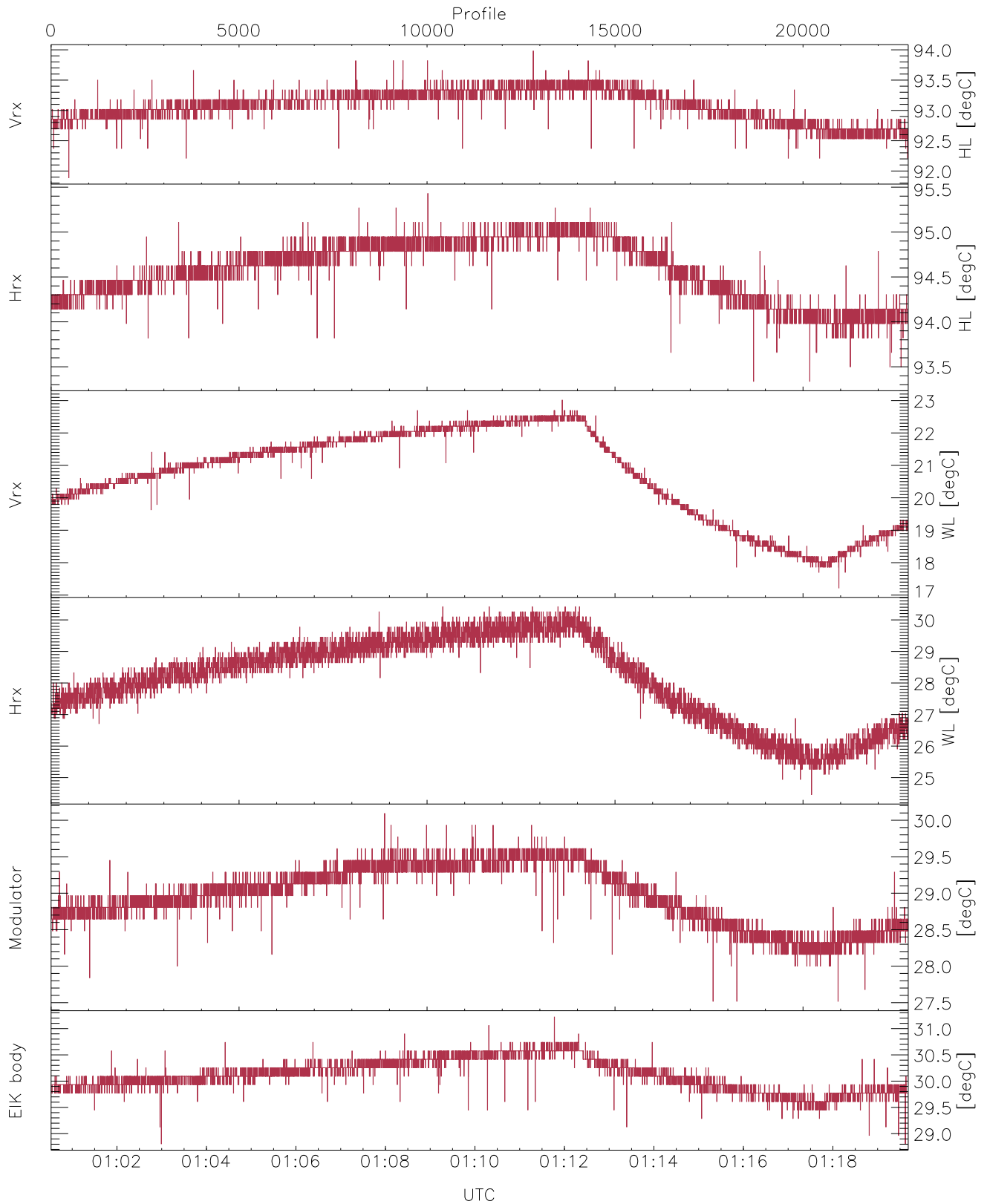


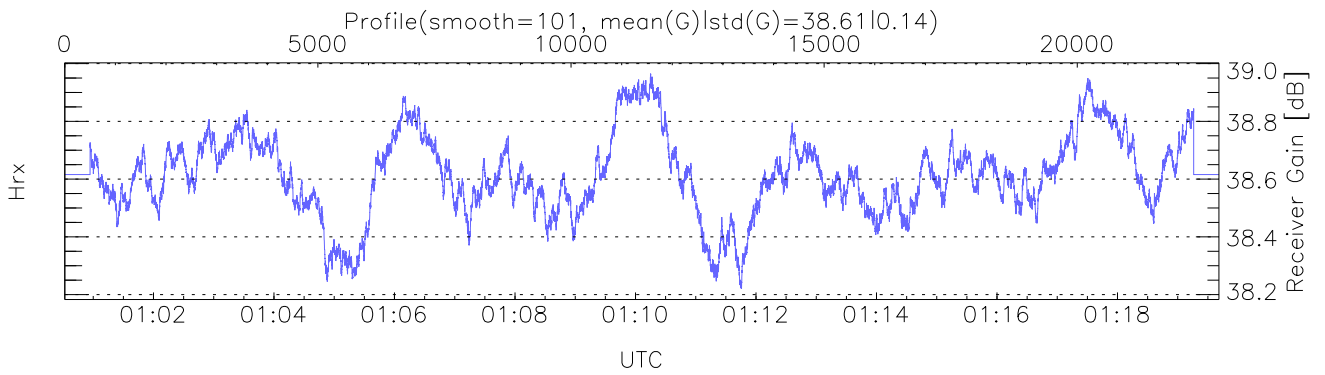
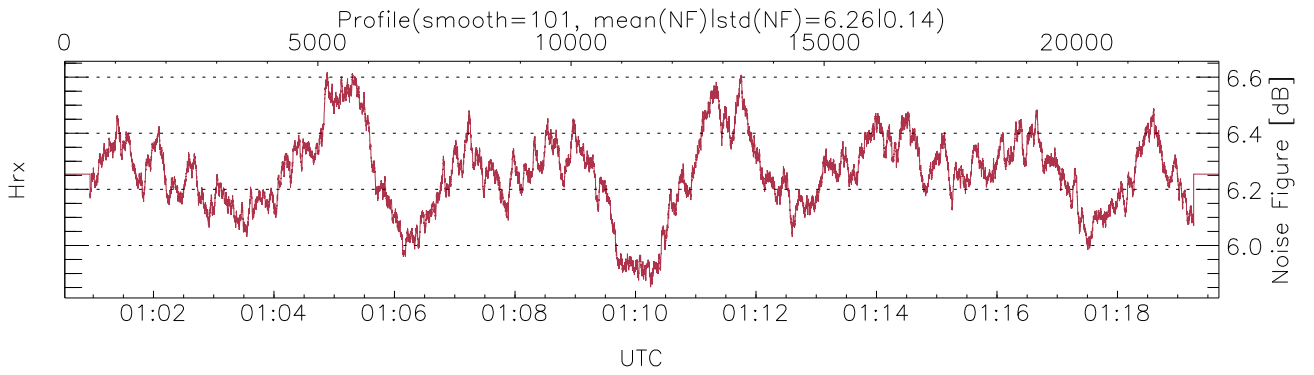
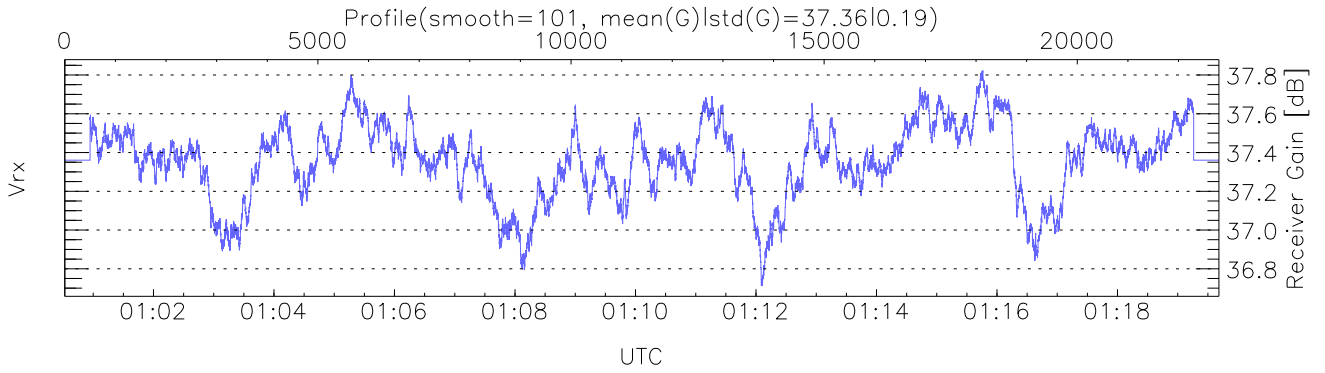
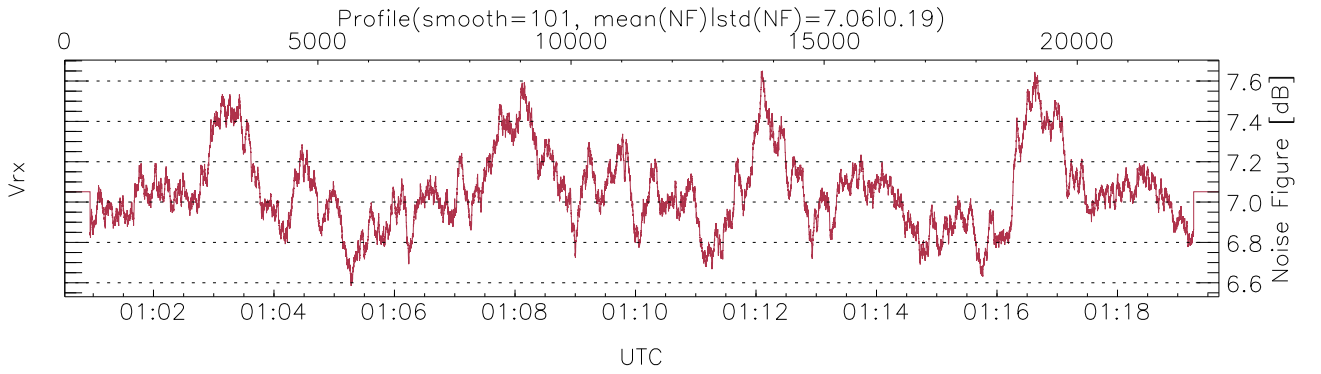
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 01:00:32-01:27:49, Dur: 1637.45s  
 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): 22800/32482, 0-22799/01:00:32-01:19:41  
