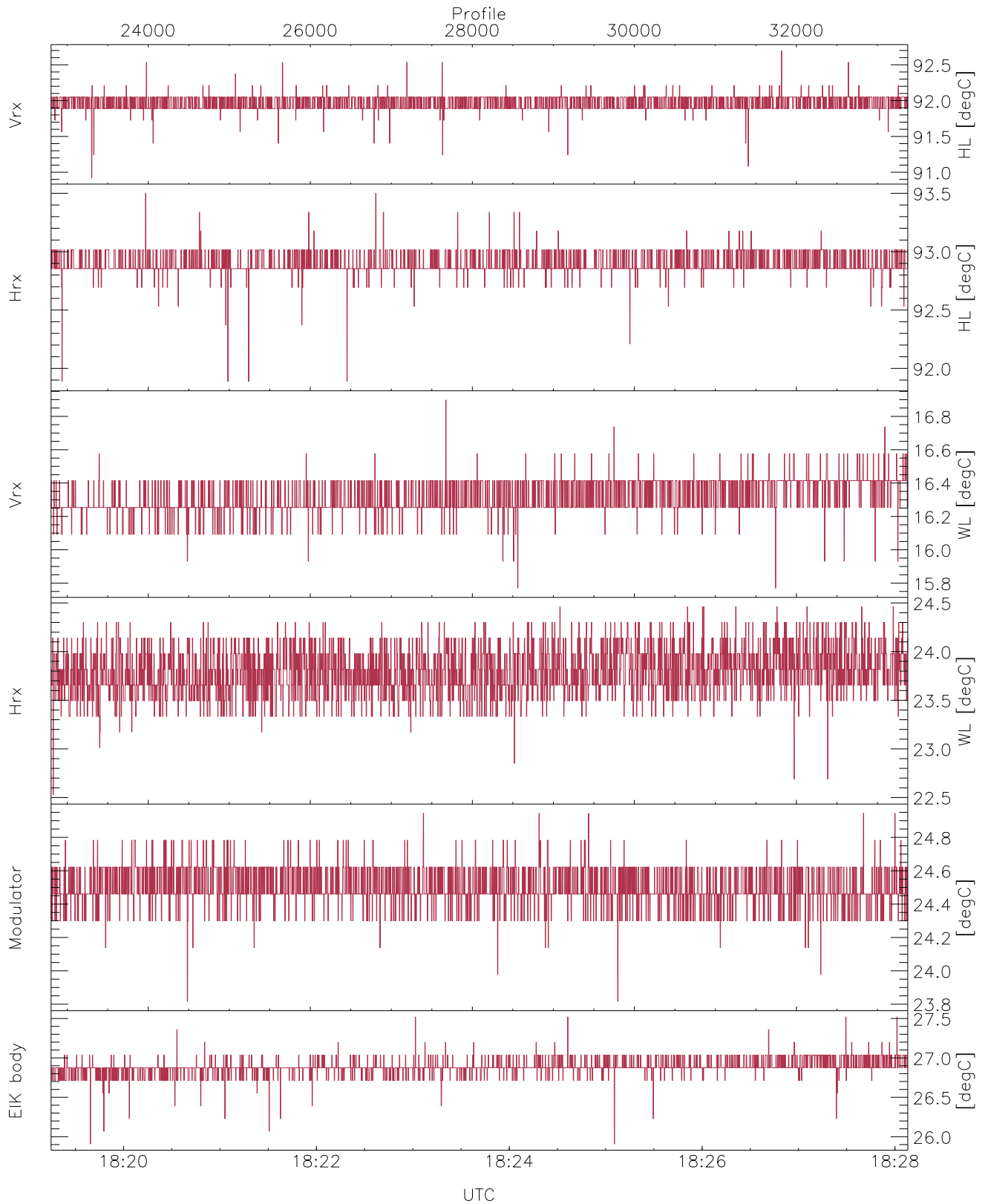


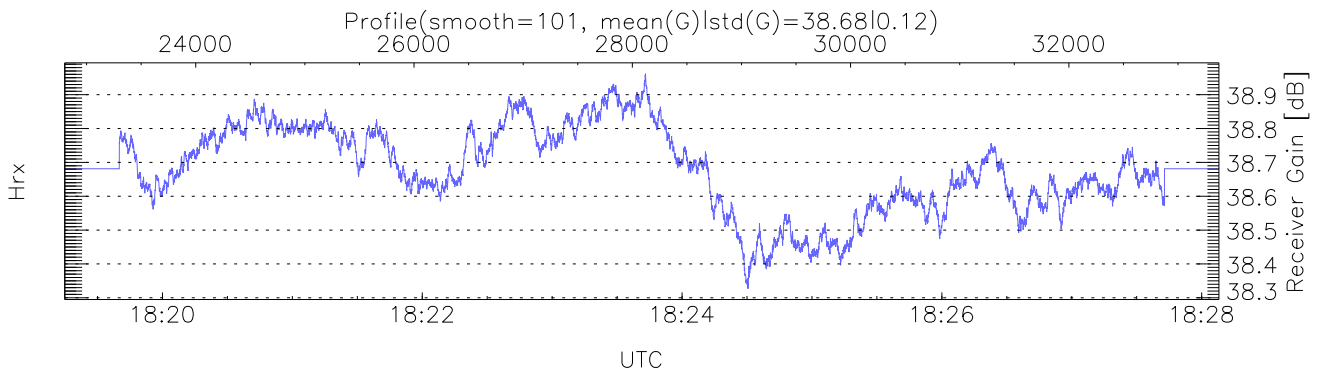
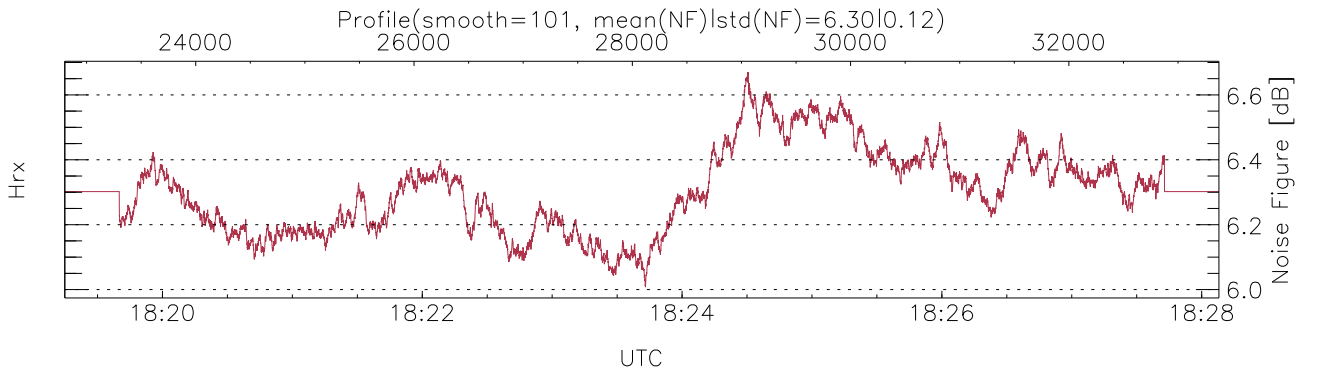
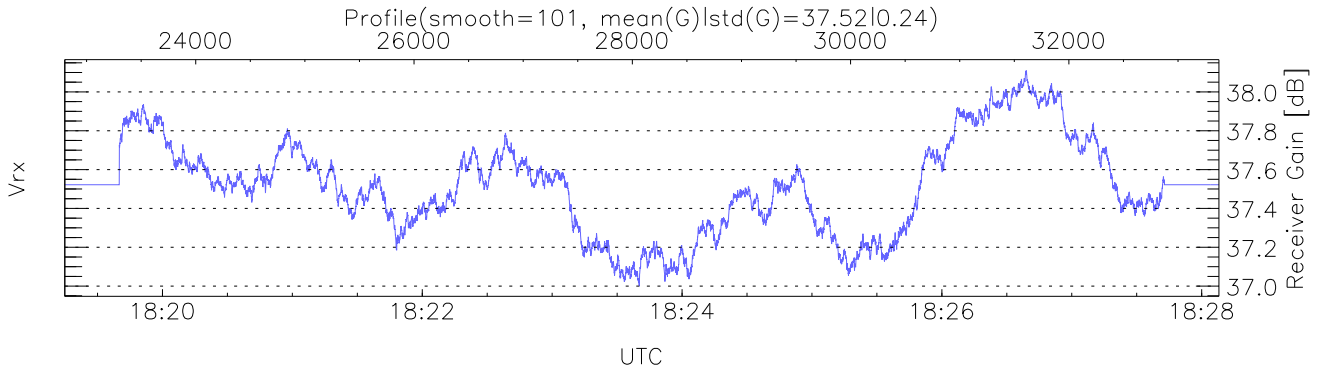
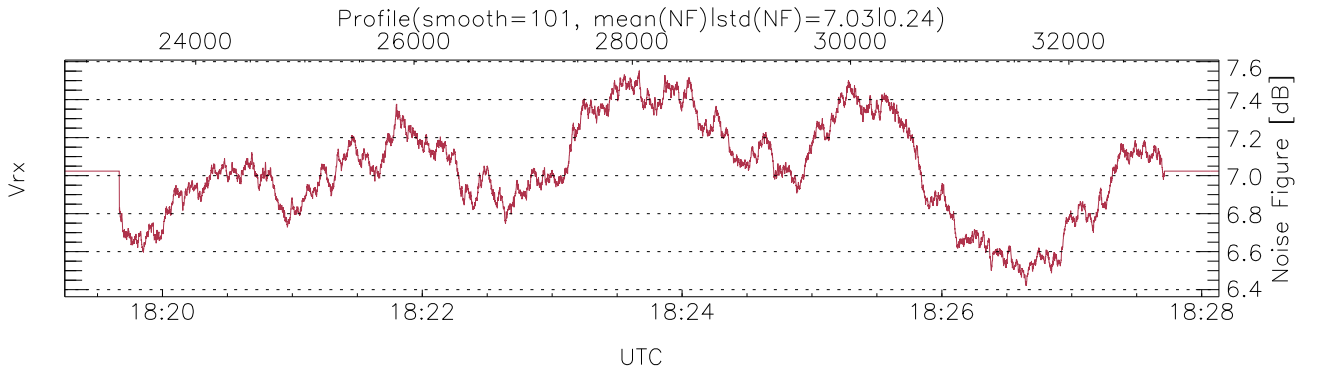
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:00:05-18:28:08, Dur: 1682.52s  
 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): 10576/33376, 22800-33375/18:19:15-18:28:08  
