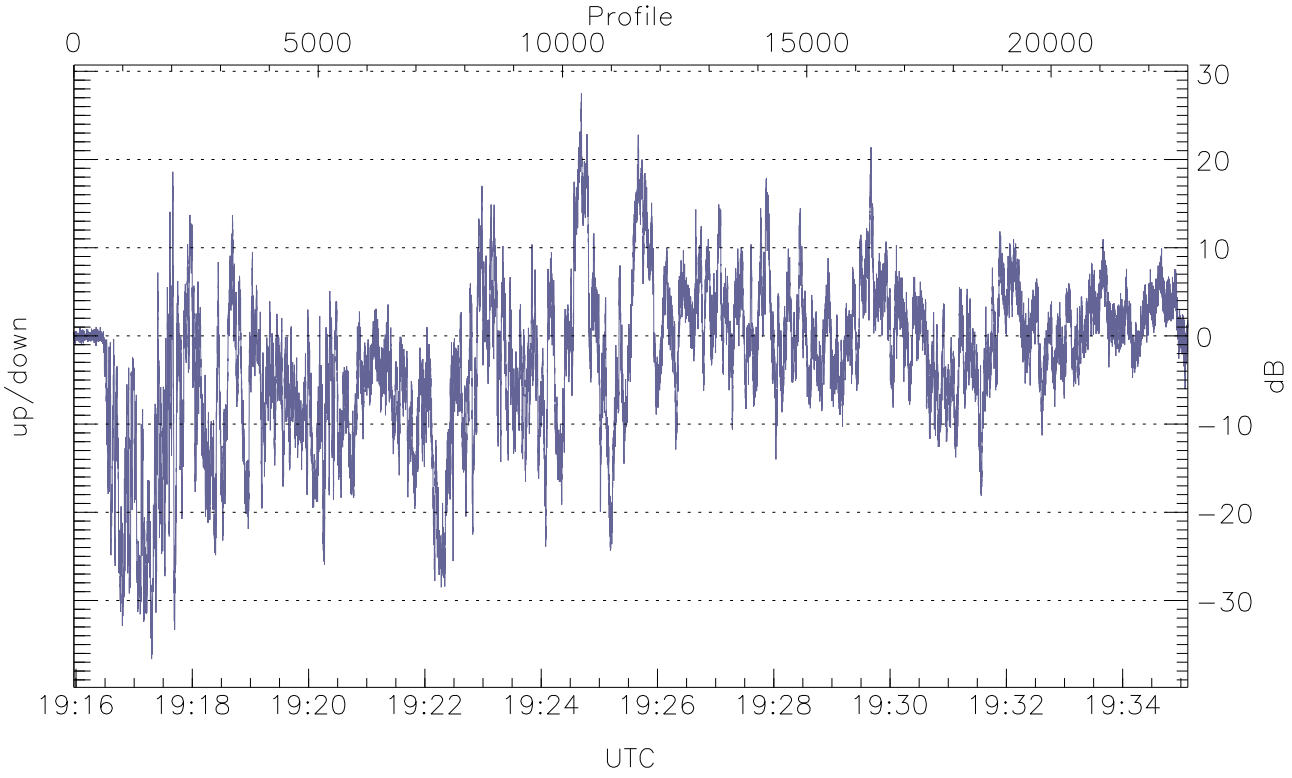


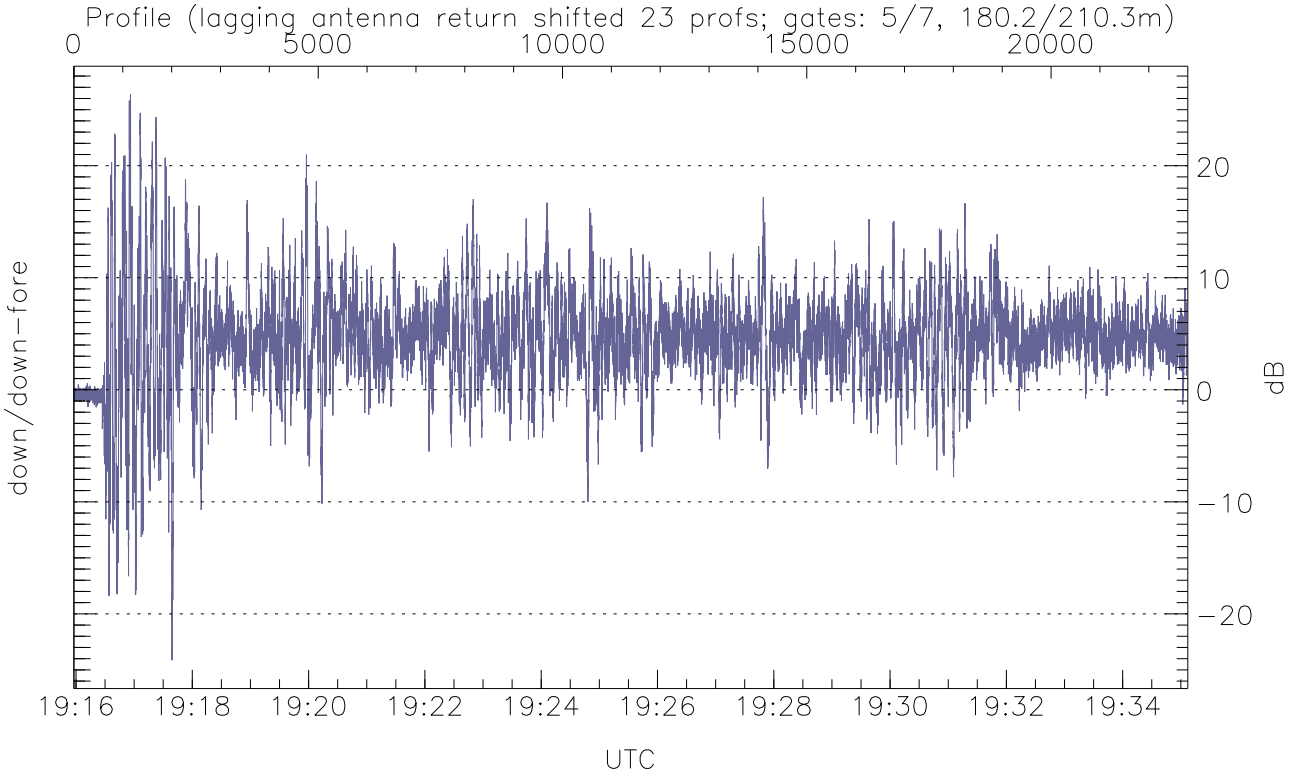
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