 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



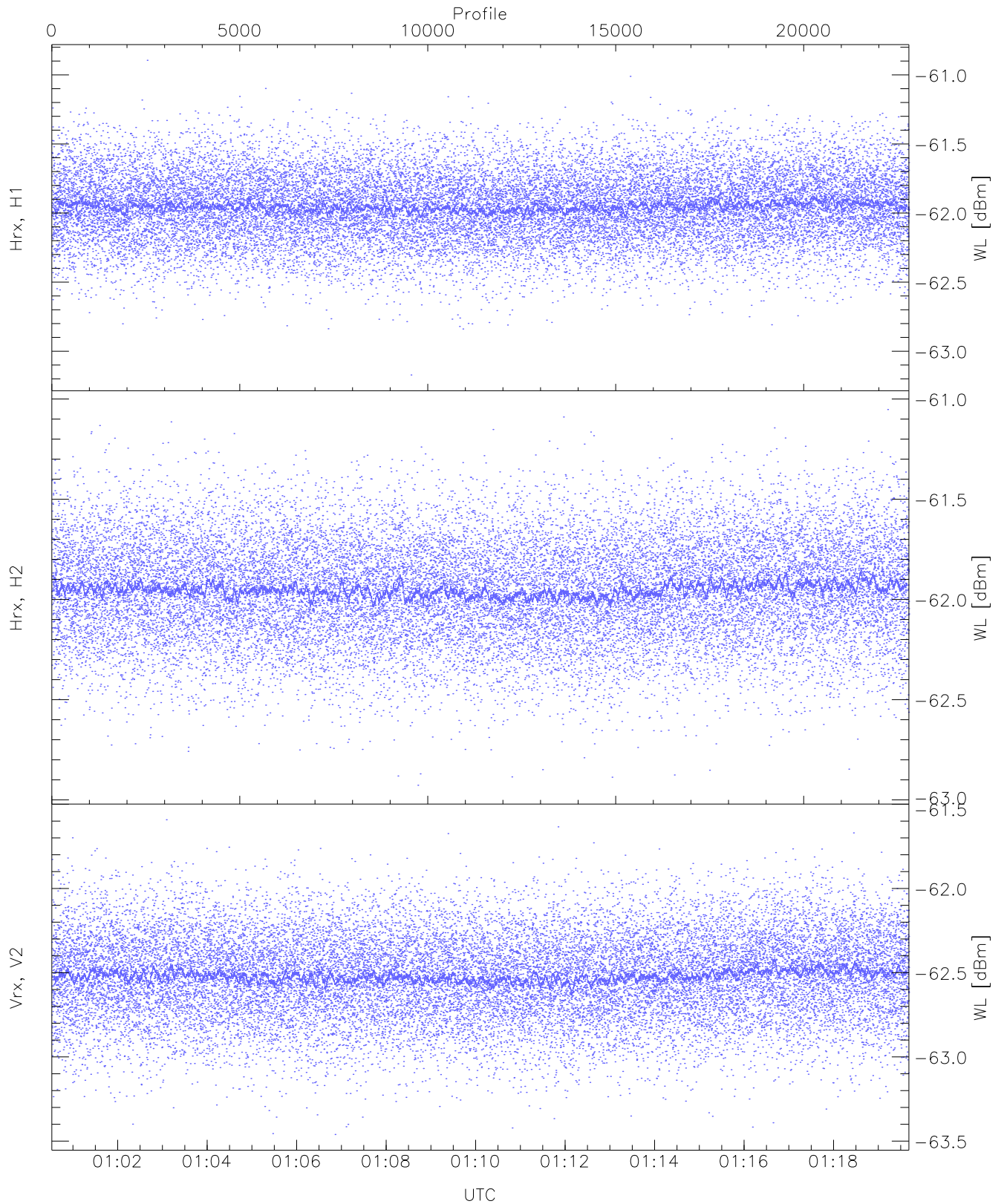
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,17,24,27,28`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,23,30,30,31`  
`LOalarm(20,80,240,2.8,14.8 MHz): 6,0,0,0,0`  
`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (11,11,11,11,11,15)`



