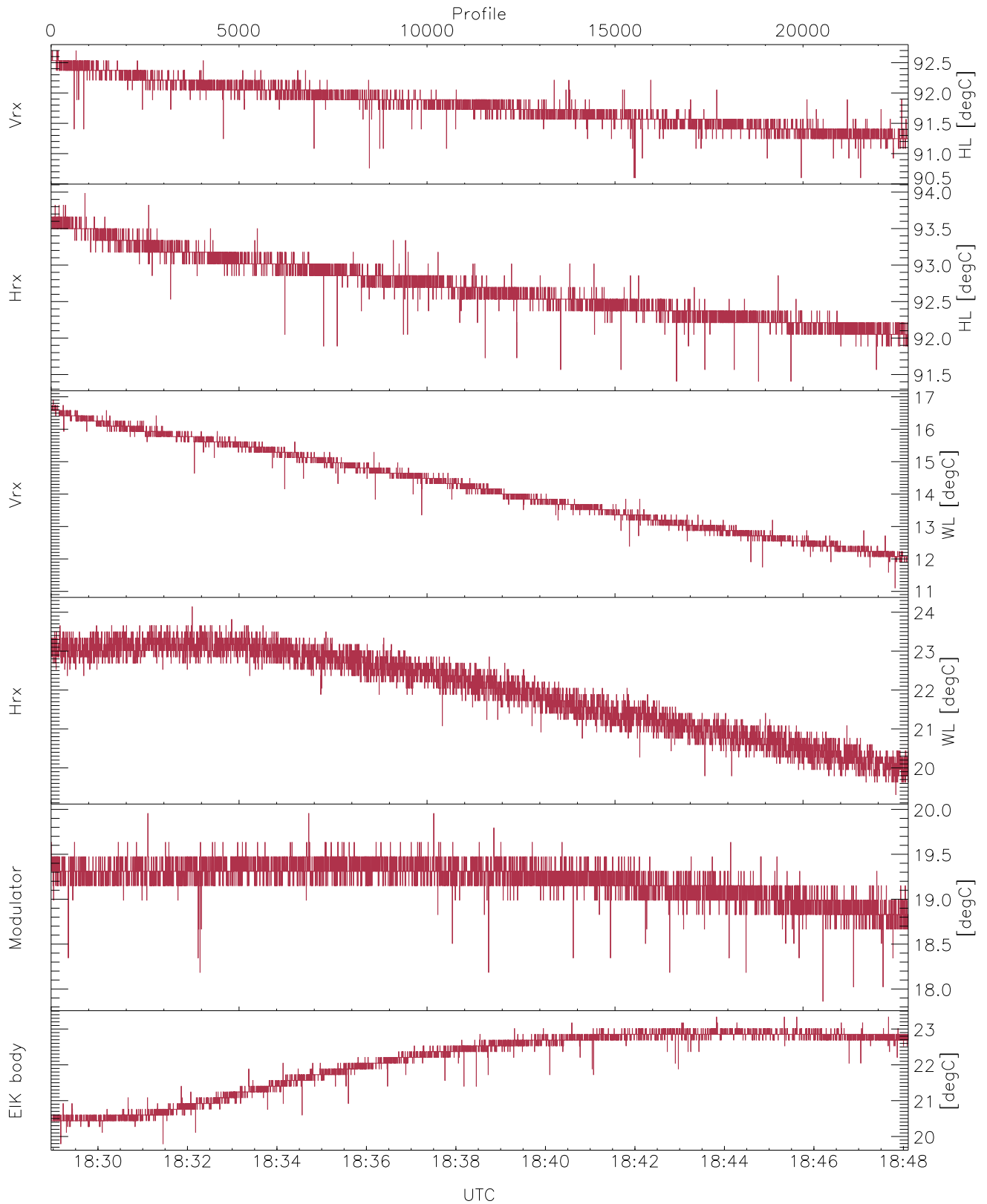


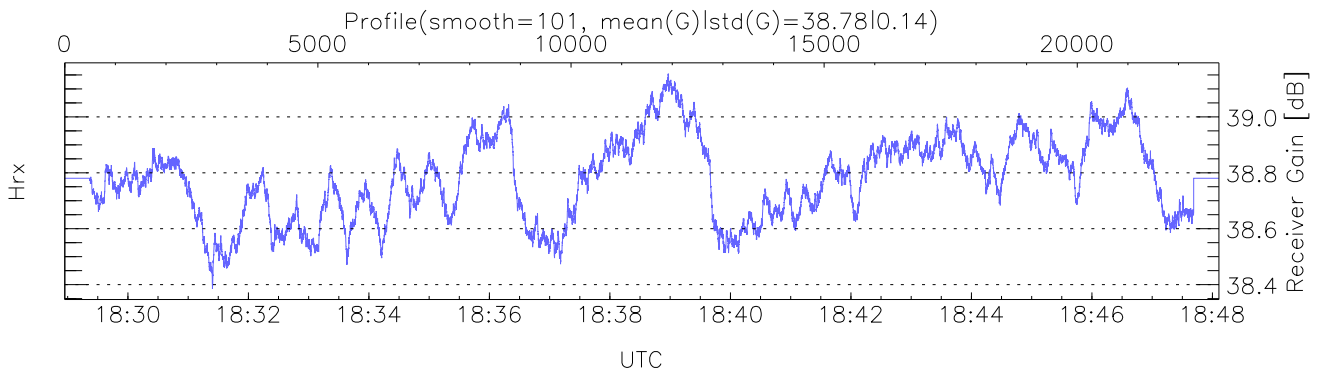
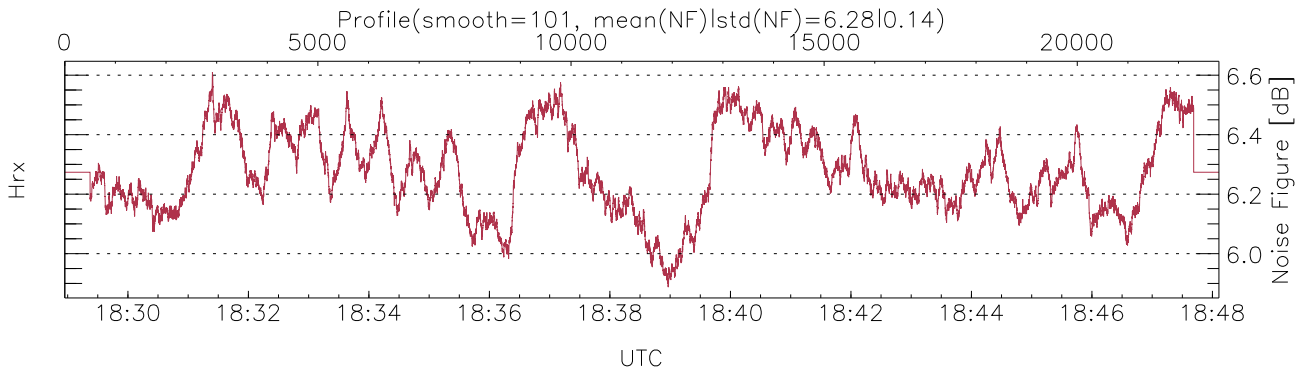
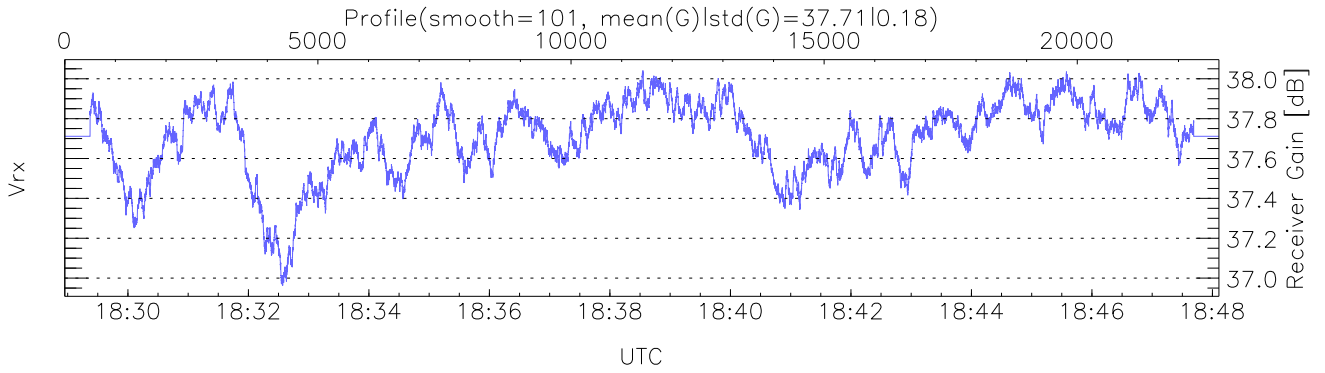
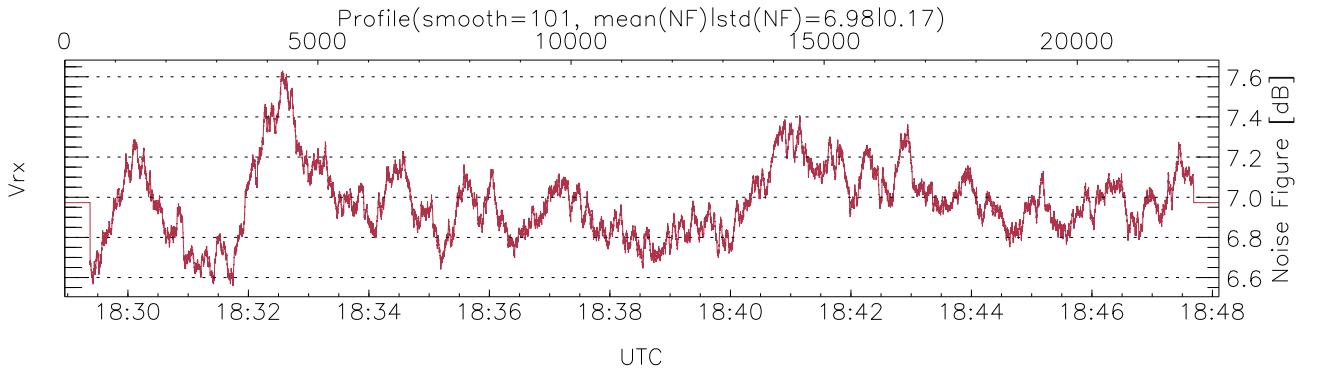
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:28:57-19:00:20, Dur: 1883.31s  
 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): 22800/37359, 0-22799/18:28:57-18:48:06  
