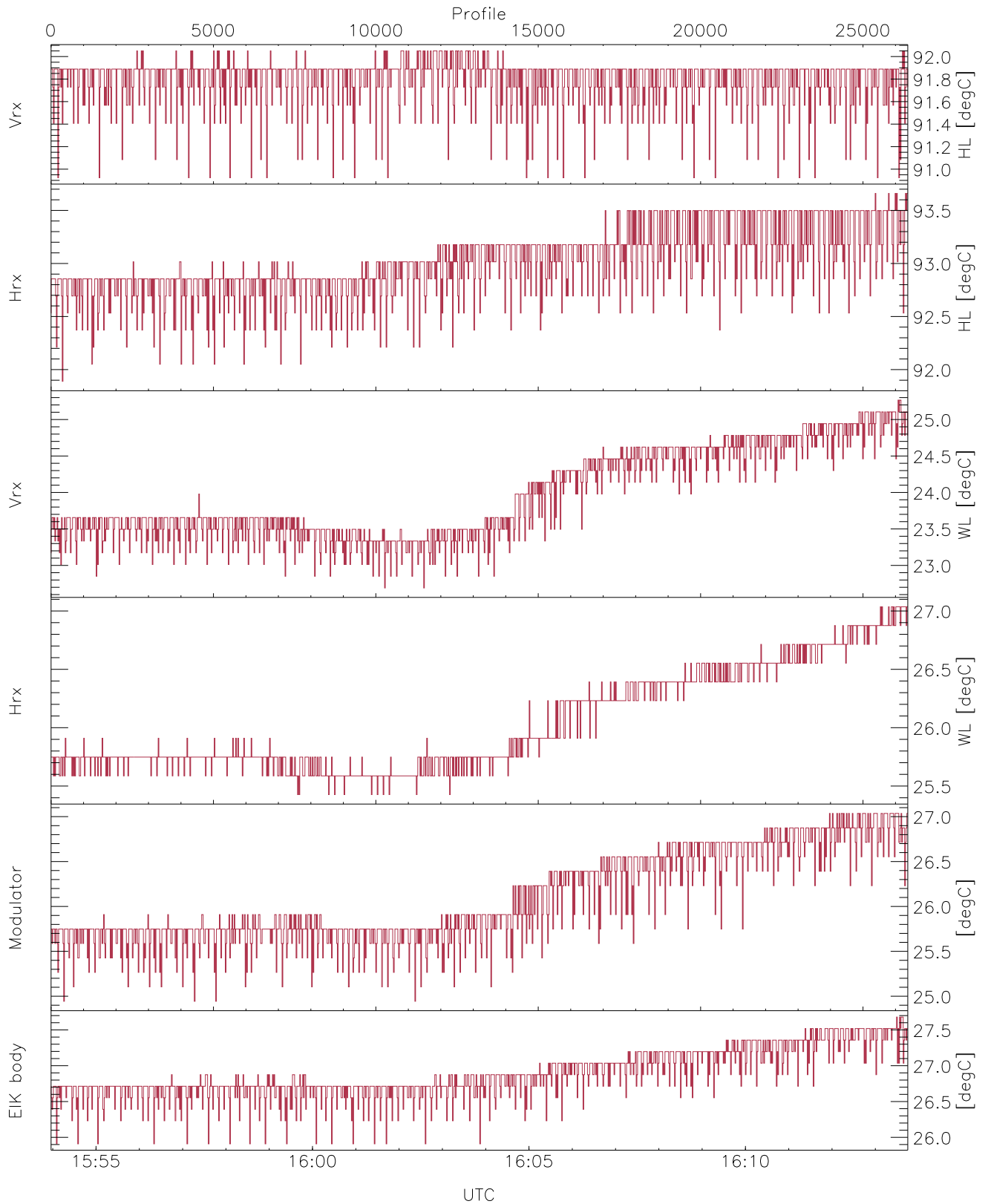


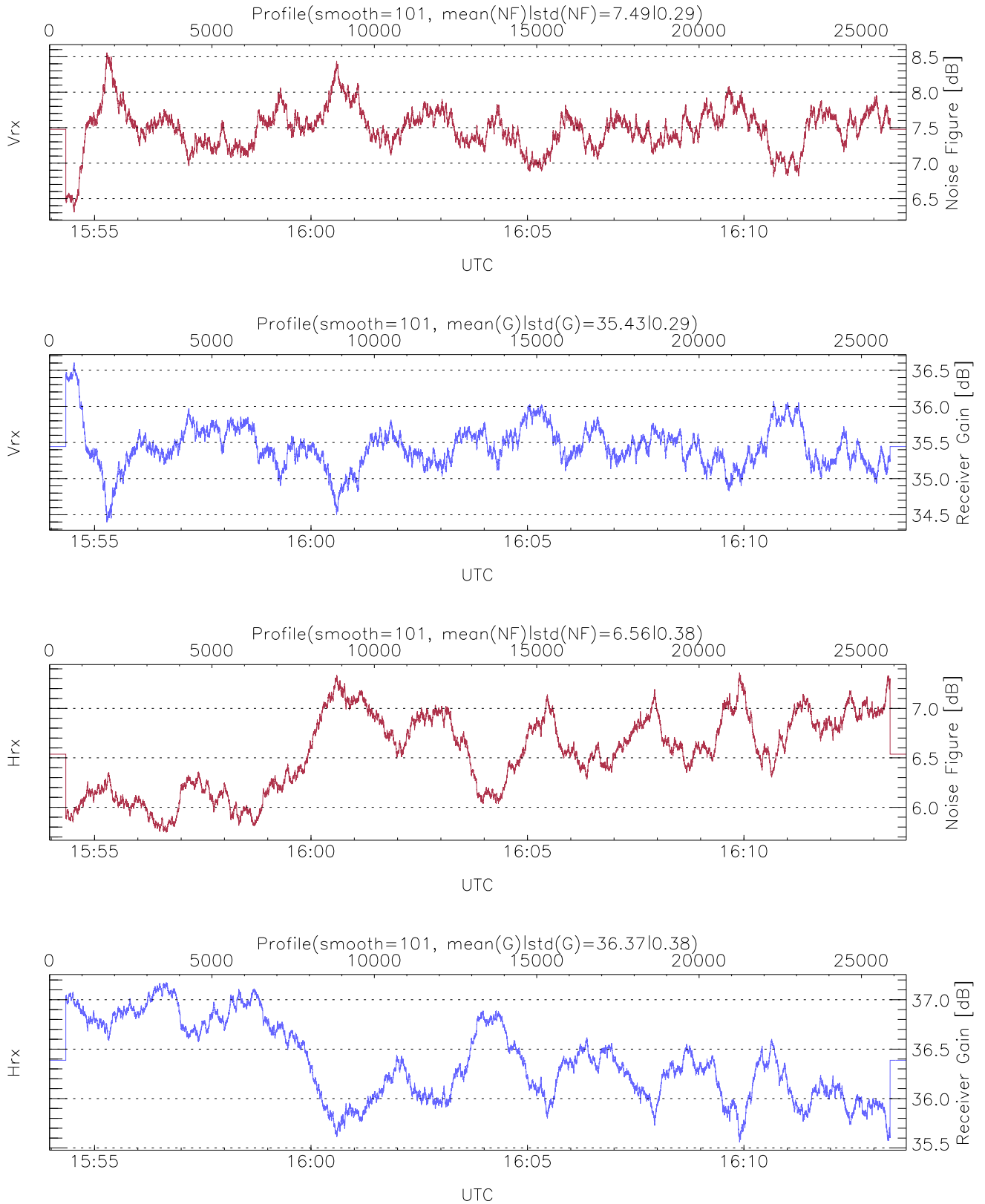
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:53:58-16:13:45, TimeCor: 0.00s, Dur: 1187.35s  
 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): 26380/26380, 0-26379/15:53:58-16:13:45  
 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