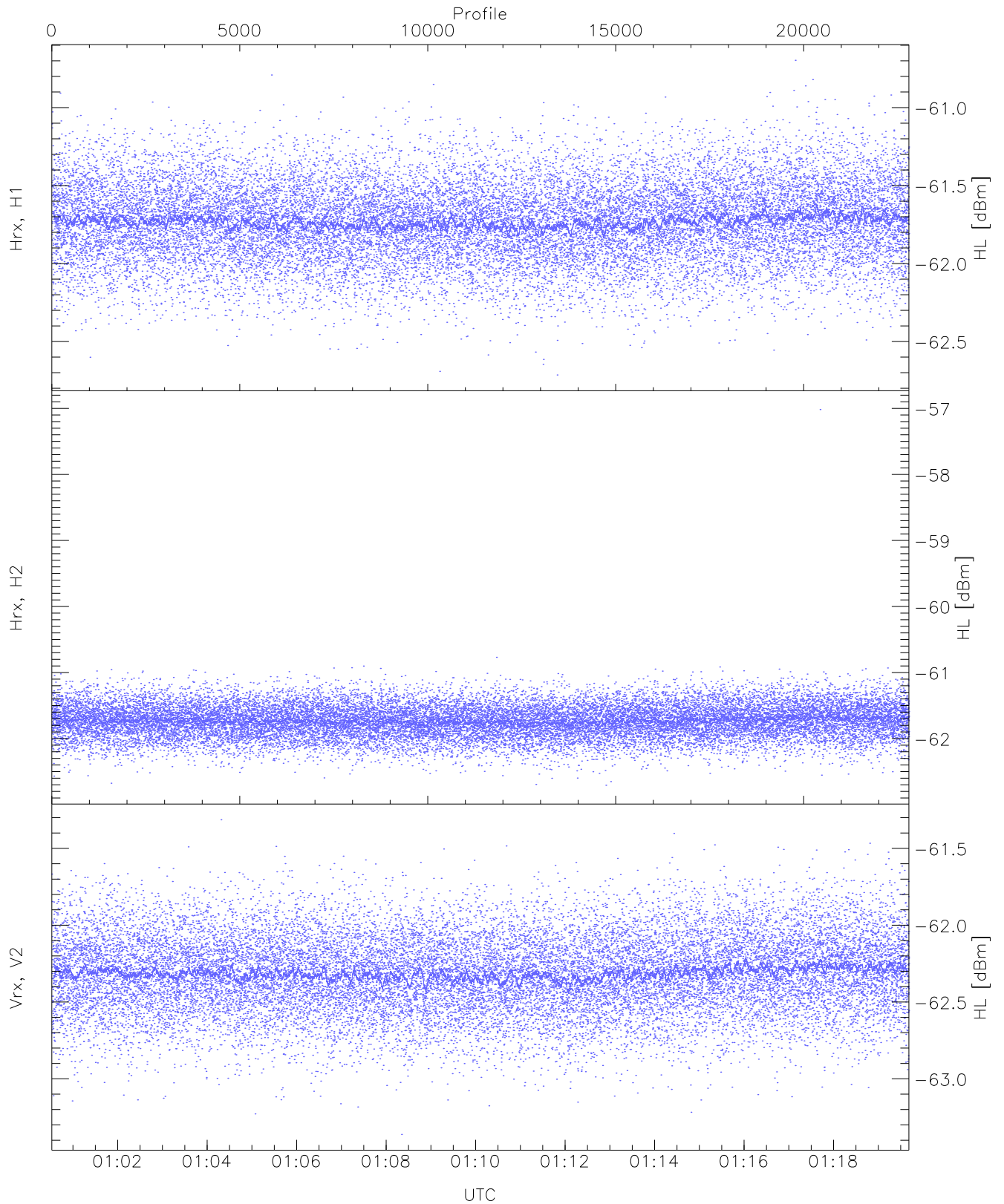
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 575 pixs, 5 gates, 575 profs, 1 prods



