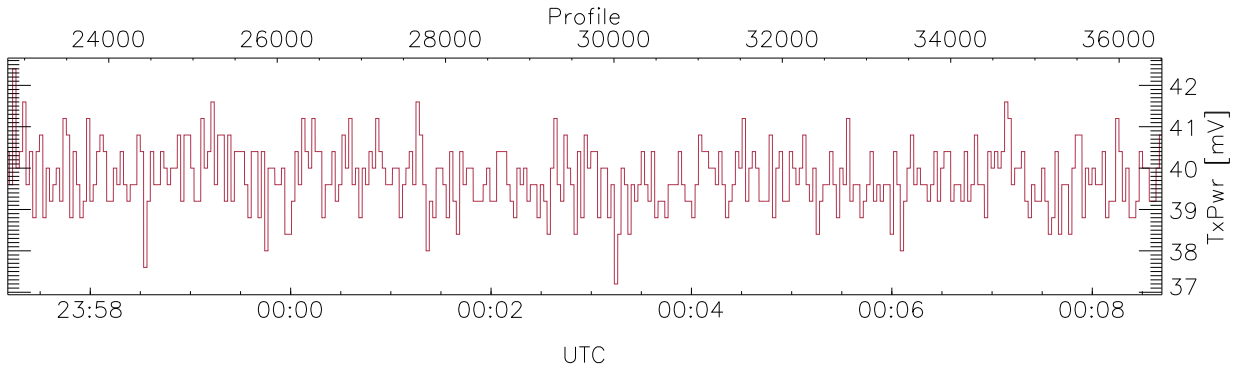
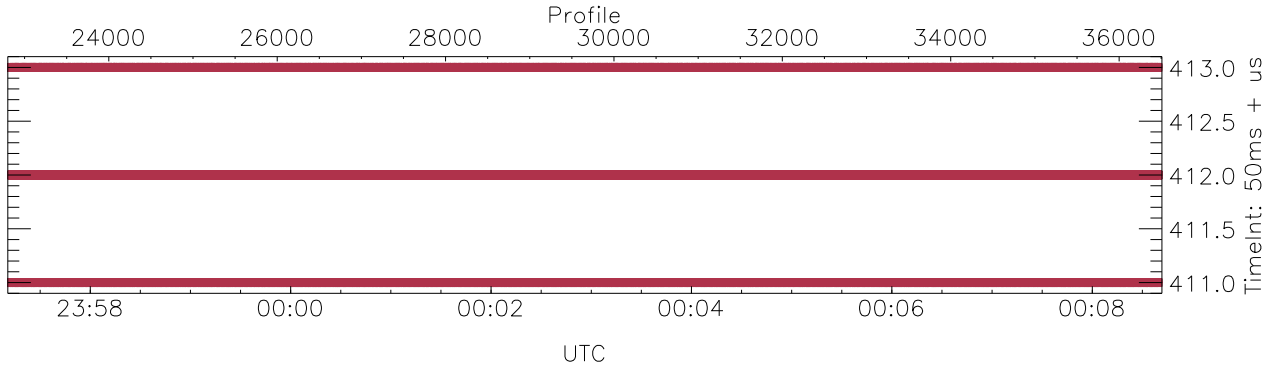
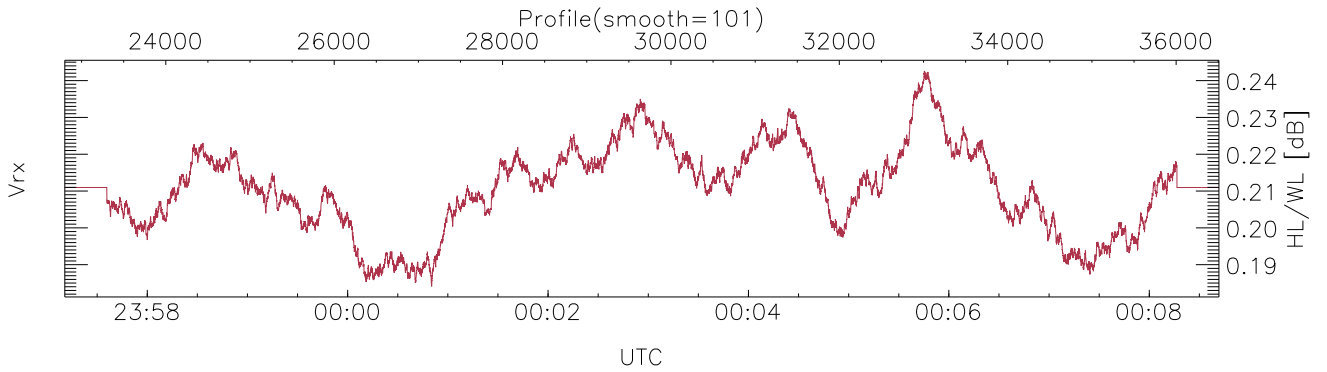
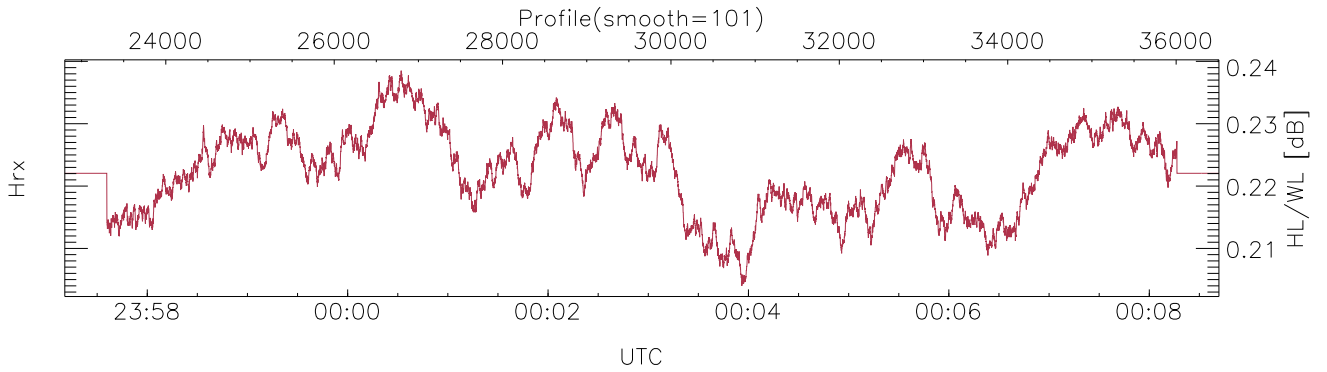


