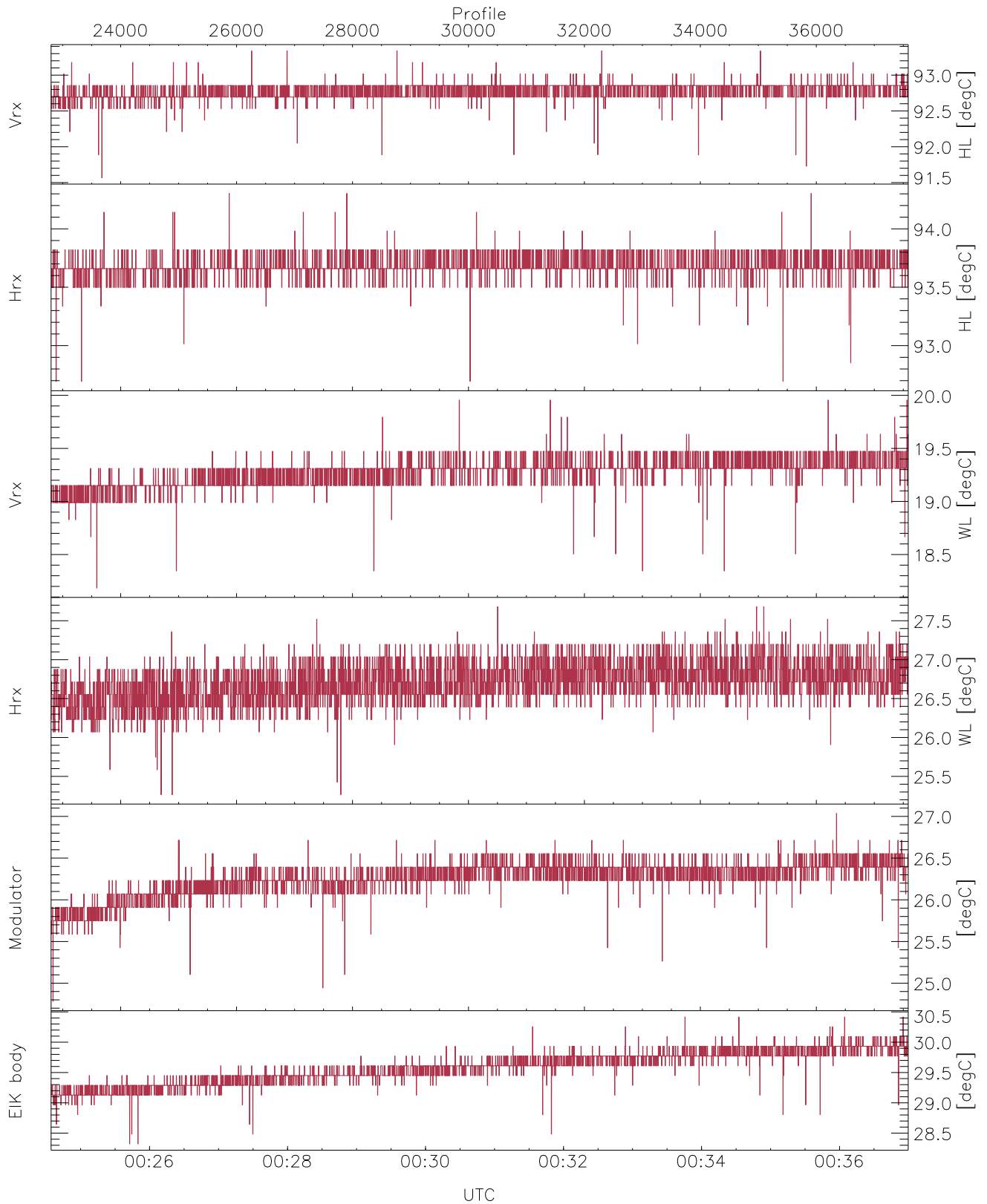


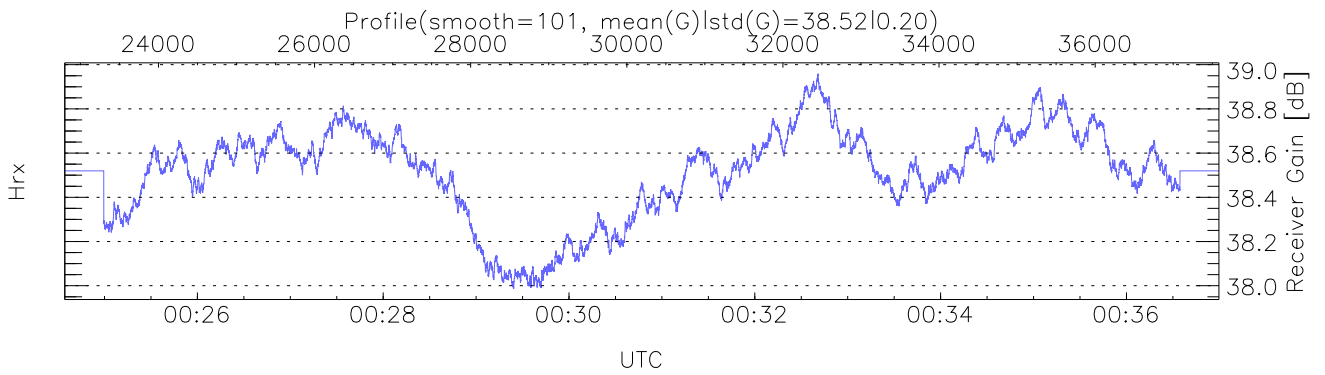
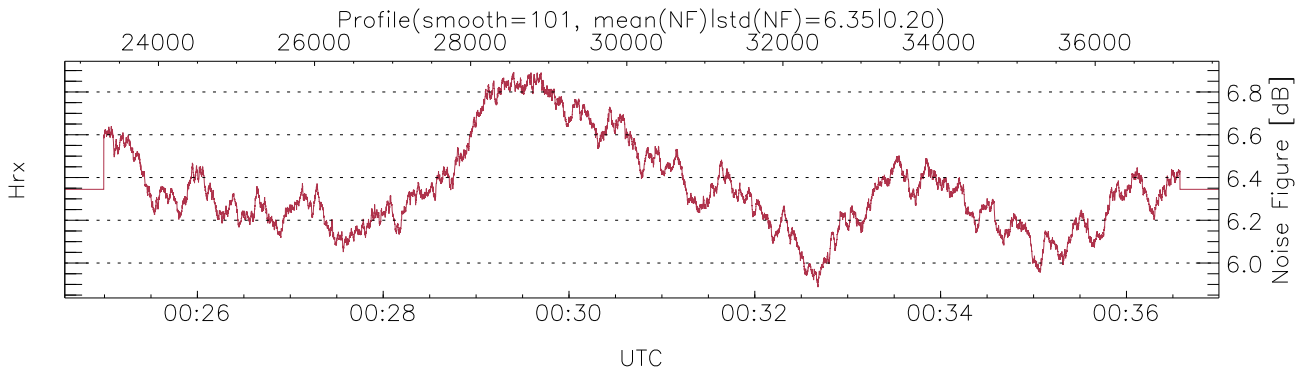
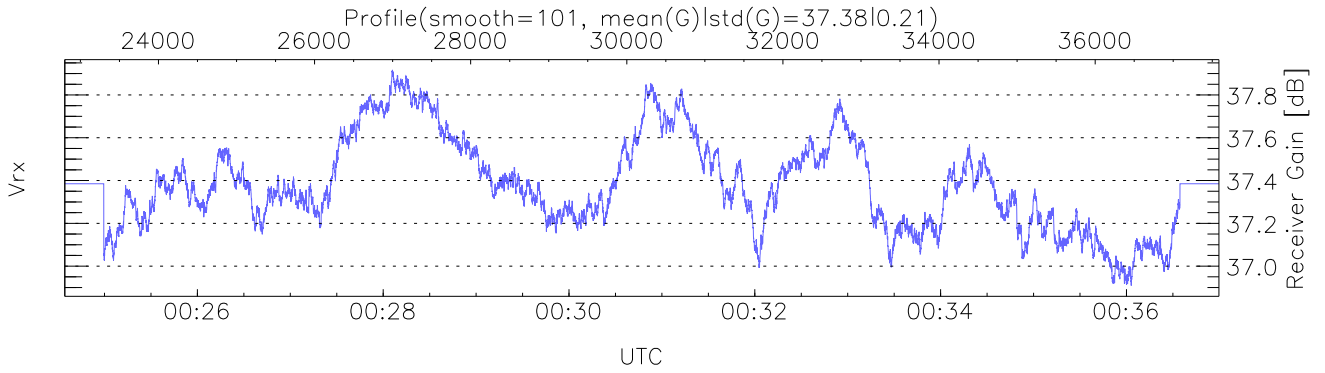
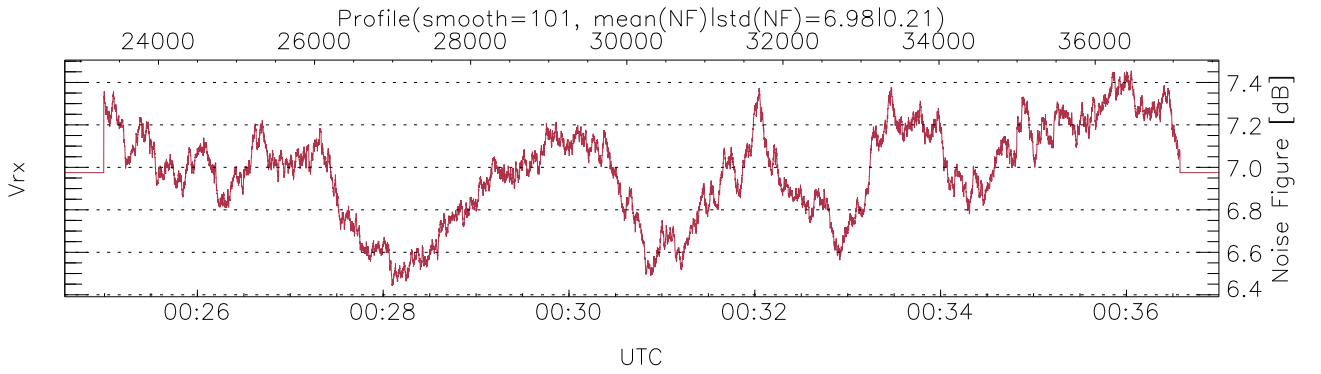
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 00:05:25-00:37:00, Dur: 1894.81s  
 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): 14787/37587, 22800-37586/00:24:34-00:37:00  