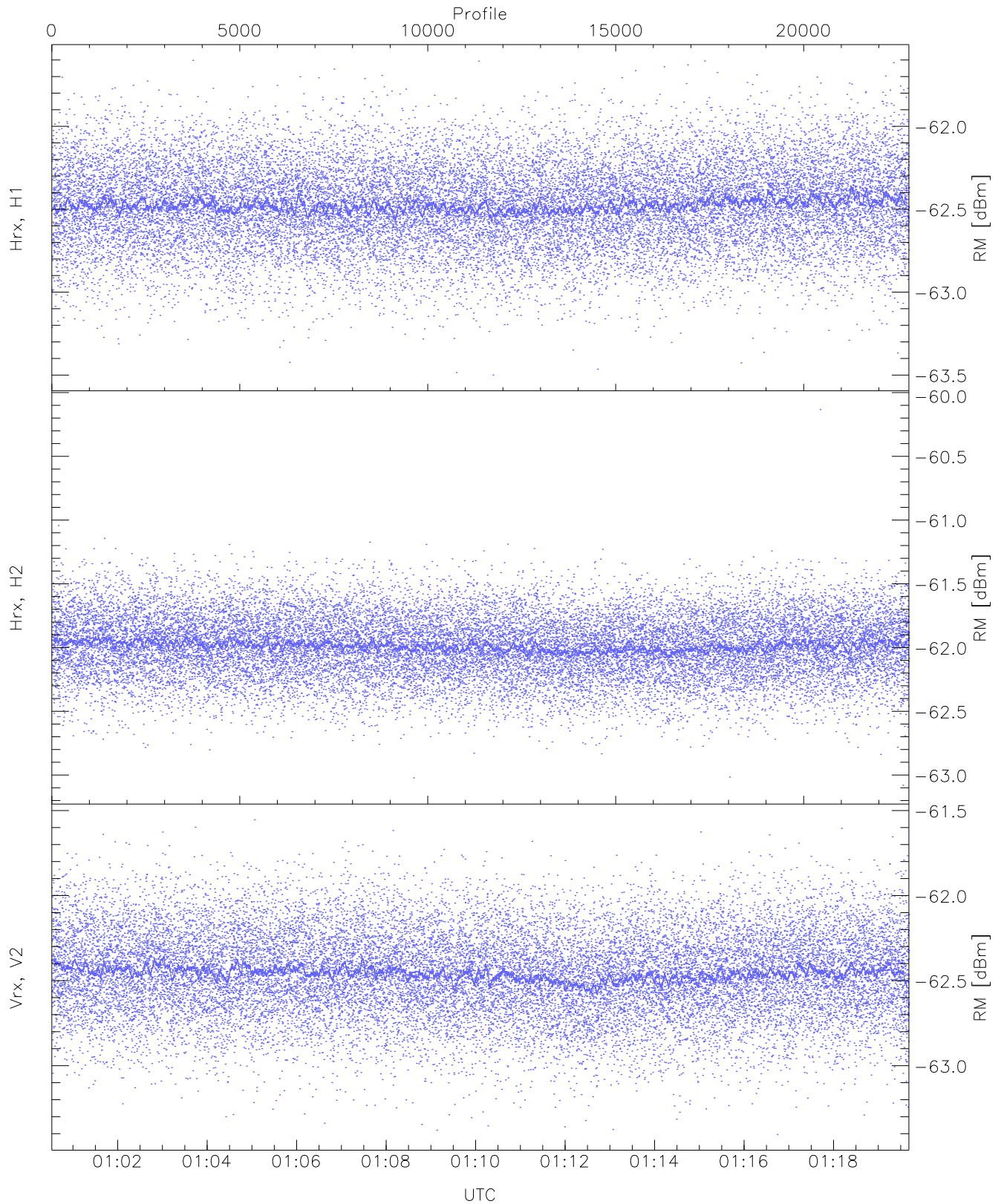
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.17	-60.89	-61.95	-61.95	-74.51
Hrx, H2(WL [dBm])	-62.93	-61.05	-61.95	-61.95	-74.54
Vrx, V2(WL [dBm])	-63.46	-61.59	-62.52	-62.52	-75.06



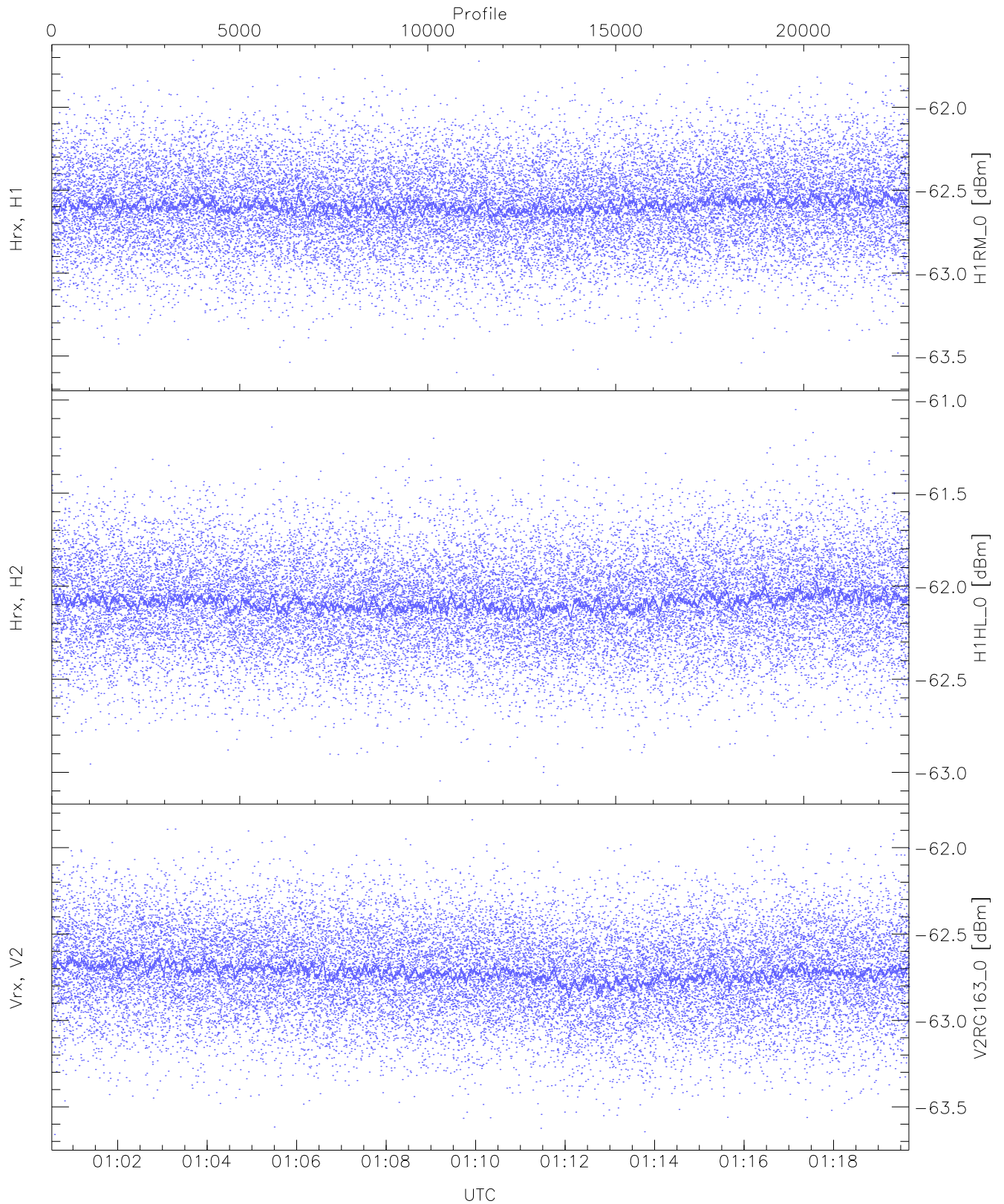
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.71	-60.70	-61.73	-61.73	-74.30
Hrx, H2 (HL [dBm])	-62.71	-57.02	-61.73	-61.73	-74.16
Vrx, V2 (HL [dBm])	-63.36	-61.31	-62.31	-62.31	-74.86



