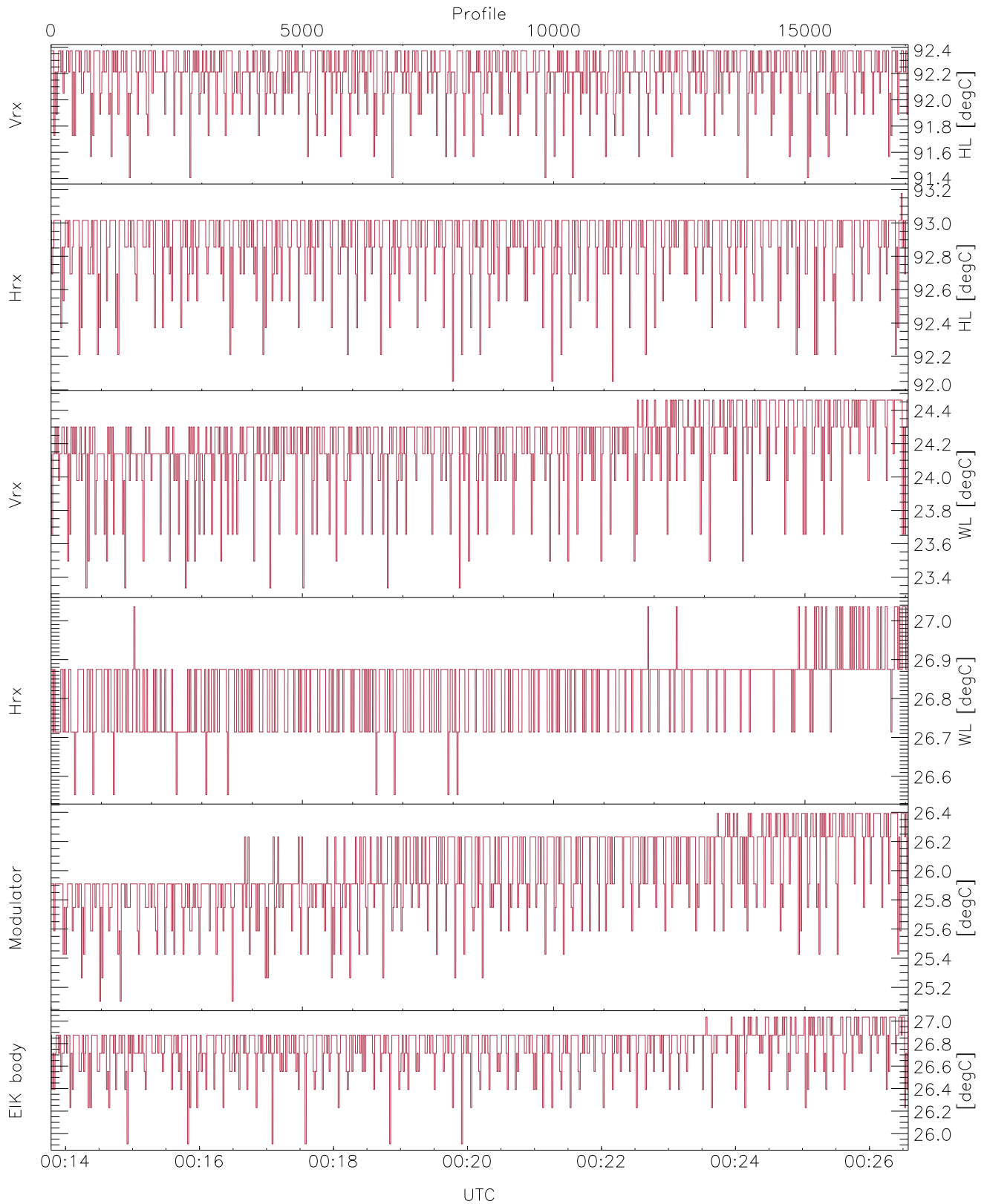


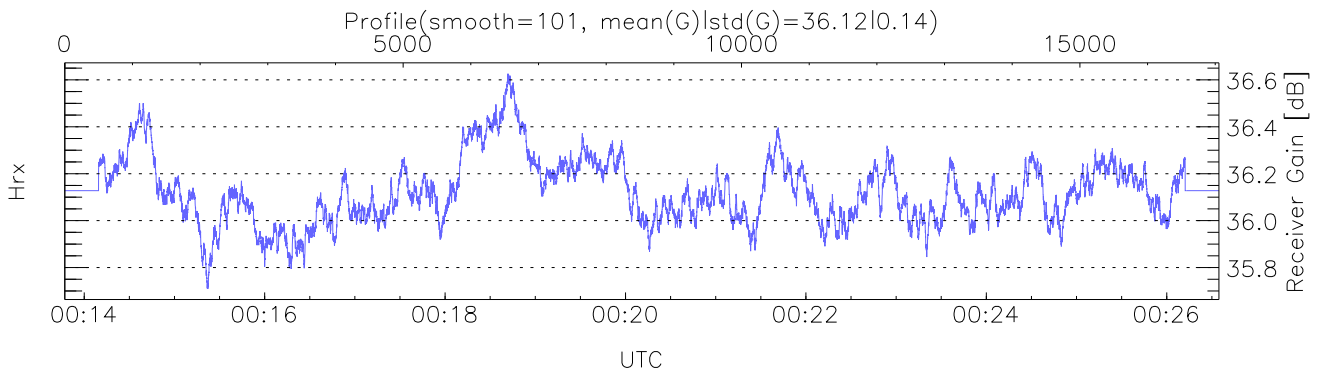
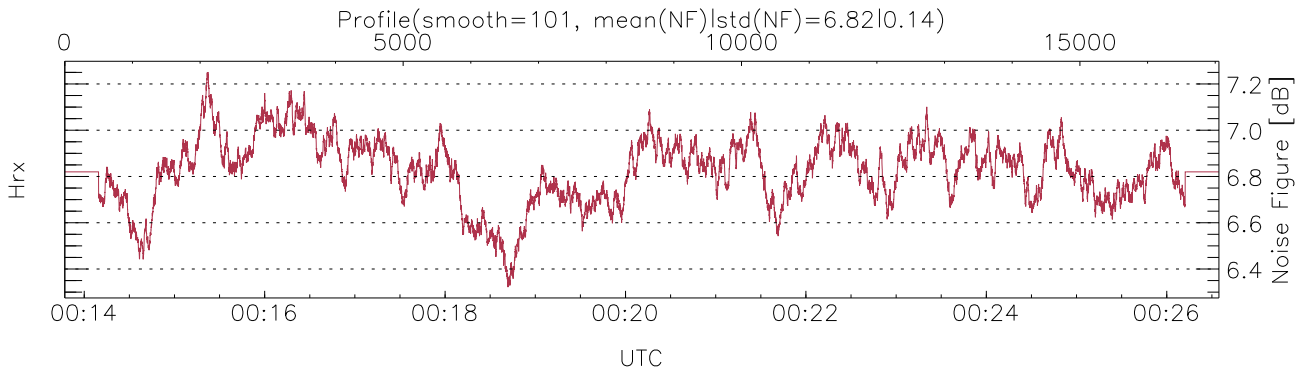
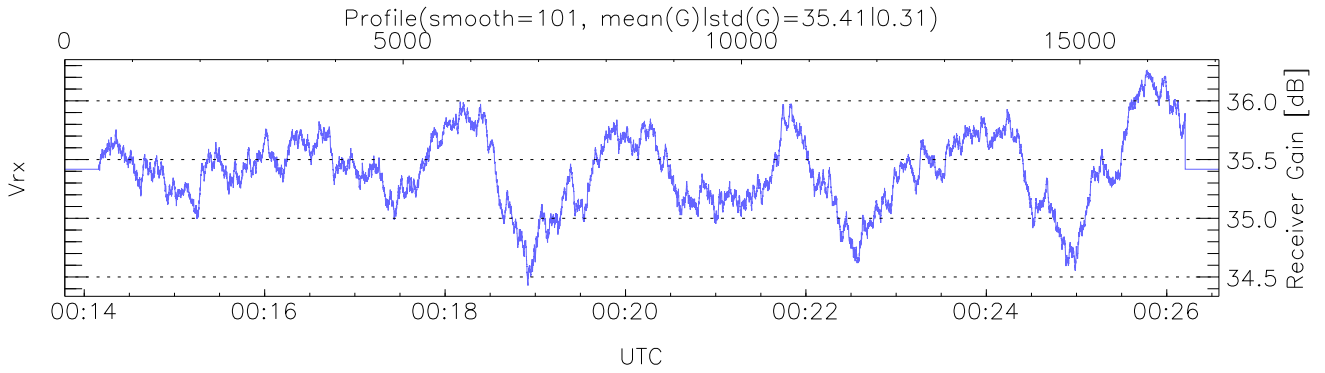
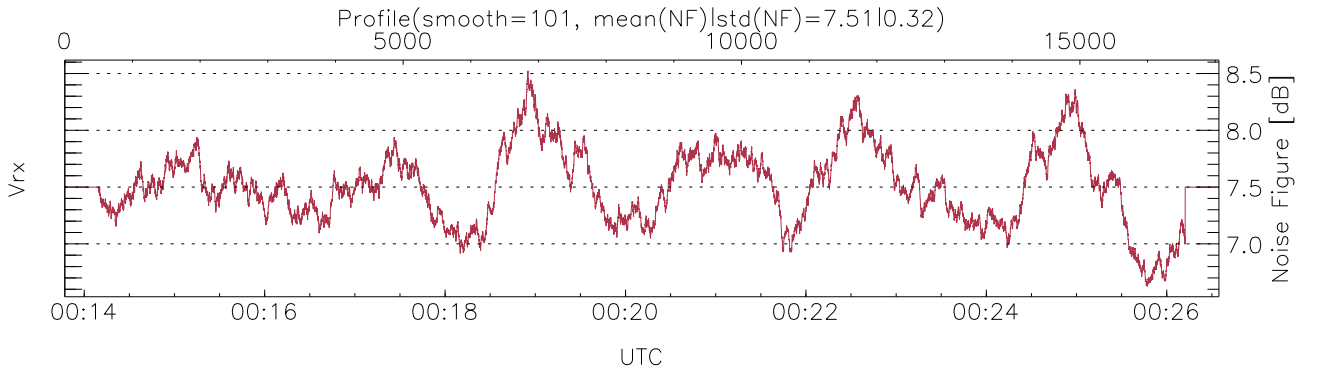
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 00:13:47-00:26:35, TimeCor: 0.00s, Dur: 767.67s  
 TimeFlg: 1, TFPstatus constant.  
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2  
 NumRec(r/t): 17056/17056, 0-17055/00:13:47-00:26:35  
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100  
