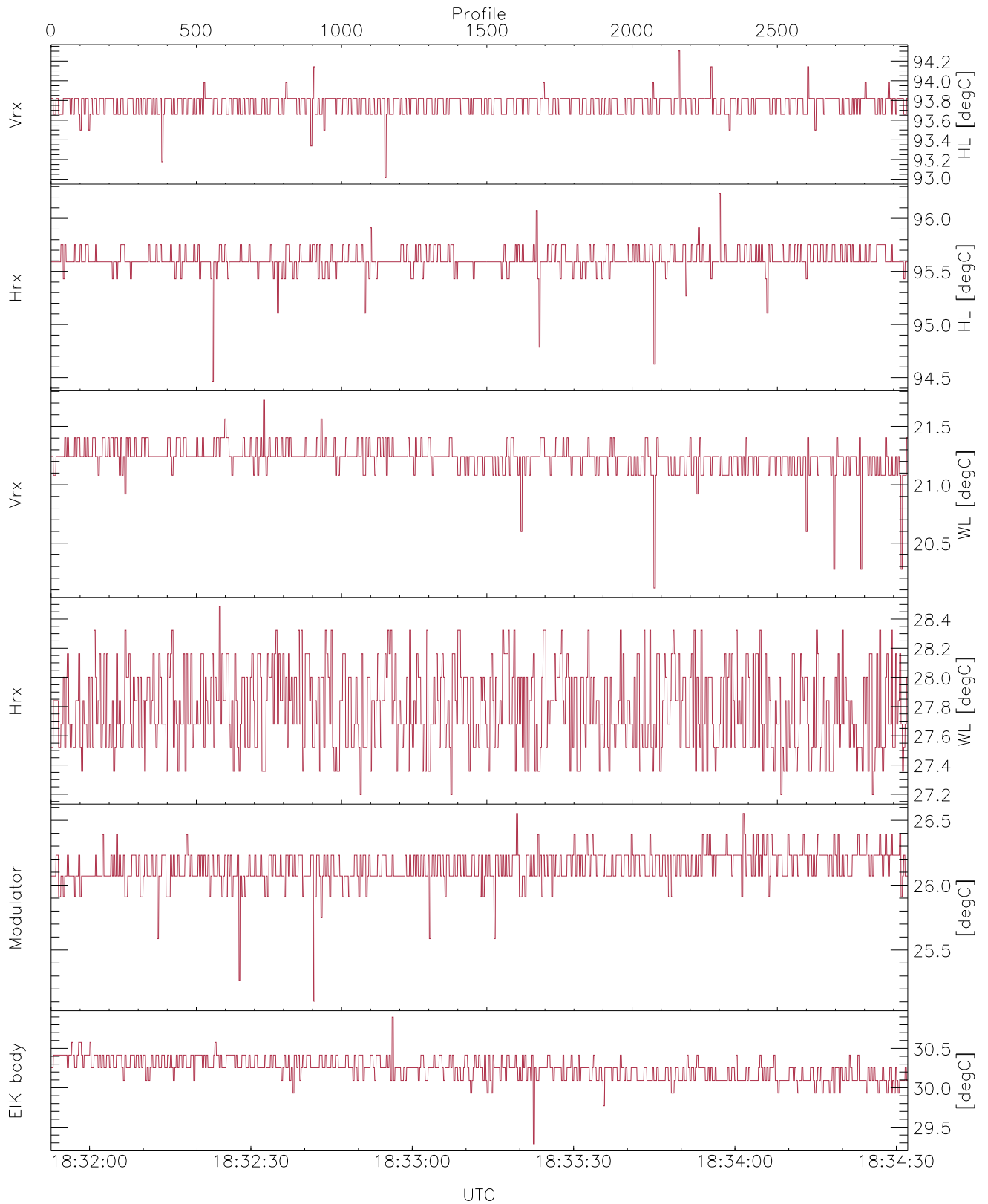


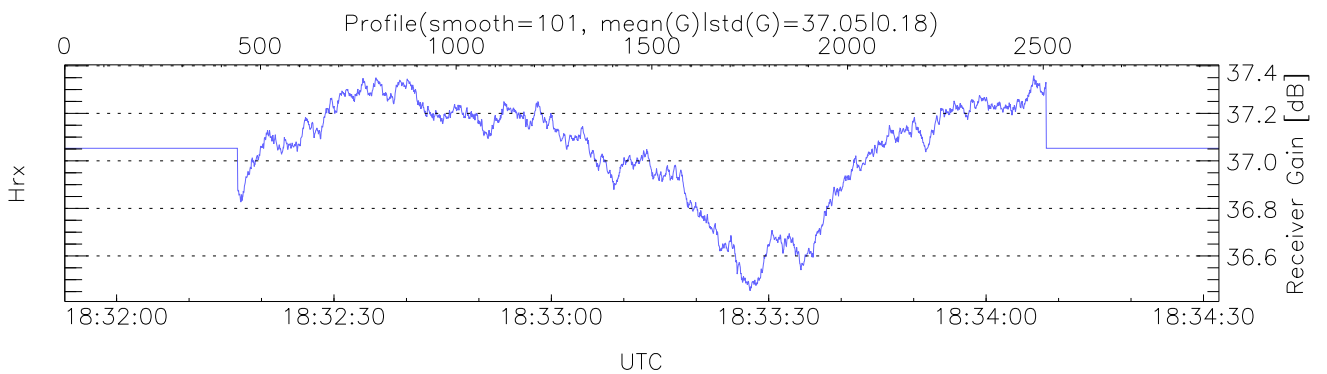
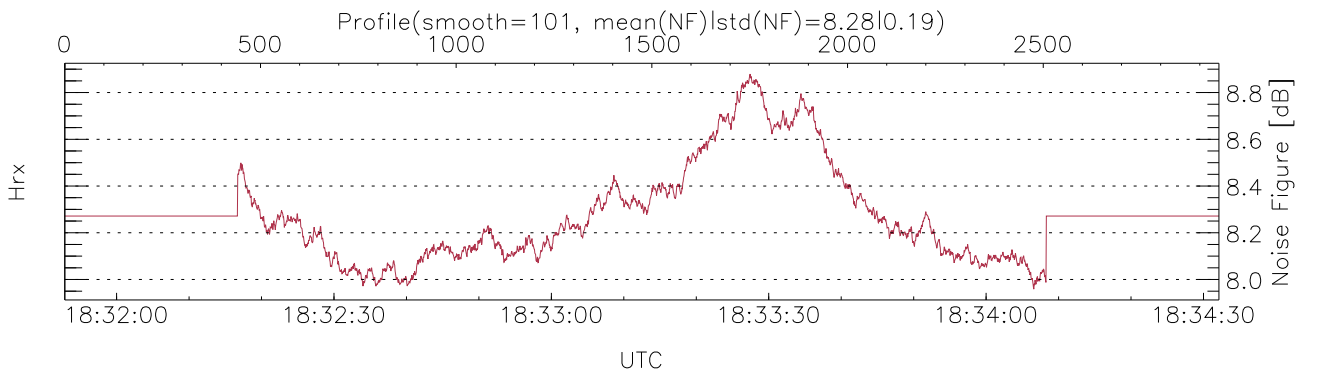
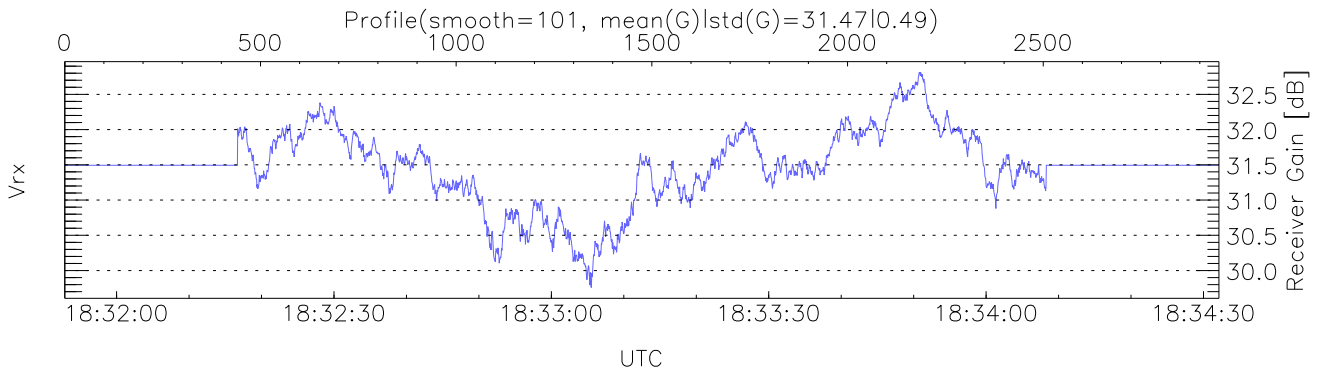
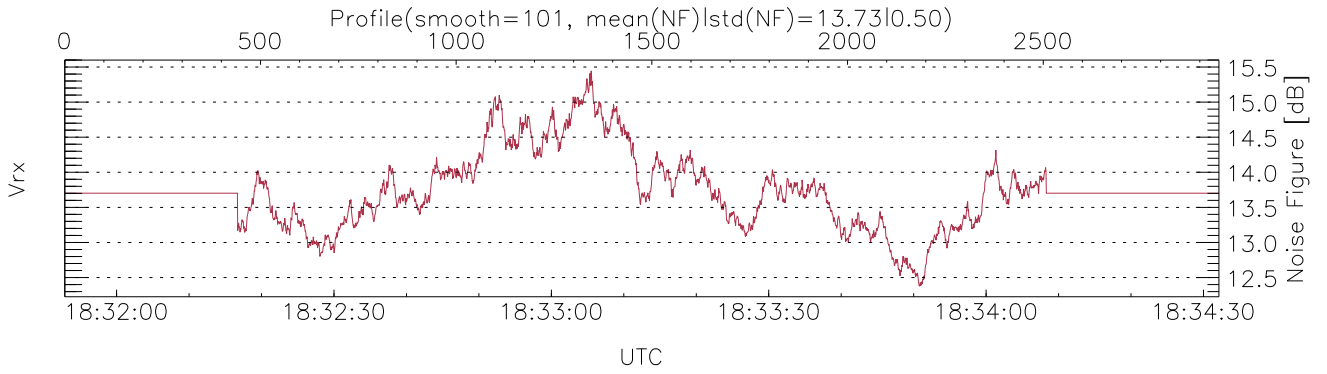
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:31:53-18:34:32, Dur: 159.29s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19  
 NumRec(r/t): 2950/2950, 0-2949/18:31:53-18:34:32  
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180  