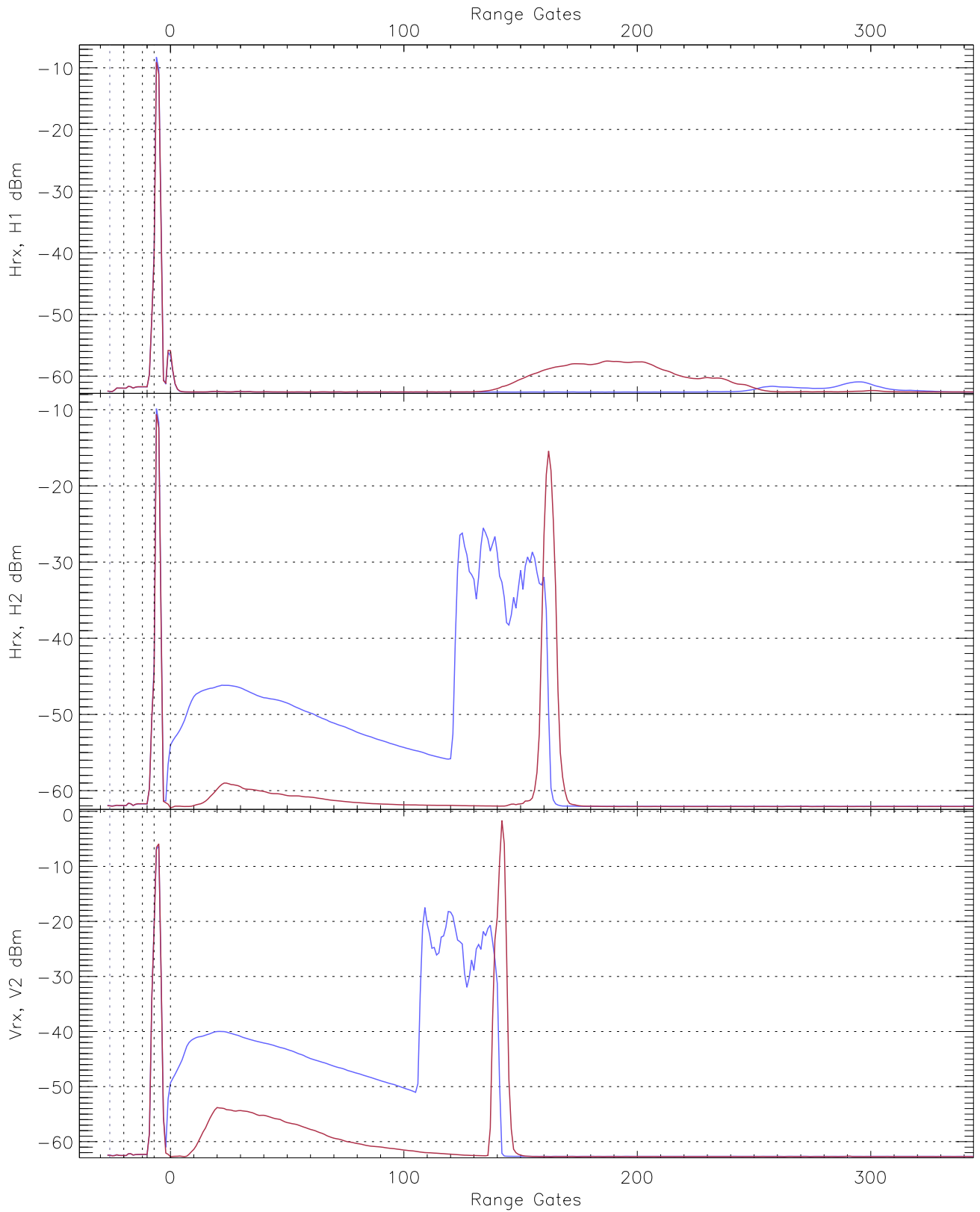
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.50	-61.60	-62.47	-62.48	-74.98
Hrx, H2 (RM [dBm])	-63.08	-60.13	-61.98	-61.99	-74.56
Vrx, V2 (RM [dBm])	-63.40	-61.55	-62.45	-62.46	-74.97



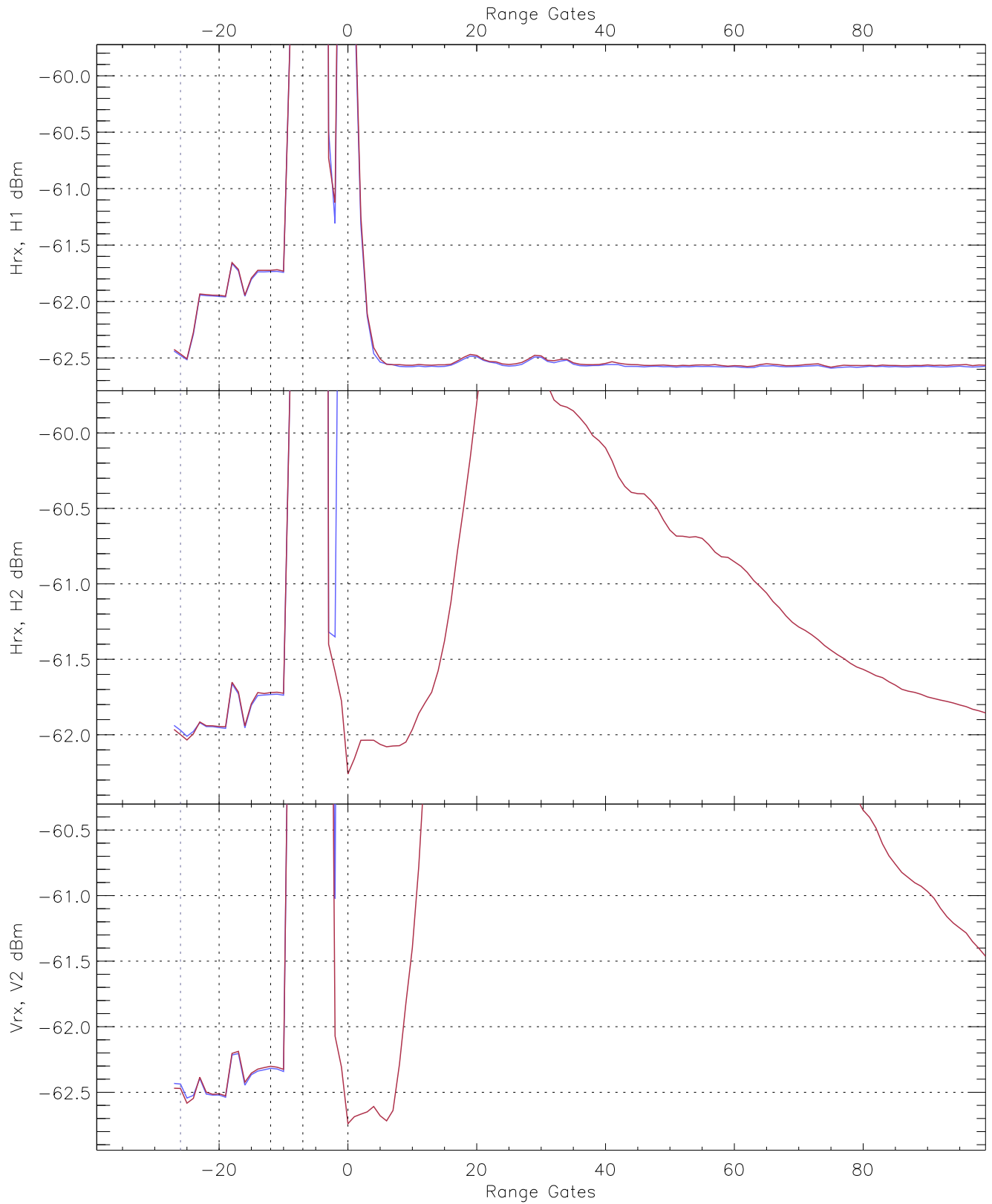
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-63.61	-61.72	-62.59	-62.59	-75.10
H1HL_0 [dBm]	-63.07	-61.05	-62.08	-62.08	-74.66
V2RG163_0 [dBm]	-63.66	-61.84	-62.72	-62.72	-75.26