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H1 V2 V2 V2 H2 H2 H2  
 PRF: 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us  
 Range(min,max,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



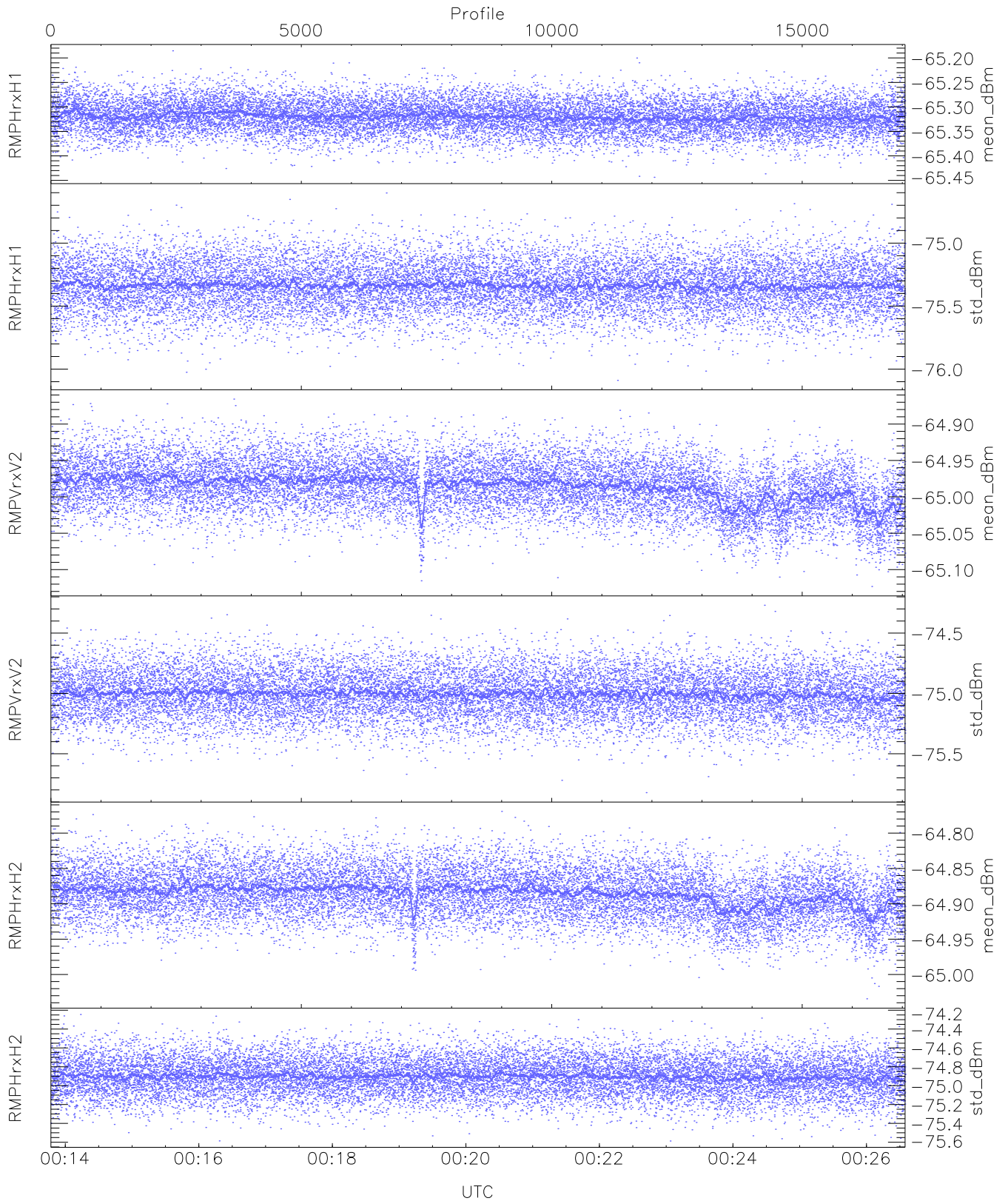
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,26,25,25  
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,27,26,27  
 LOalarm(20,240,2817,14861 MHz): 0,0,46,0  
 EIK Faults(# prof affected):  
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (23,23,23,23,23,23)