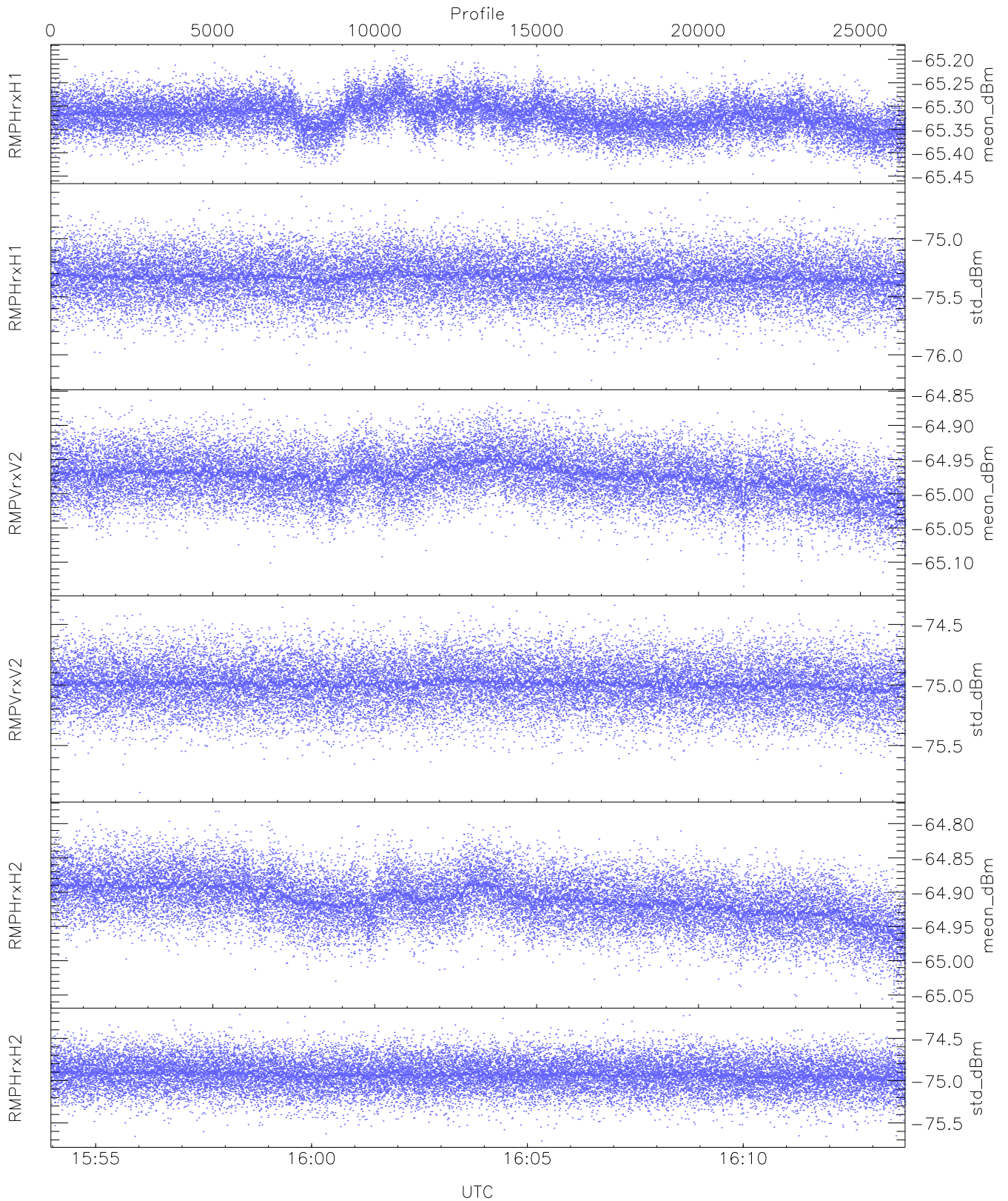
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,25,24,25  
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,27,27,27  
 LOalarm(20,240,2817,14861 MHz): 0,0,68,0  
 EIK Faults(# prof affected):  
     BodyCurr,DeckF,OverDuty (44,44,44)



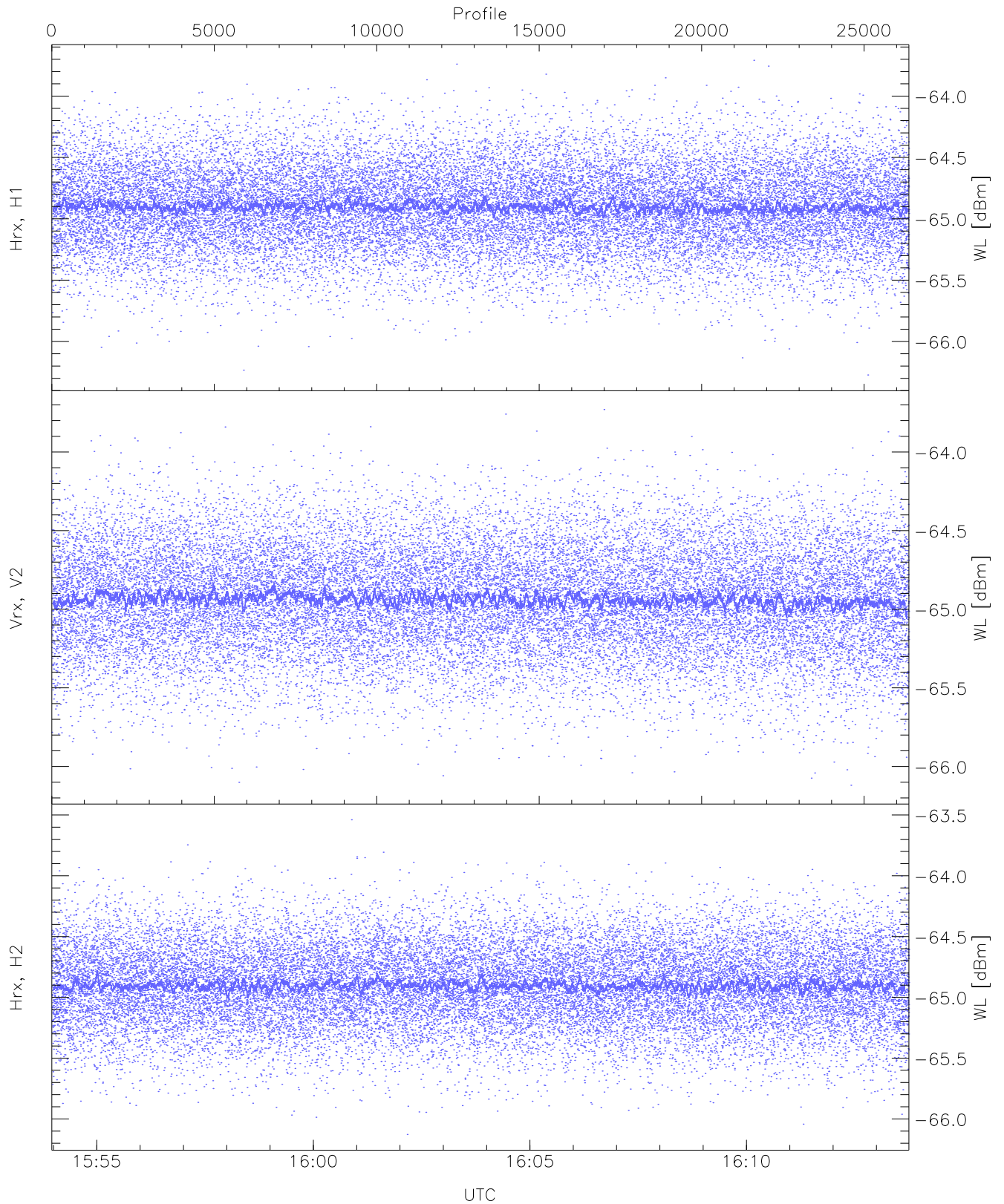