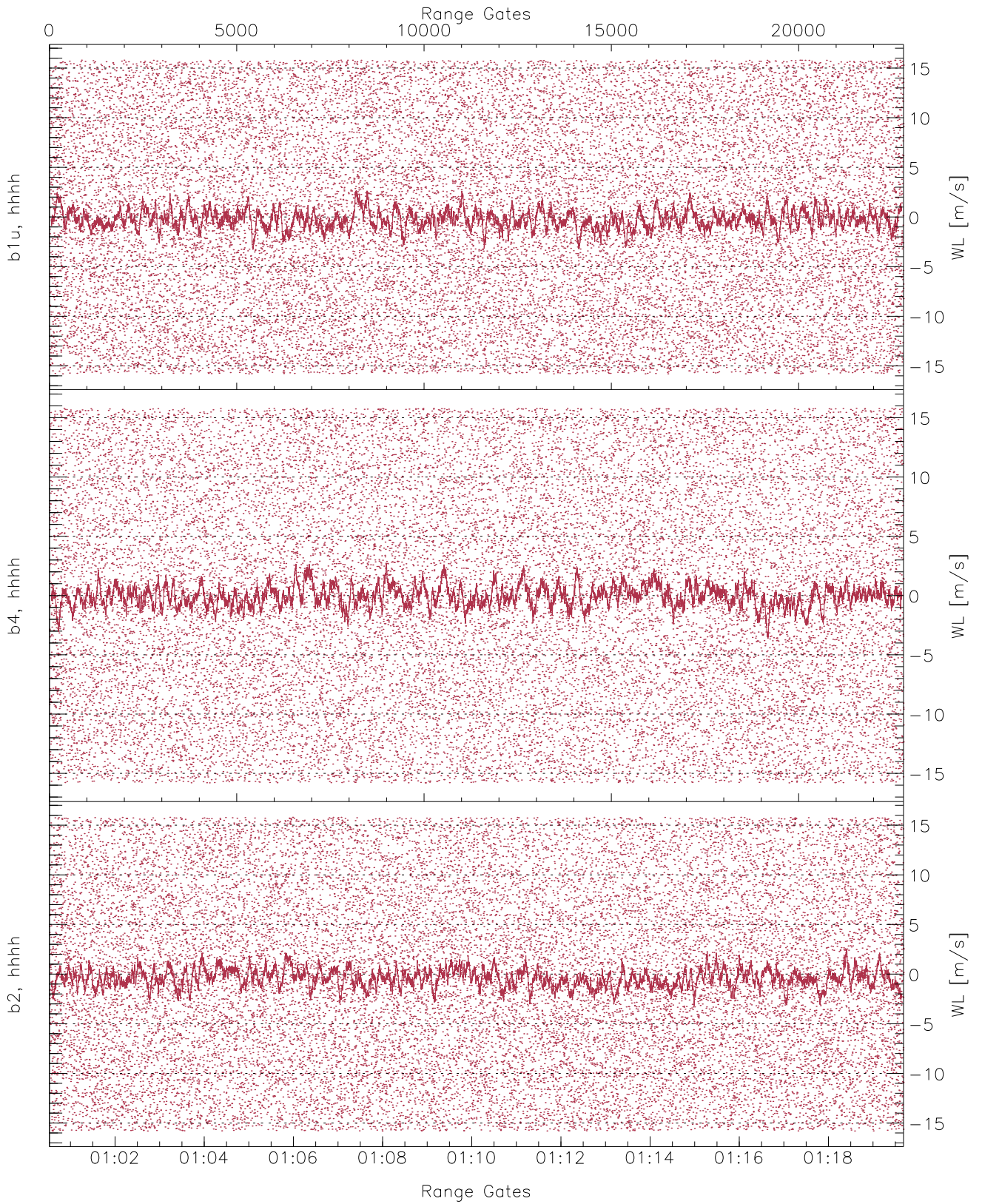


WCR2 CPP Averaged Received power for all recorded gates  
blue: 010032-011006, 11401 profiles averaged  
red: 011006-011941, 11400 profiles averaged