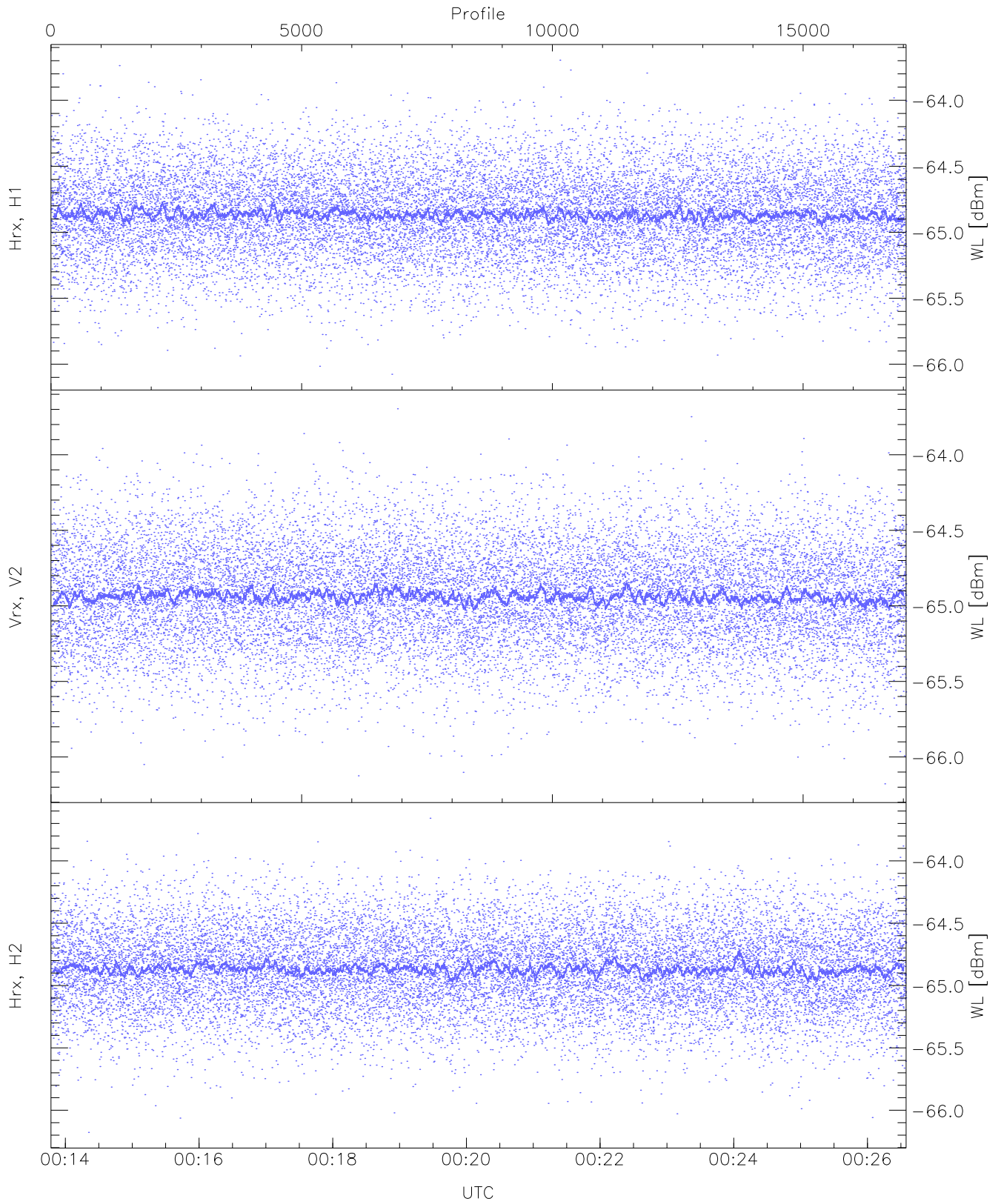
### WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prod(s)



WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

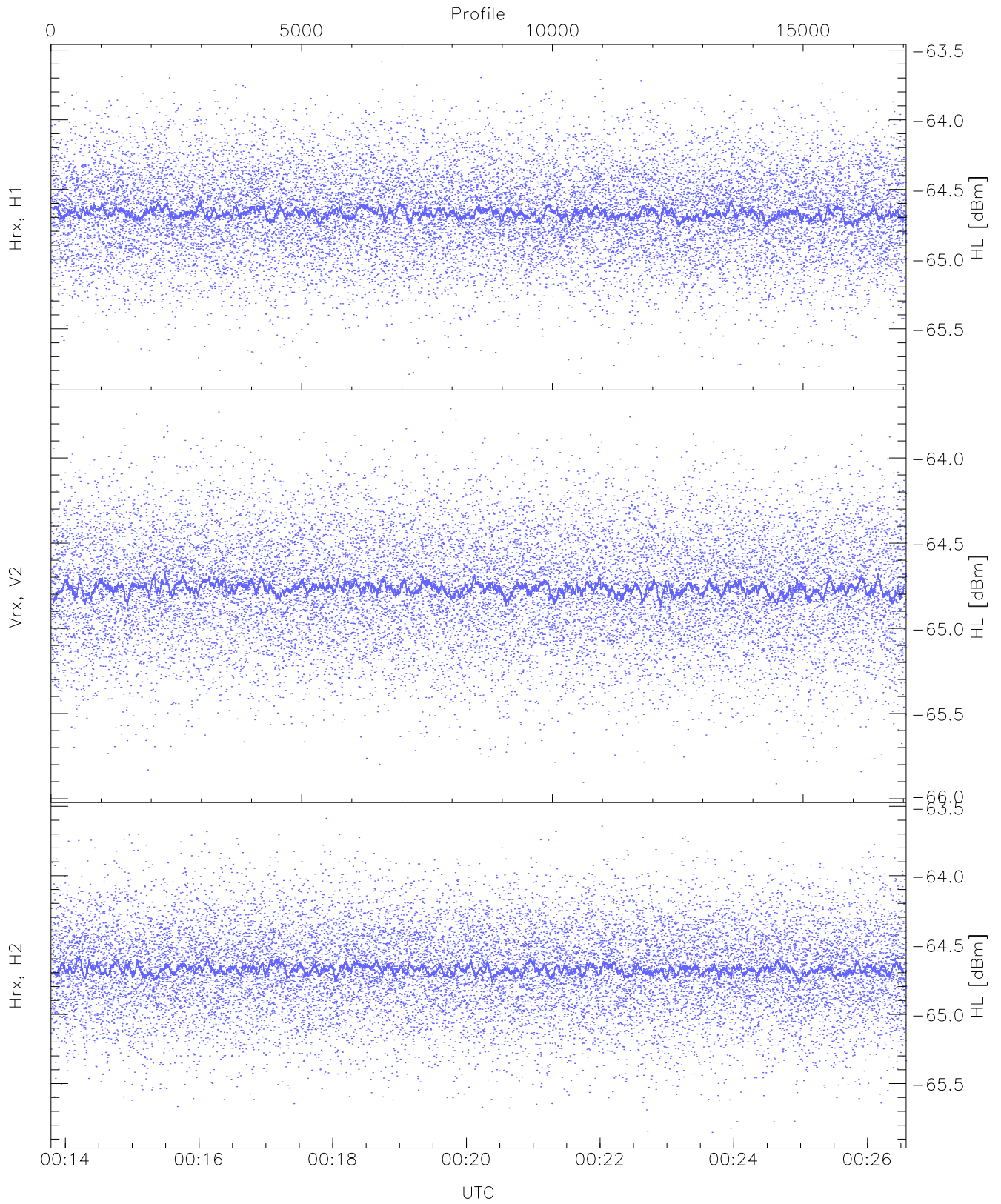
	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.44	-65.19	-65.32	-65.32	-86.88
RMPHrxH1(std_dBm)	-76.09	-74.60	-75.34	-75.34	-89.14
RMPVrxV2(mean_dBm)	-65.12	-64.87	-64.99	-64.99	-86.09
RMPVrxV2(std_dBm)	-75.82	-74.27	-75.00	-75.01	-88.82
RMPHrxH2(mean_dBm)	-65.03	-64.77	-64.89	-64.89	-86.18
RMPHrxH2(std_dBm)	-75.59	-74.25	-74.90	-74.90	-88.68



WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

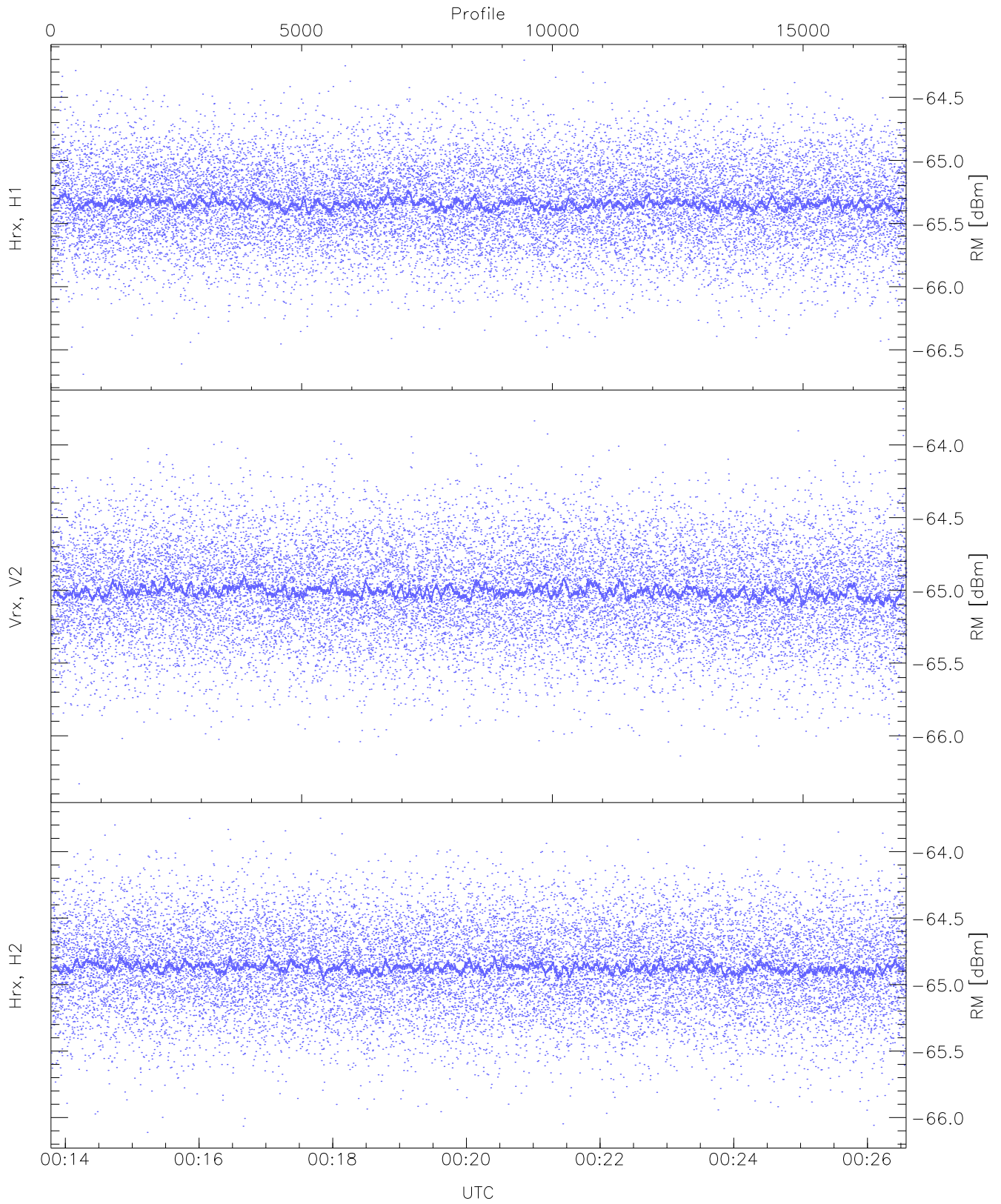
	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.08	-63.70	-64.86	-64.86	-76.41
Vrx, V2(WL [dBm])	-66.18	-63.70	-64.93	-64.94	-76.46
Hrx, H2(WL [dBm])	-66.18	-63.66	-64.86	-64.87	-76.38