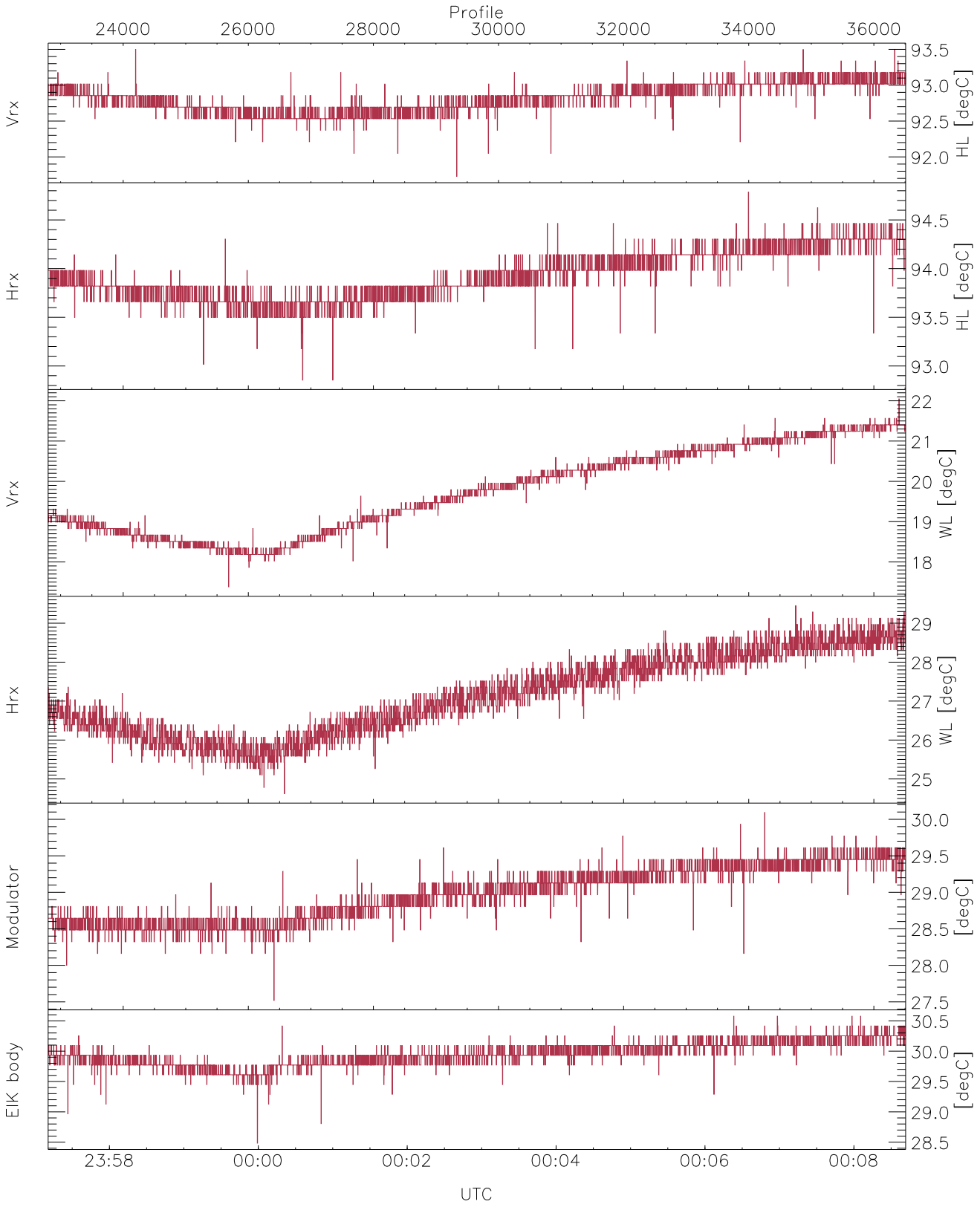






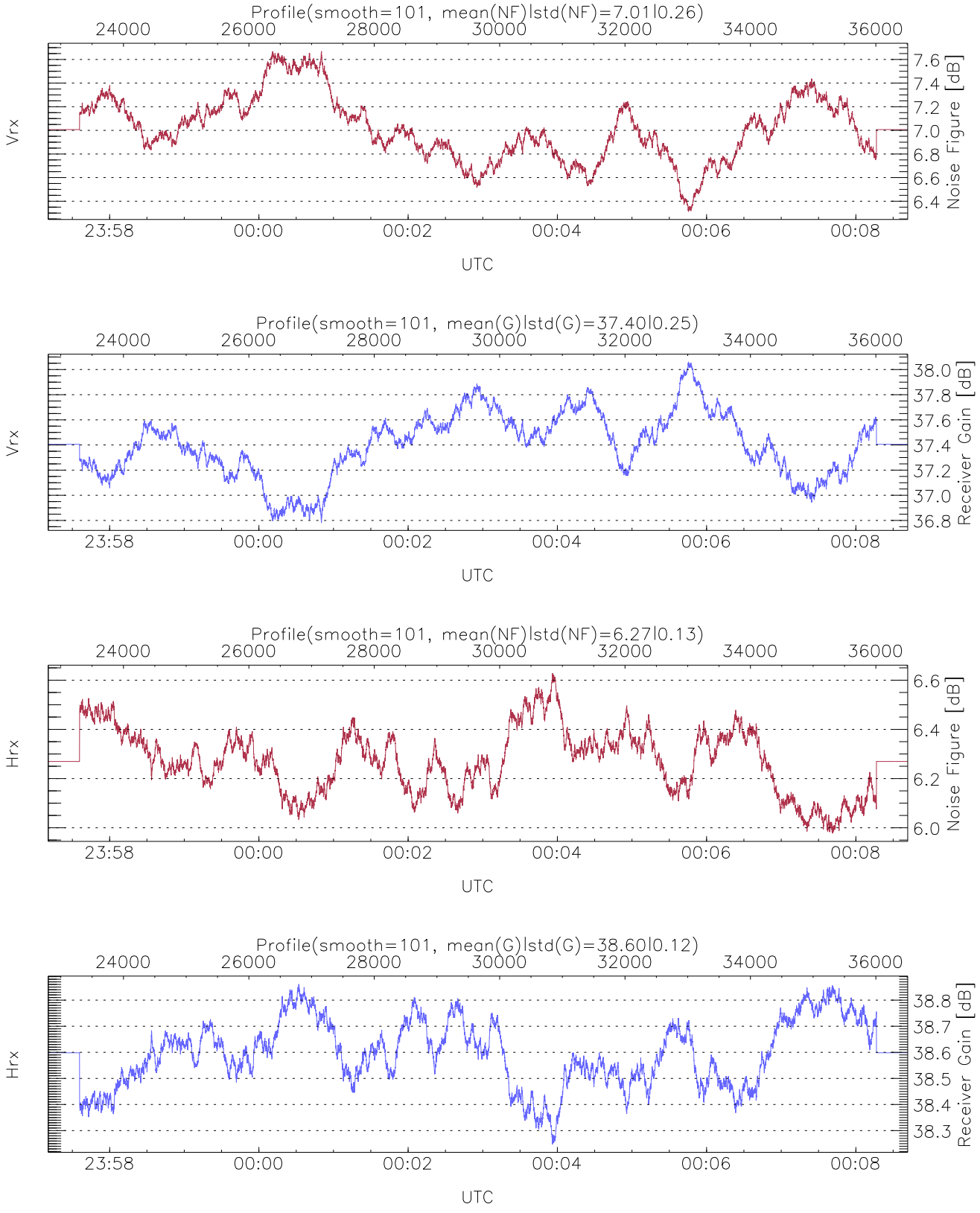
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:38:01-00:08:42, Dur: 1840.51s
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): 13710/36510, 22800-36509/23:57:11-00:08:42
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