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 18 pixs, 2 gates, 18 profs, 1 prod(s)



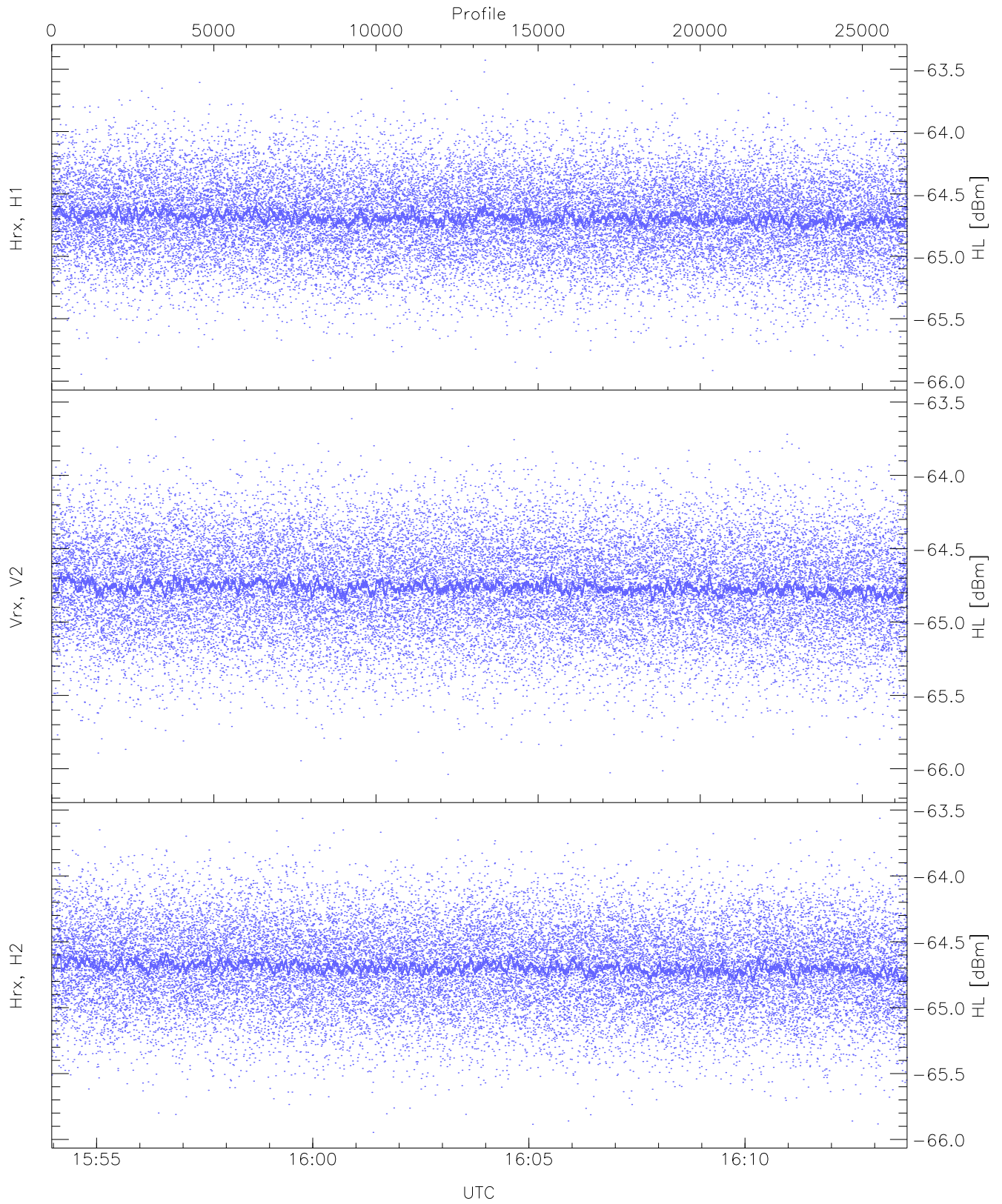
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.45	-65.18	-65.32	-65.32	-86.28
RMPHrxH1(std_dBm)	-76.22	-74.61	-75.33	-75.33	-89.14
RMPVrxV2(mean_dBm)	-65.14	-64.86	-64.98	-64.97	-86.13