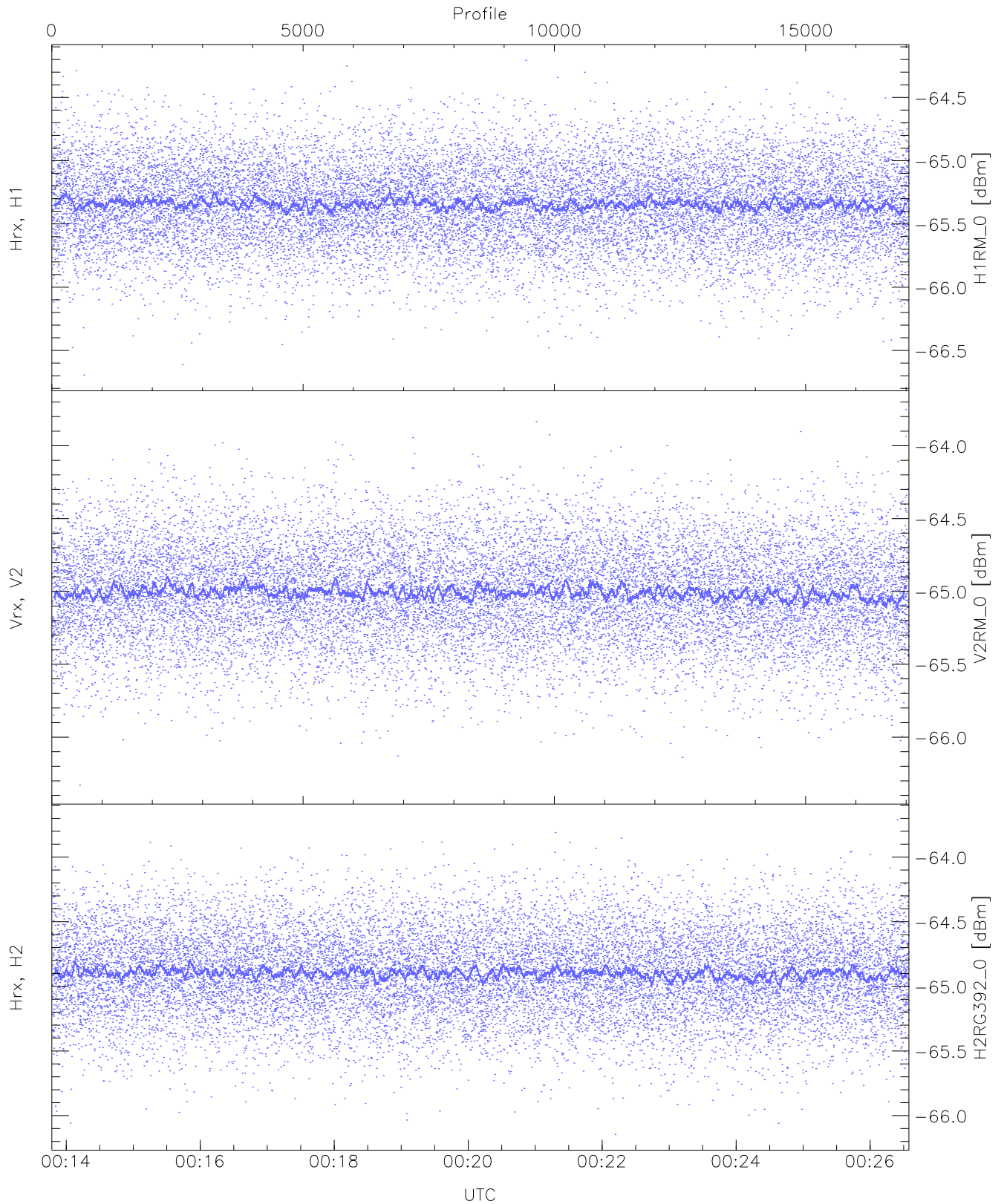
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.83	-63.57	-64.66	-64.67	-76.20
Vrx, V2 (HL [dBm])	-65.91	-63.71	-64.76	-64.77	-76.26
Hrx, H2 (HL [dBm])	-65.85	-63.59	-64.67	-64.67	-76.17



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

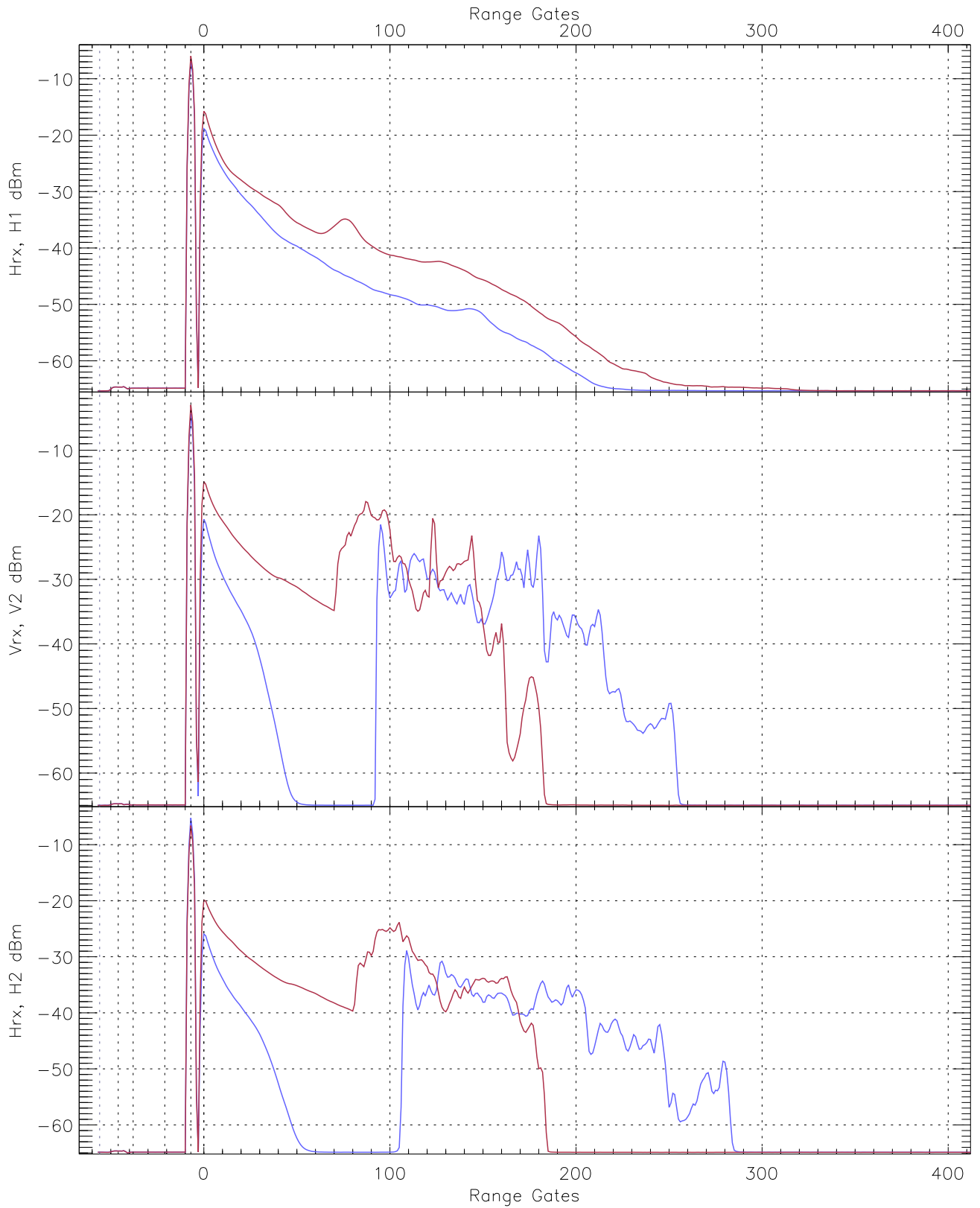
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.69	-64.21	-65.34	-65.34	-76.84
Vrx, V2 (RM [dBm])	-66.33	-63.75	-65.00	-65.01	-76.49
Hrx, H2 (RM [dBm])	-66.11	-63.75	-64.86	-64.87	-76.33