 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



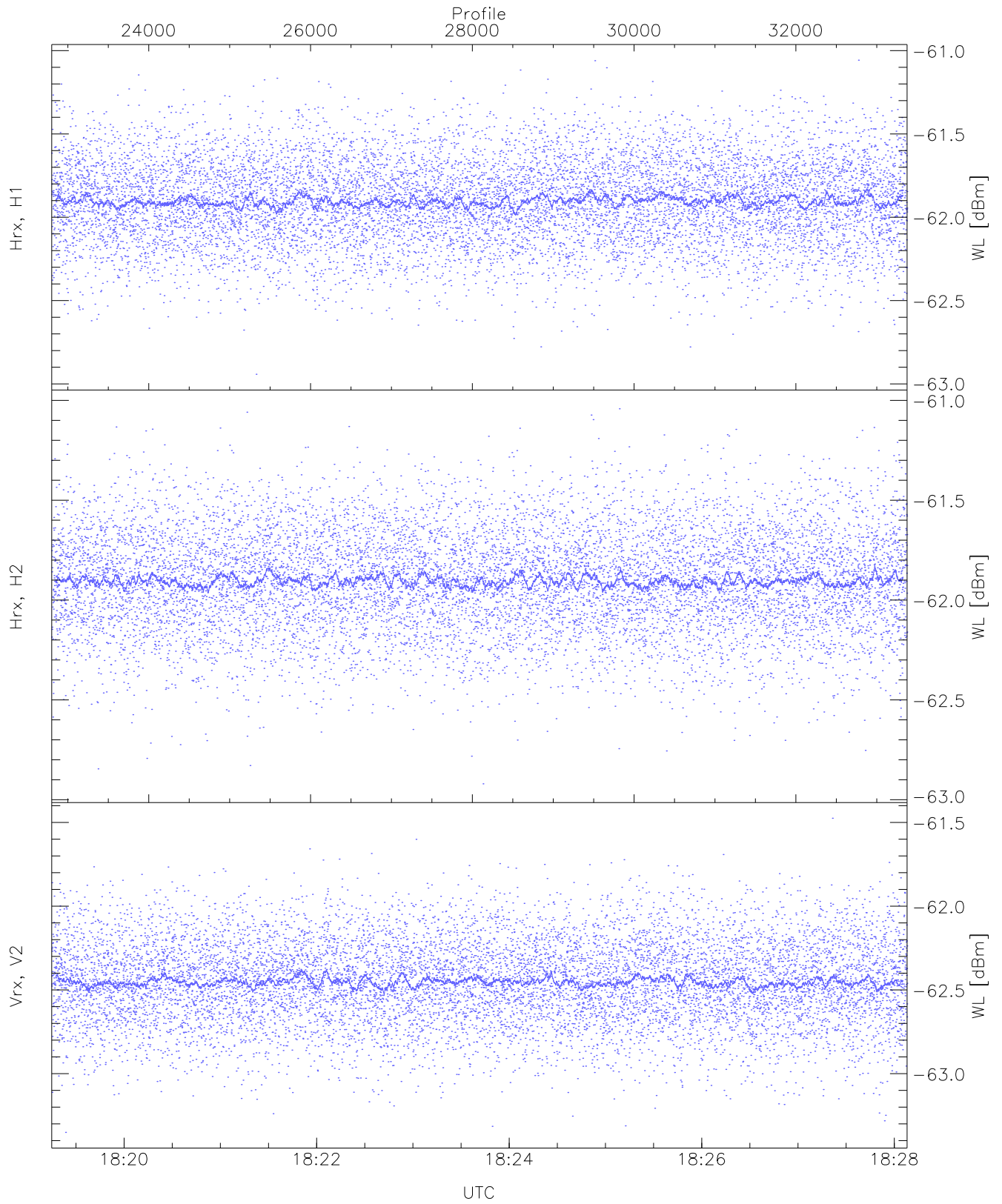
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,15,22,23,25  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,24,24,27  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK/Modulator Faults: None