RMPVrxV2(std_dBm)	-75.89	-74.34	-74.99	-74.99	-88.78
RMPHrxH2(mean_dBm)	-65.06	-64.78	-64.91	-64.91	-85.84
RMPHrxH2(std_dBm)	-75.71	-74.22	-74.93	-74.93	-88.68



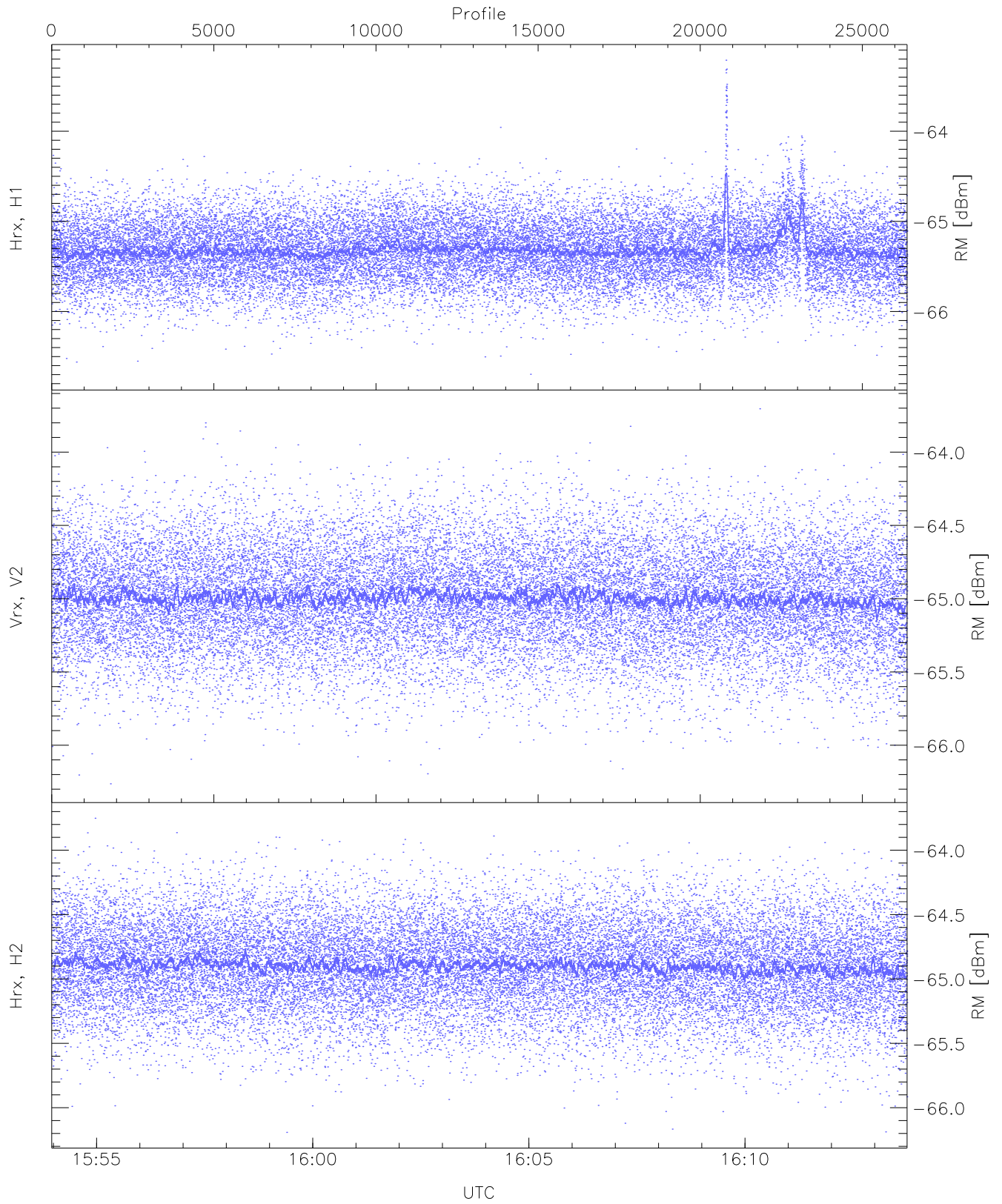
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.27	-63.71	-64.90	-64.90	-76.36
Vrx, V2 (WL [dBm])	-66.12	-63.73	-64.93	-64.94	-76.42