 Pulse: 100ns, IFF: 10.0MHz, 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): 82,2951,7.5 m, Gates: 383, Aspect: 1.5  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



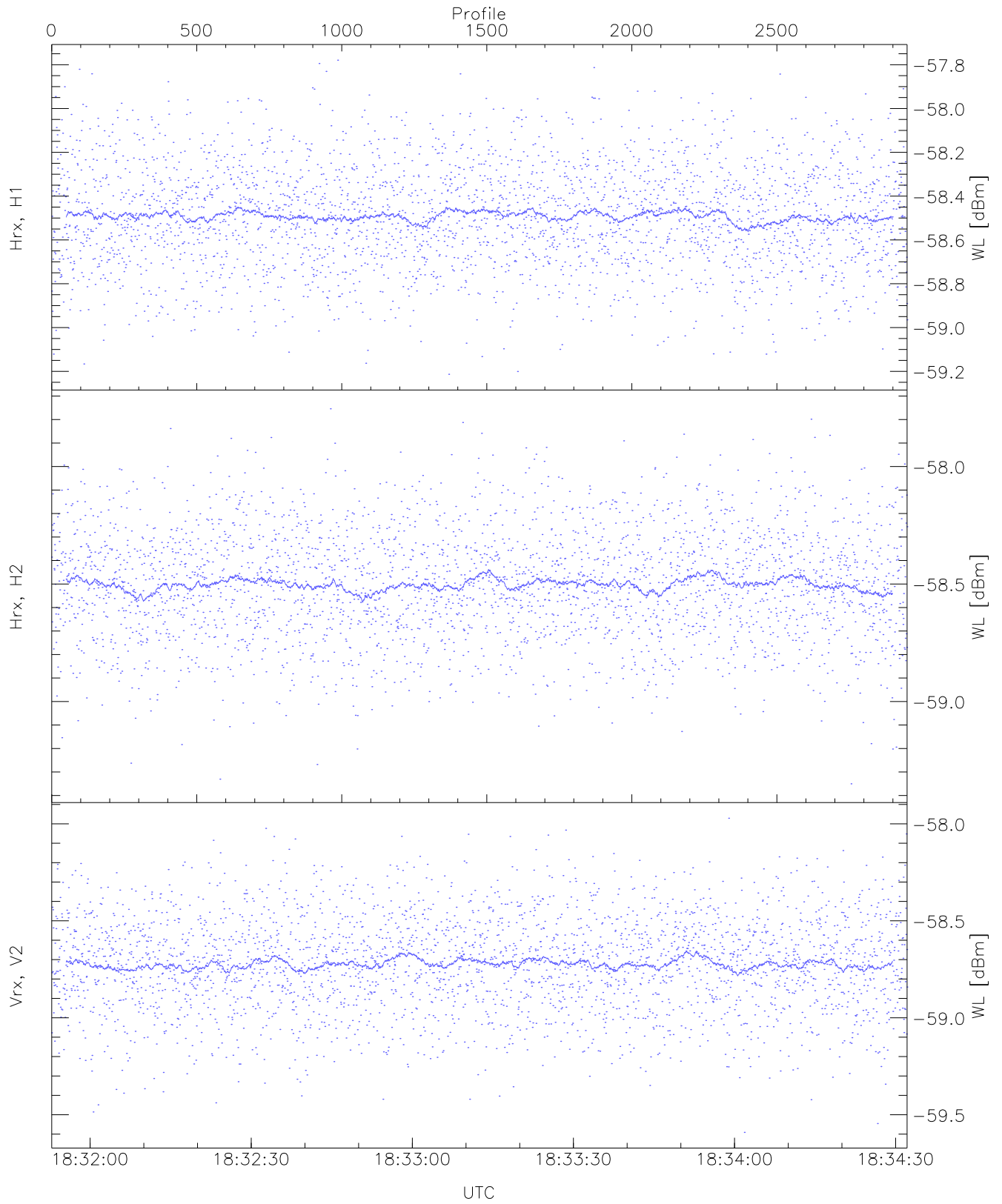
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,20,27,25,29  
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,21,28,26,30  
 LOalarm(20,80,240,2.8,14.8 MHz): None  
 EIK Faults(# prof affected):  
 DeckT,CollT,BodyCurr,DeckF,OverDuty (4,4,4,4,4)  
 WARNING: <VrxHLn>-<VrxWLn> < 0.05dB for 1 pwr prods.