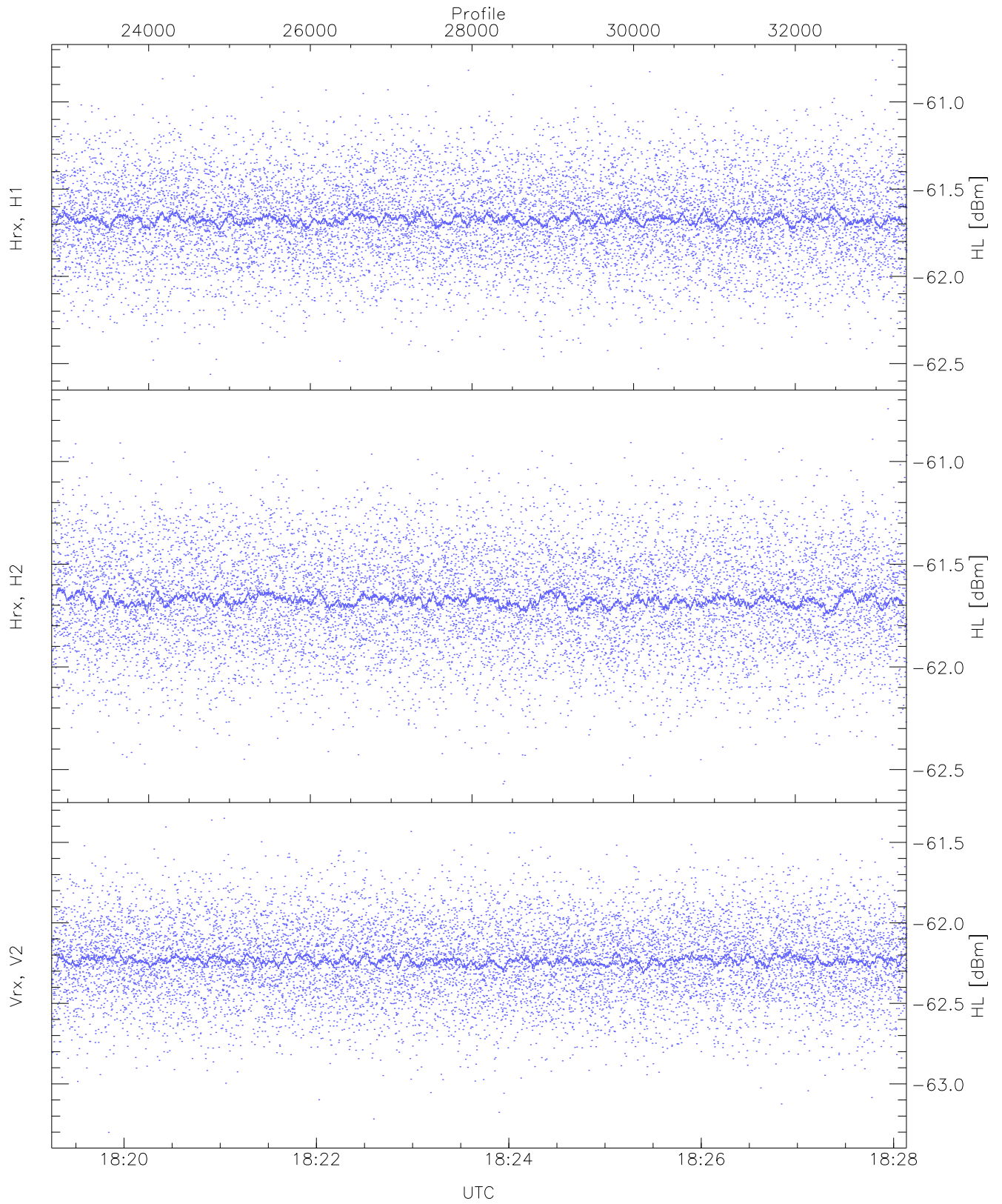
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 809 pixs, 7 gates, 787 profs, 2 prods