Hrx, H2 (WL [dBm])	-66.13	-63.54	-64.90	-64.91	-76.39



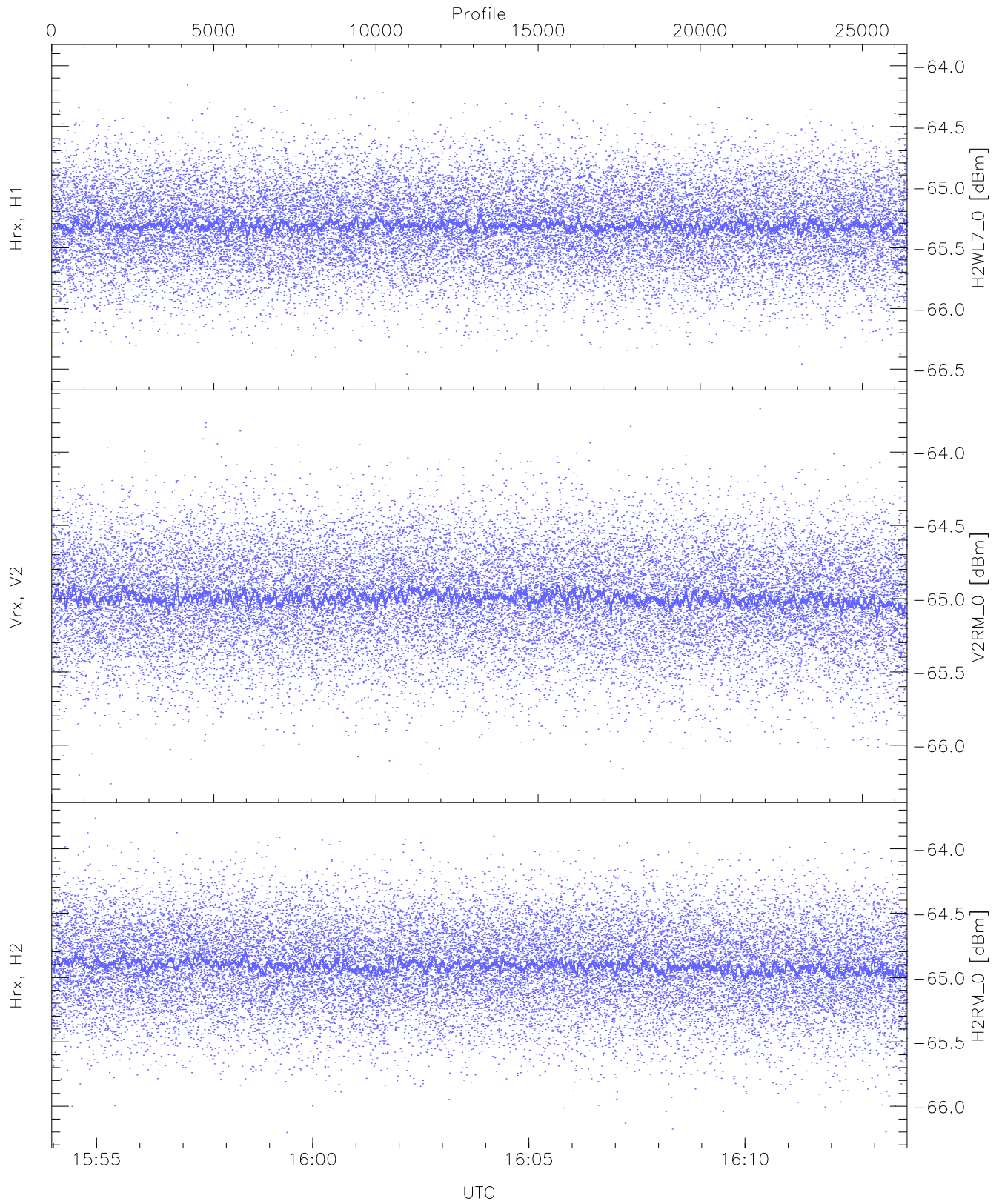
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.95	-63.43	-64.68	-64.69	-76.19
Vrx, V2 (HL [dBm])	-66.10	-63.55	-64.76	-64.76	-76.23
Hrx, H2 (HL [dBm])	-65.95	-63.56	-64.69	-64.69	-76.22



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