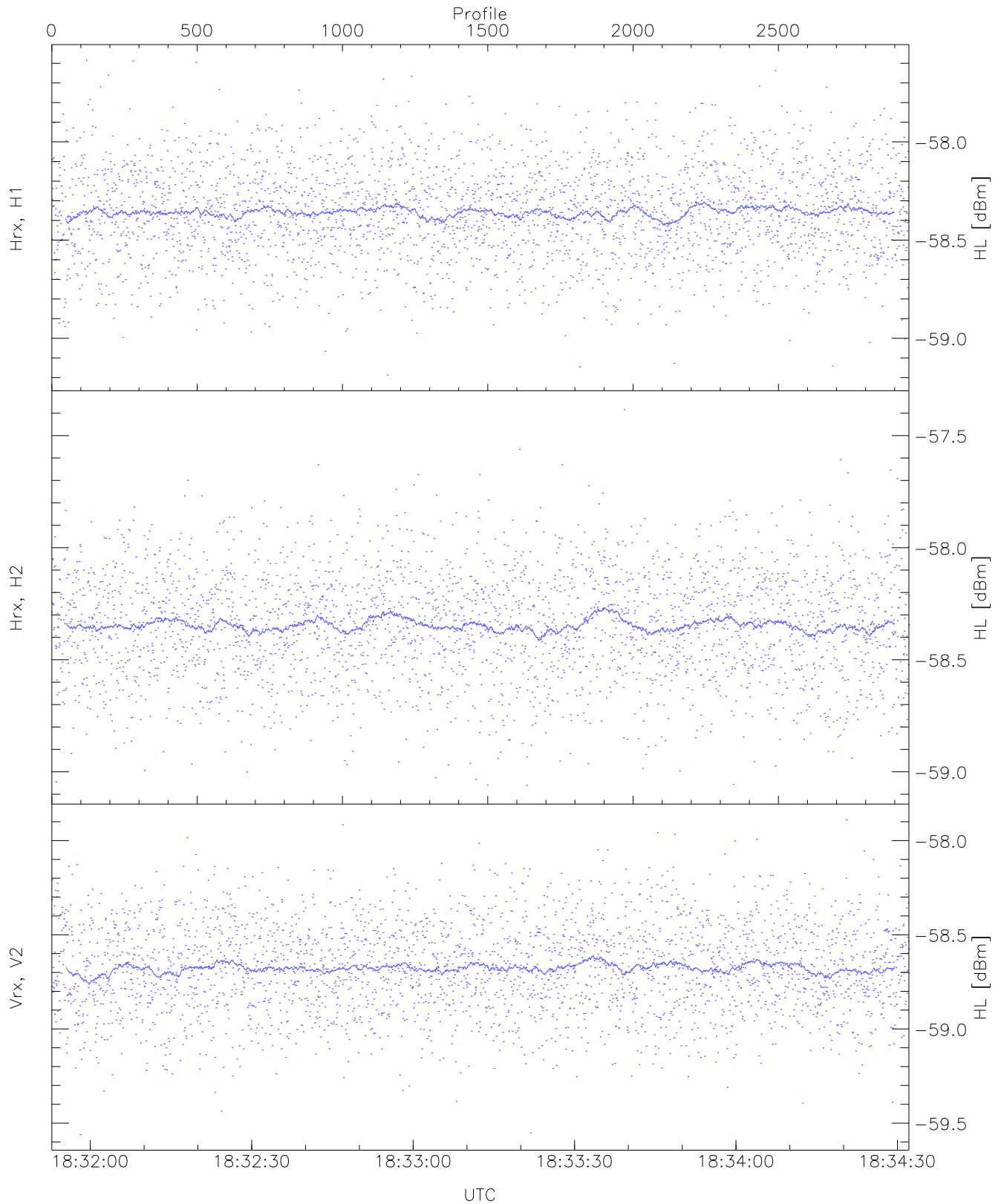
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prods