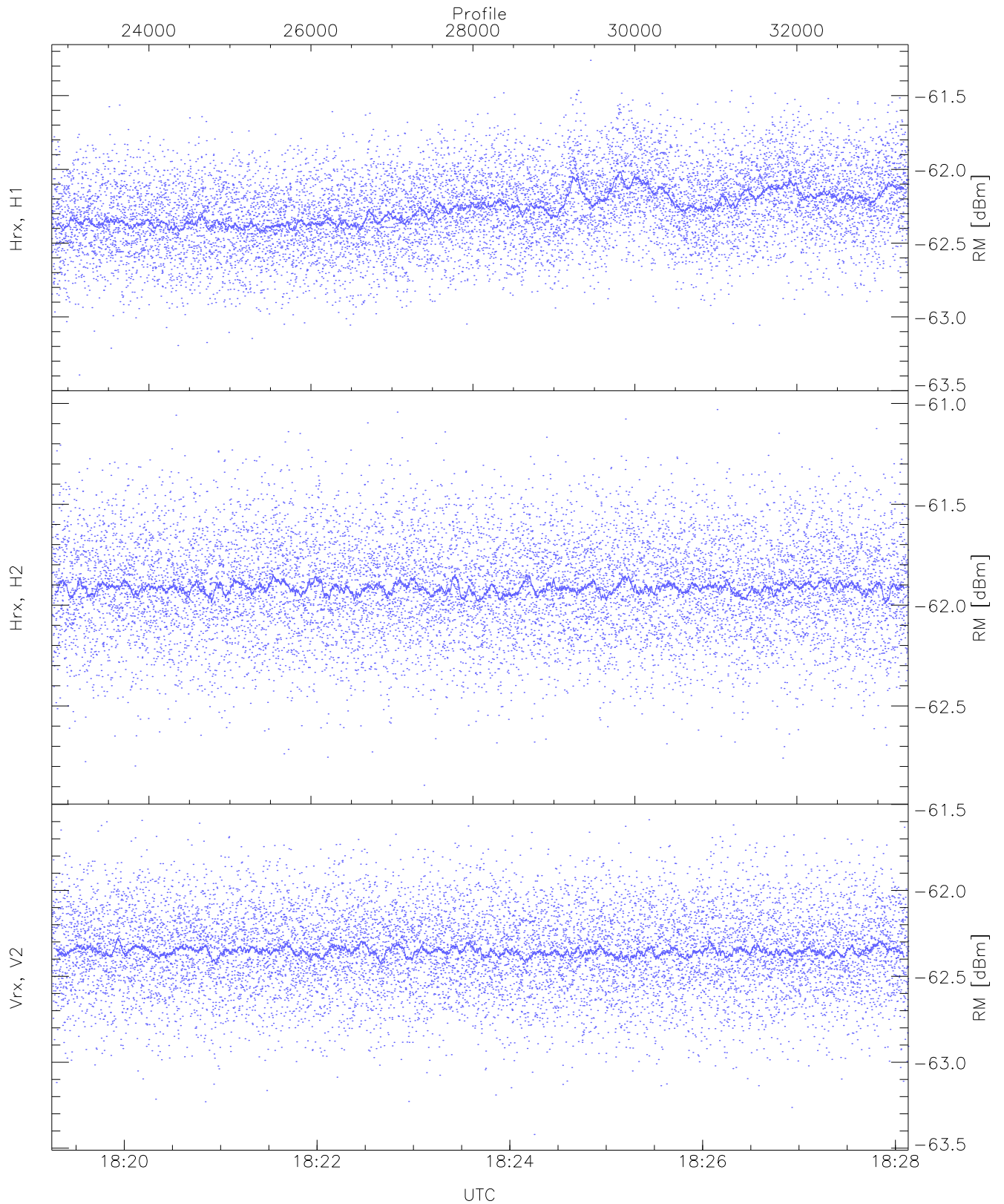
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.94	-61.06	-61.90	-61.90	-74.46
Hrx, H2 (WL [dBm])	-62.92	-61.04	-61.90	-61.90	-74.45
Vrx, V2 (WL [dBm])	-63.35	-61.47	-62.45	-62.45	-75.03



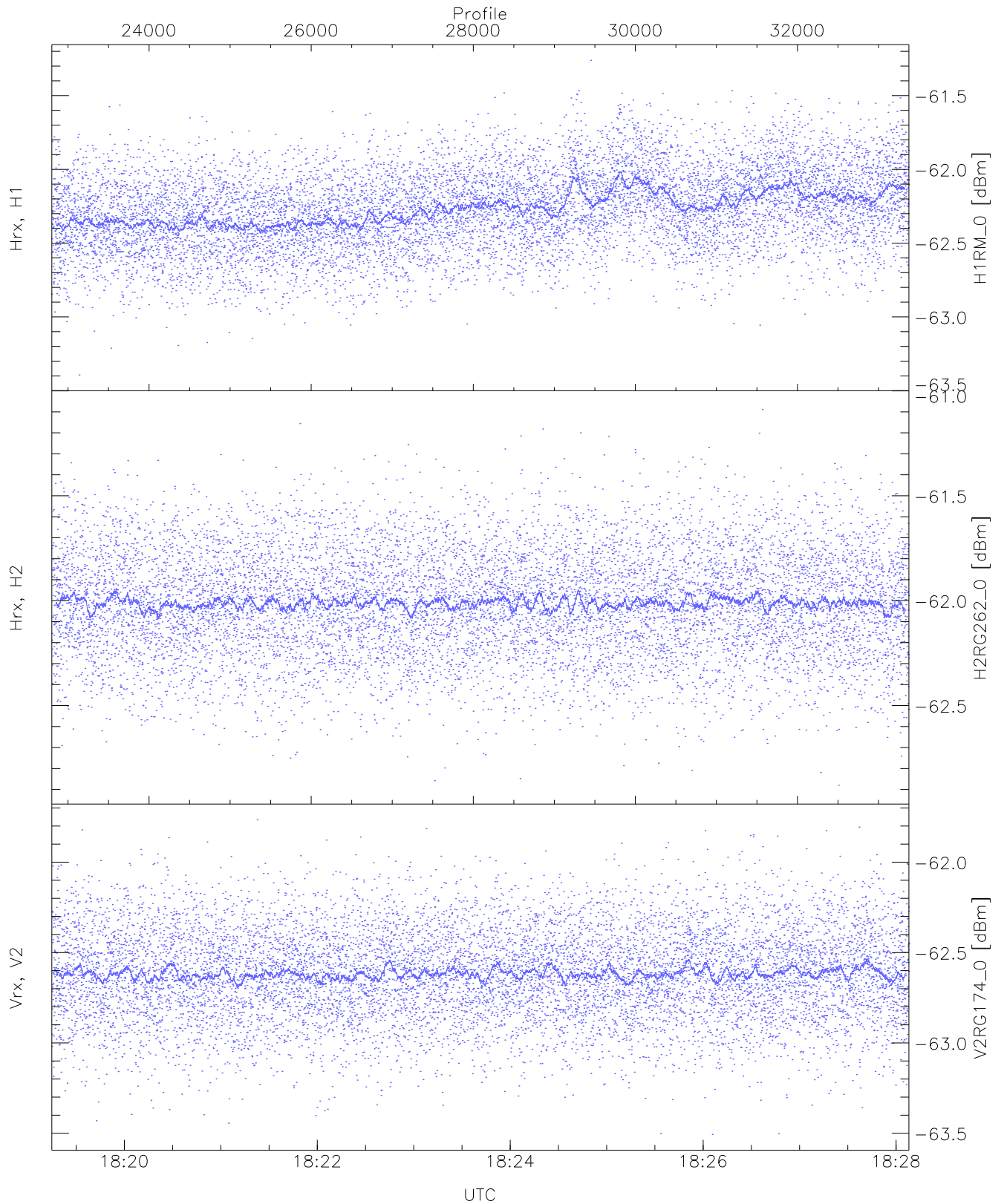
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.56	-60.76	-61.67	-61.67	-74.25
Hrx, H2 (HL [dBm])	-62.57	-60.74	-61.67	-61.68	-74.29
Vrx, V2 (HL [dBm])	-63.30	-61.35	-62.23	-62.23	-74.82