 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



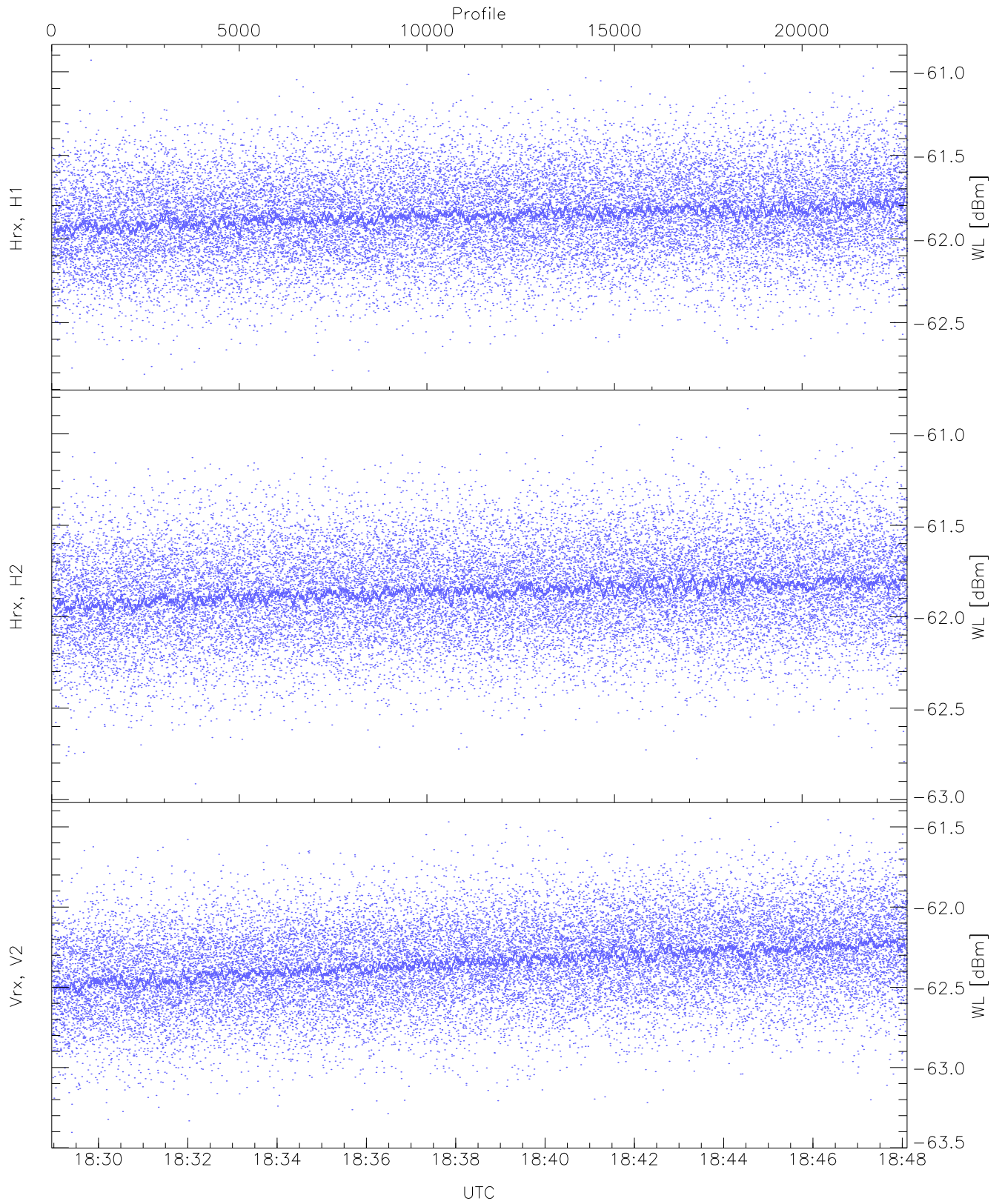
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,11,19,17,19  
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,24,19,23  
 LOalarm(20,80,240,2.8,14.8 MHz): None  
 EIK Faults(# prof affected):  
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (6,6,6,6,6,17)