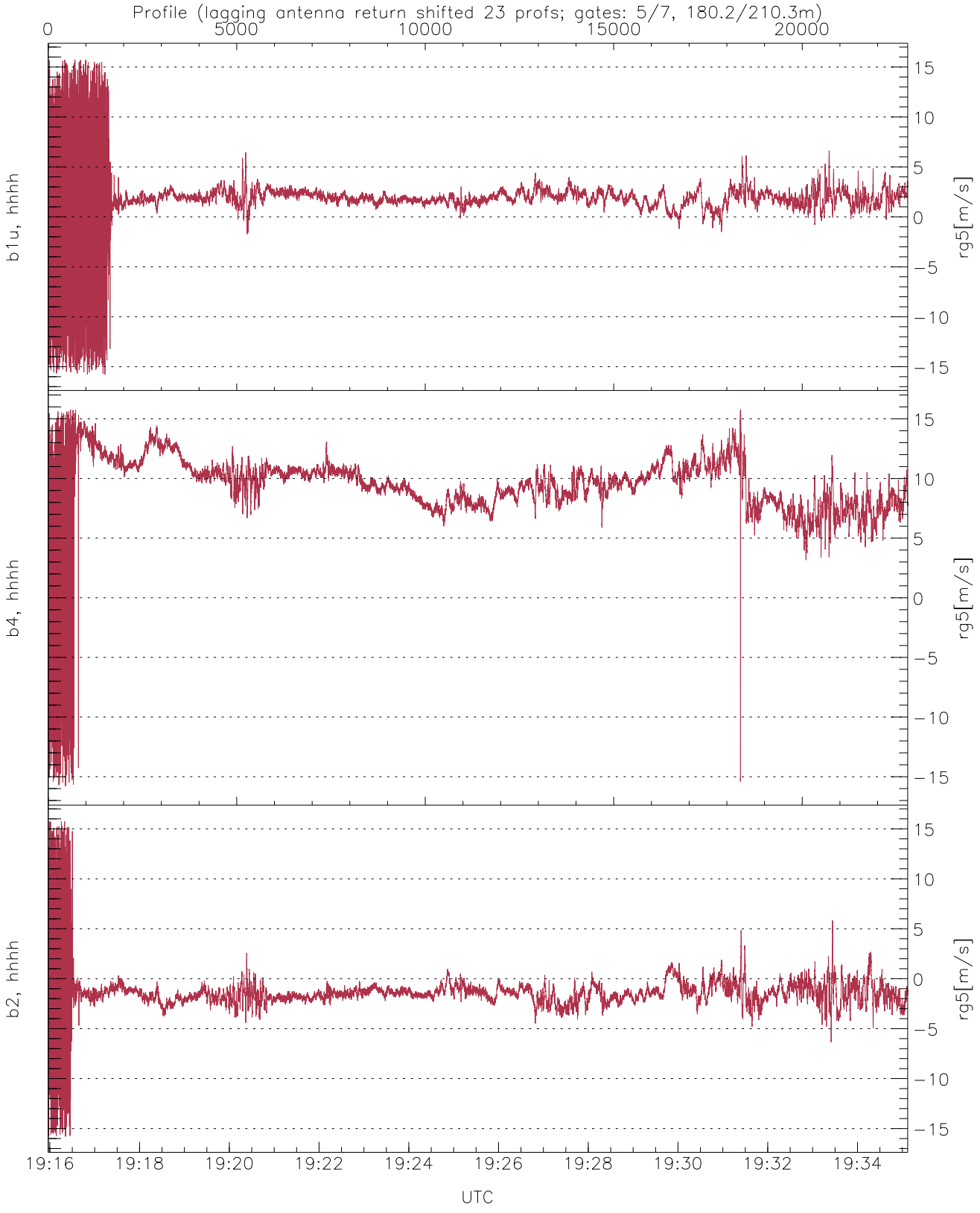
	Min	Max	Mean
up(hh[dBm])	-63.34	-13.14	-29.50
down-fore(hh[dBm])	-62.66	-16.31	-31.31
down(hh[dBm])	-63.22	-11.86	-27.18





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

	Min	Max	Mean
up/down(dB)	-36.64	27.50	-2.65
down/down-fore(dB)	-24.14	26.36	4.52



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.74	1.76	2.51
b4, hhhh(rg5[m/s])	-15.80	15.78	9.38	2.90
b2, hhhh(rg5[m/s])	-15.80	15.76	-1.44	1.78