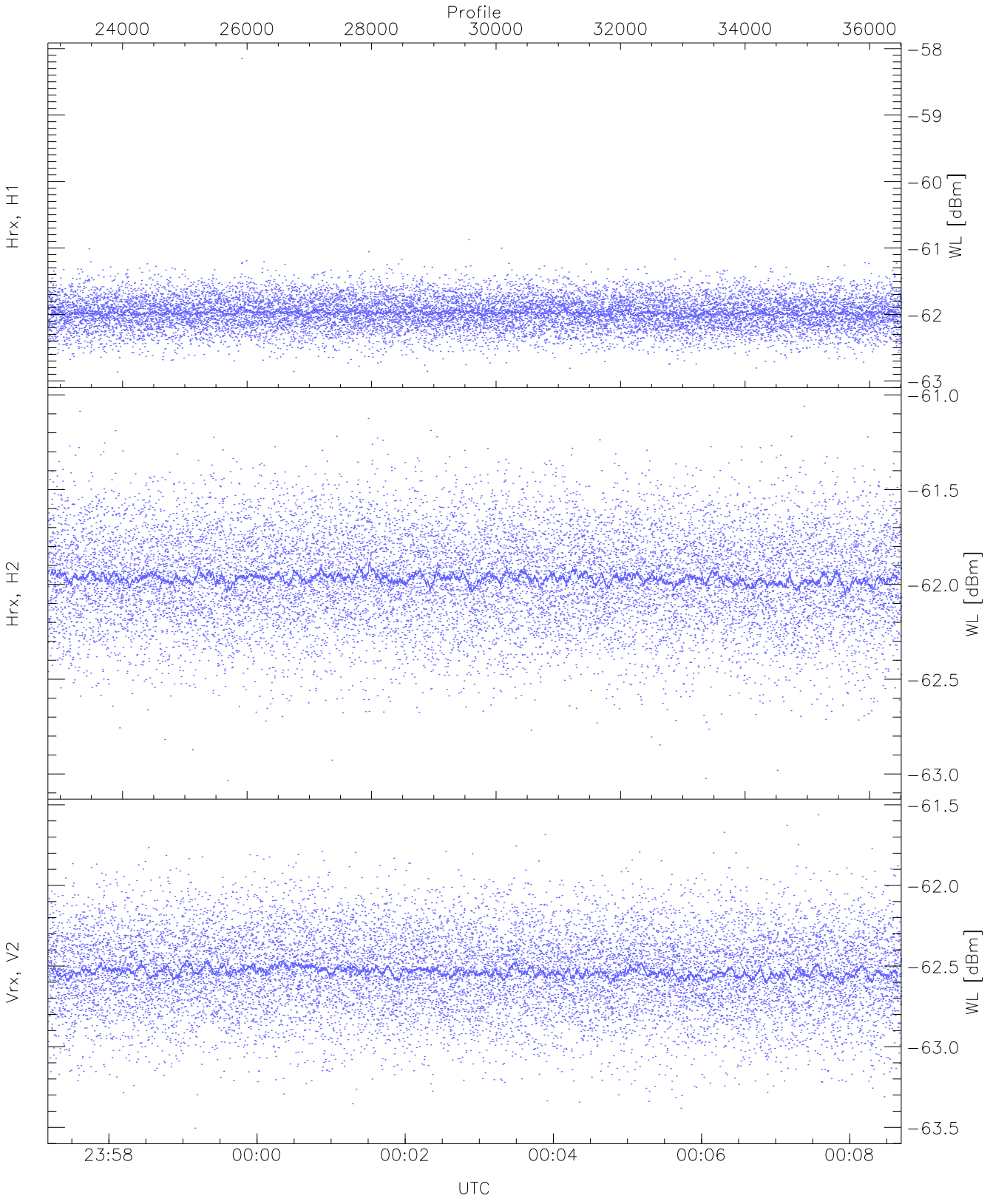
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,17,24,27,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,22,29,30,30
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (15,15,15,15,15,16)



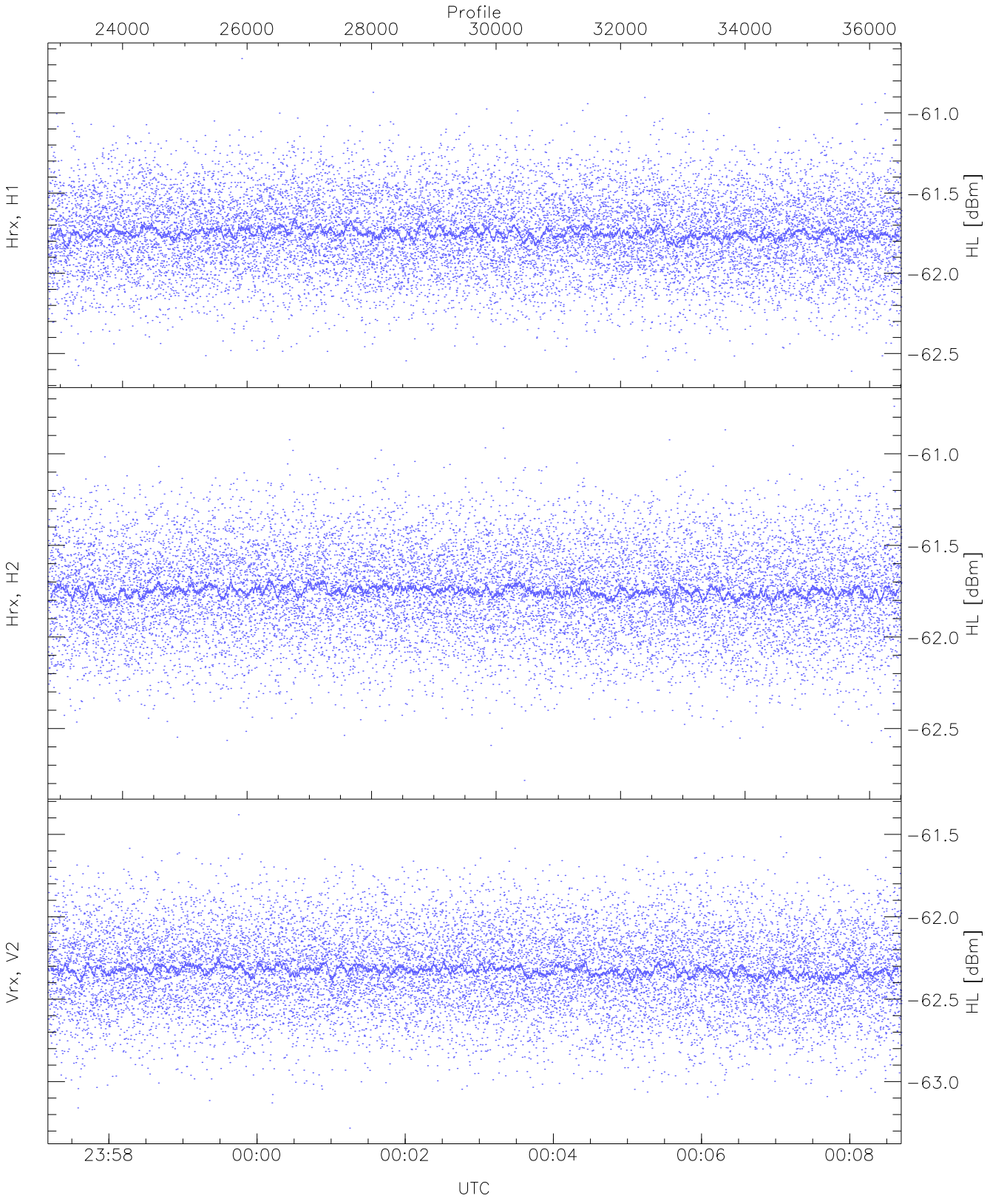
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 10791 pixs, 7 gates, 10670 profs, 1 prods