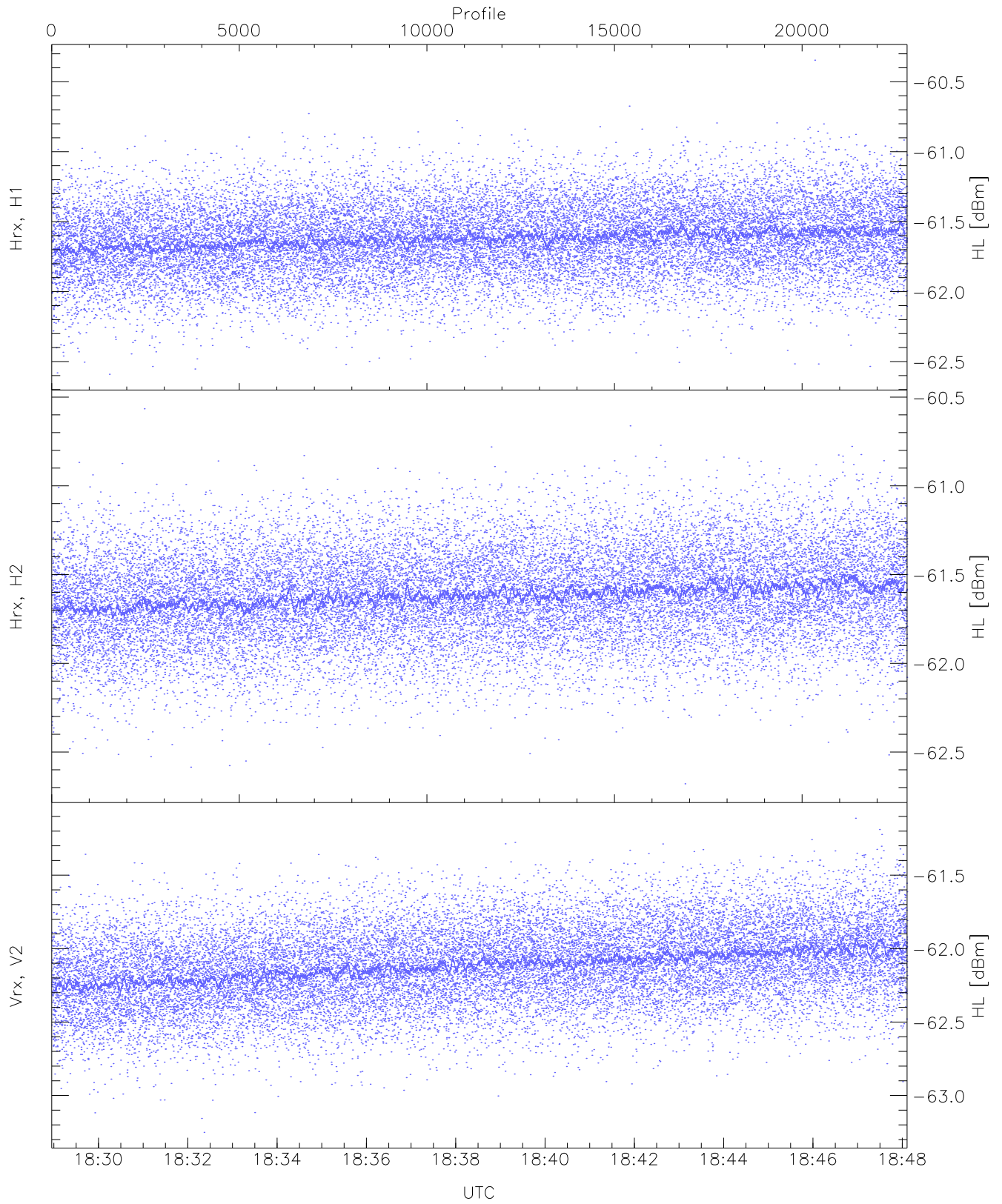
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1689 pixs, 37 gates, 1612 profs, 2 prods