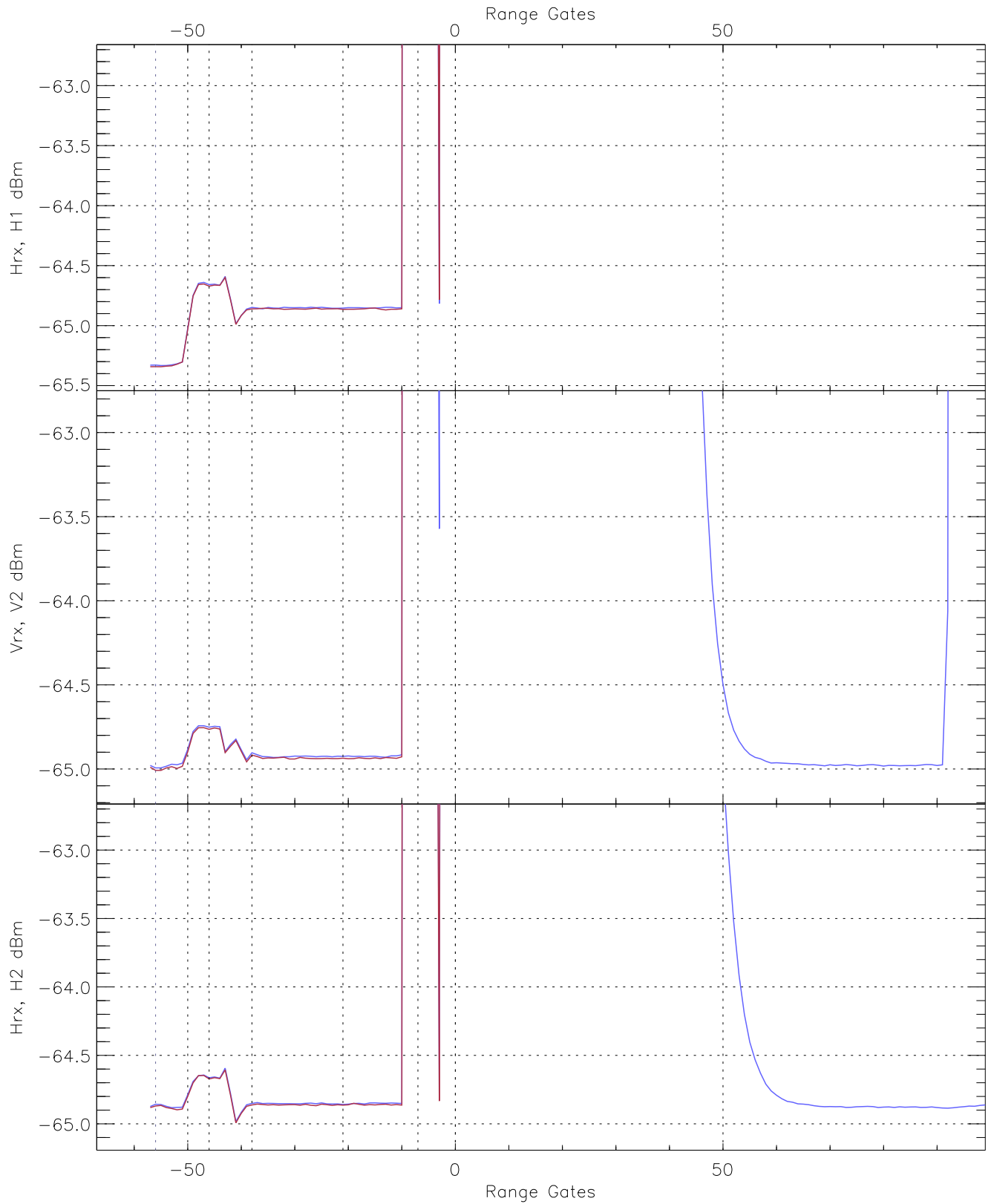
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.69	-64.21	-65.34	-65.34	-76.84
V2RM_0 [dBm]	-66.33	-63.75	-65.00	-65.01	-76.49
H2RG392_0 [dBm]	-66.15	-63.71	-64.89	-64.90	-76.36