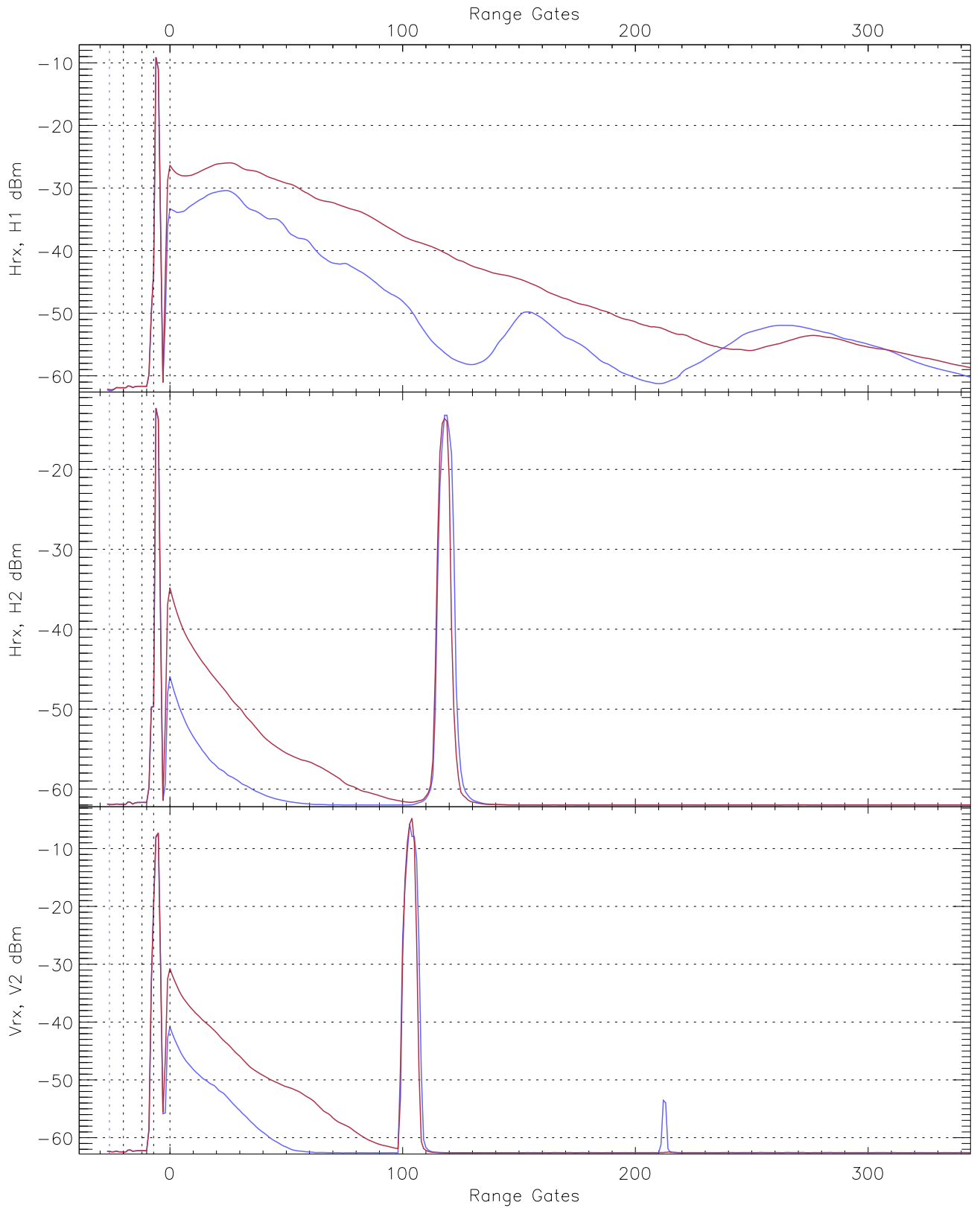
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.39	-61.26	-62.26	-62.27	-74.52
Hrx, H2 (RM [dBm])	-62.89	-61.03	-61.91	-61.92	-74.47
Vrx, V2 (RM [dBm])	-63.42	-61.59	-62.35	-62.35	-74.95



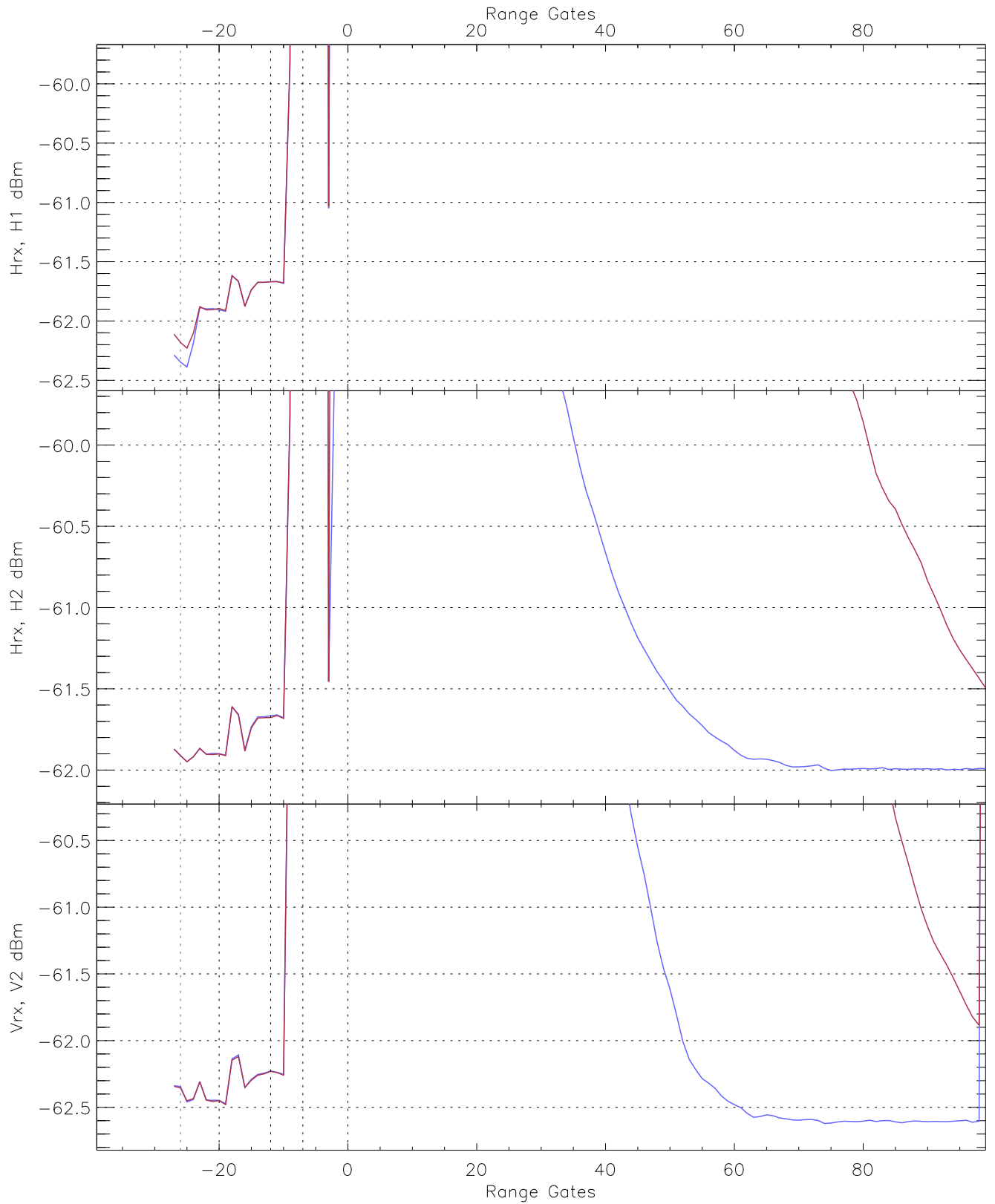
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-63.39	-61.26	-62.26	-62.27	-74.52
H2RG262_0 [dBm]	-62.88	-61.09	-62.01	-62.02	-74.58
V2RG174_0 [dBm]	-63.51	-61.77	-62.61	-62.62	-75.18