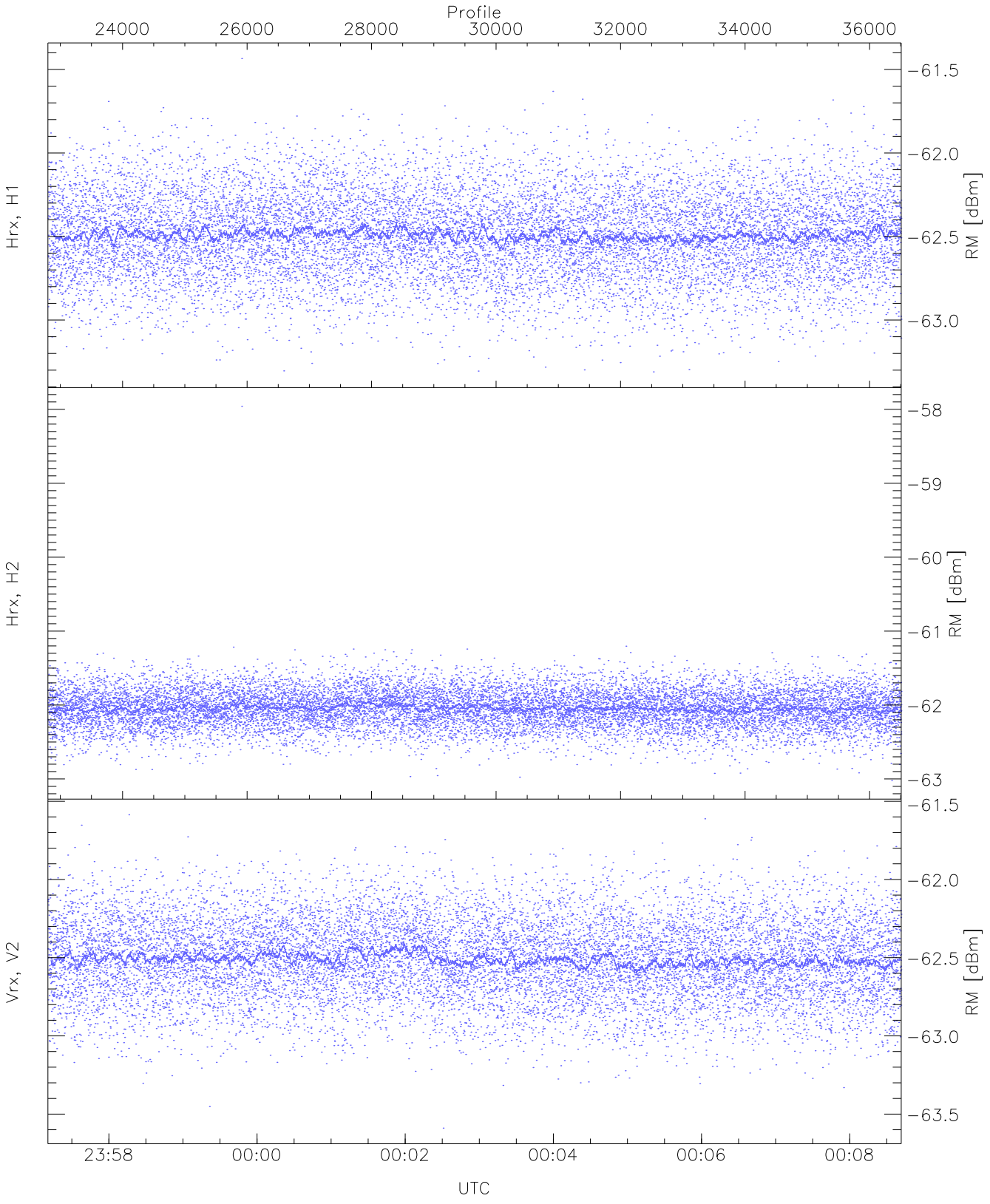
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.86	-58.15	-61.97	-61.98	-74.43
Hrx, H2(WL [dBm])	-63.03	-61.06	-61.96	-61.97	-74.57
Vrx, V2(WL [dBm])	-63.50	-61.56	-62.53	-62.54	-75.10



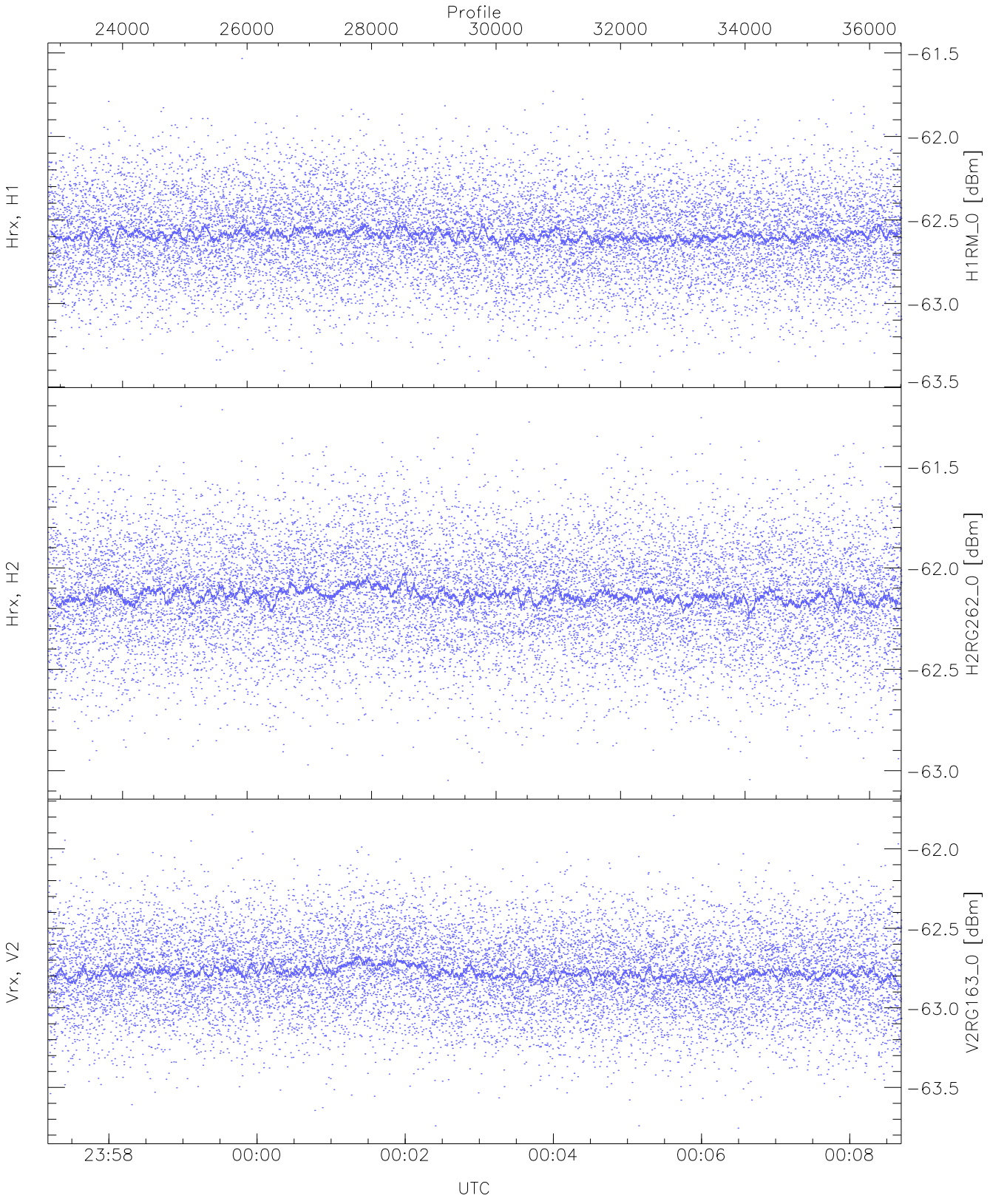
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.61	-60.66	-61.75	-61.75	-74.33
Hrx, H2(HL [dBm])	-62.78	-60.74	-61.75	-61.75	-74.33
Vrx, V2(HL [dBm])	-63.28	-61.38	-62.32	-62.33	-74.90