 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



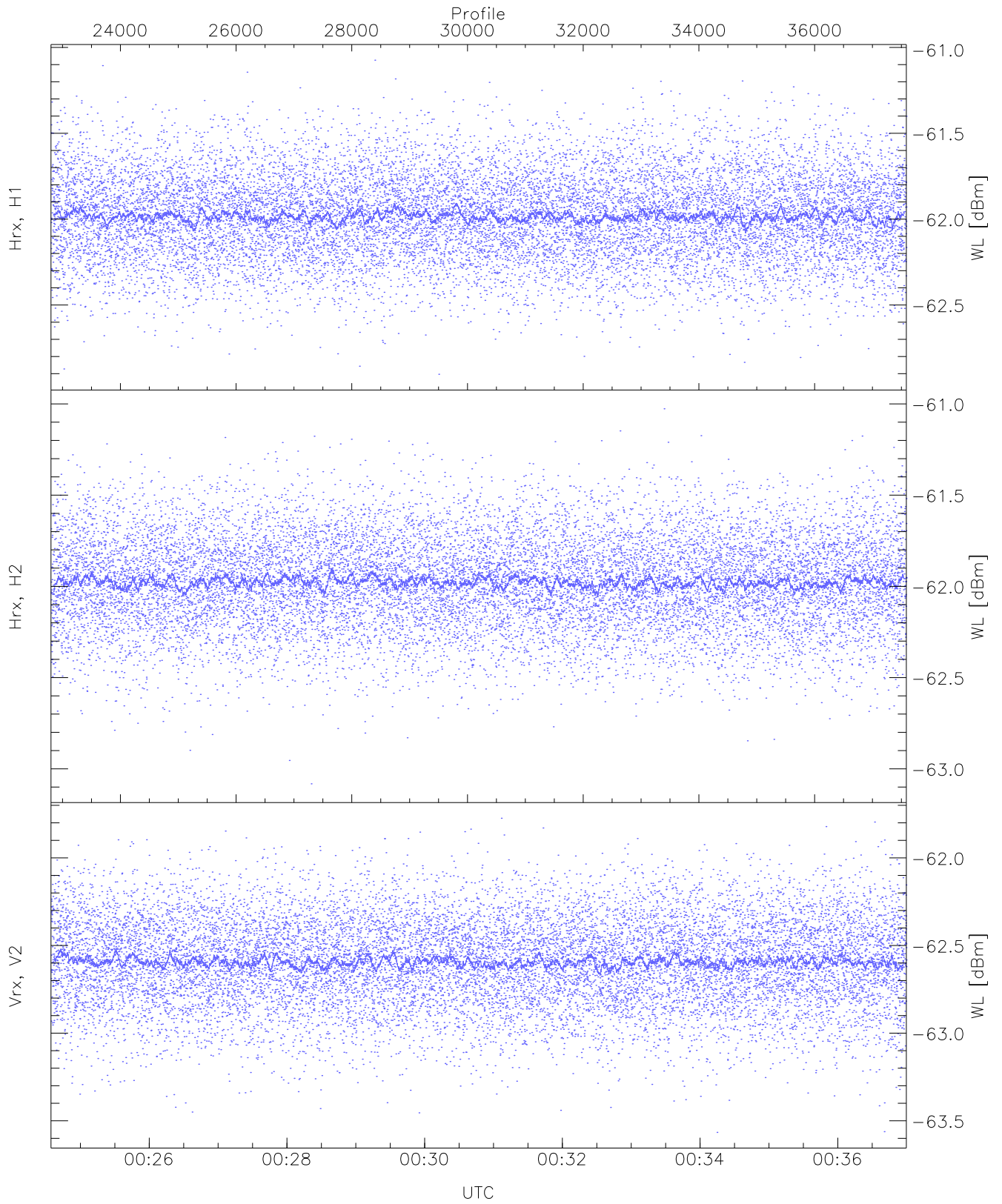
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,18,25,24,28  
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,19,27,27,30  
 LOalarm(20,80,240,2.8,14.8 MHz): None  
 EIK Faults(# prof affected):  
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,5,11)