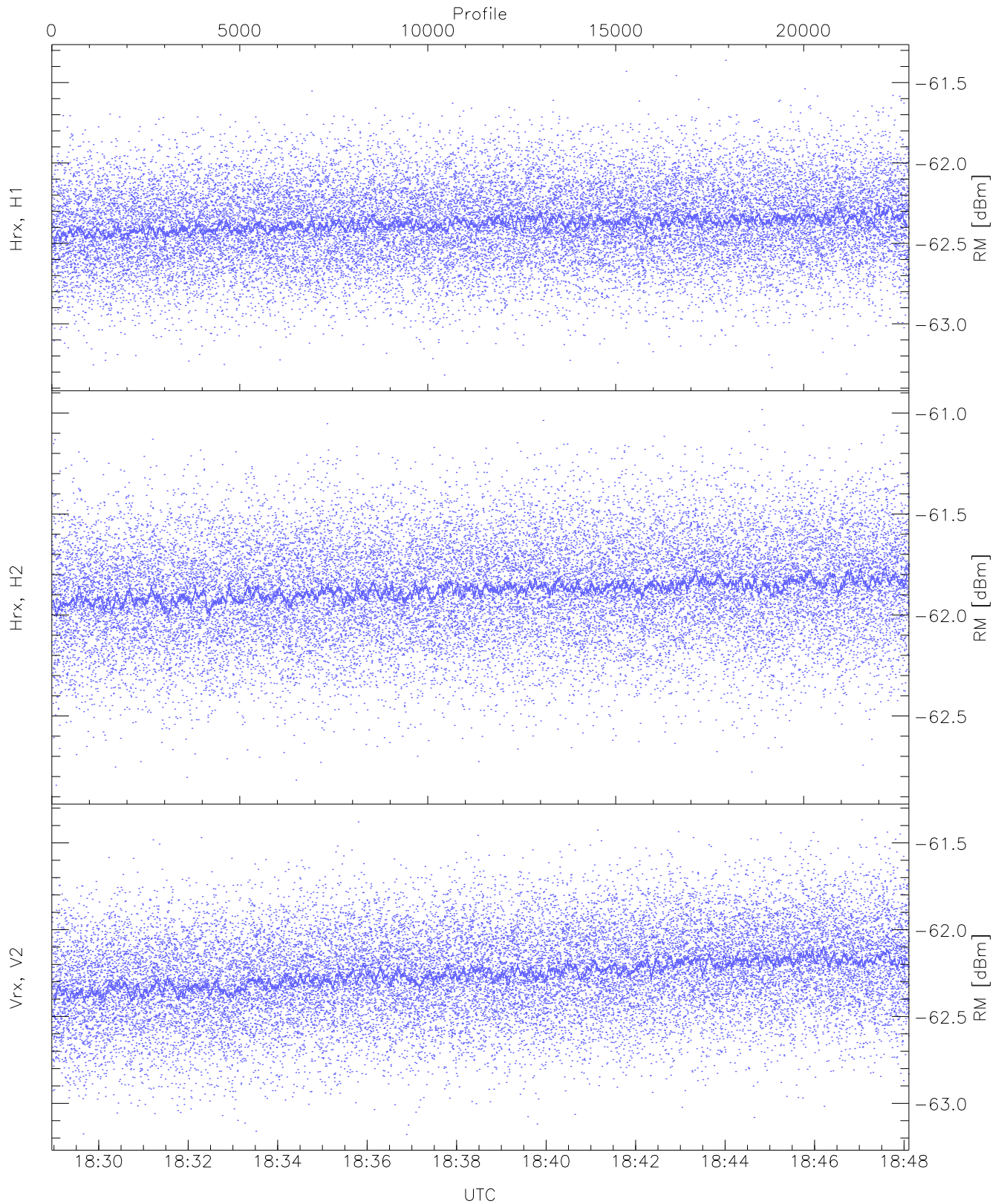
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.81	-60.93	-61.86	-61.86	-74.35
Hrx, H2 (WL [dBm])	-62.91	-60.86	-61.86	-61.86	-74.38
Vrx, V2 (WL [dBm])	-63.40	-61.45	-62.34	-62.35	-74.68



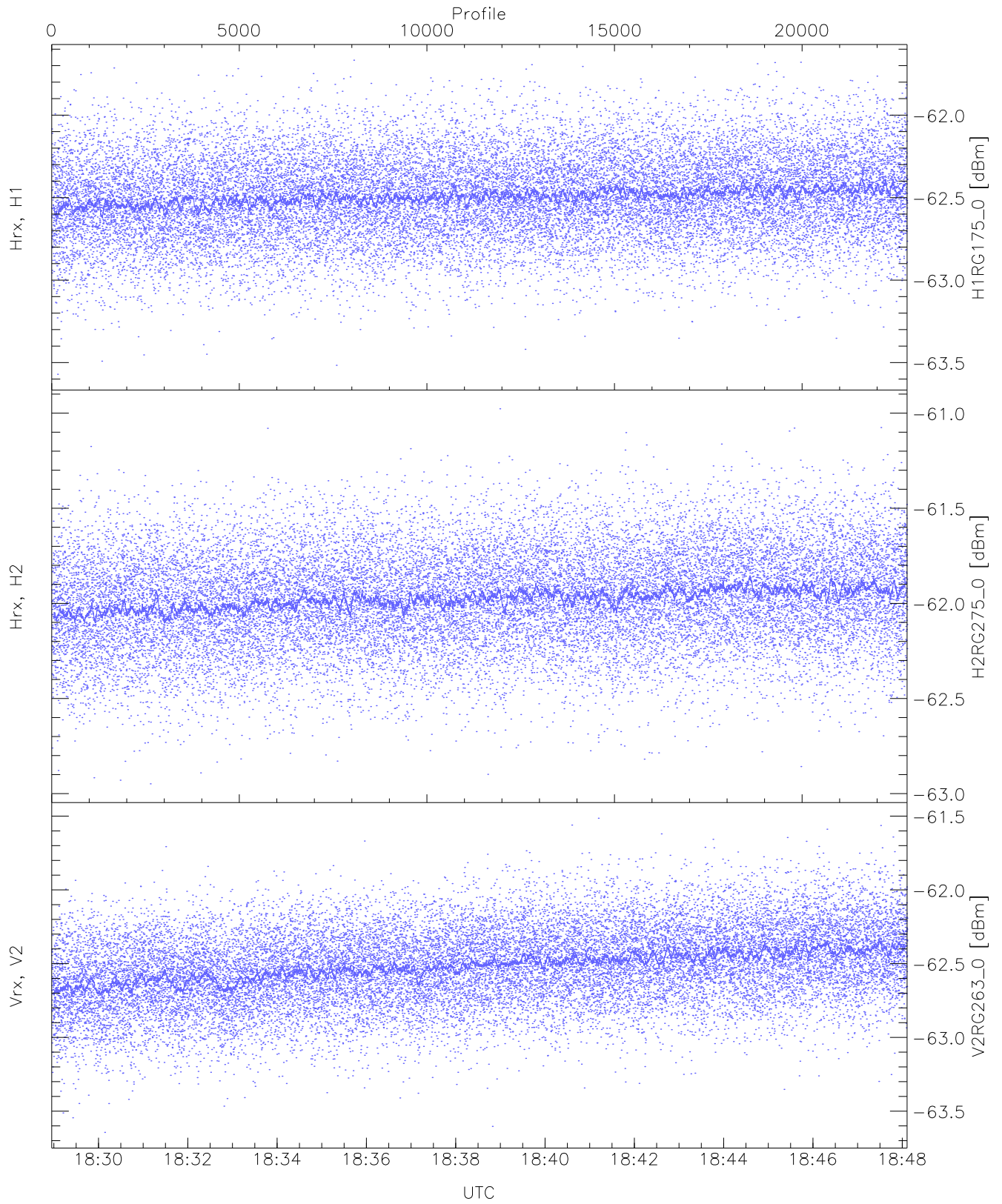
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.59	-60.35	-61.62	-61.63	-74.11
Hrx, H2 (HL [dBm])	-62.68	-60.57	-61.62	-61.62	-74.13
Vrx, V2 (HL [dBm])	-63.25	-61.11	-62.11	-62.12	-74.43