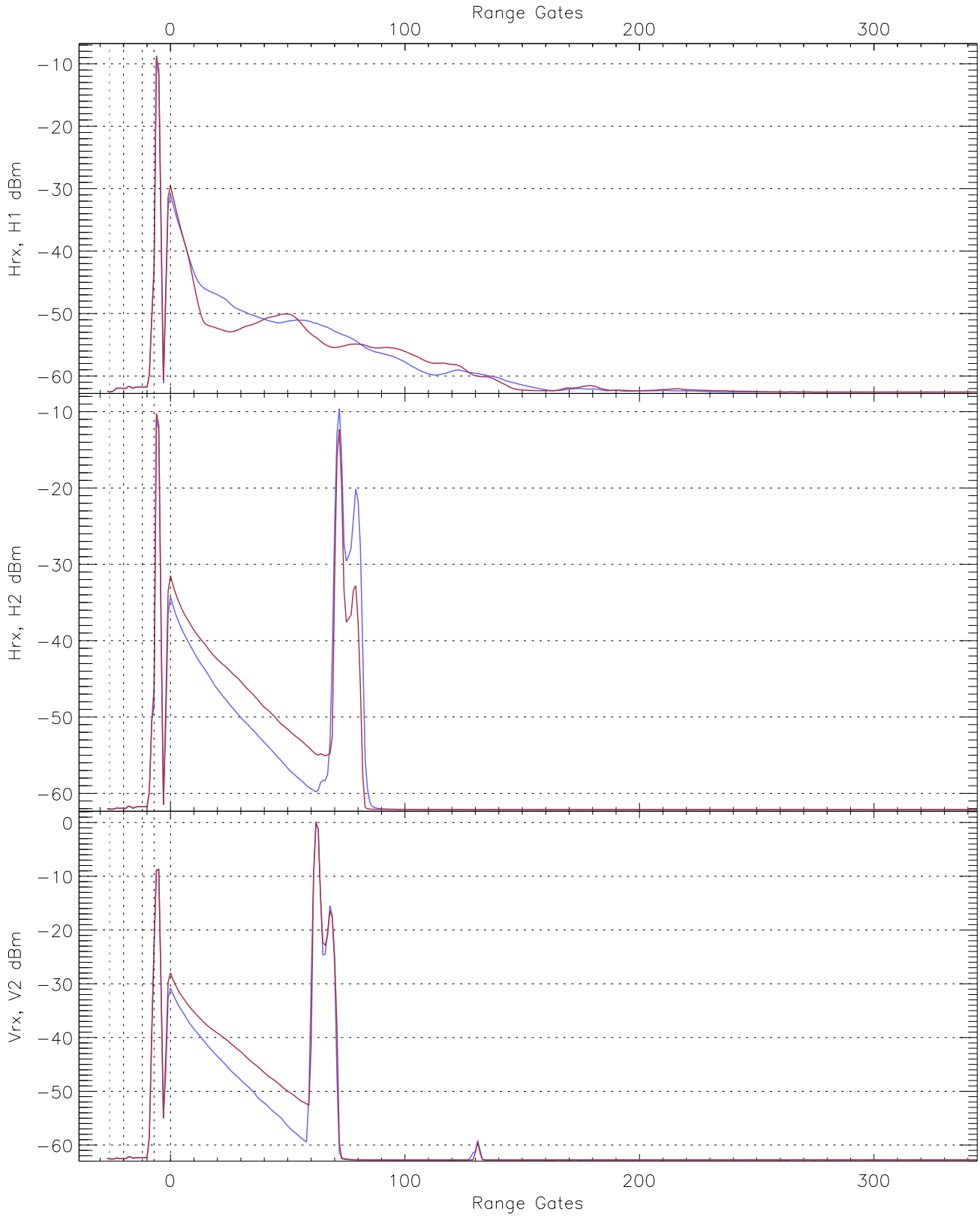
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.31	-61.43	-62.49	-62.49	-75.04
Hrx, H2(RM [dBm])	-63.02	-57.96	-62.04	-62.04	-74.48
Vrx, V2(RM [dBm])	-63.59	-61.59	-62.51	-62.51	-75.04