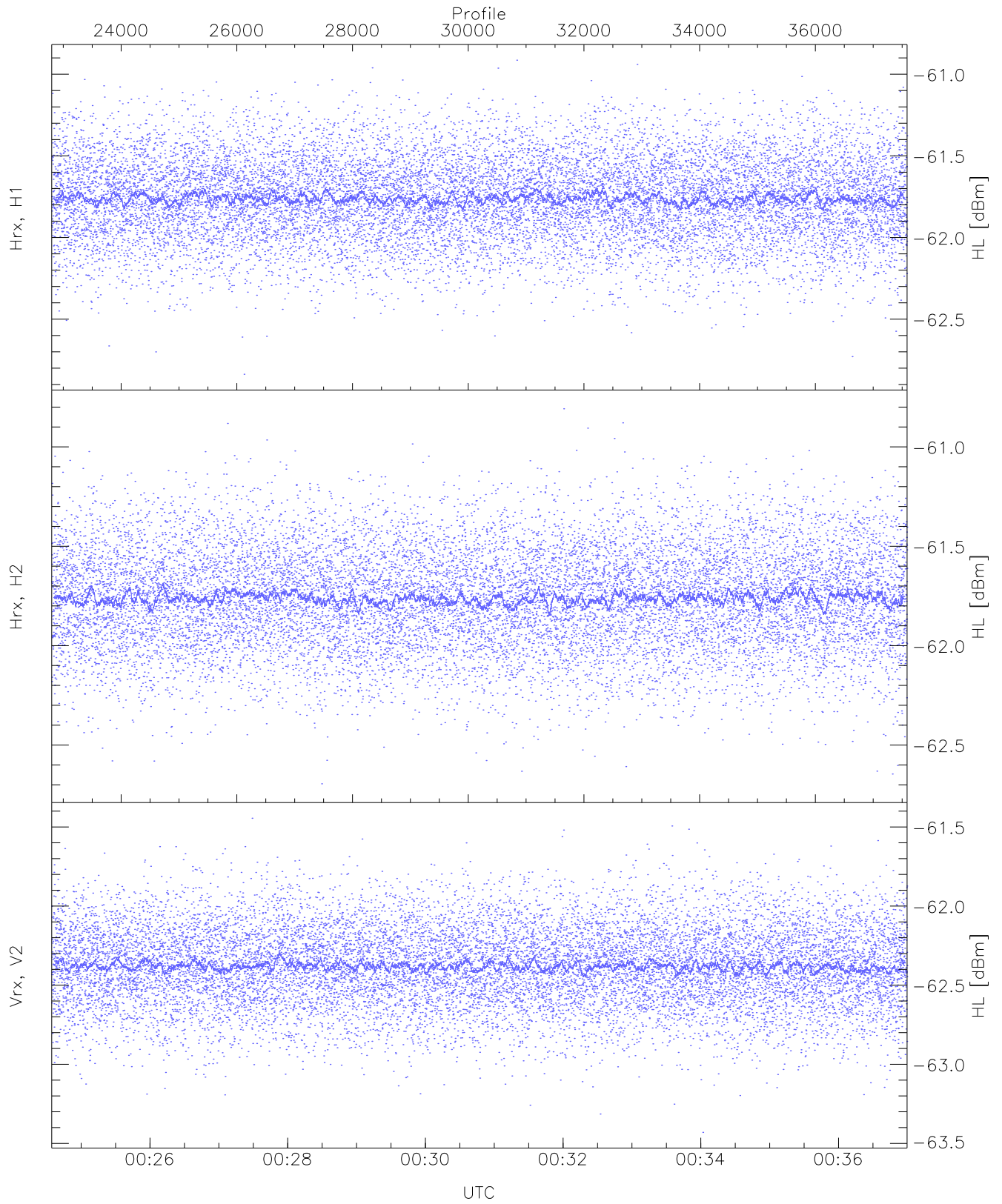
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 6632 pixs, 5 gates, 6627 profs, 1 prods