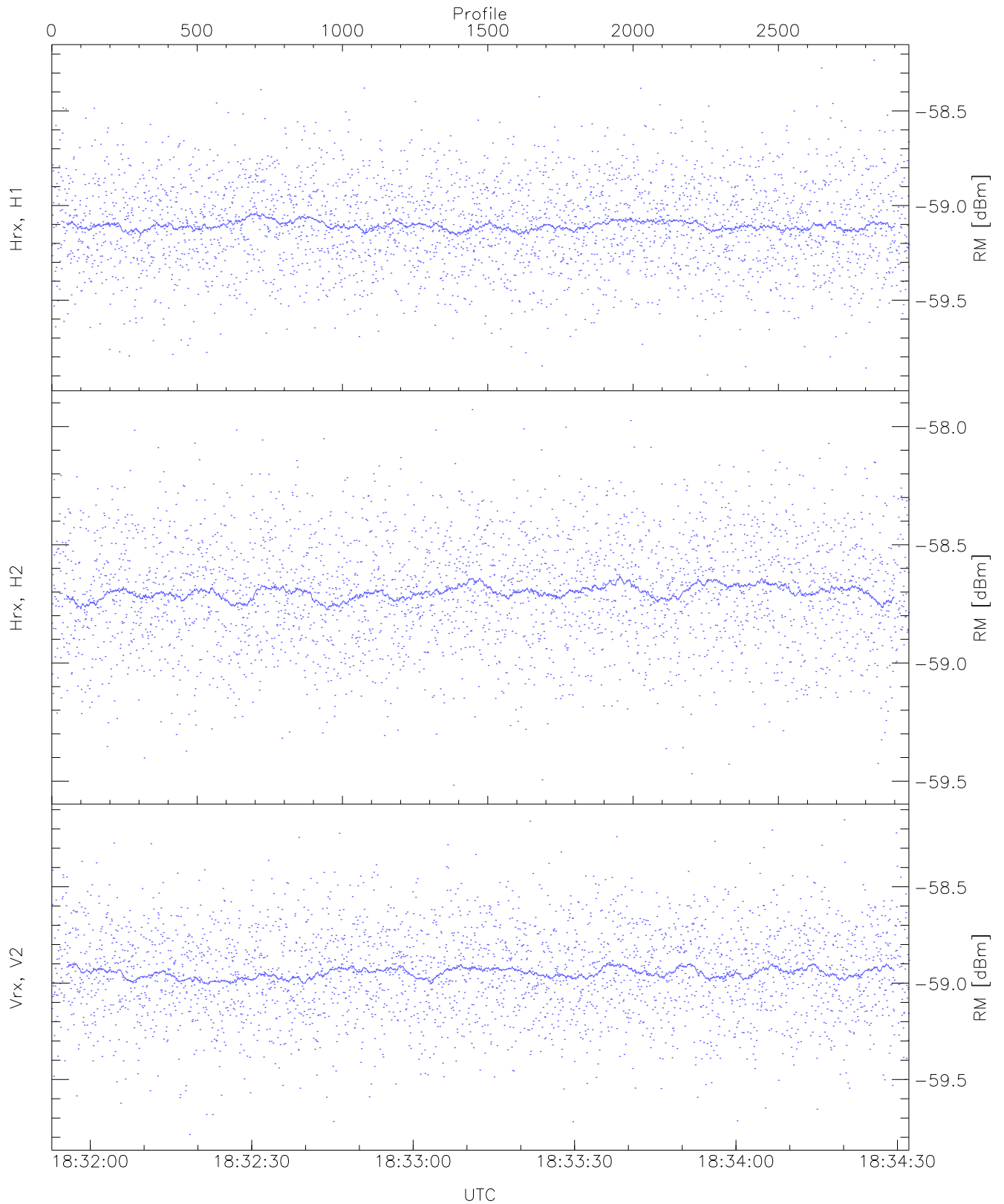
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-59.21	-57.78	-58.49	-58.50	-71.28
Hrx, H2 (WL [dBm])	-59.35	-57.75	-58.50	-58.50	-71.32
Vrx, V2 (WL [dBm])	-59.59	-57.97	-58.72	-58.72	-71.34



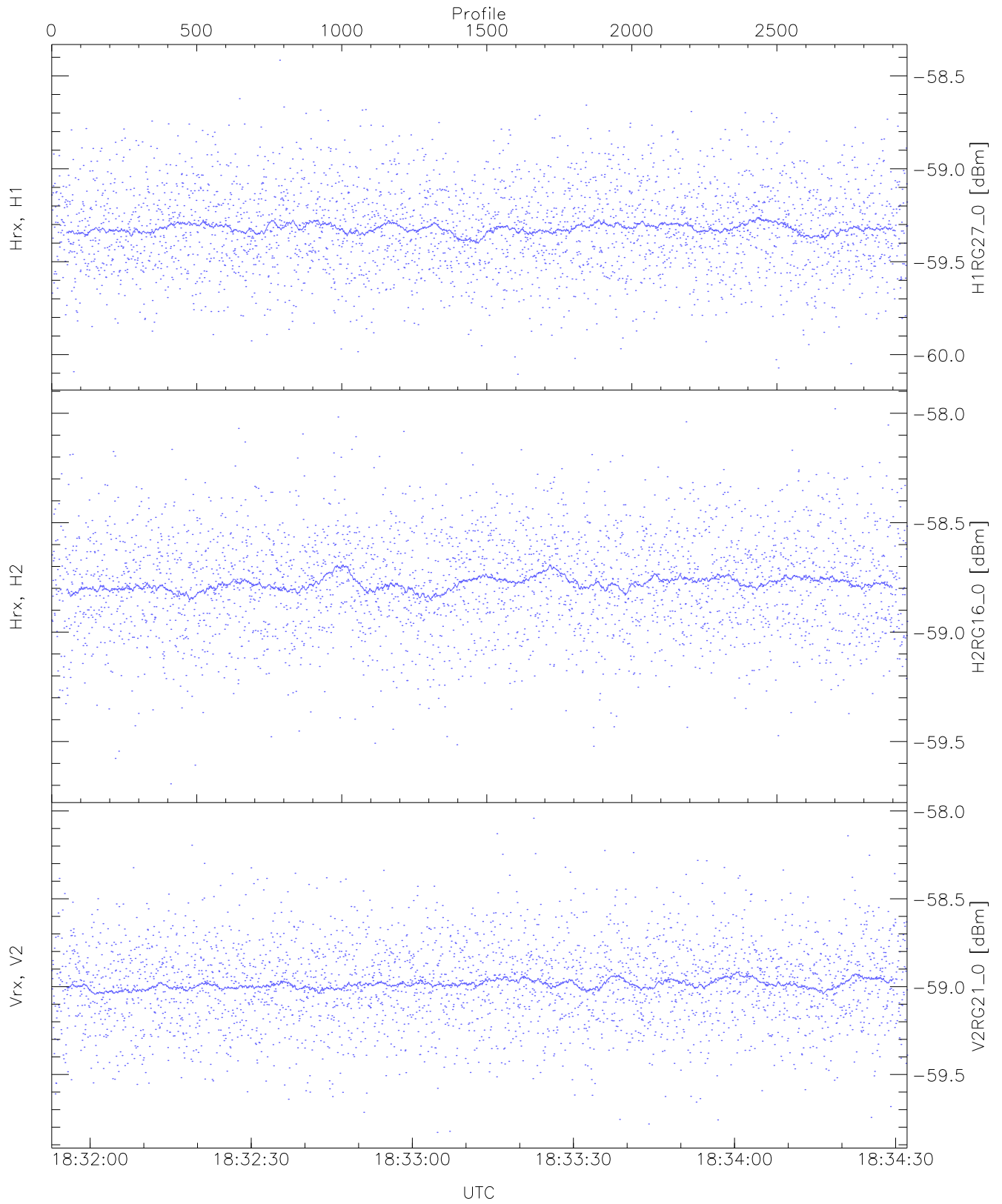
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-59.19	-57.58	-58.35	-58.36	-71.14
Hrx, H2 (HL [dBm])	-59.06	-57.38	-58.34	-58.34	-71.04
Vrx, V2 (HL [dBm])	-59.56	-57.89	-58.67	-58.68	-71.39