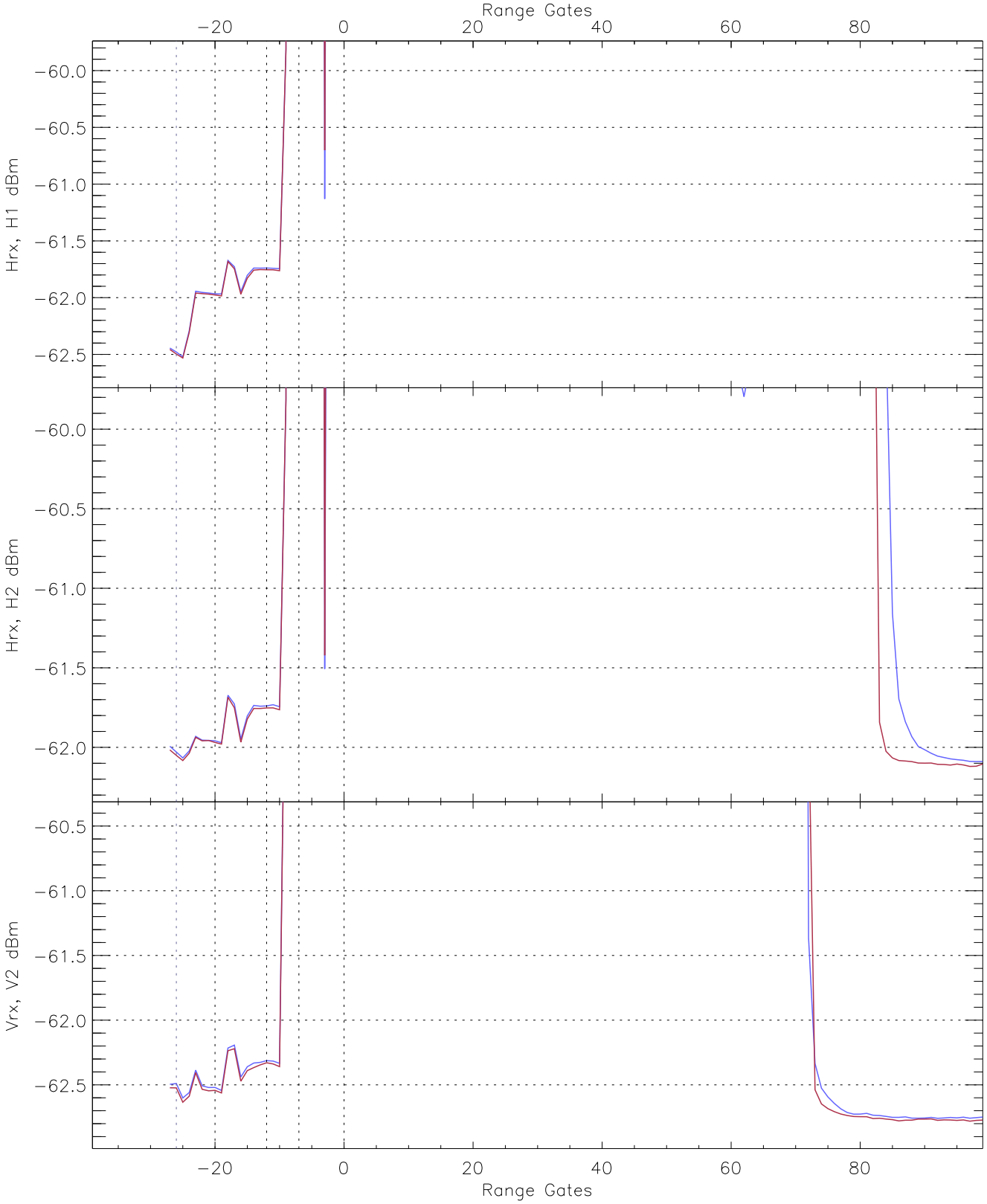


WCR2 CPP "Best" estimate Receivers Noise Power

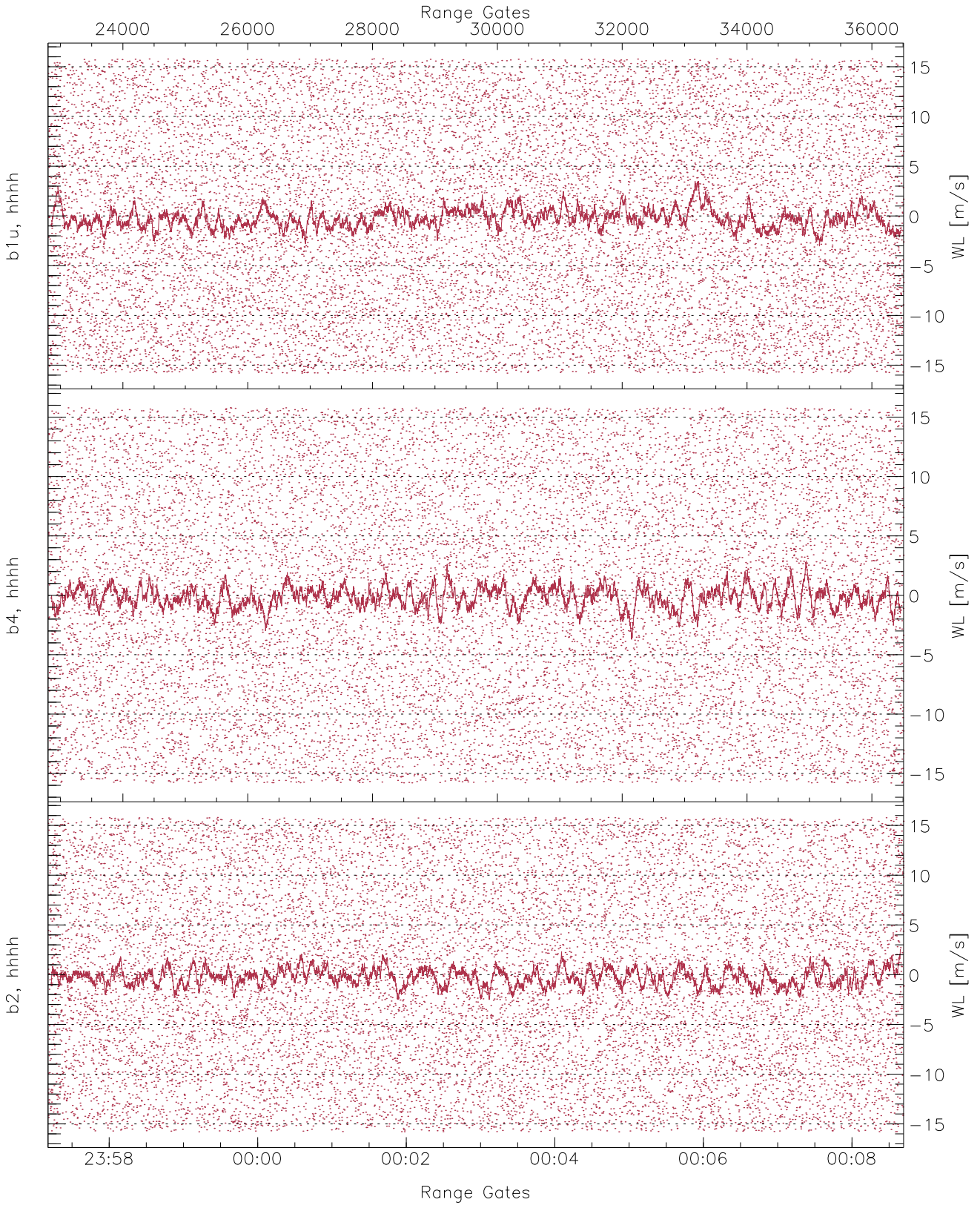
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-63.41	-61.53	-62.59	-62.59	-75.14
H2RG262_0 [dBm]	-63.05	-61.20	-62.13	-62.14	-74.69
V2RG163_0 [dBm]	-63.76	-61.79	-62.77	-62.78	-75.29