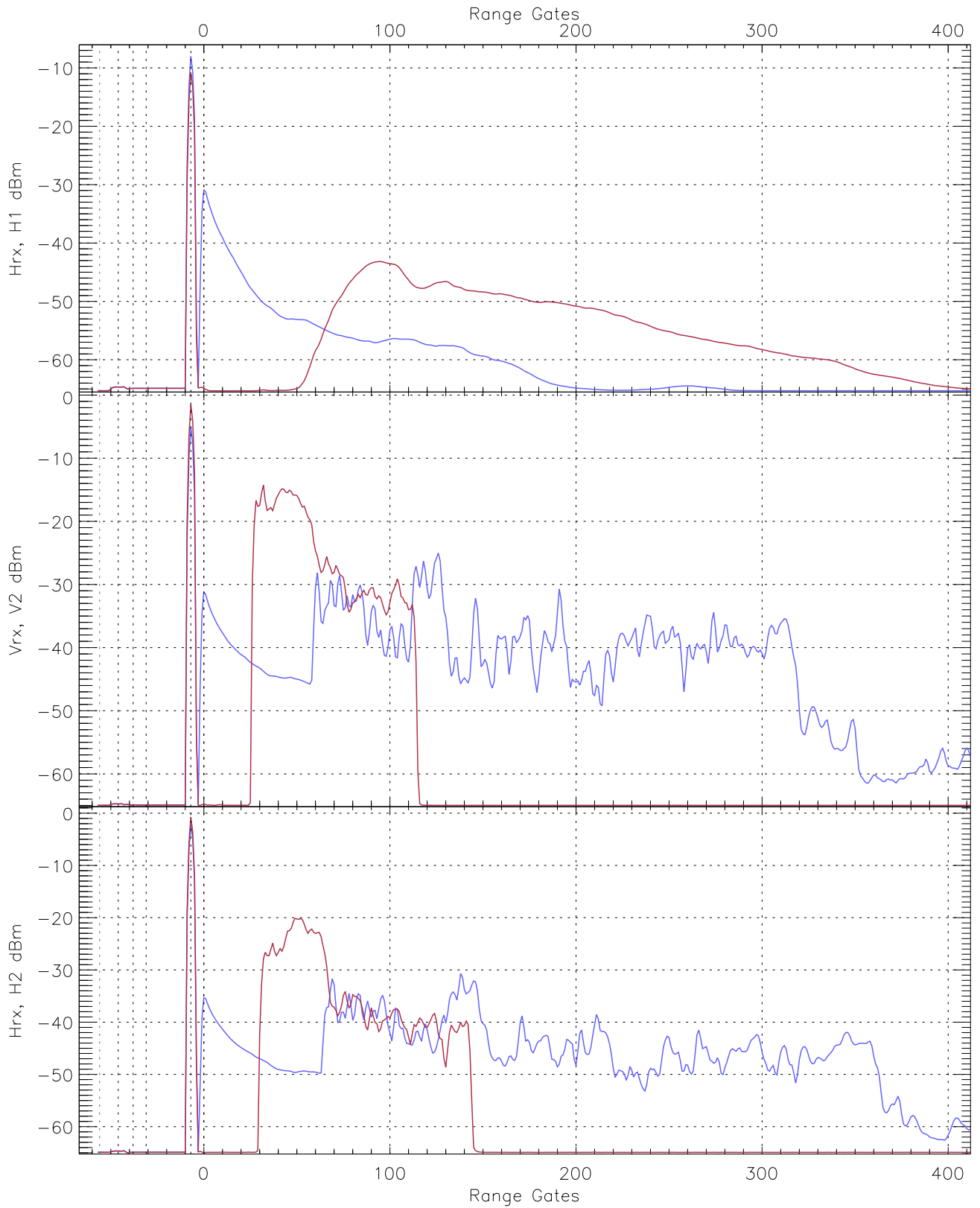
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.70	-63.21	-65.31	-65.33	-76.58
Vrx, V2 (RM [dBm])	-66.26	-63.70	-64.99	-65.00	-76.48
Hrx, H2 (RM [dBm])	-66.19	-63.75	-64.89	-64.90	-76.41



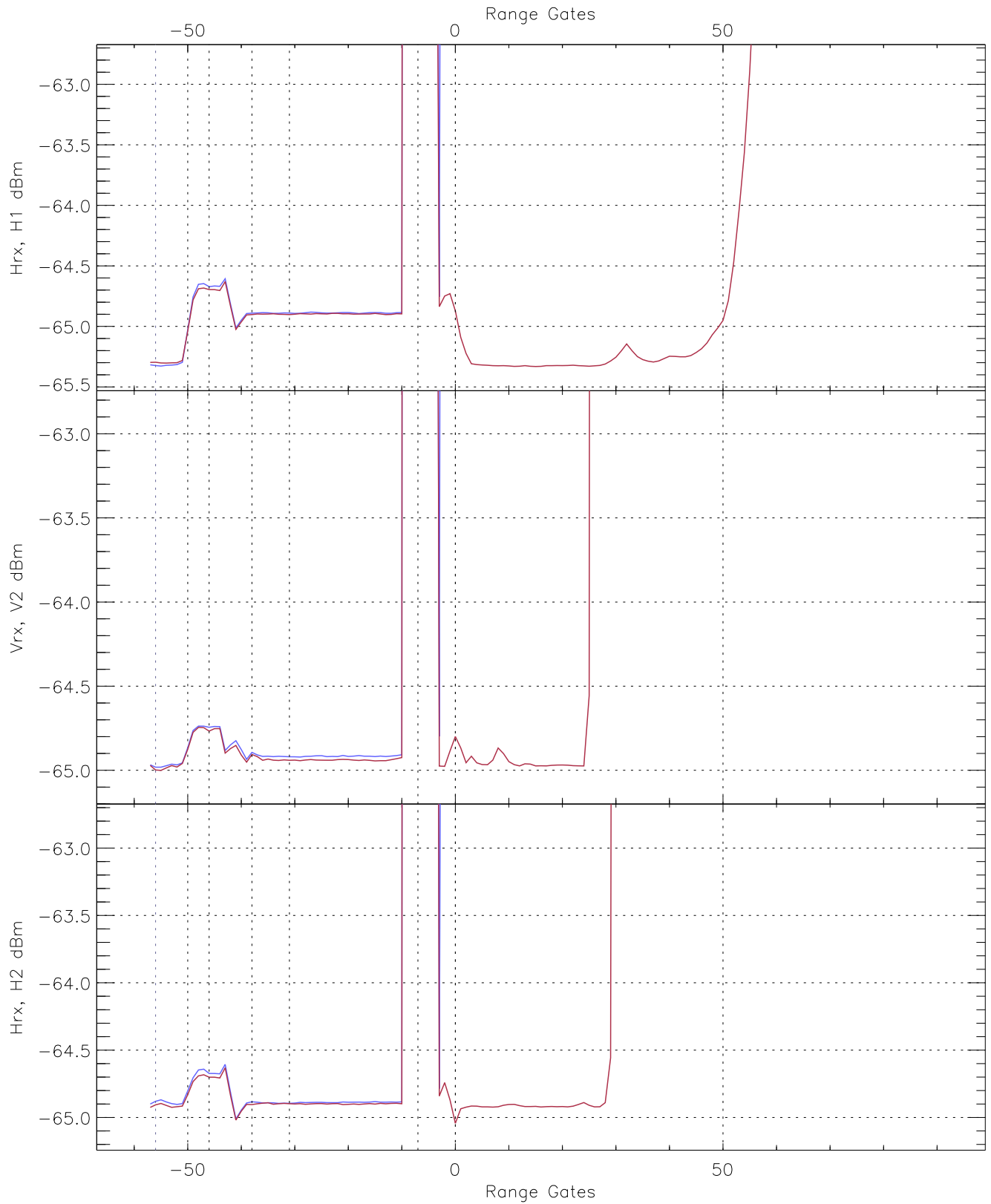