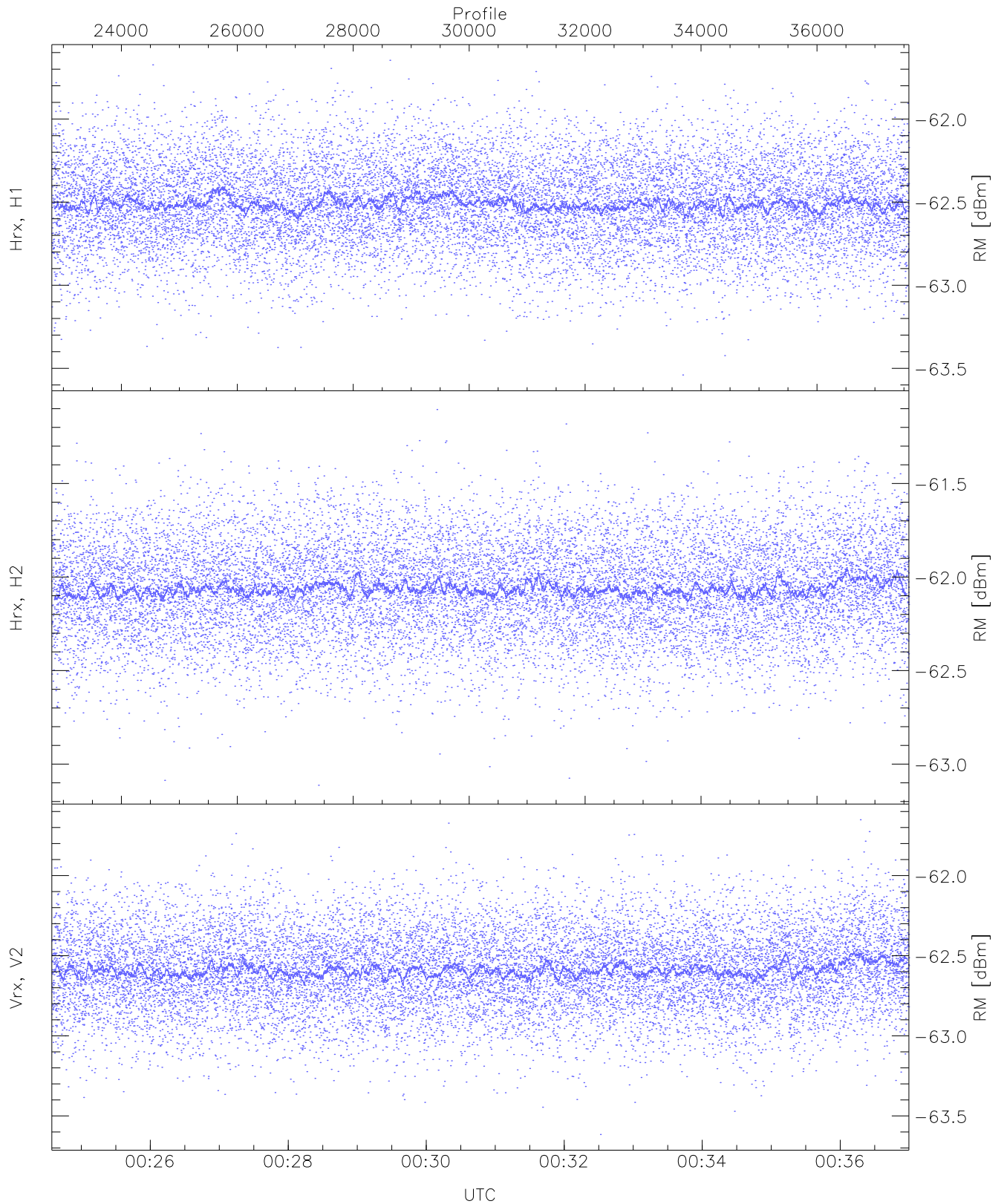
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.90	-61.07	-61.98	-61.98	-74.56
Hrx, H2(WL [dBm])	-63.08	-61.03	-61.97	-61.98	-74.51
Vrx, V2(WL [dBm])	-63.57	-61.77	-62.59	-62.59	-75.18



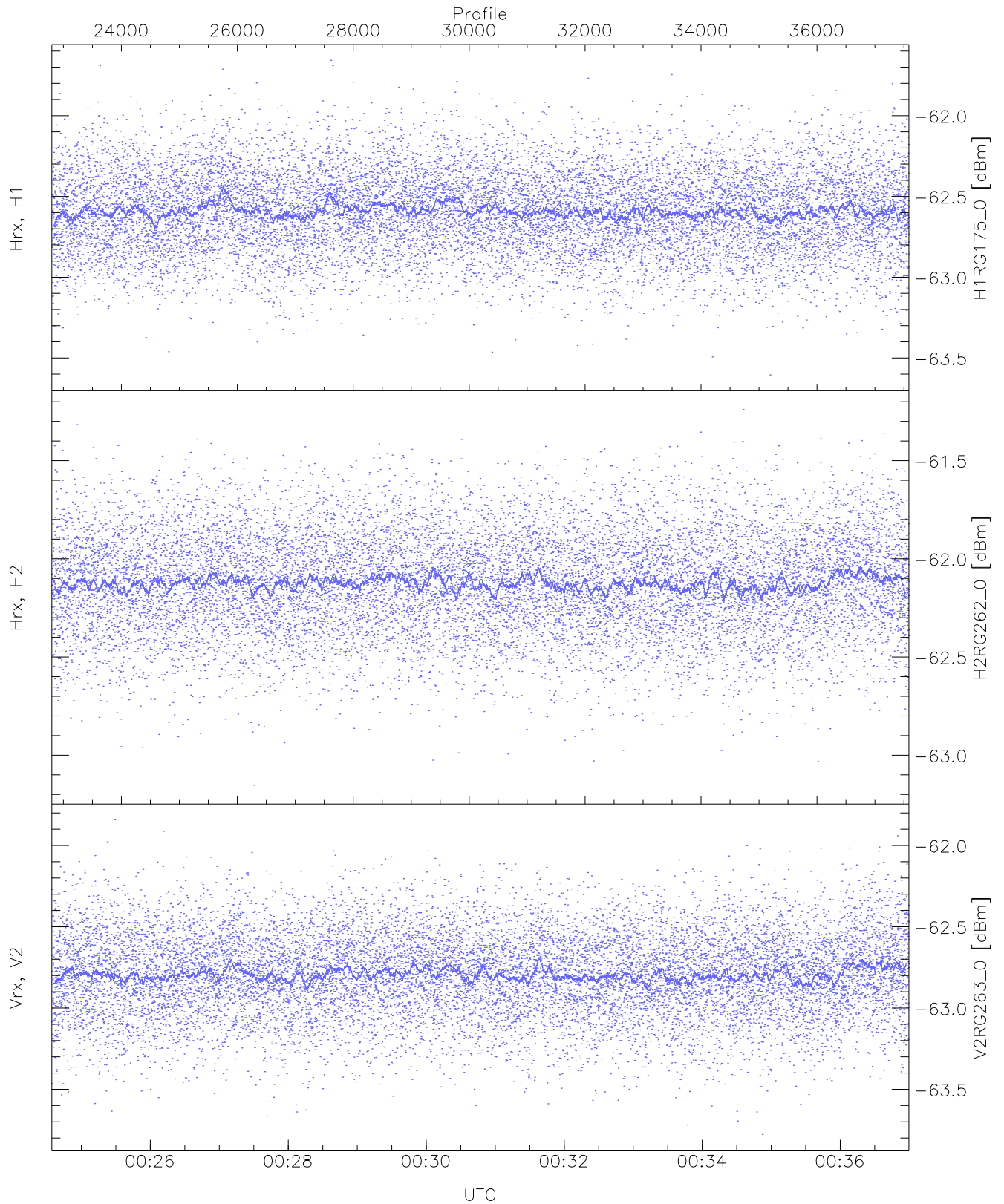
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.84	-60.91	-61.76	-61.76	-74.31
Hrx, H2 (HL [dBm])	-62.69	-60.81	-61.76	-61.76	-74.33
Vrx, V2 (HL [dBm])	-63.43	-61.44	-62.38	-62.38	-74.96