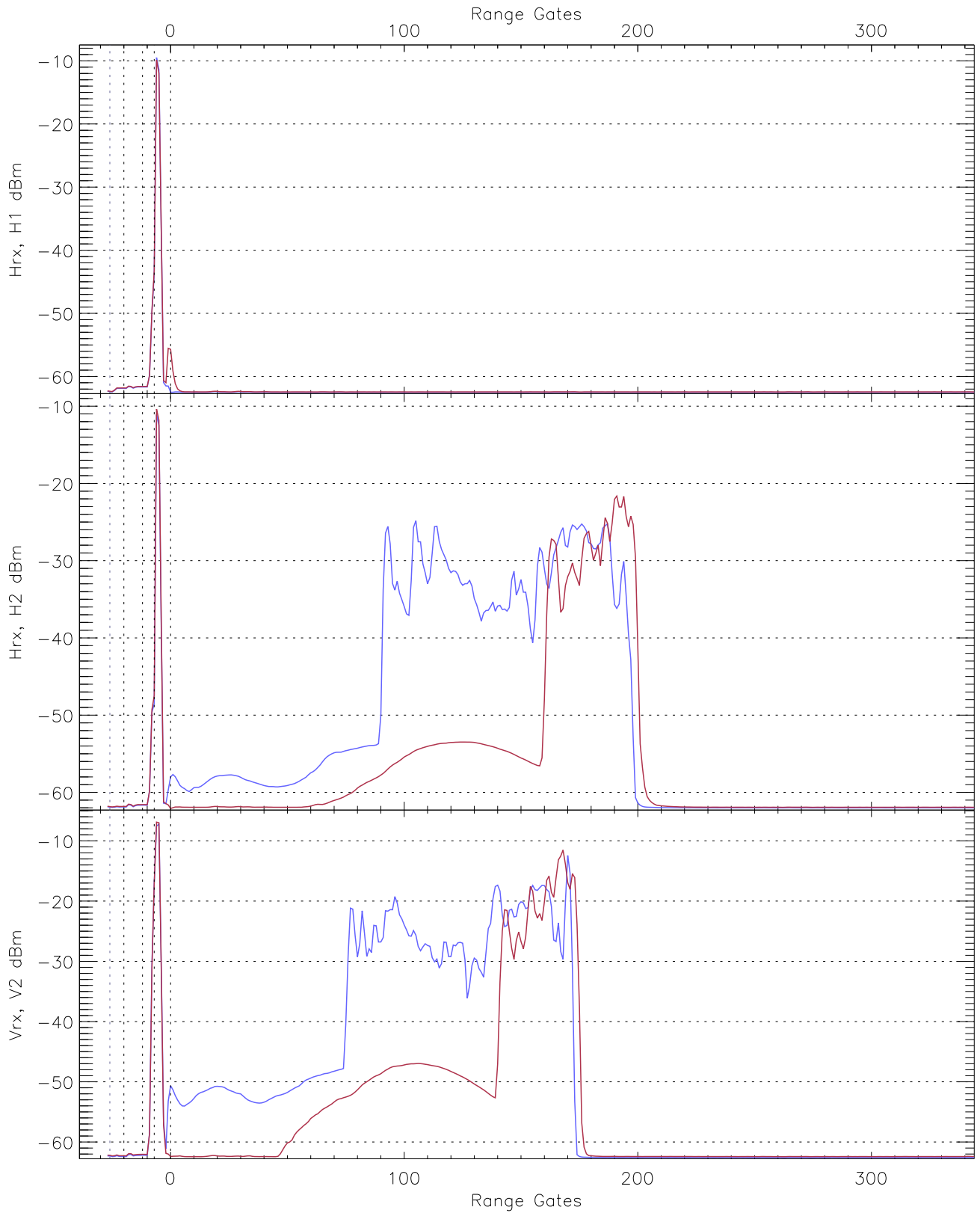
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.32	-61.36	-62.37	-62.38	-74.89
Hrx, H2 (RM [dBm])	-62.84	-60.98	-61.87	-61.88	-74.41
Vrx, V2 (RM [dBm])	-63.18	-61.37	-62.25	-62.26	-74.66



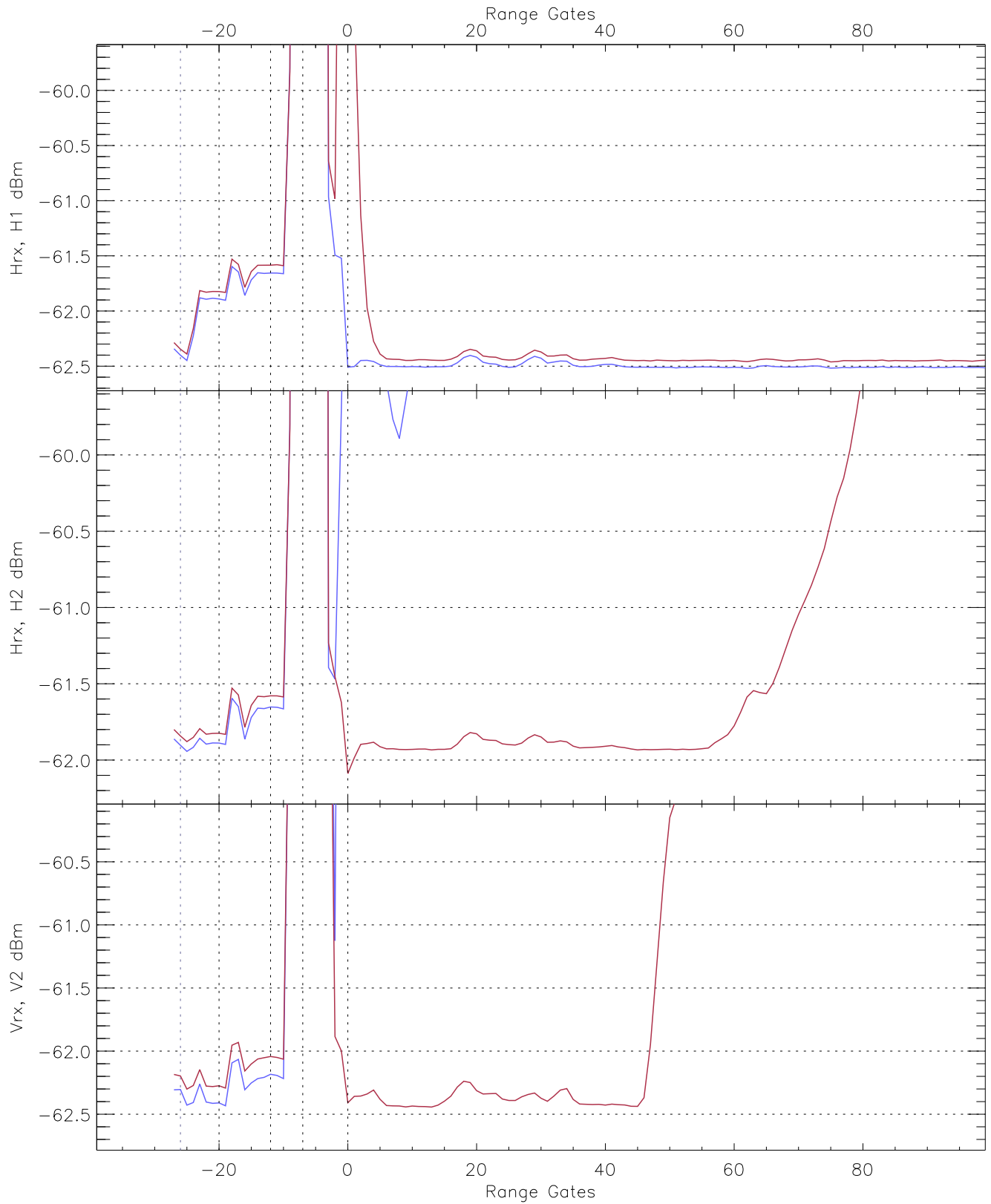
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.57	-61.67	-62.49	-62.50	-75.00
H2RG275_0 [dBm]	-62.95	-60.98	-61.97	-61.98	-74.46
V2RG263_0 [dBm]	-63.64	-61.51	-62.51	-62.52	-74.83