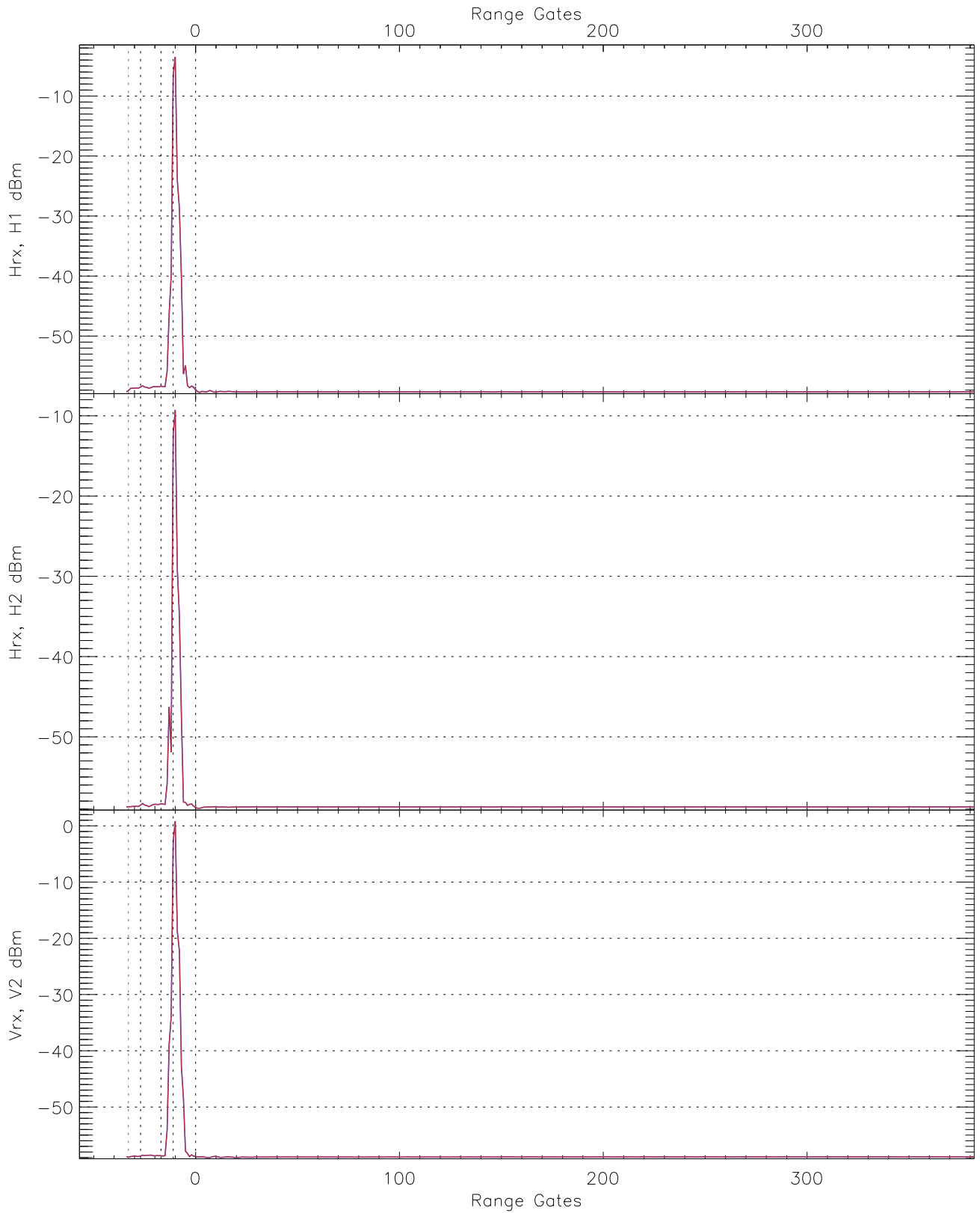
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-59.90	-58.23	-59.10	-59.11	-71.78
Hrx, H2 (RM [dBm])	-59.52	-57.93	-58.70	-58.70	-71.42
Vrx, V2 (RM [dBm])	-59.79	-58.15	-58.94	-58.95	-71.63



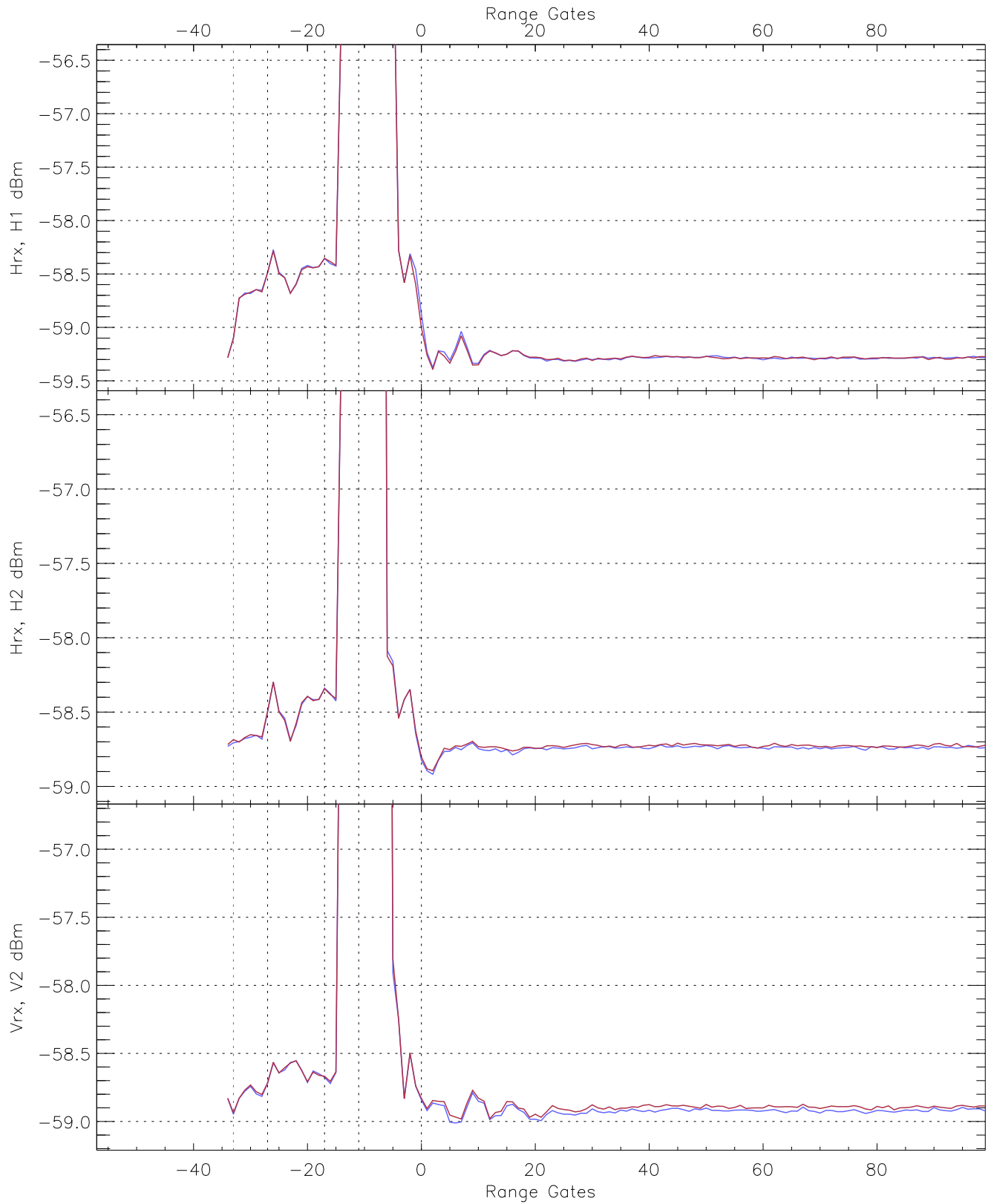
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG27_0 [dBm]	-60.11	-58.42	-59.32	-59.32	-72.03
H2RG16_0 [dBm]	-59.69	-57.98	-58.77	-58.78	-71.53
V2RG21_0 [dBm]	-59.83	-58.04	-58.98	-58.98	-71.55