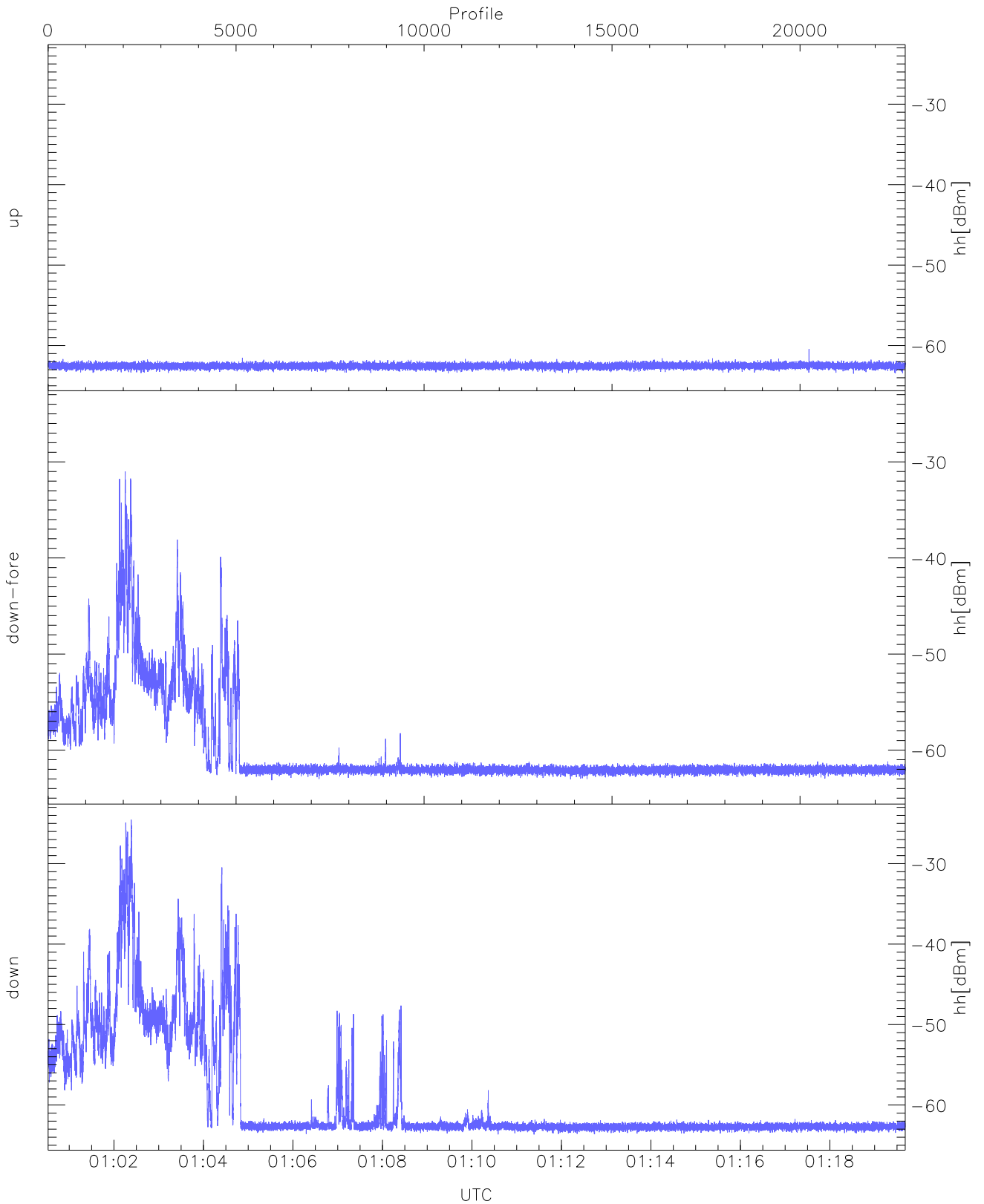




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 010032-011006, 11401 profiles averaged  
red: 011006-011941, 11400 profiles averaged

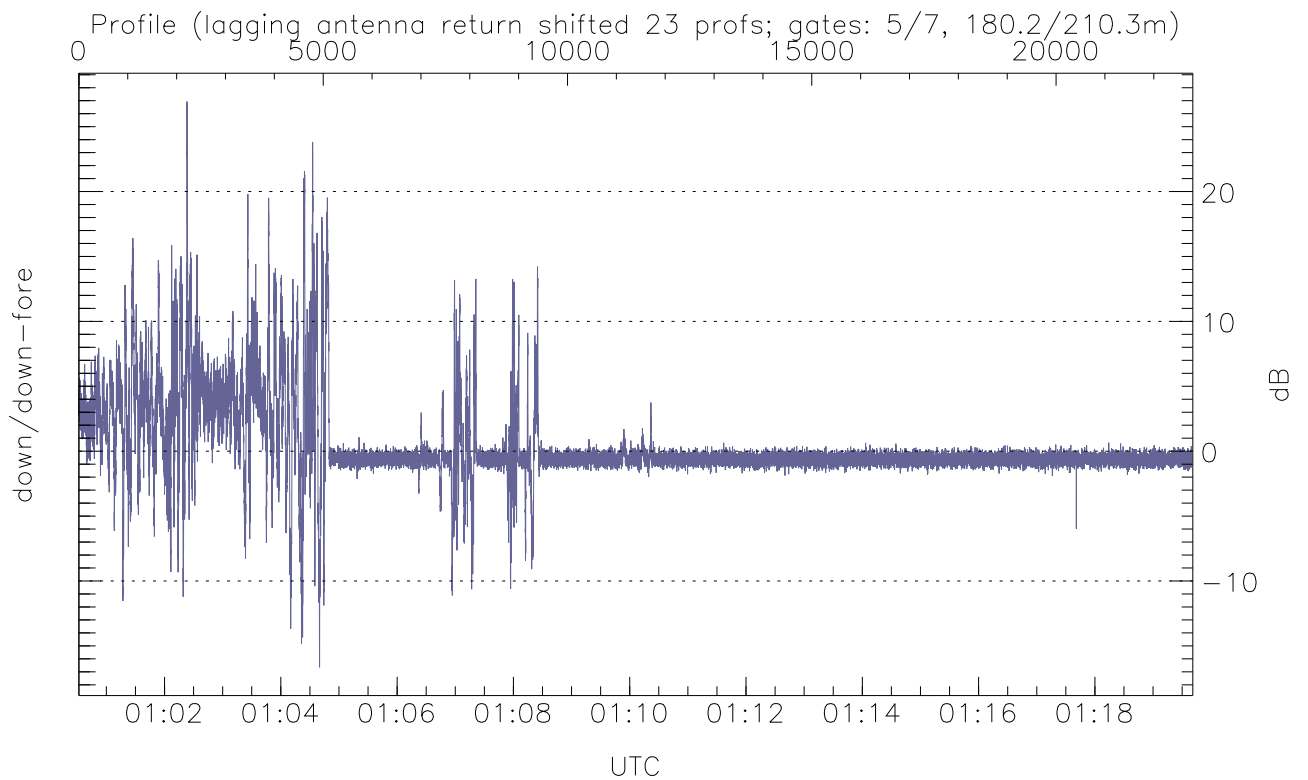
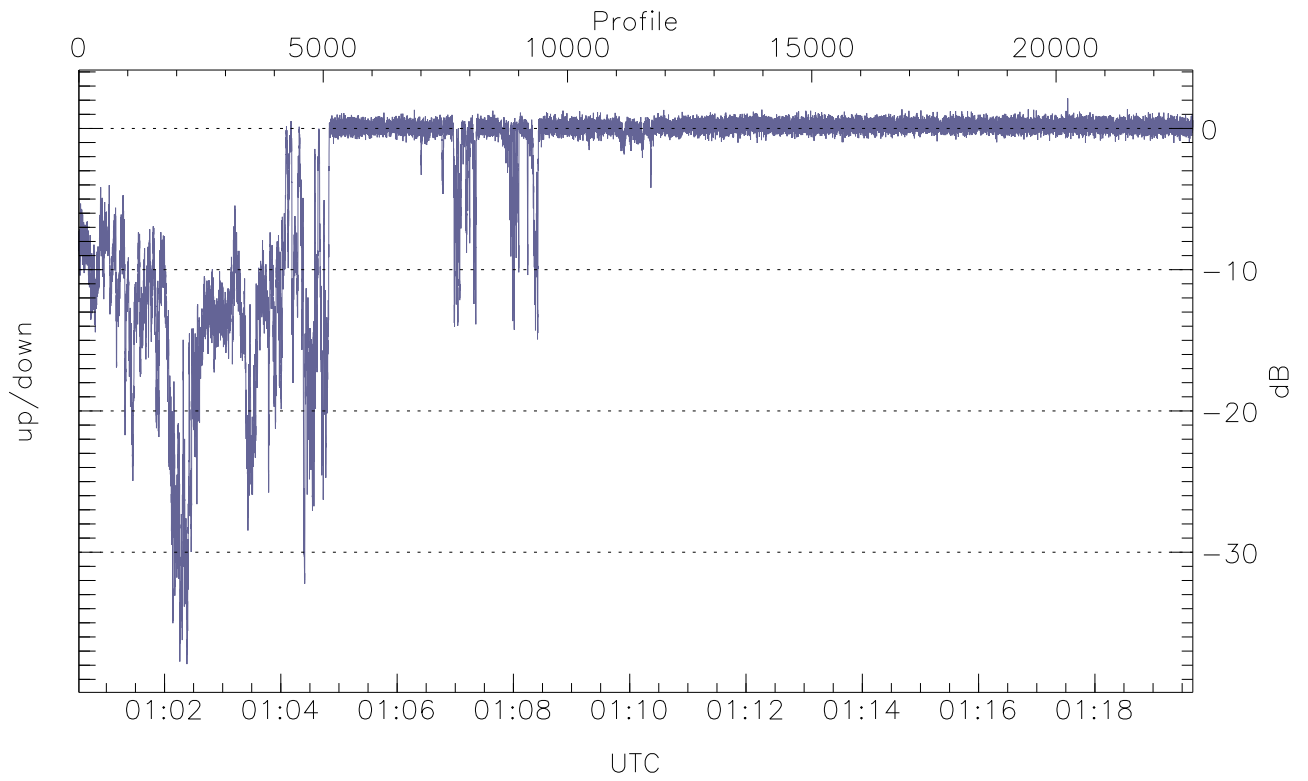