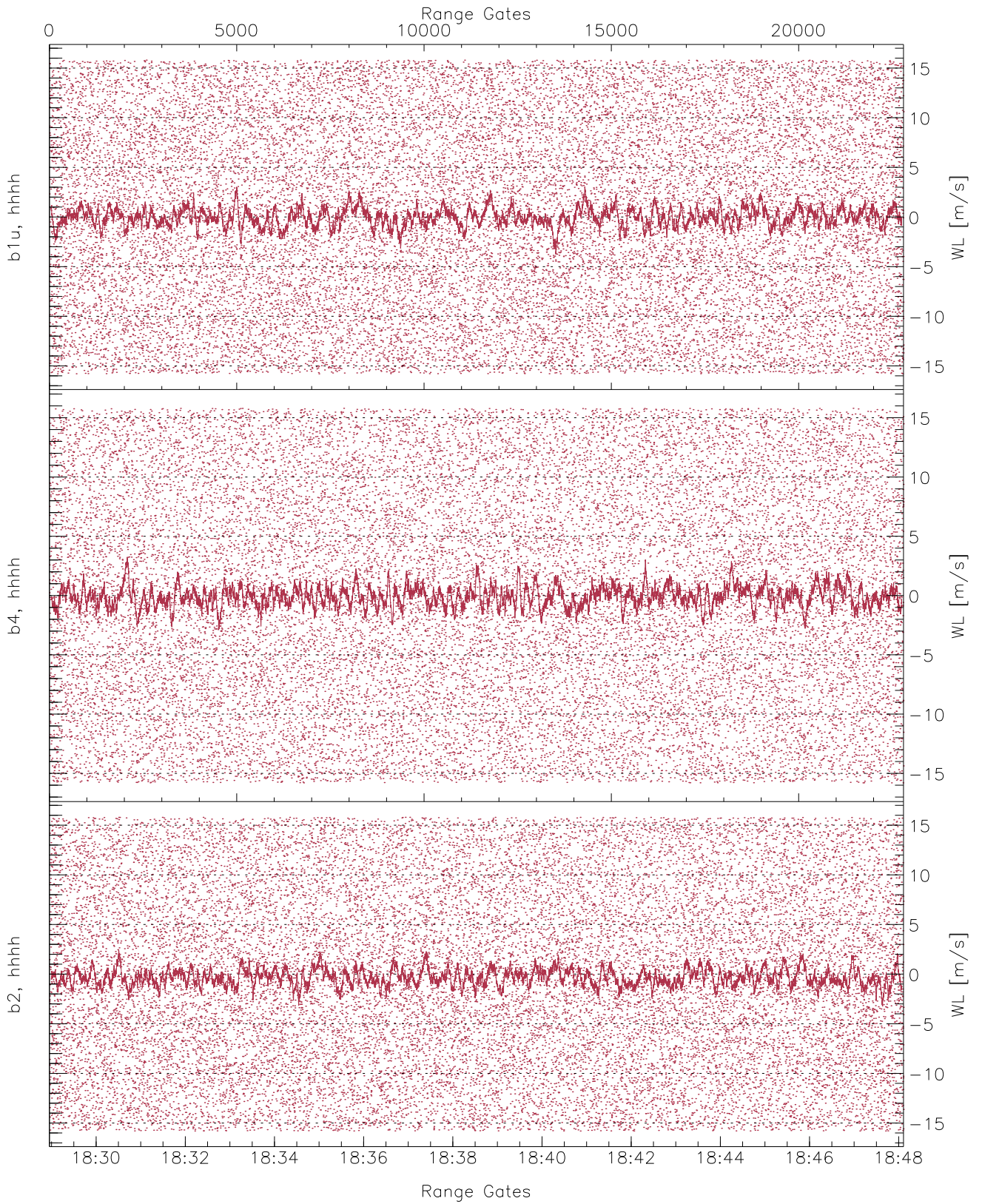


WCR2 CPP Averaged Received power for all recorded gates  
blue: 182857-183832, 11401 profiles averaged  
red: 183832-184806, 11400 profiles averaged