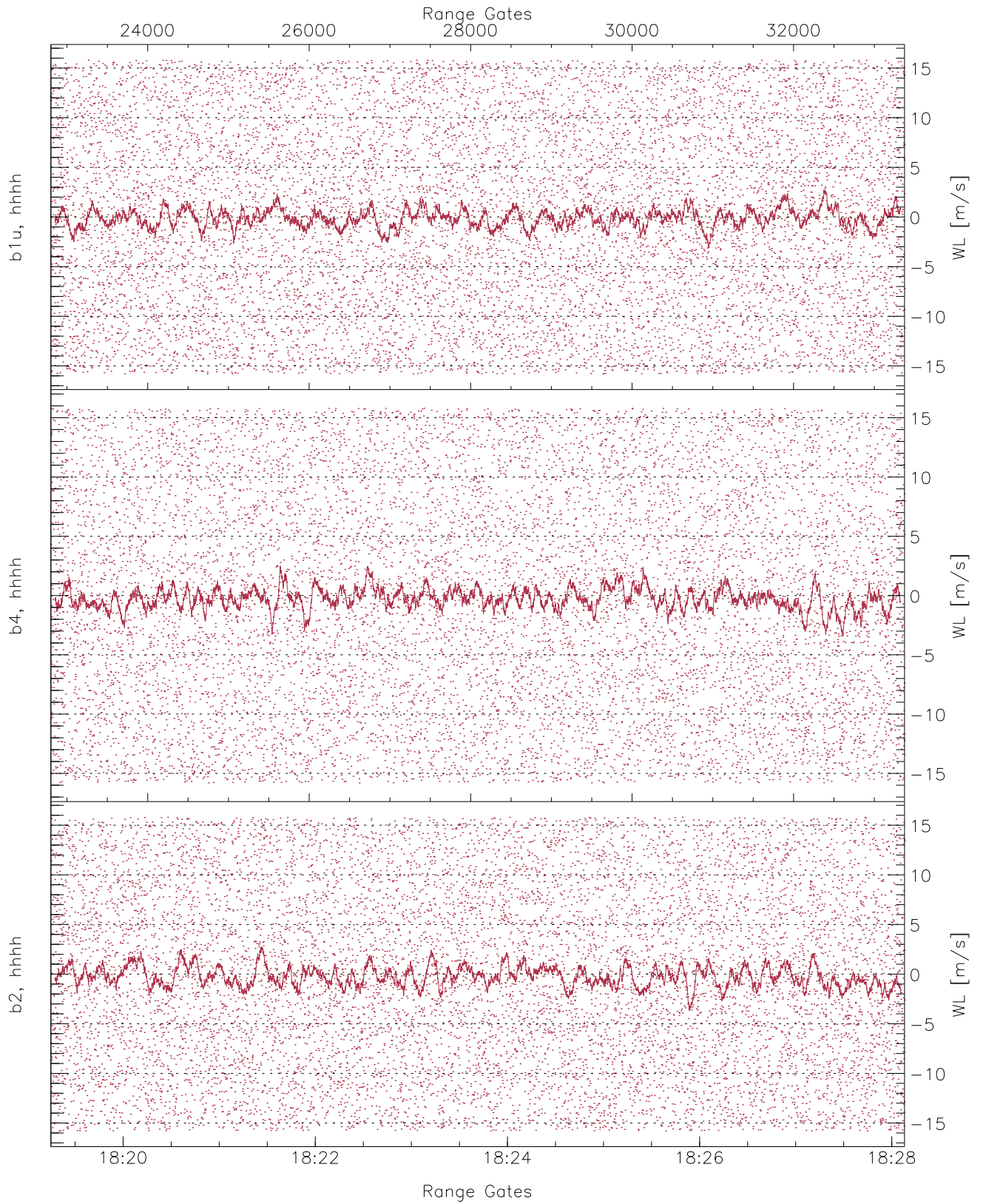


WCR2 CPP Averaged Received power for all recorded gates  
blue: 181915-182341, 5289 profiles averaged  
red: 182341-182808, 5288 profiles averaged