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H2WL7_0 [dBm]	-66.54	-63.95	-65.31	-65.32	-76.80
V2RM_0 [dBm]	-66.26	-63.70	-64.99	-65.00	-76.48
H2RM_0 [dBm]	-66.20	-63.76	-64.90	-64.91	-76.43

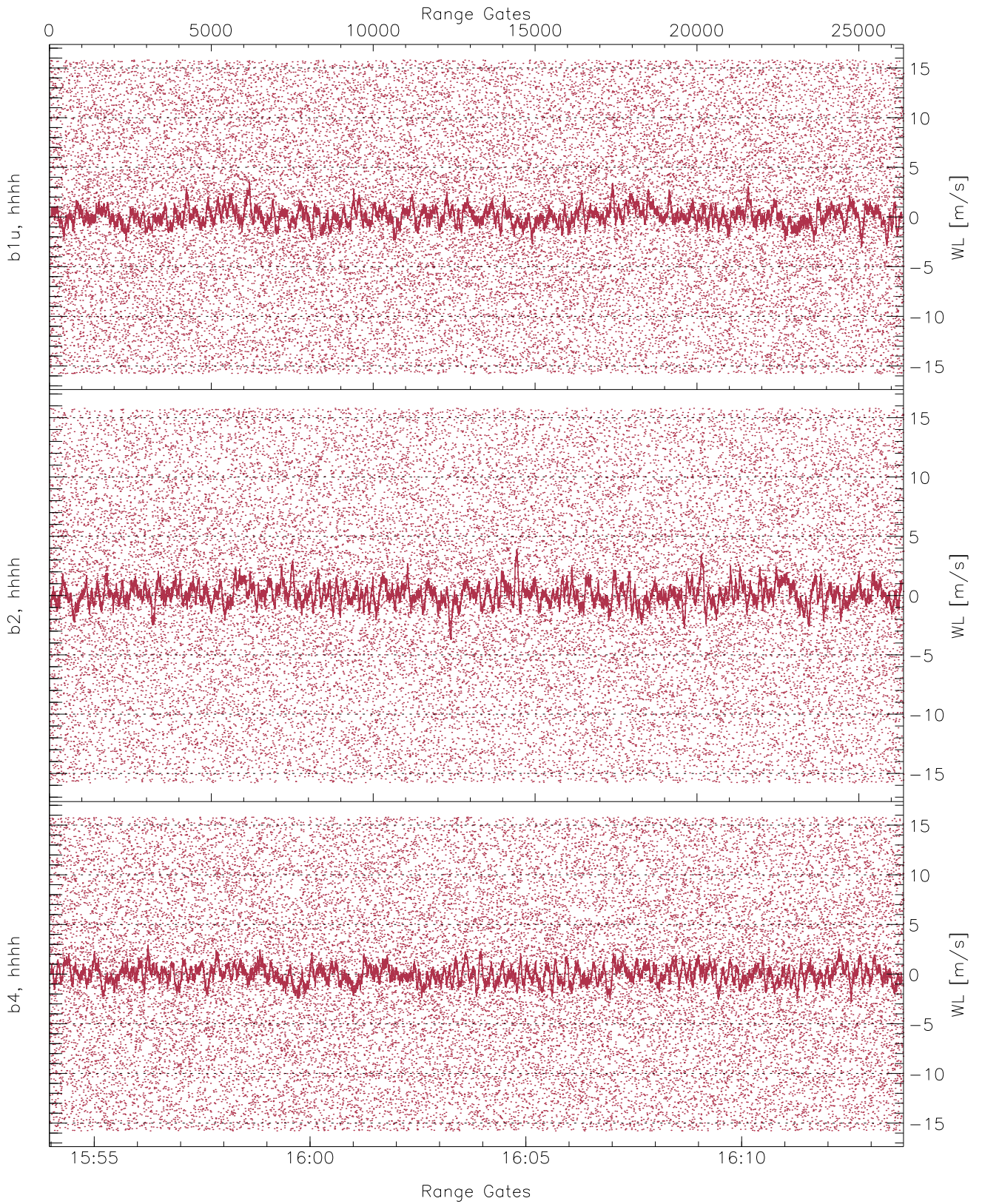




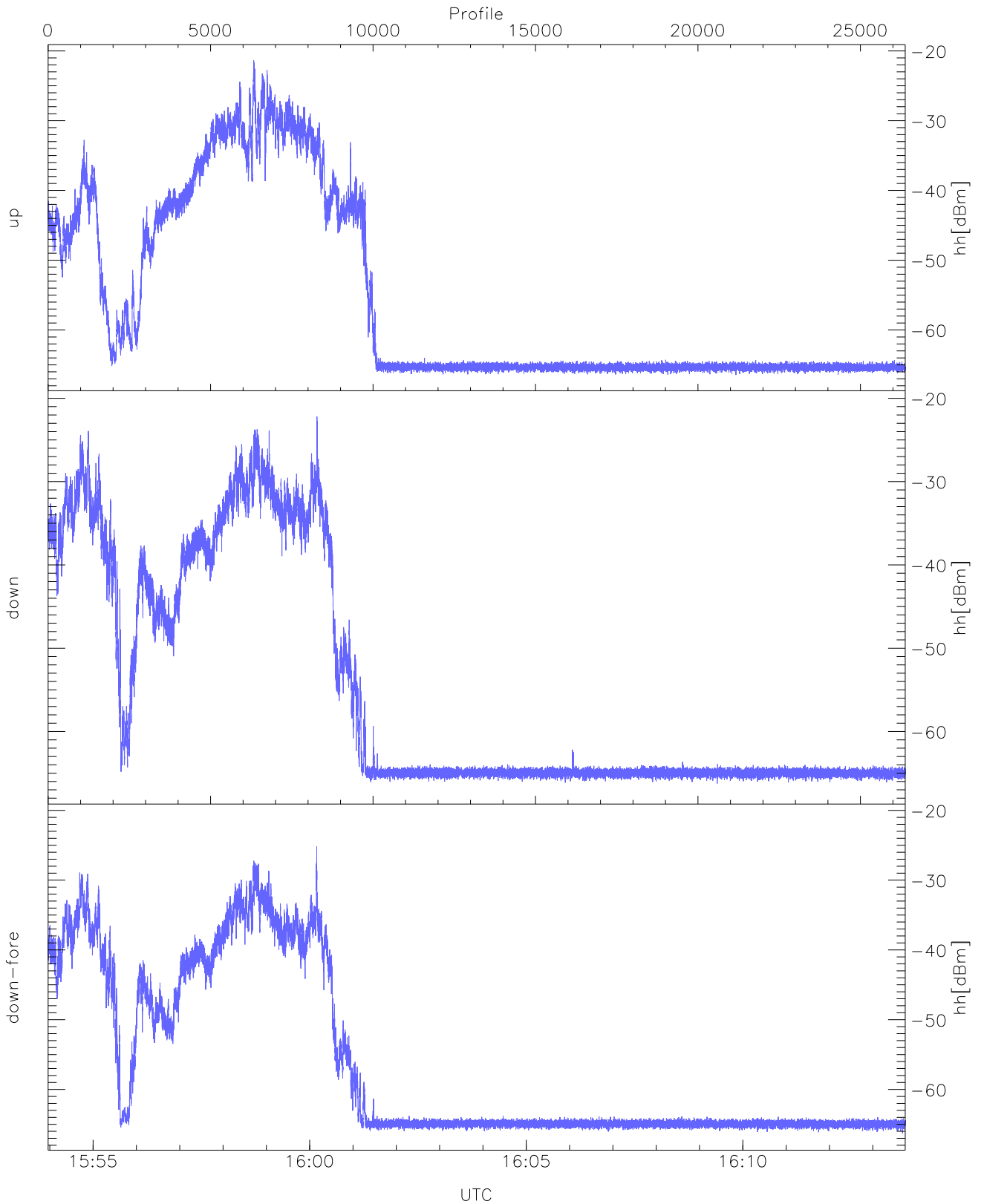
WCR3 CPP Averaged Received power for all recorded gates  