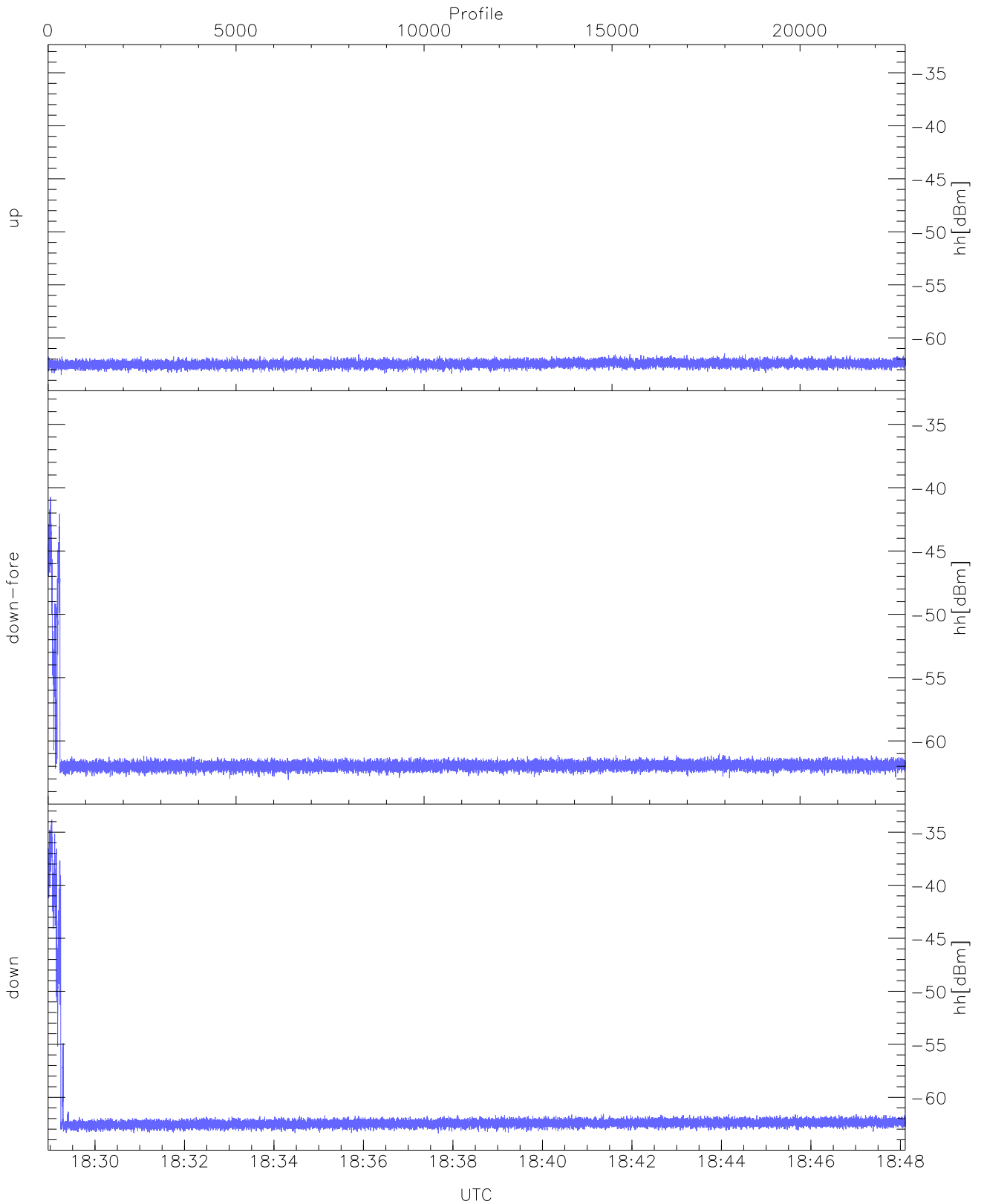




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 182857-183832, 11401 profiles averaged  
red: 183832-184806, 11400 profiles averaged

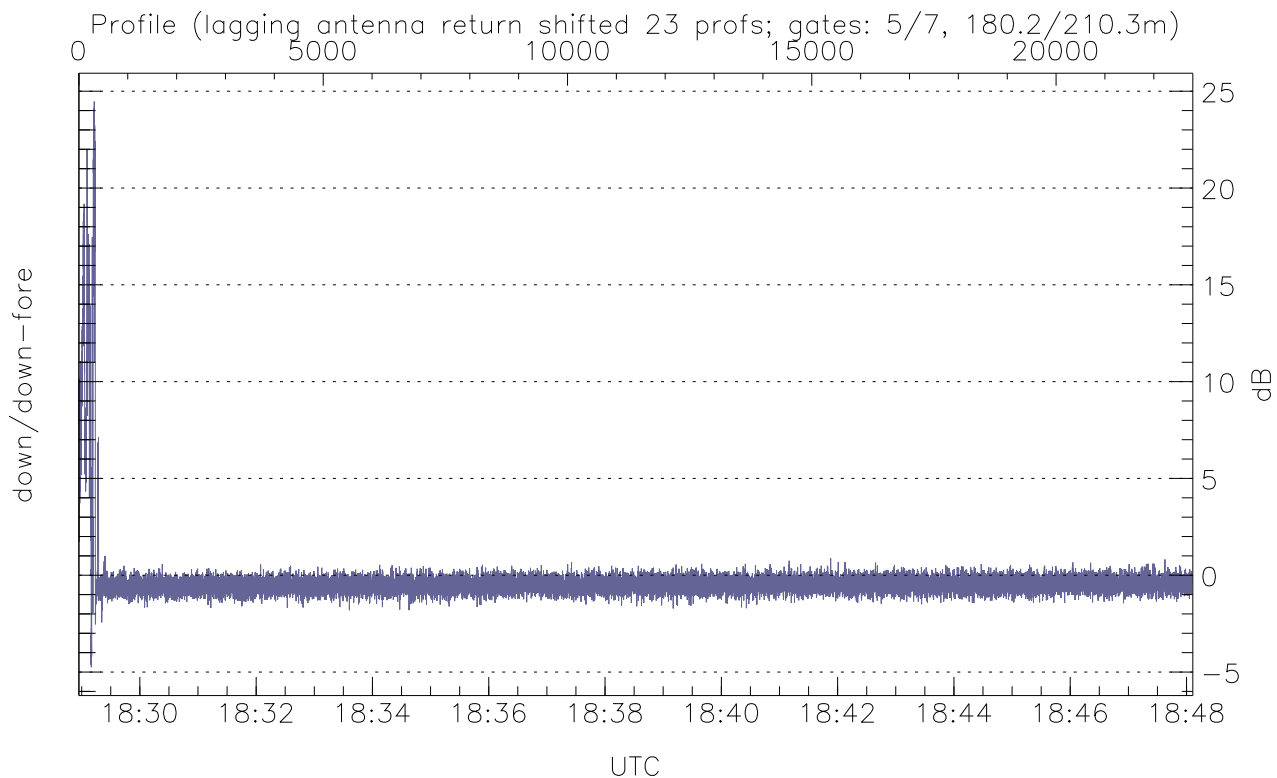
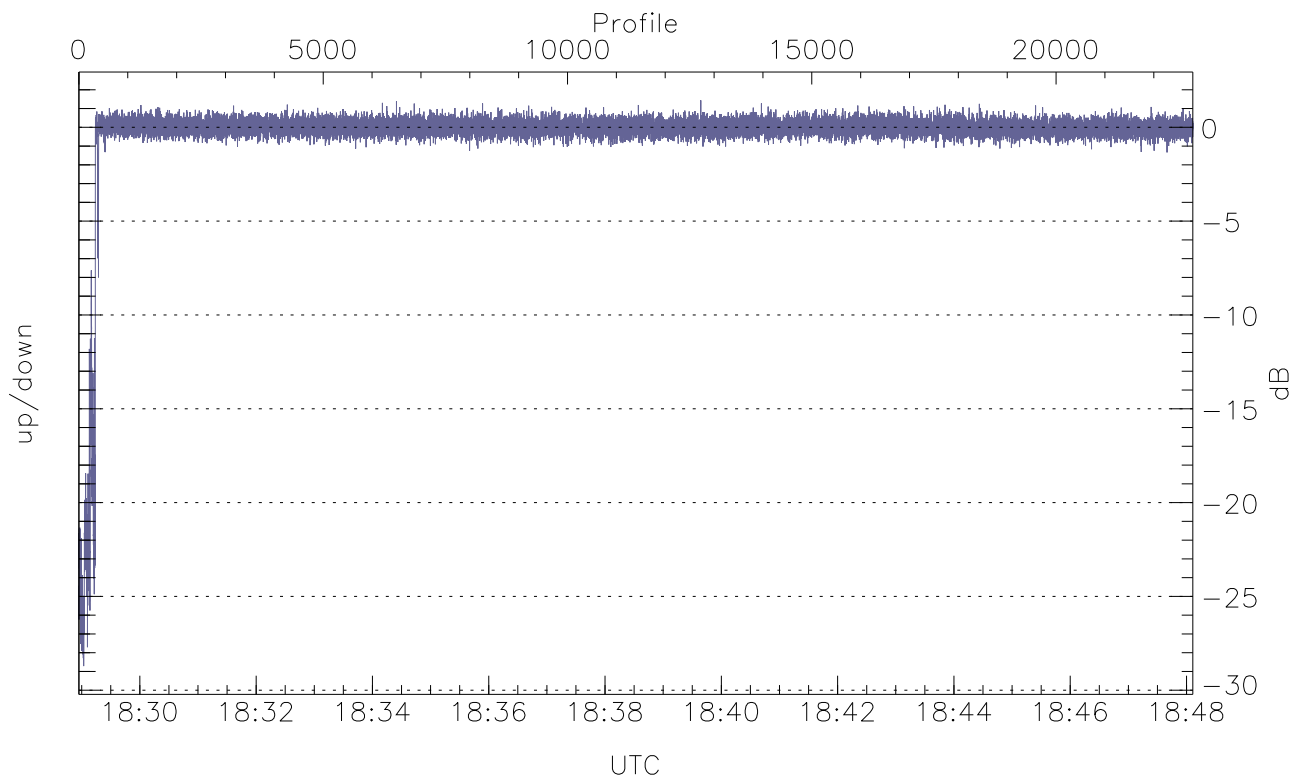