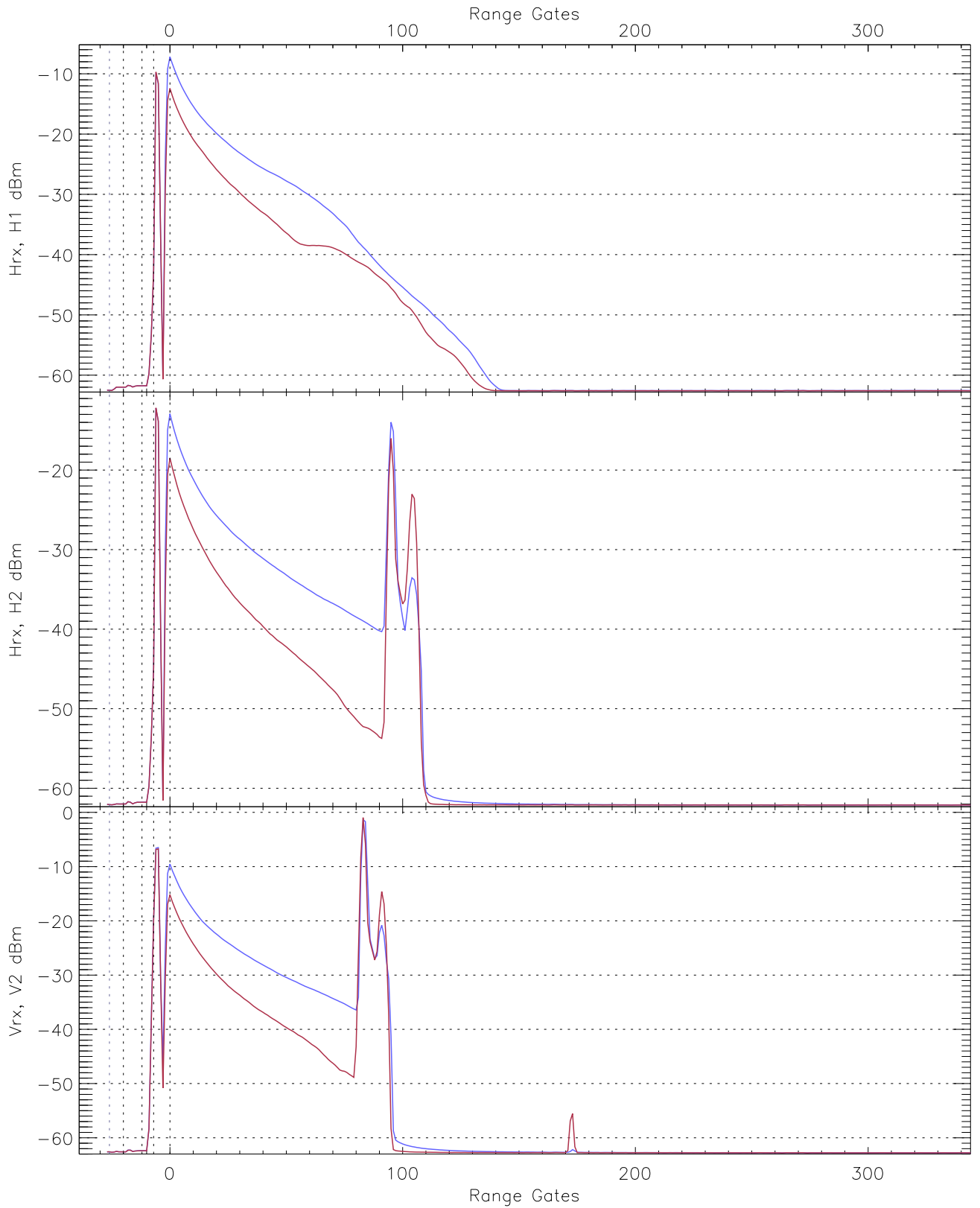
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.54	-61.65	-62.51	-62.51	-75.05
Hrx, H2 (RM [dBm])	-63.11	-61.10	-62.06	-62.06	-74.62
Vrx, V2 (RM [dBm])	-63.62	-61.65	-62.59	-62.59	-75.19



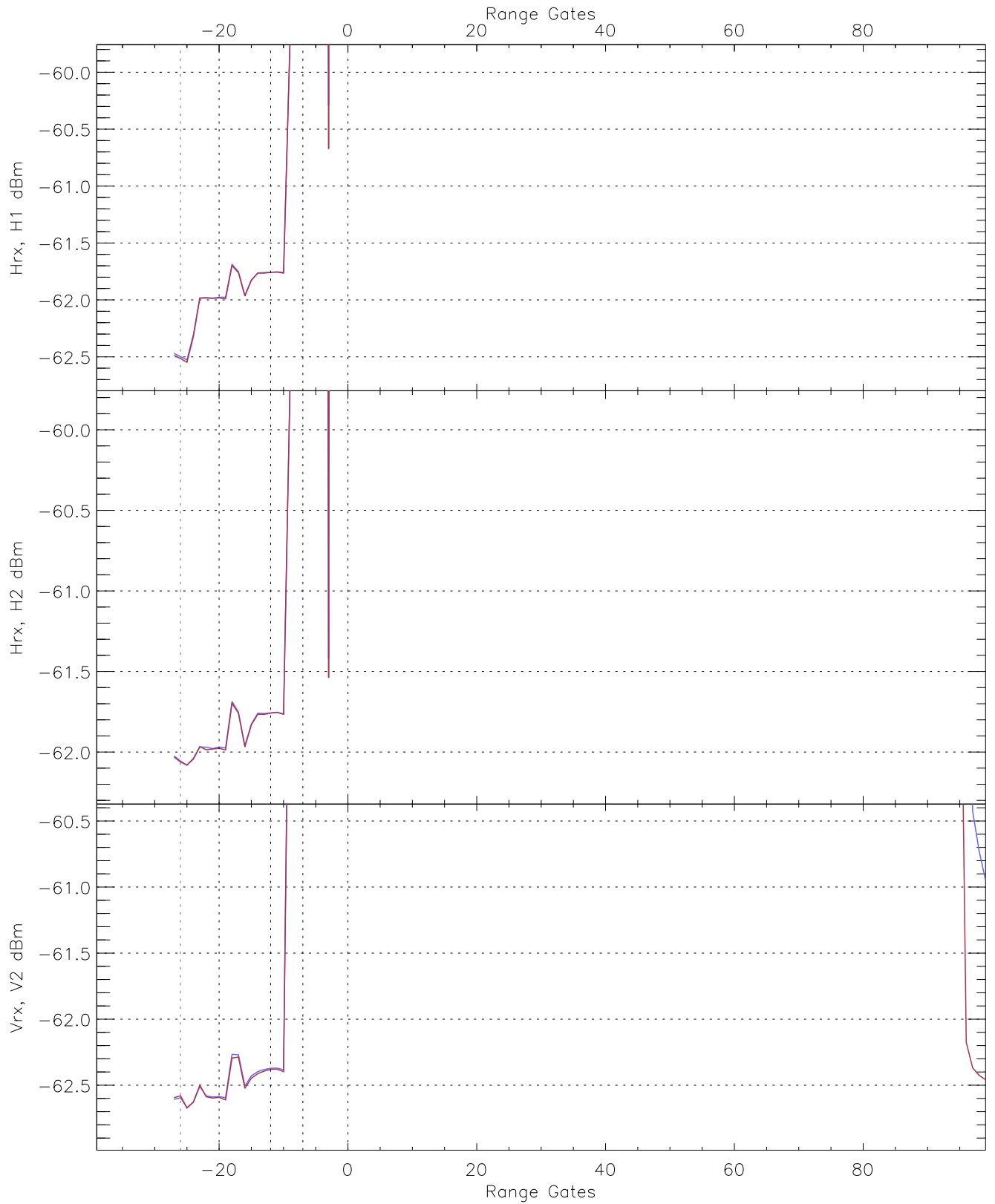
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.61	-61.66	-62.59	-62.59	-75.15
H2RG262_0 [dBm]	-63.15	-61.24	-62.12	-62.12	-74.65
V2RG263_0 [dBm]	-63.78	-61.84	-62.79	-62.79	-75.29