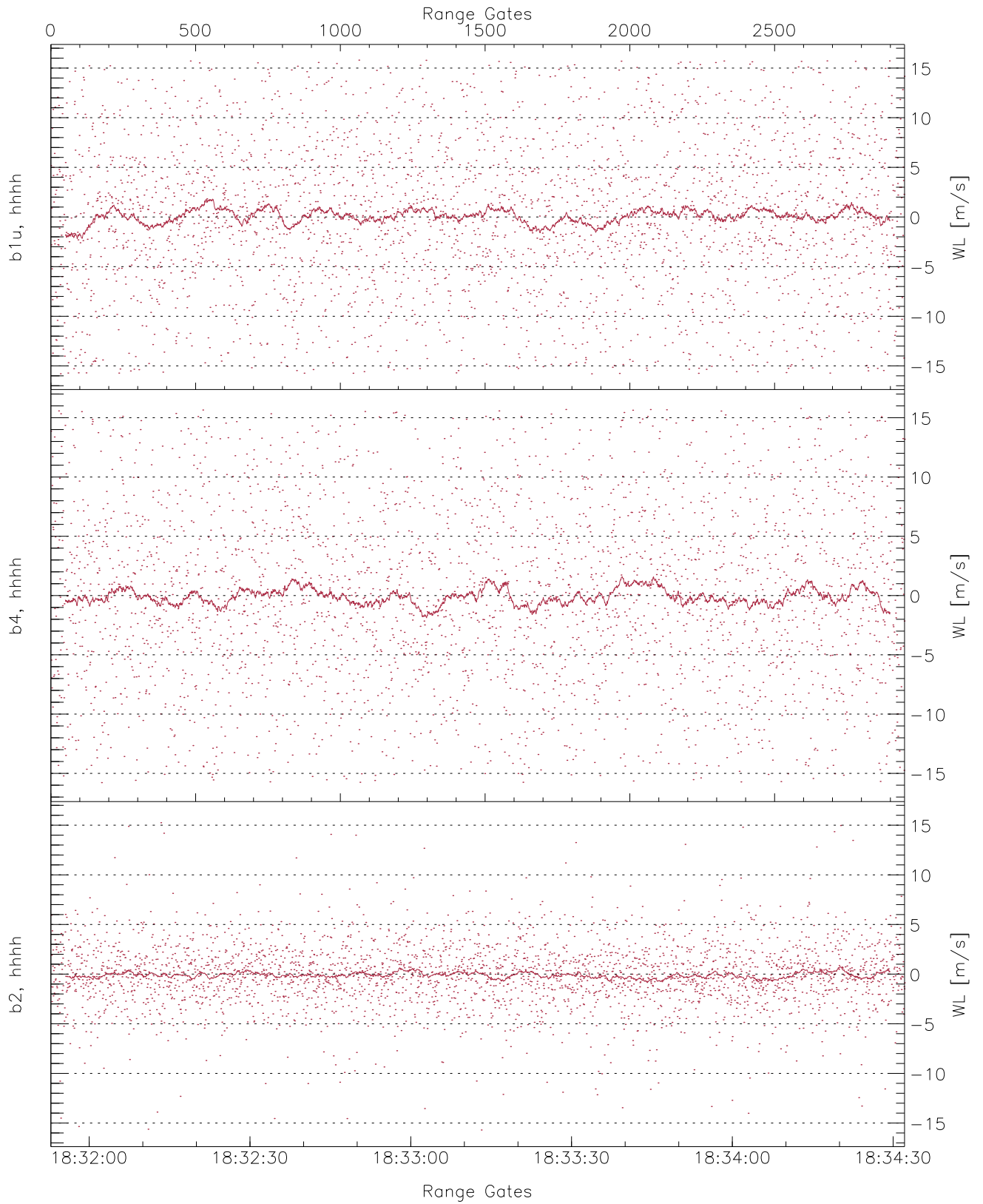


WCR2 CPP Averaged Received power for all recorded gates  
blue: 183153-183312, 1476 profiles averaged  
red: 183312-183432, 1475 profiles averaged