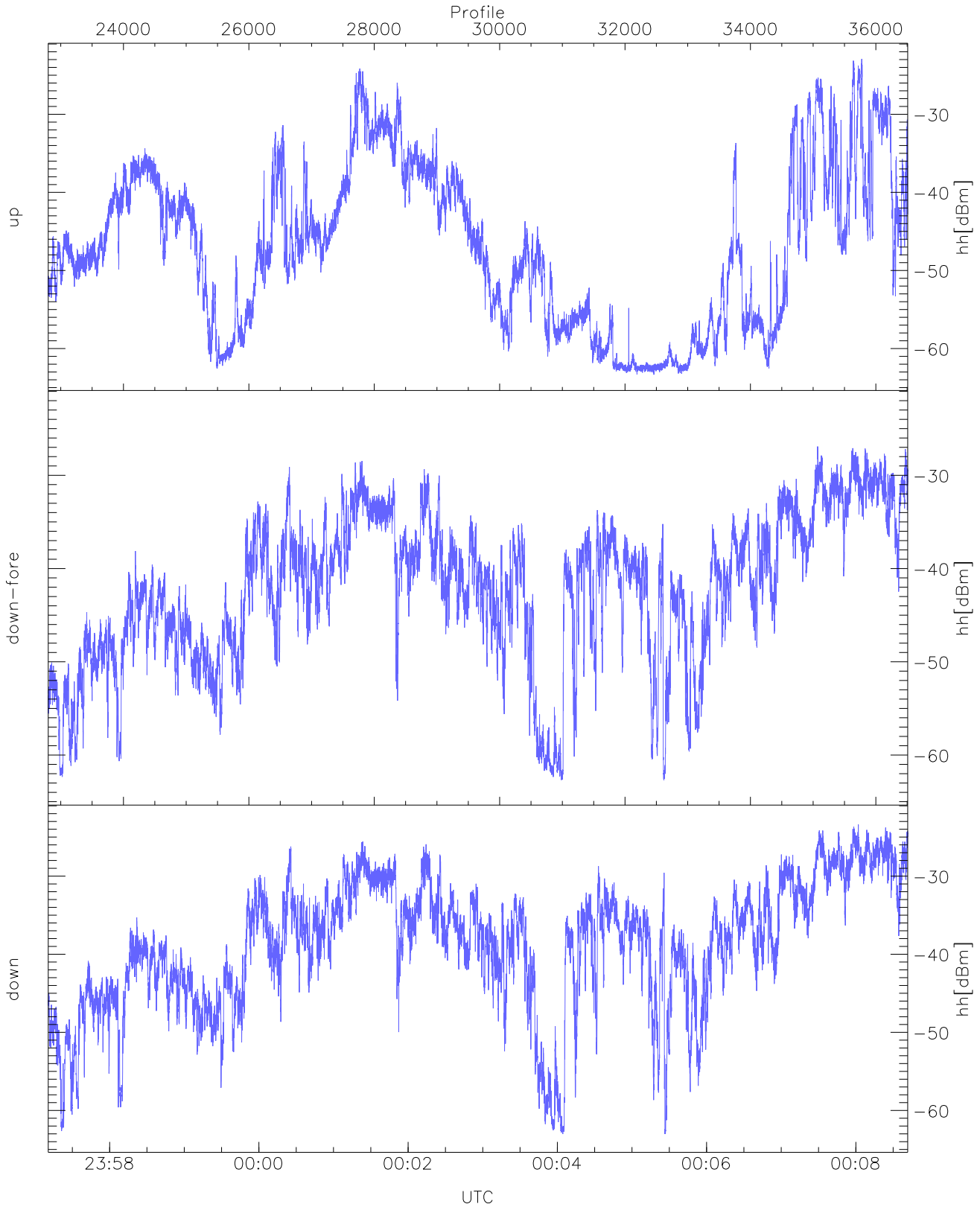
WCR2 CPP Averaged Received power for all recorded gates
blue: 235711-240256, 6856 profiles averaged
red: 240256-000842, 6855 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 235711-240256, 6856 profiles averaged
red: 240256-000842, 6855 profiles averaged