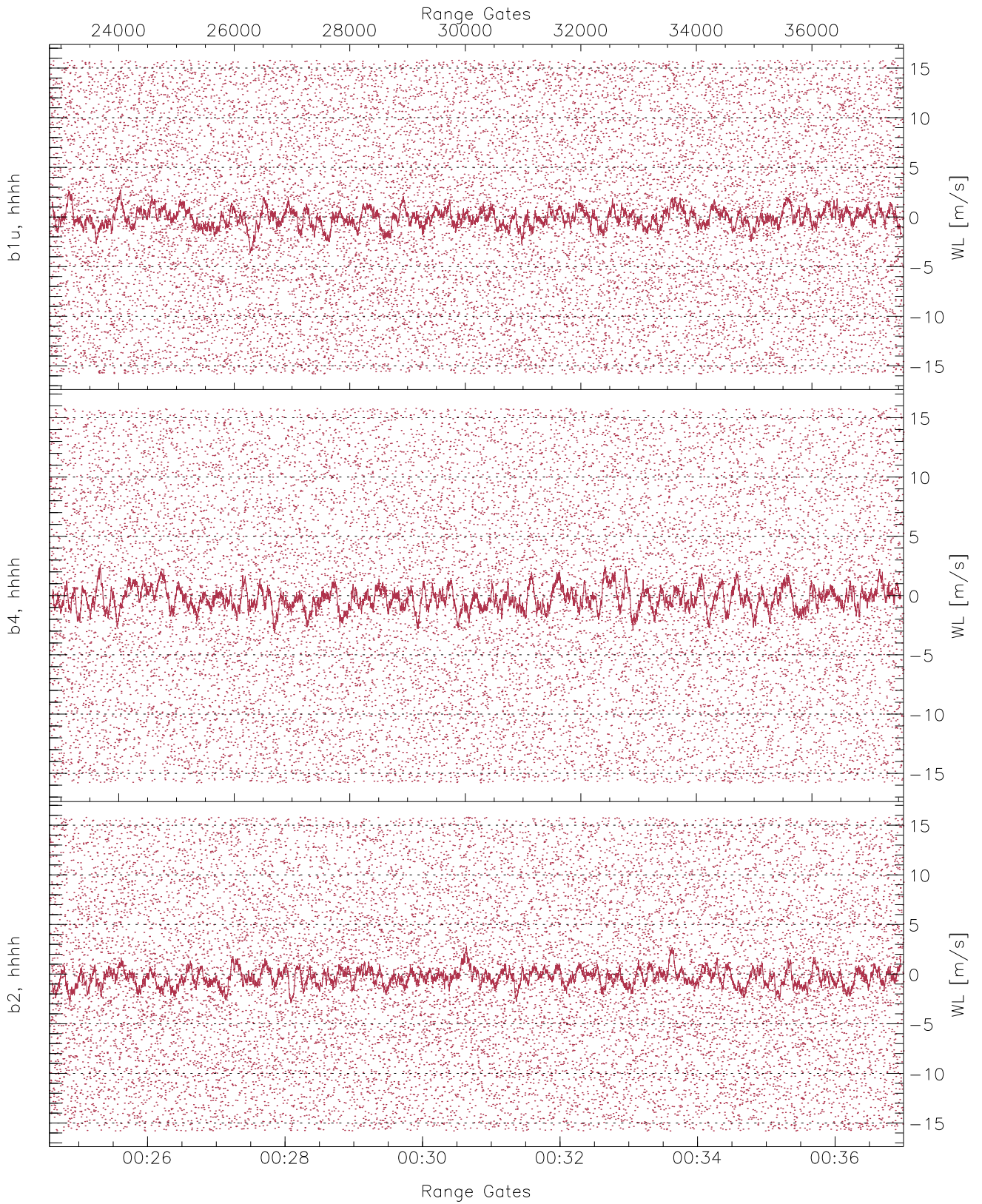


WCR2 CPP Averaged Received power for all recorded gates  
blue: 002434-003047, 7394 profiles averaged  
red: 003047-003700, 7394 profiles averaged