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



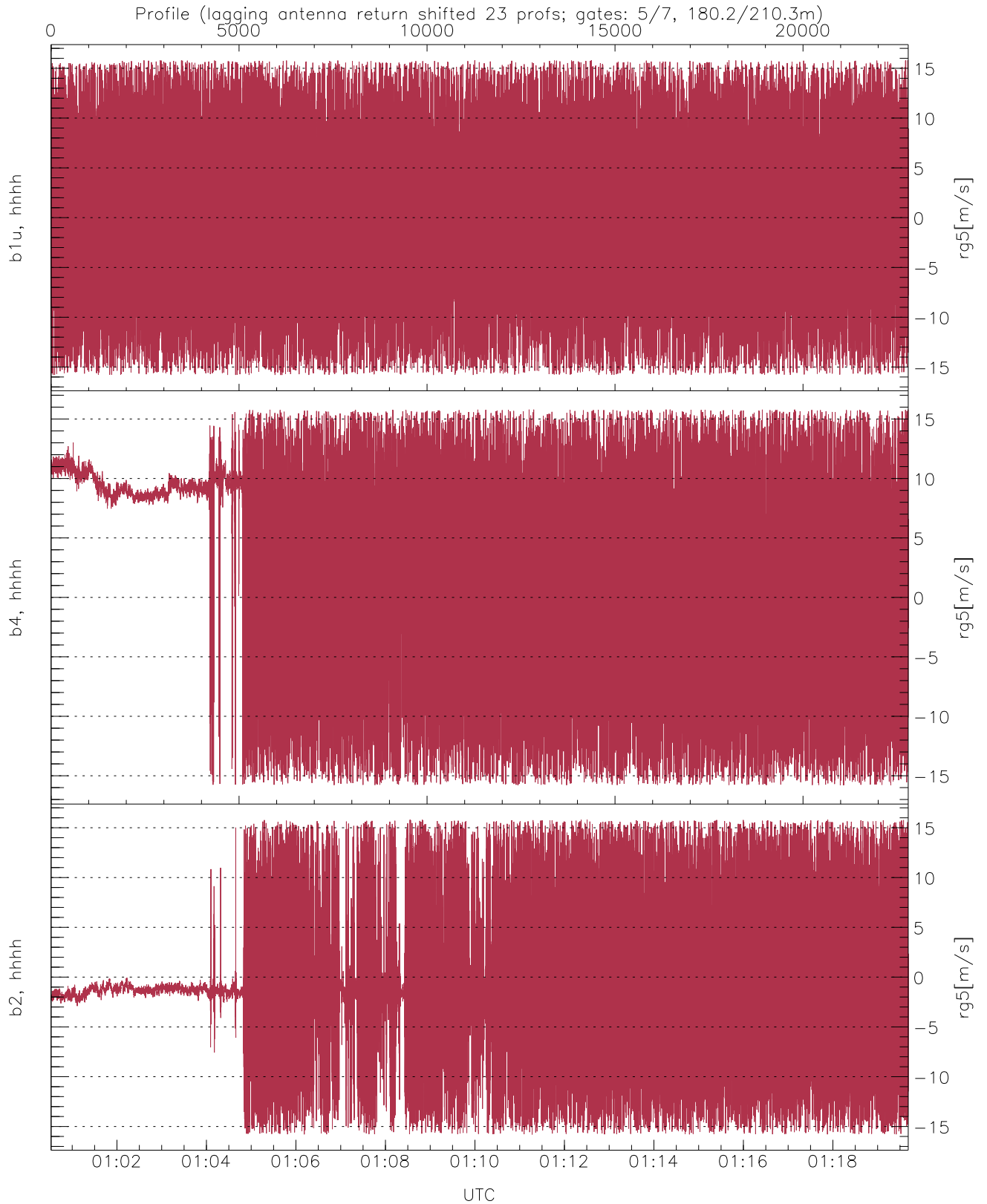
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.49	-60.45	-62.52
down-fore(hh[dBm])	-63.14	-30.99	-54.11
down(hh[dBm])	-63.66	-24.55	-48.08



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

	Min	Max	Mean
up/down (dB)	-37.92	2.13	-3.17
down/down-fore (dB)	-16.65	26.94	0.40



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.09	8.64
b4, hhhh(rg5[m/s])	-15.80	15.80	2.12	8.84
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.77	7.52