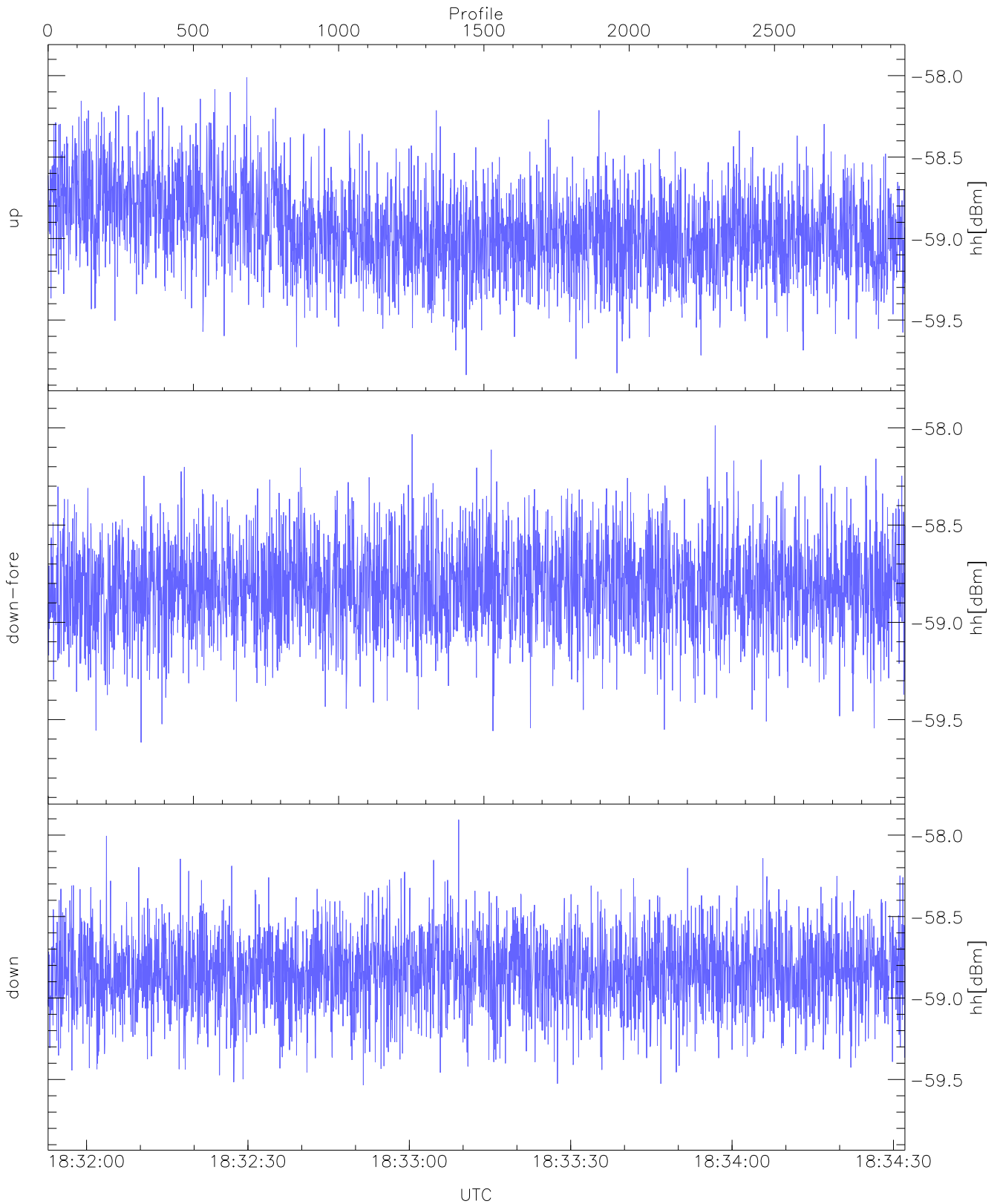




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 183153-183312, 1476 profiles averaged  
red: 183312-183432, 1475 profiles averaged

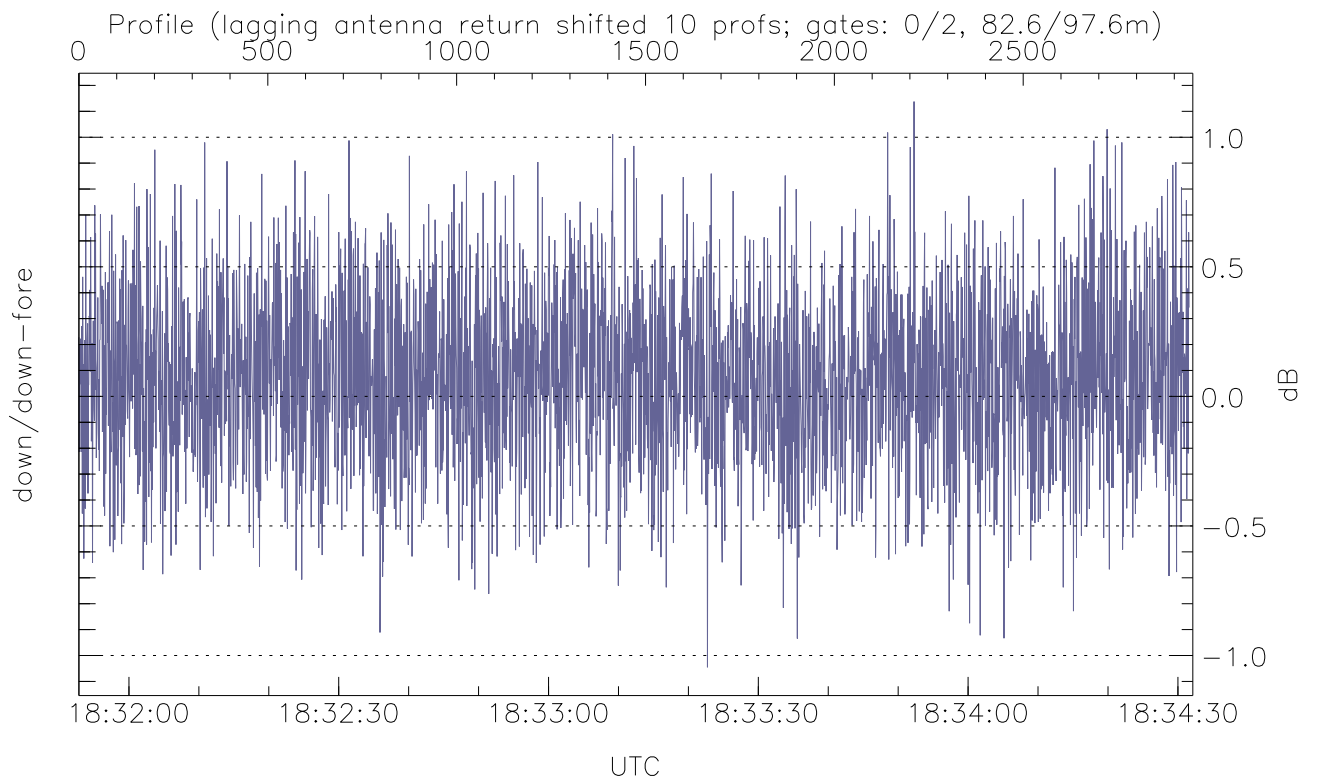
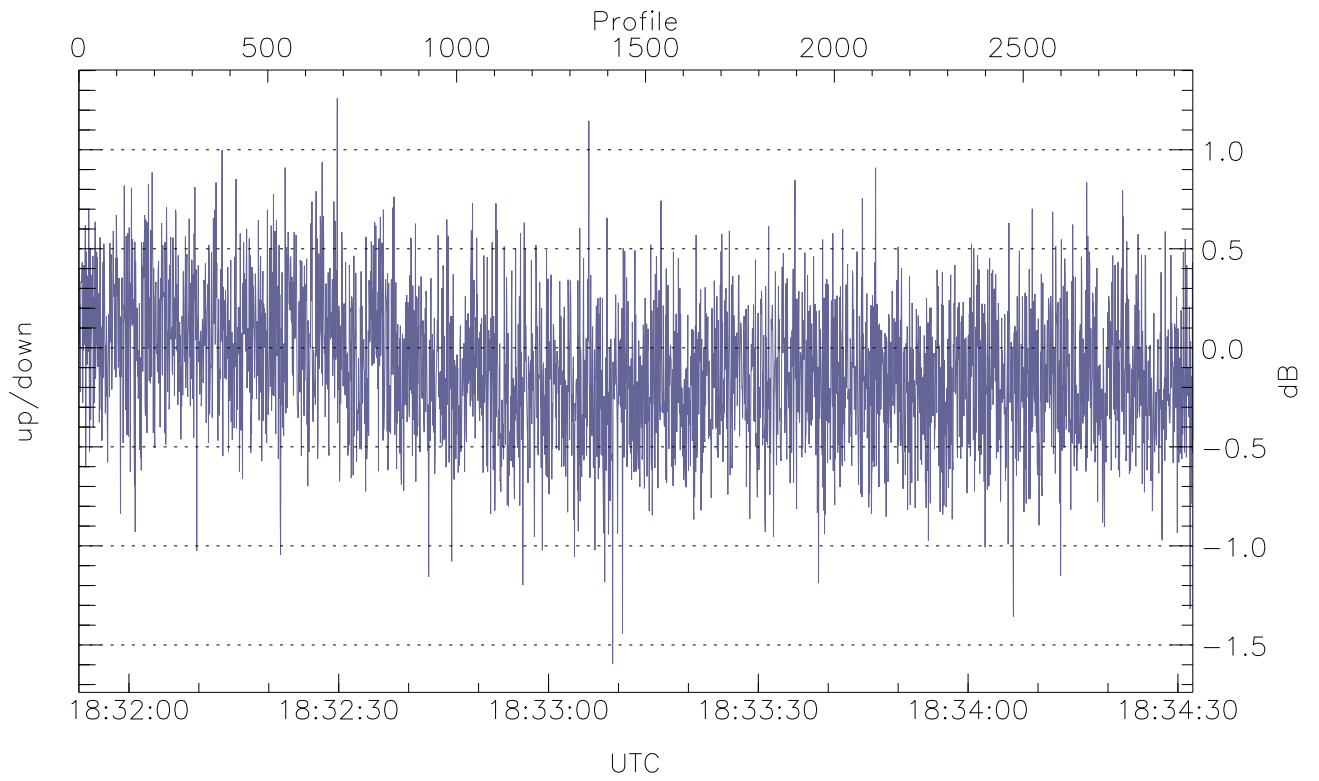