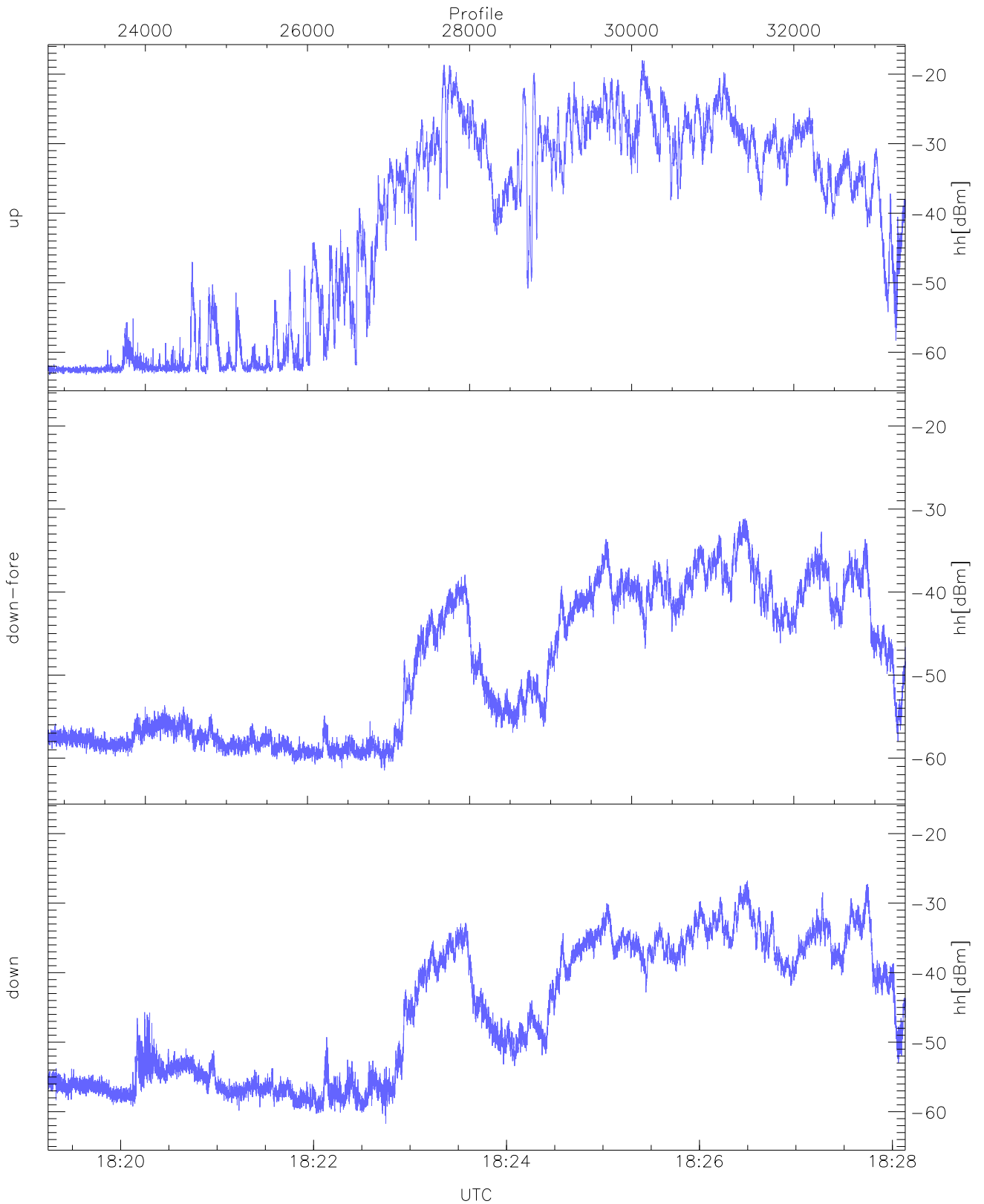




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 181915-182341, 5289 profiles averaged  
red: 182341-182808, 5288 profiles averaged

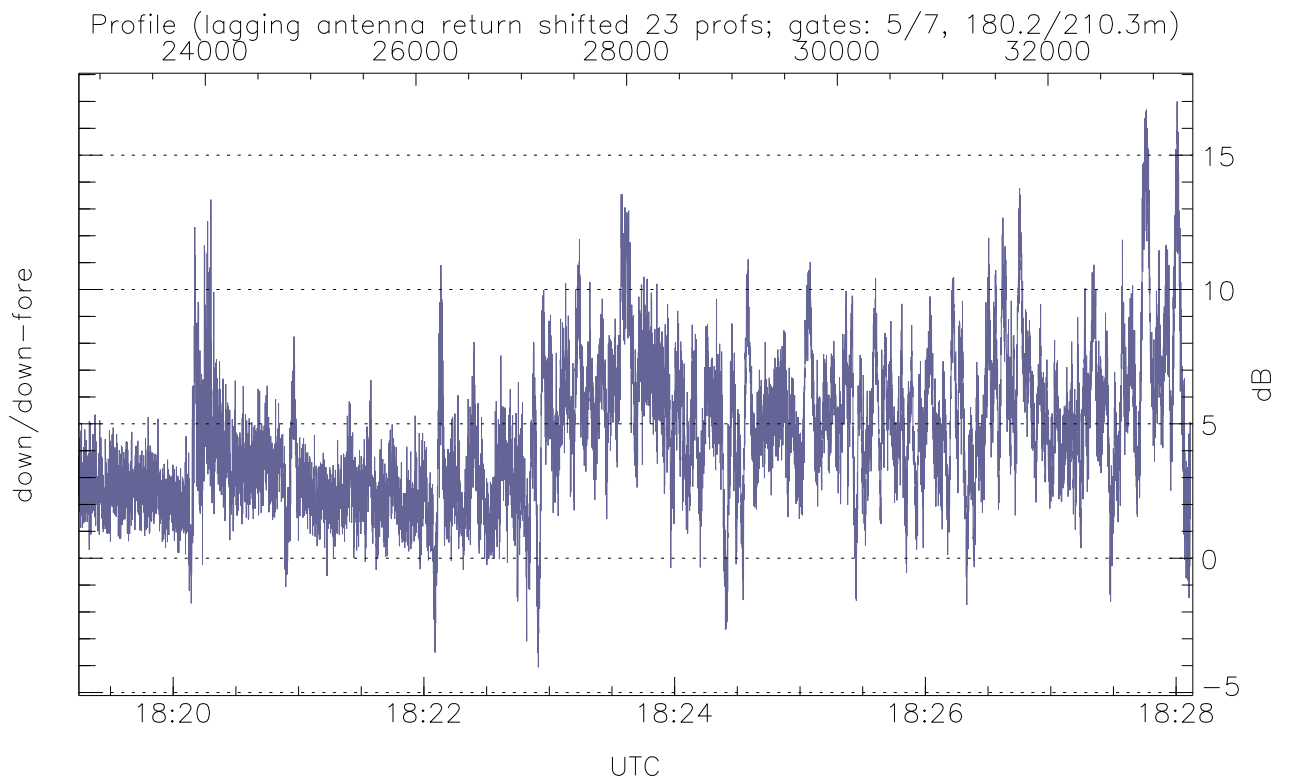
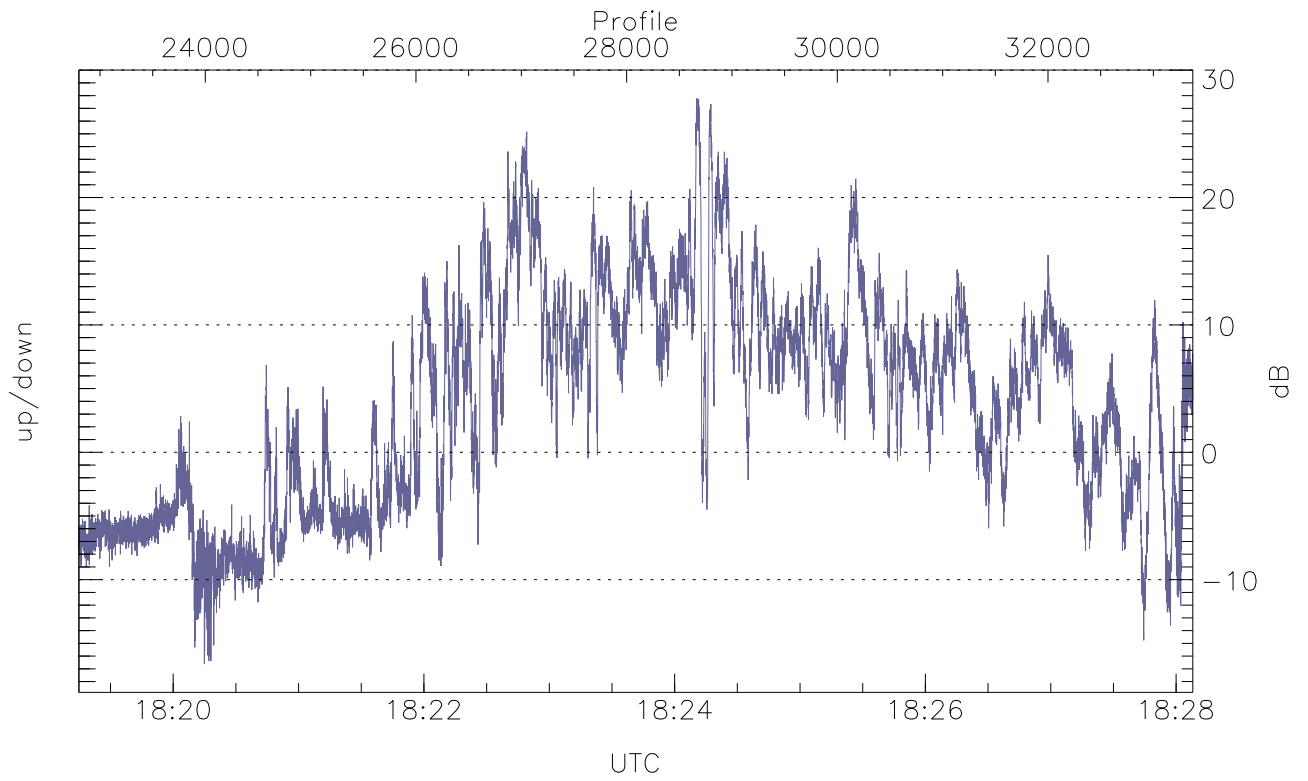