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



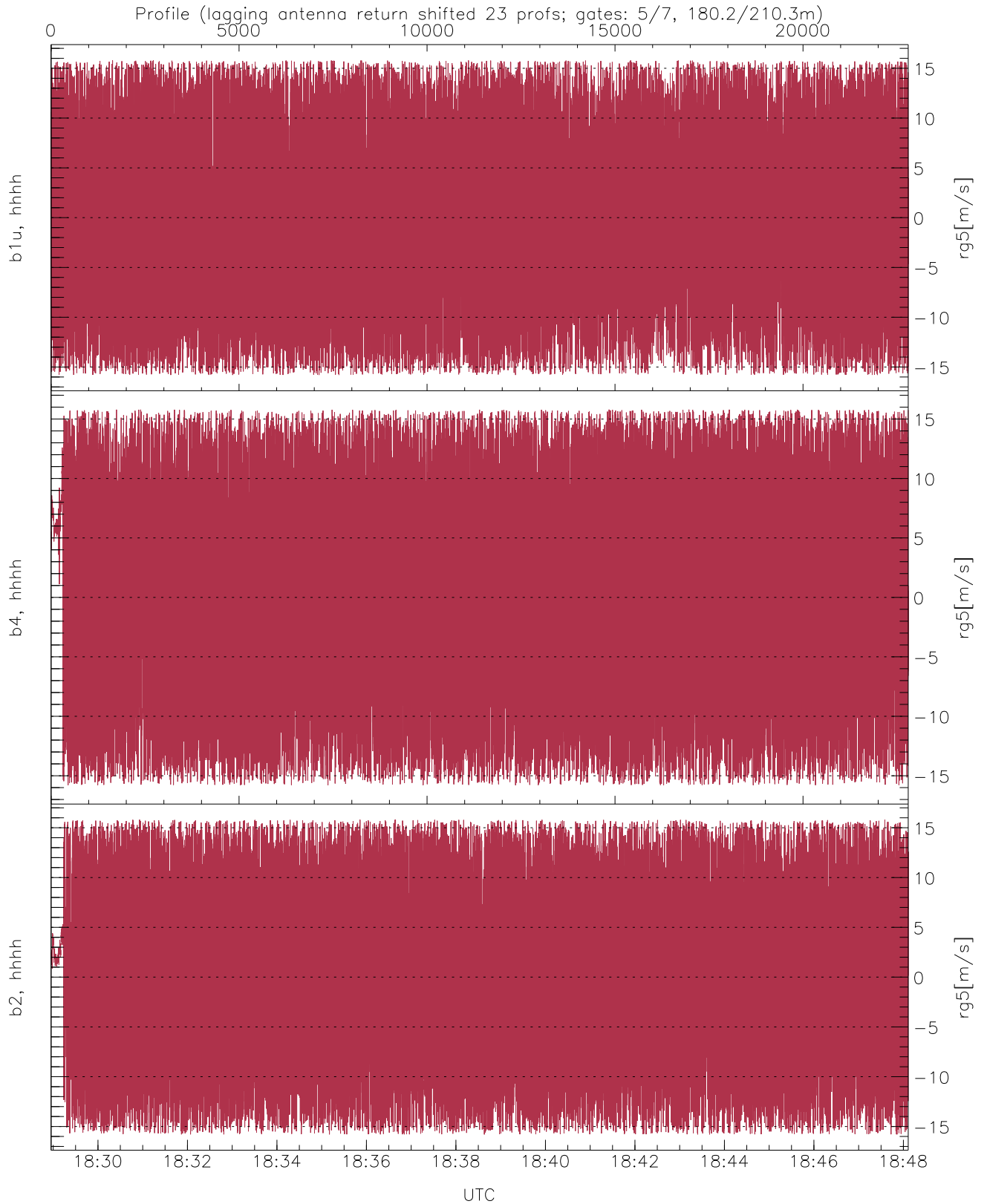
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.50	-61.46	-62.44
down-fore(hh[dBm])	-63.07	-40.74	-60.45
down(hh[dBm])	-63.40	-33.83	-56.43



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

	Min	Max	Mean
up/down (dB)	-28.71	1.44	-0.31
down/down-fore (dB)	-4.75	24.47	-0.33



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.16	8.75
b4, hhhh(rg5[m/s])	-15.80	15.79	0.03	8.99
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.42	8.97