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



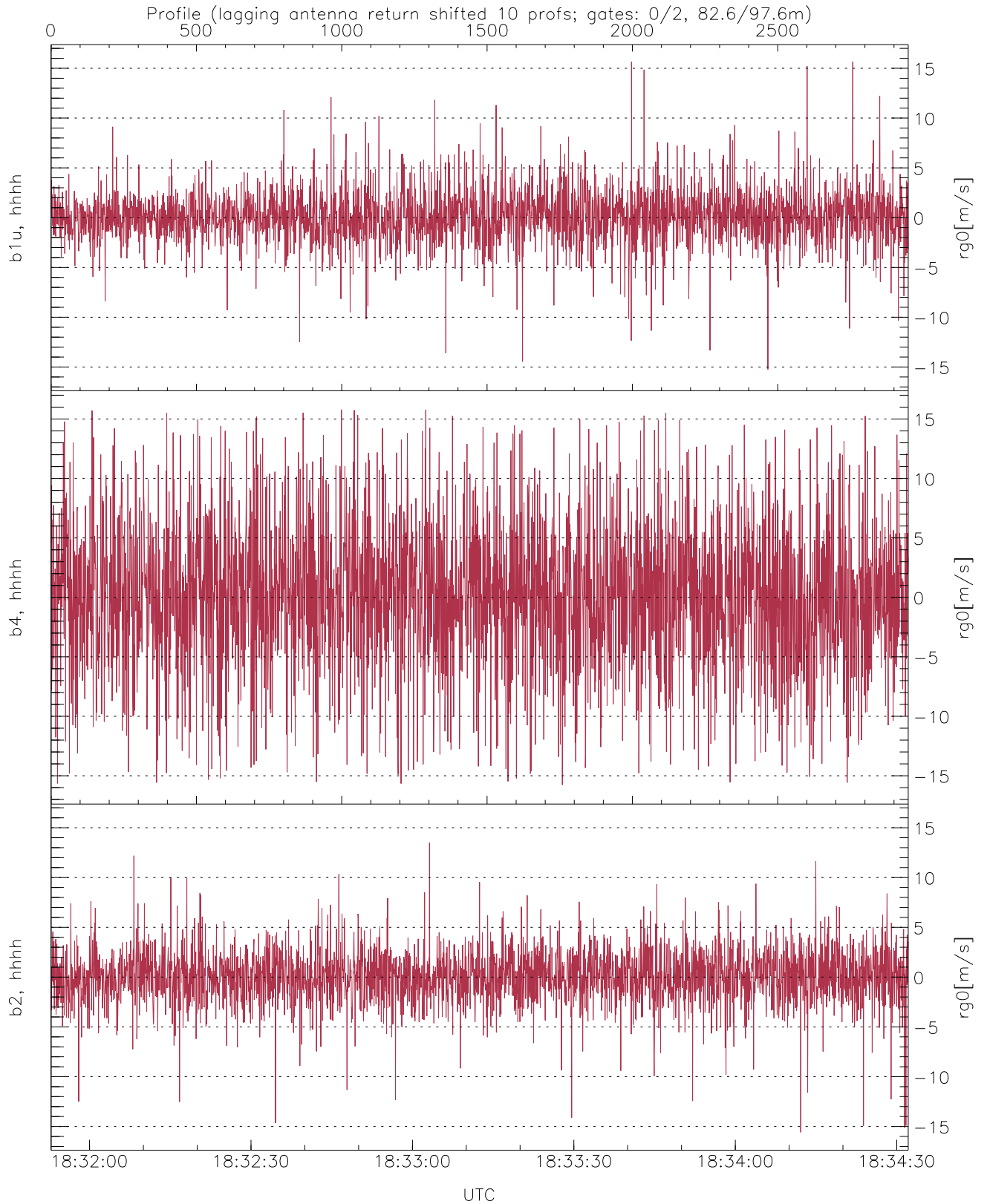
WCR2 CPP Received Power Products for Range gate 0 (82.6 m)

	Min	Max	Mean
up(hh[dBm])	-59.84	-58.01	-58.94
down-fore(hh[dBm])	-59.62	-57.99	-58.81
down(hh[dBm])	-59.53	-57.91	-58.84



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 0 (82 m)

	Min	Max	Mean
up/down (dB)	-1.60	1.26	-0.10
down/down-fore (dB)	-1.05	1.14	0.07



WCR2 CPP Doppler Velocity Products at 82.6 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-15.24	15.66	0.12	2.68
b4, hhhh(rg0[m/s])	-15.77	15.79	0.11	5.89
b2, hhhh(rg0[m/s])	-15.59	13.48	0.02	2.69