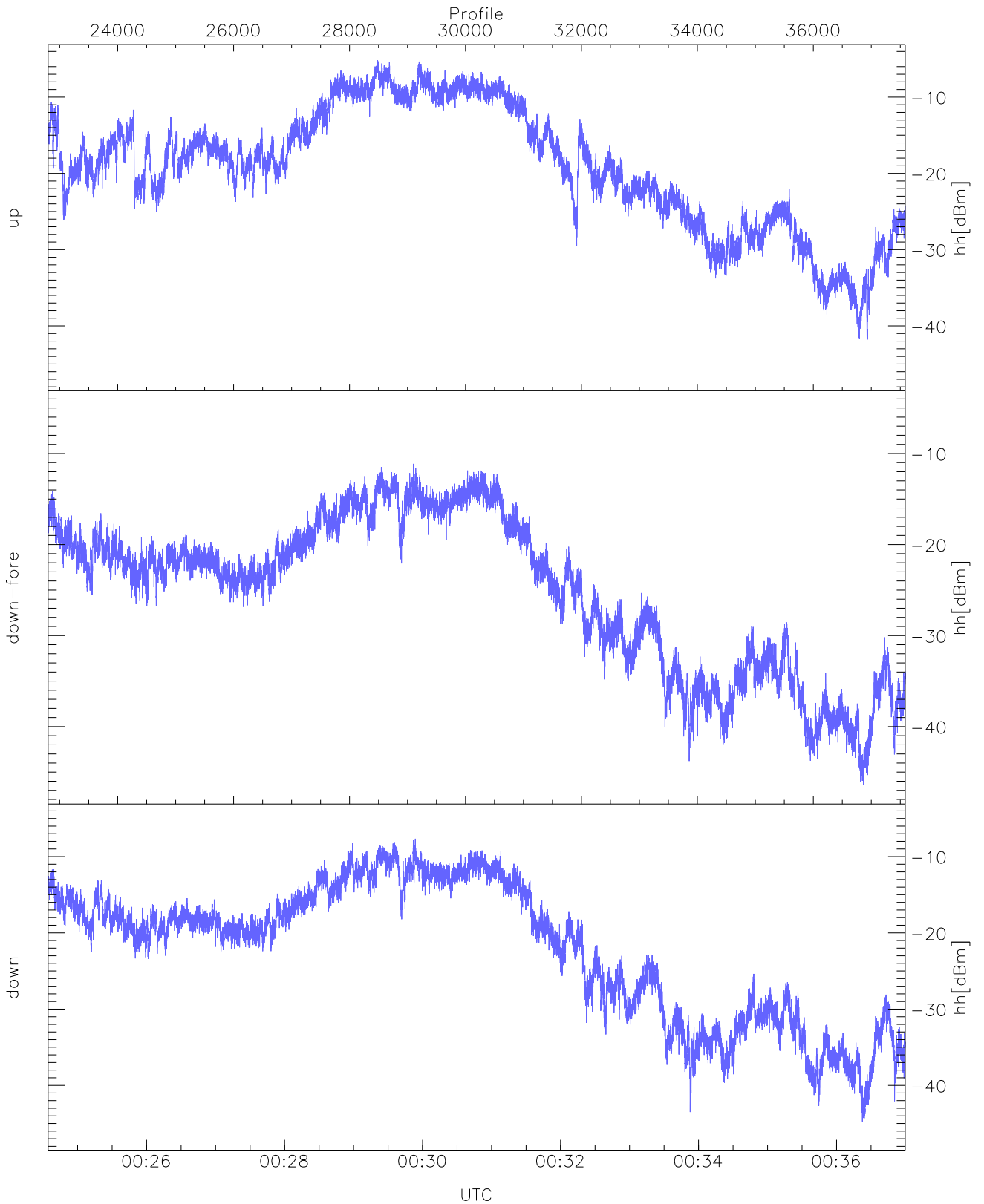




WCR2 CPP Averaged Received power for the negative gates and up to 100 gate  
blue: 002434-003047, 7394 profiles averaged  
red: 003047-003700, 7394 profiles averaged

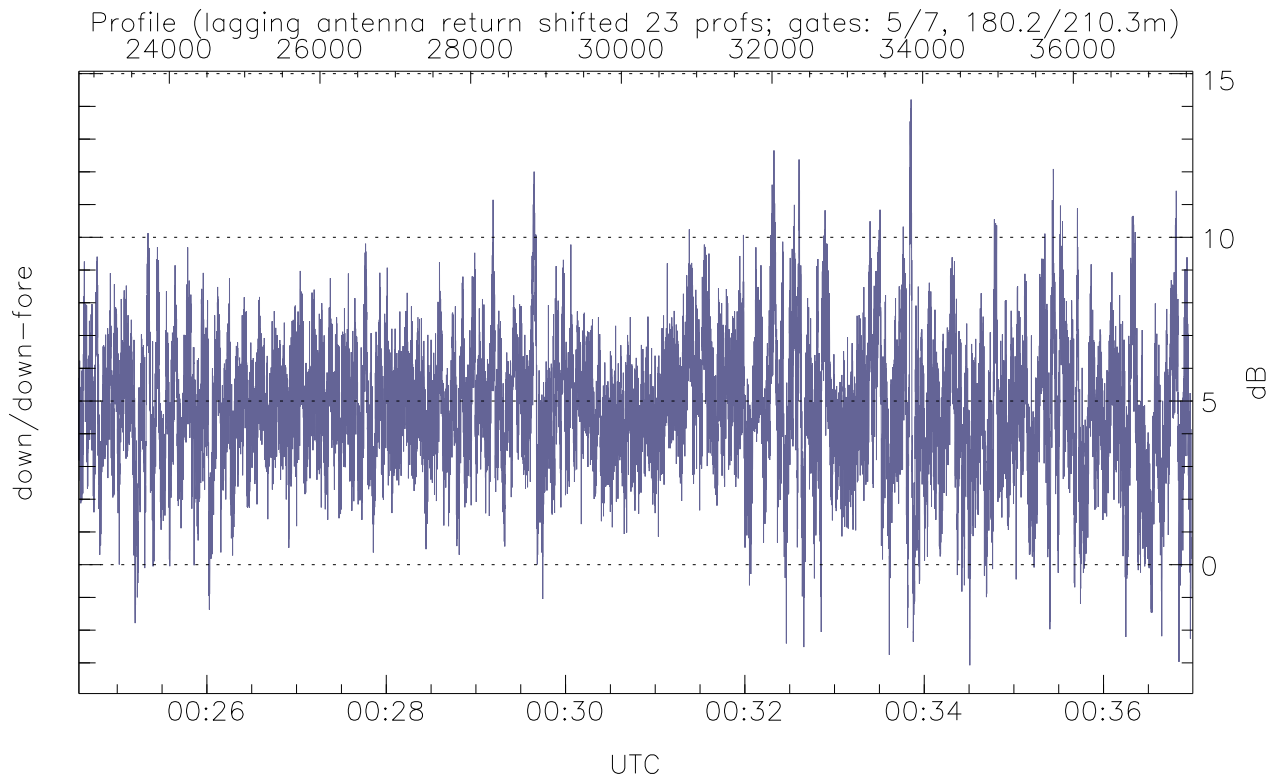
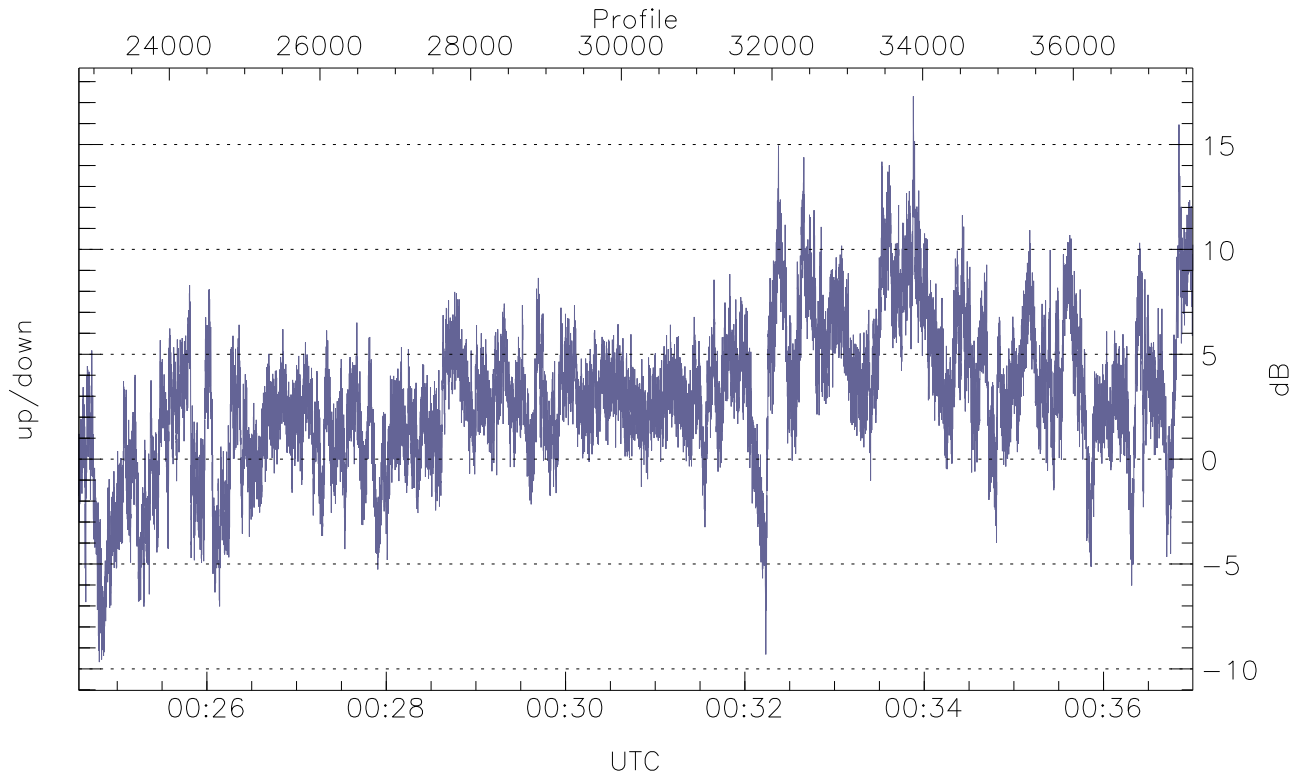