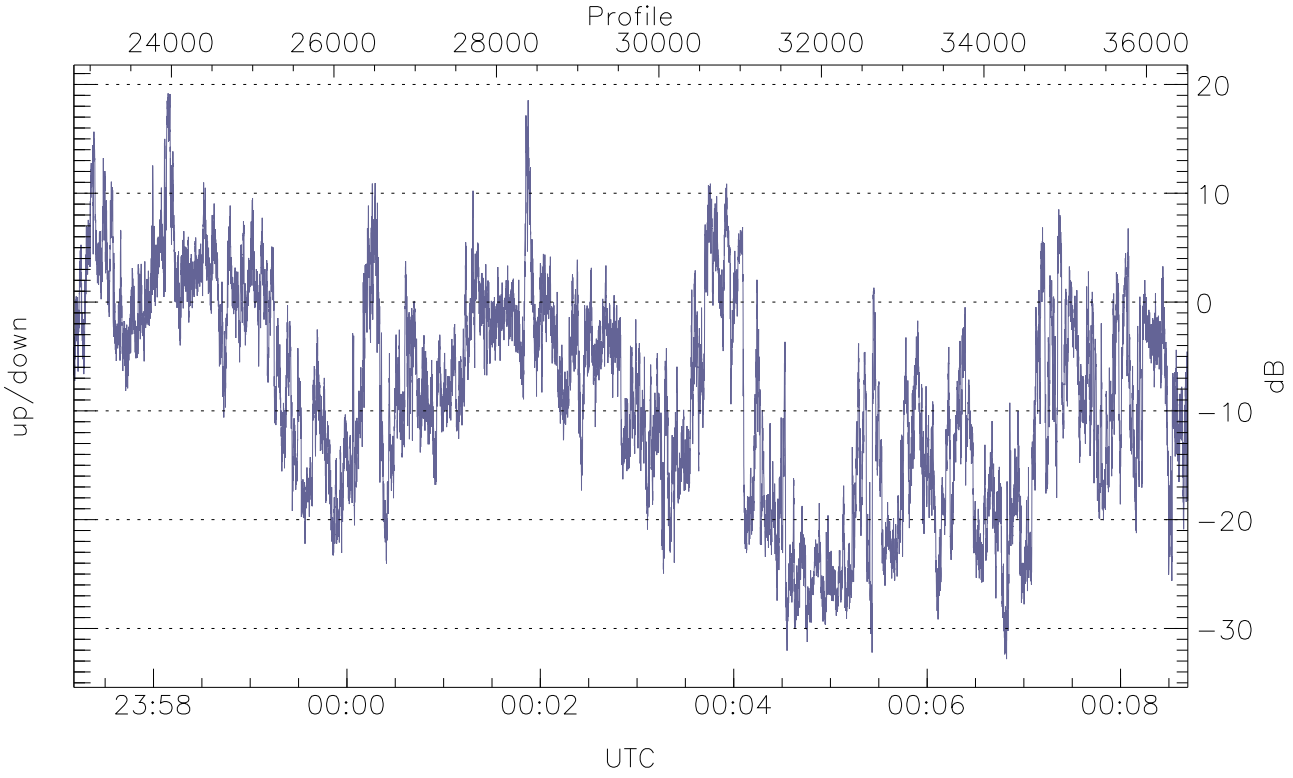


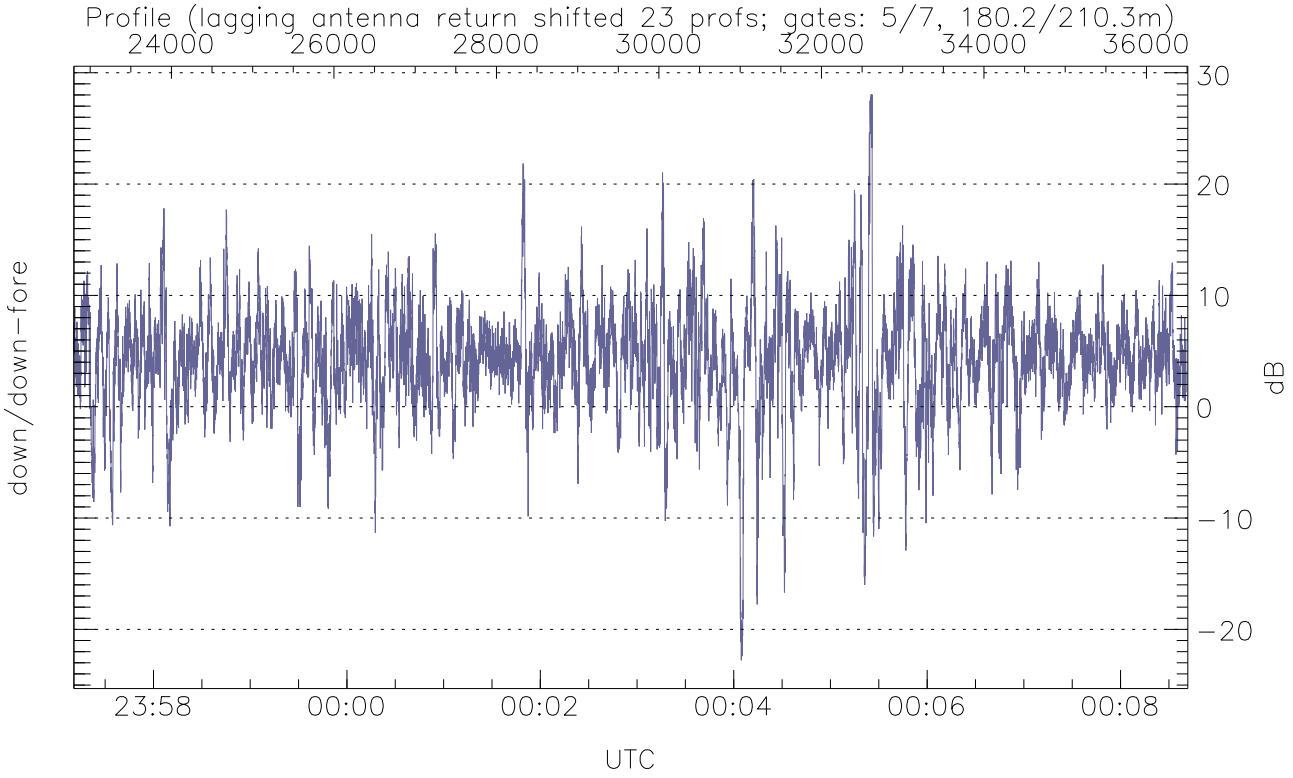
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

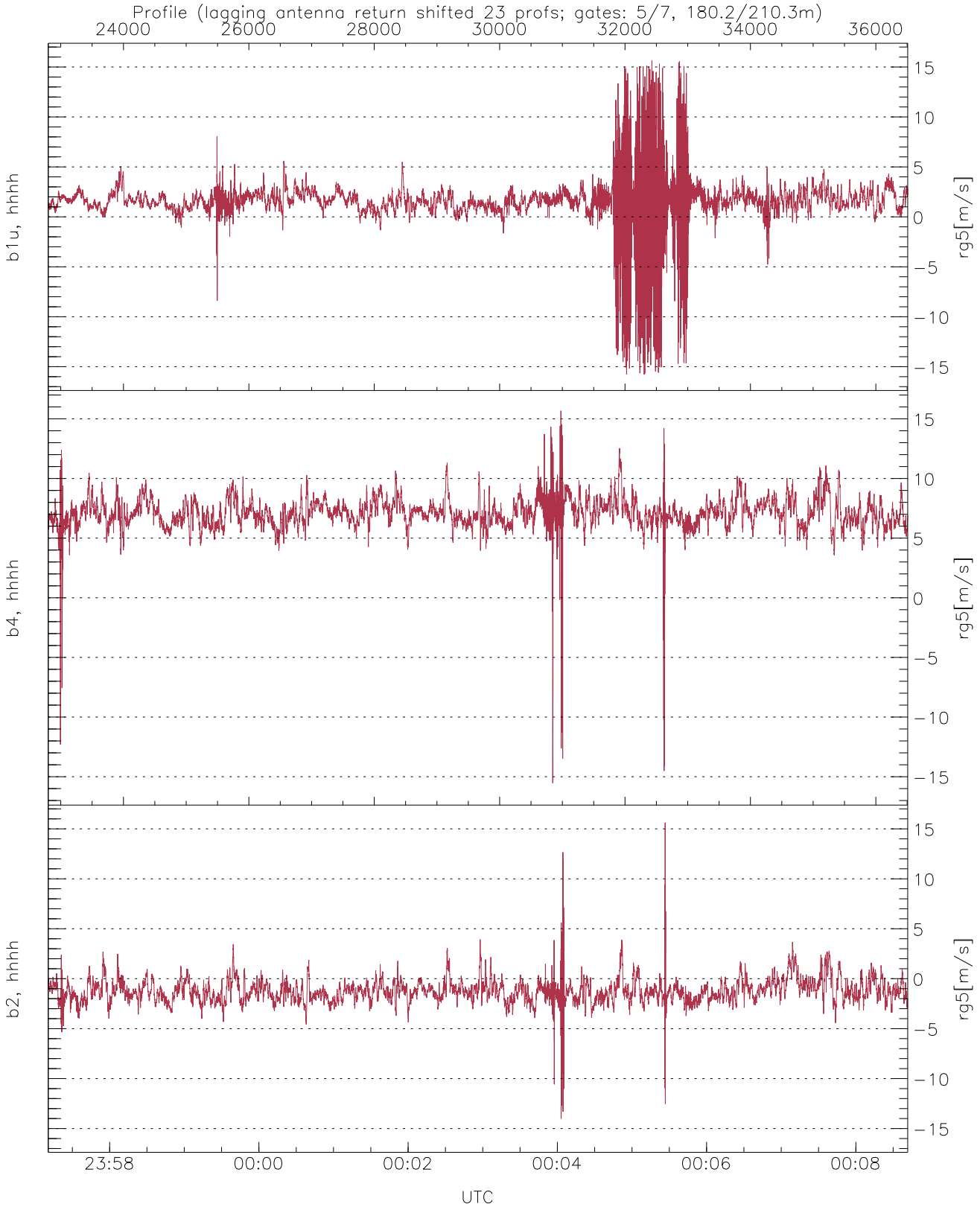
	Min	Max	Mean
up(hh[dBm])	-63.34	-22.93	-37.33
down-fore(hh[dBm])	-62.69	-26.90	-37.08
down(hh[dBm])	-63.01	-23.40	-33.56





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

	Min	Max	Mean
up/down(dB)	-32.81	19.19	-8.34
down/down-fore(dB)	-22.77	28.04	4.29



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.68	1.57	2.11
b4, hhhh(rg5[m/s])	-15.53	15.68	7.11	1.34
b2, hhhh(rg5[m/s])	-14.01	15.62	-1.22	1.18