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



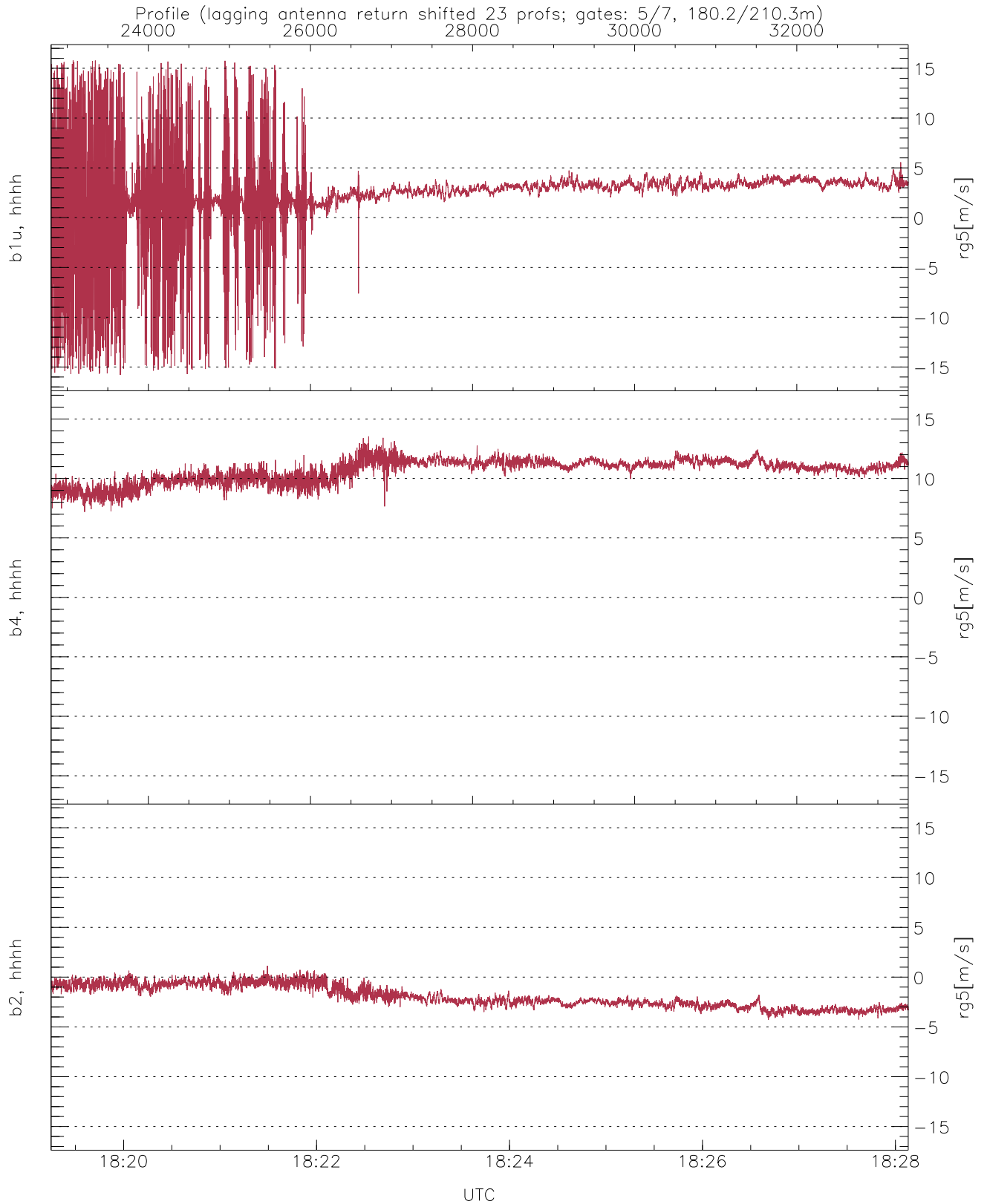
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh [dBm])	-63.27	-18.01	-30.01
down-fore(hh [dBm])	-61.47	-31.15	-42.21
down(hh [dBm])	-61.73	-26.78	-37.99



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

	Min	Max	Mean
up/down (dB)	-16.63	27.79	3.87
down/down-fore (dB)	-4.06	17.00	4.50



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.79	2.38	3.73
b4, hhhh(rg5[m/s])	7.19	13.55	10.69	0.95
b2, hhhh(rg5[m/s])	-4.27	1.13	-1.97	1.09