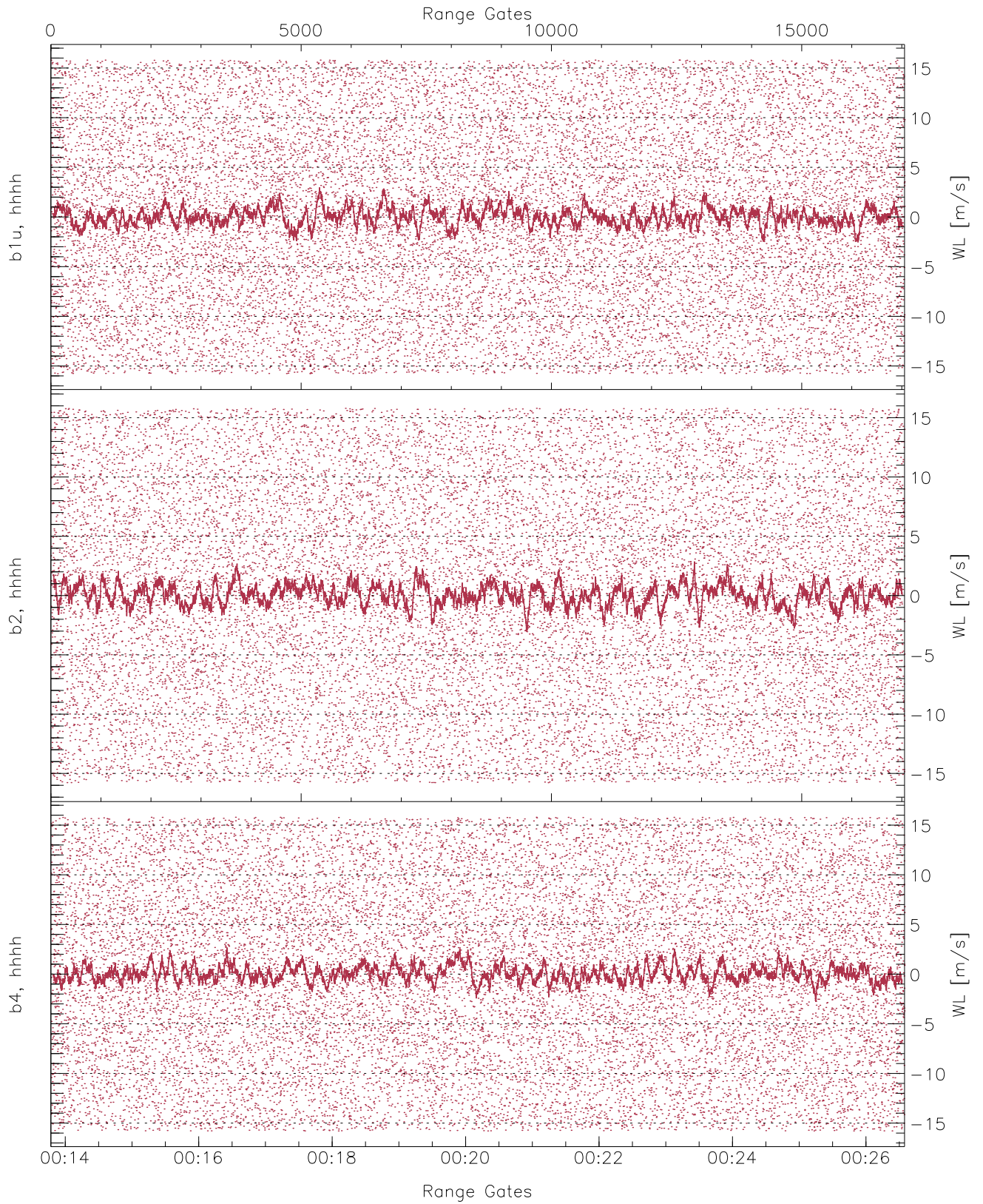




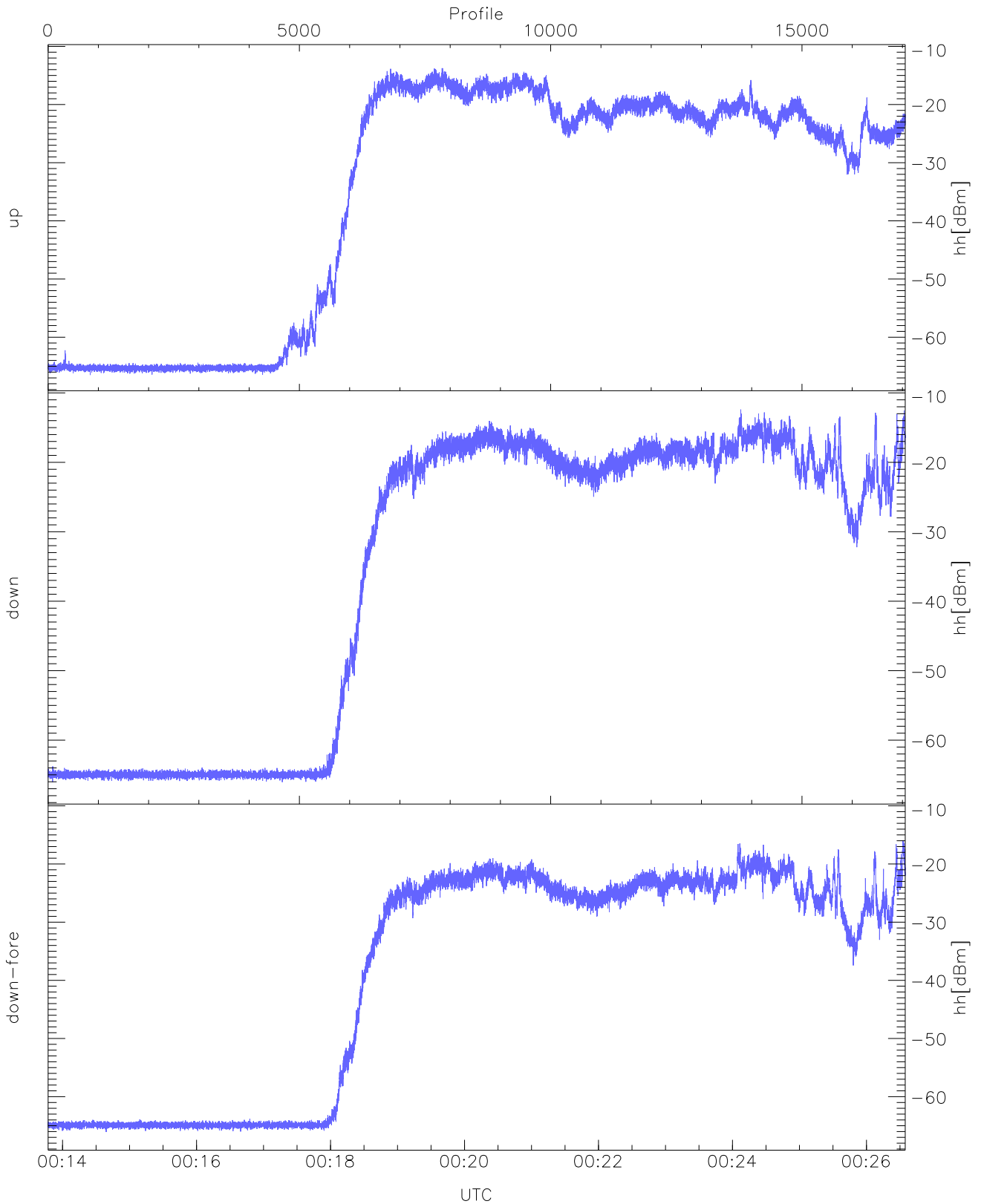
WCR3 CPP Averaged Received power for all recorded gates  
blue: 001347-002011, 8529 profiles averaged  
red: 002011-002635, 8528 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 001347-002011, 8529 profiles averaged  
red: 002011-002635, 8528 profiles averaged



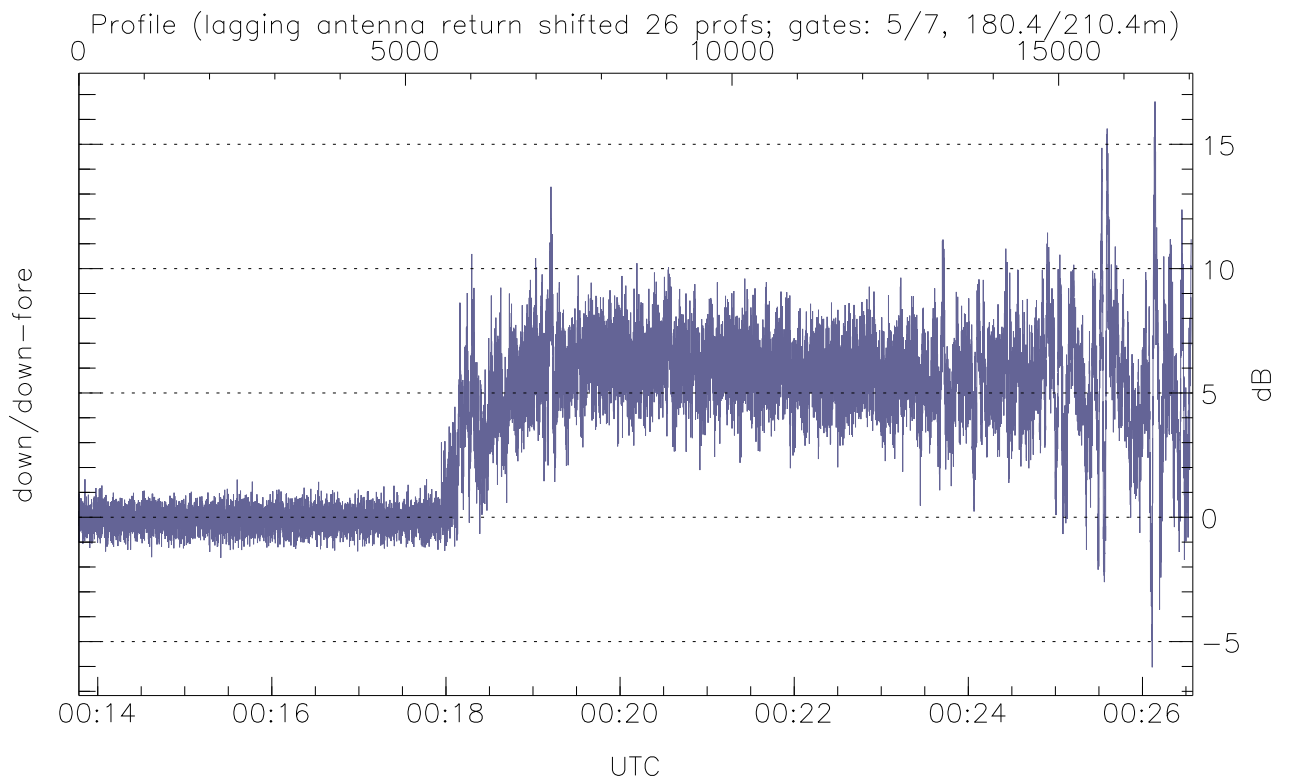
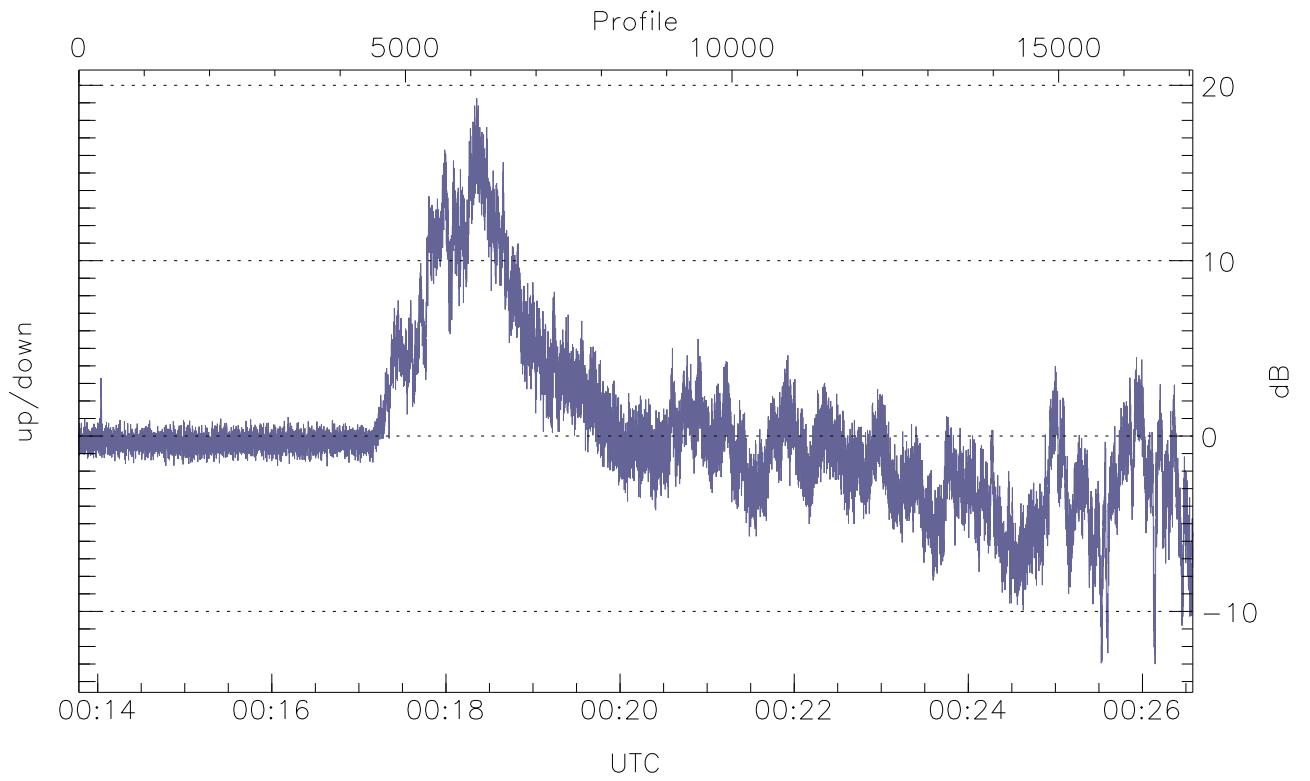
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