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



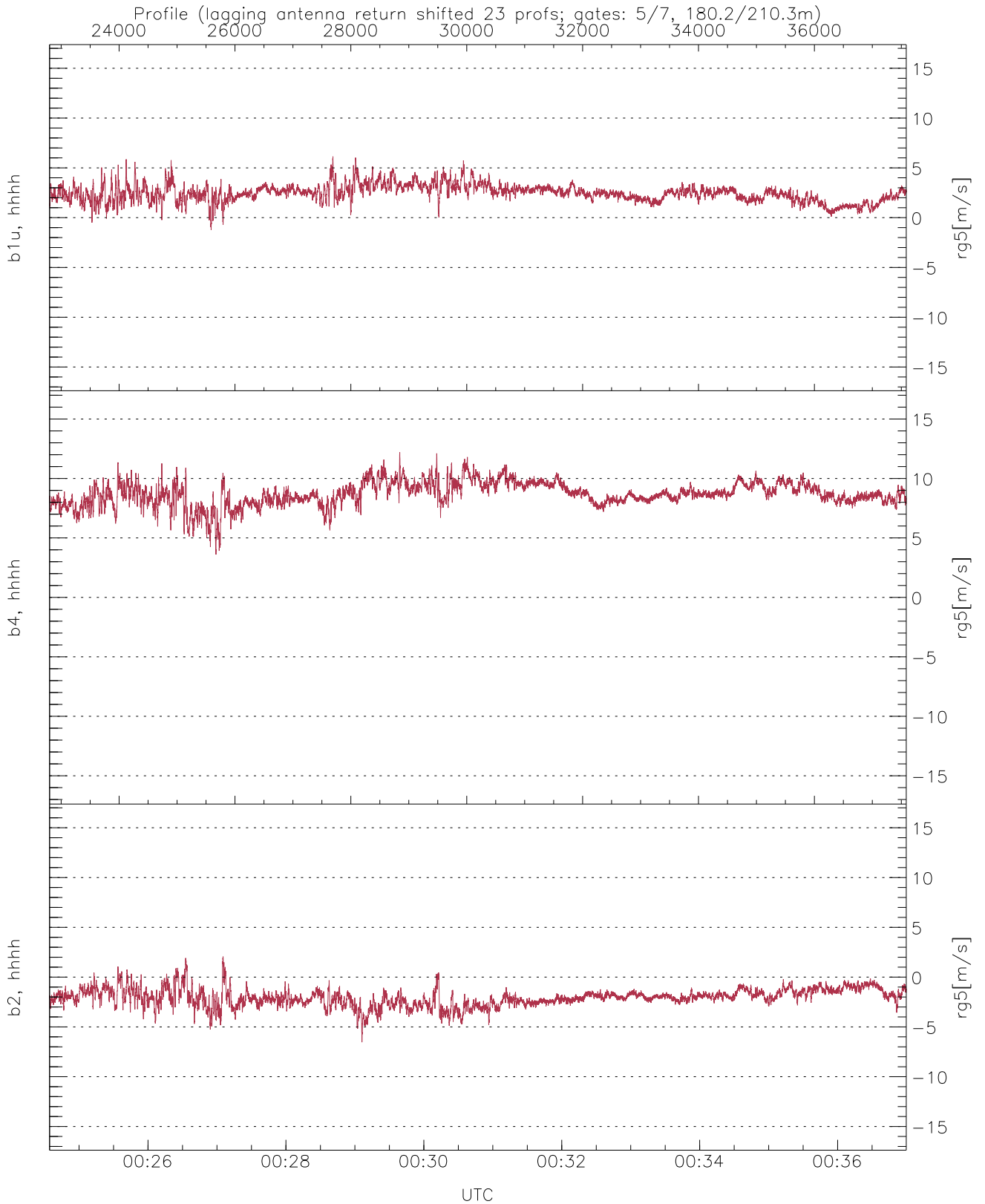
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-41.79	-5.17	-13.96
down-fore(hh[dBm])	-46.44	-11.13	-19.86
down(hh[dBm])	-44.74	-7.65	-16.51



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

	Min	Max	Mean
up/down (dB)	-9.68	17.30	2.89
down/down-fore (dB)	-3.07	14.21	4.77



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.22	6.14	2.45	0.86
b4, hhhh(rg5[m/s])	3.61	12.20	8.69	1.00
b2, hhhh(rg5[m/s])	-6.54	2.07	-2.05	0.88