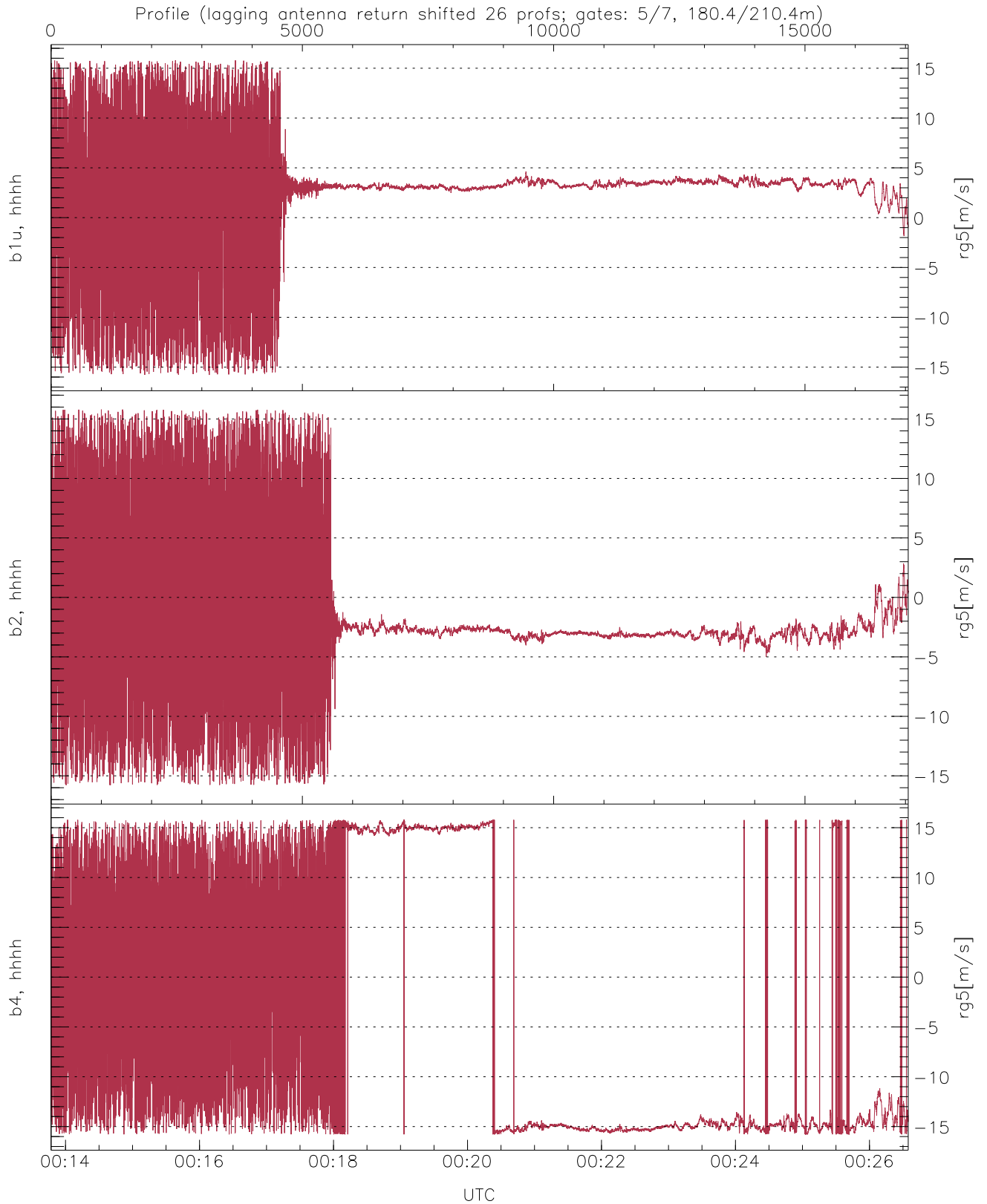
	Min	Max	Mean
up(hh[dBm])	-66.50	-13.75	-21.50
down(hh[dBm])	-66.04	-12.40	-20.71
down-fore(hh[dBm])	-66.08	-16.00	-25.29





WCR3 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down (dB)	-13.00	19.26	0.22
down/down-fore (dB)	-6.03	16.72	3.72



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	2.51	4.55
b2, hhhh(rg5[m/s])	-15.78	15.79	-1.87	5.16
b4, hhhh(rg5[m/s])	-15.79	15.79	-4.14	12.57