blue: 155358-160351, 13191 profiles averaged  
red: 160351-161345, 13190 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 155358-160351, 13191 profiles averaged  
red: 160351-161345, 13190 profiles averaged

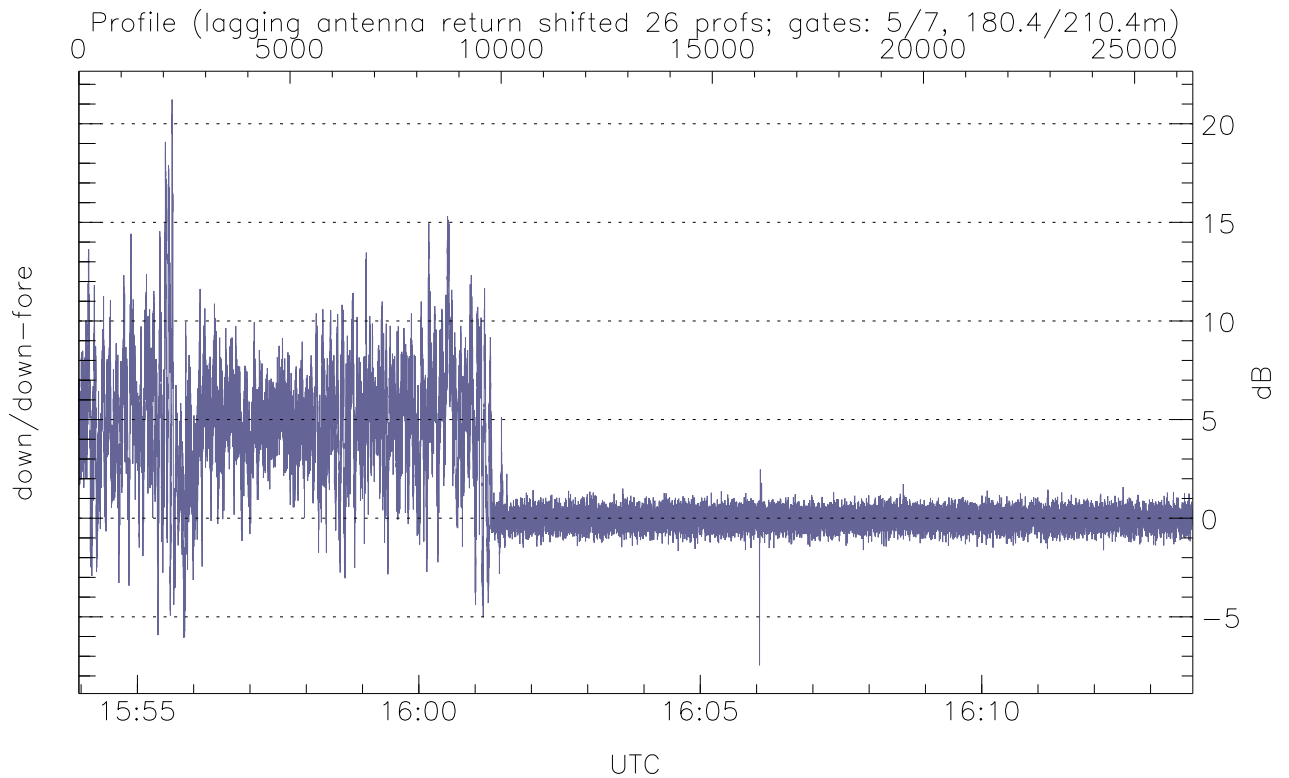
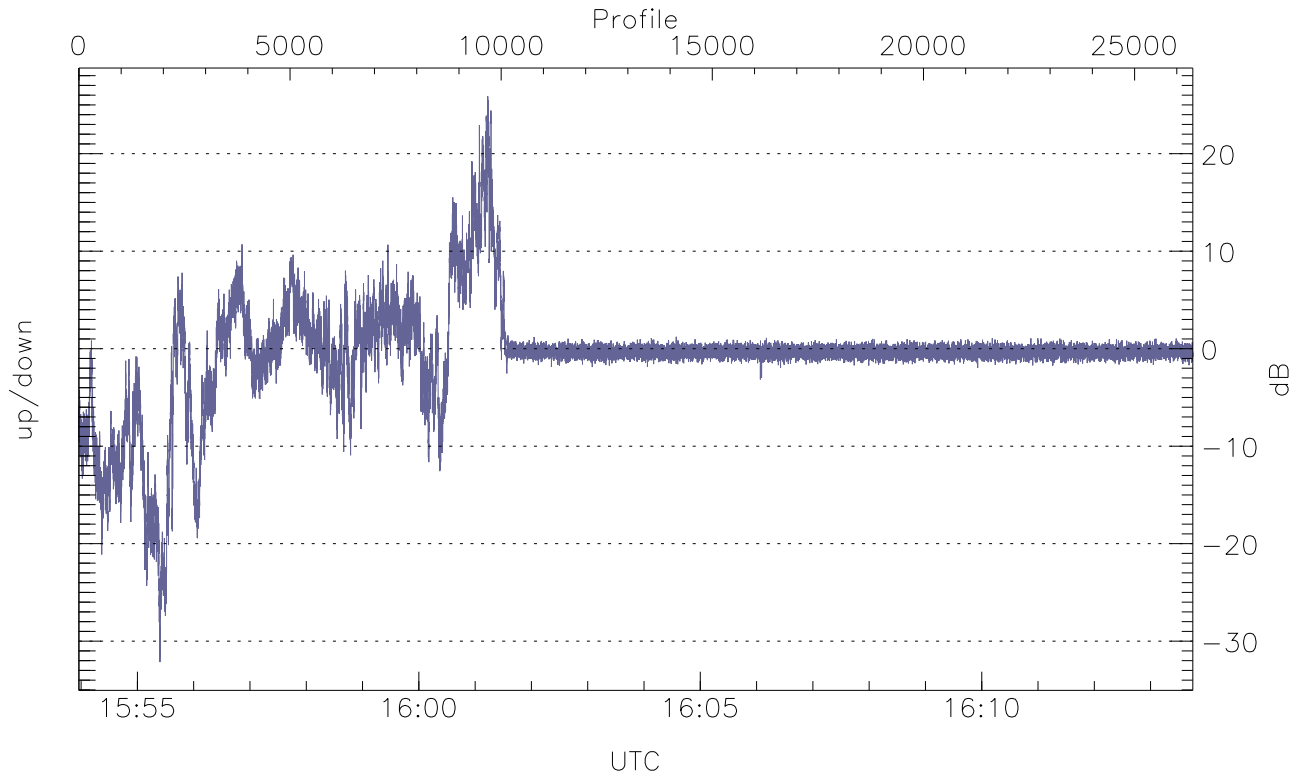


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



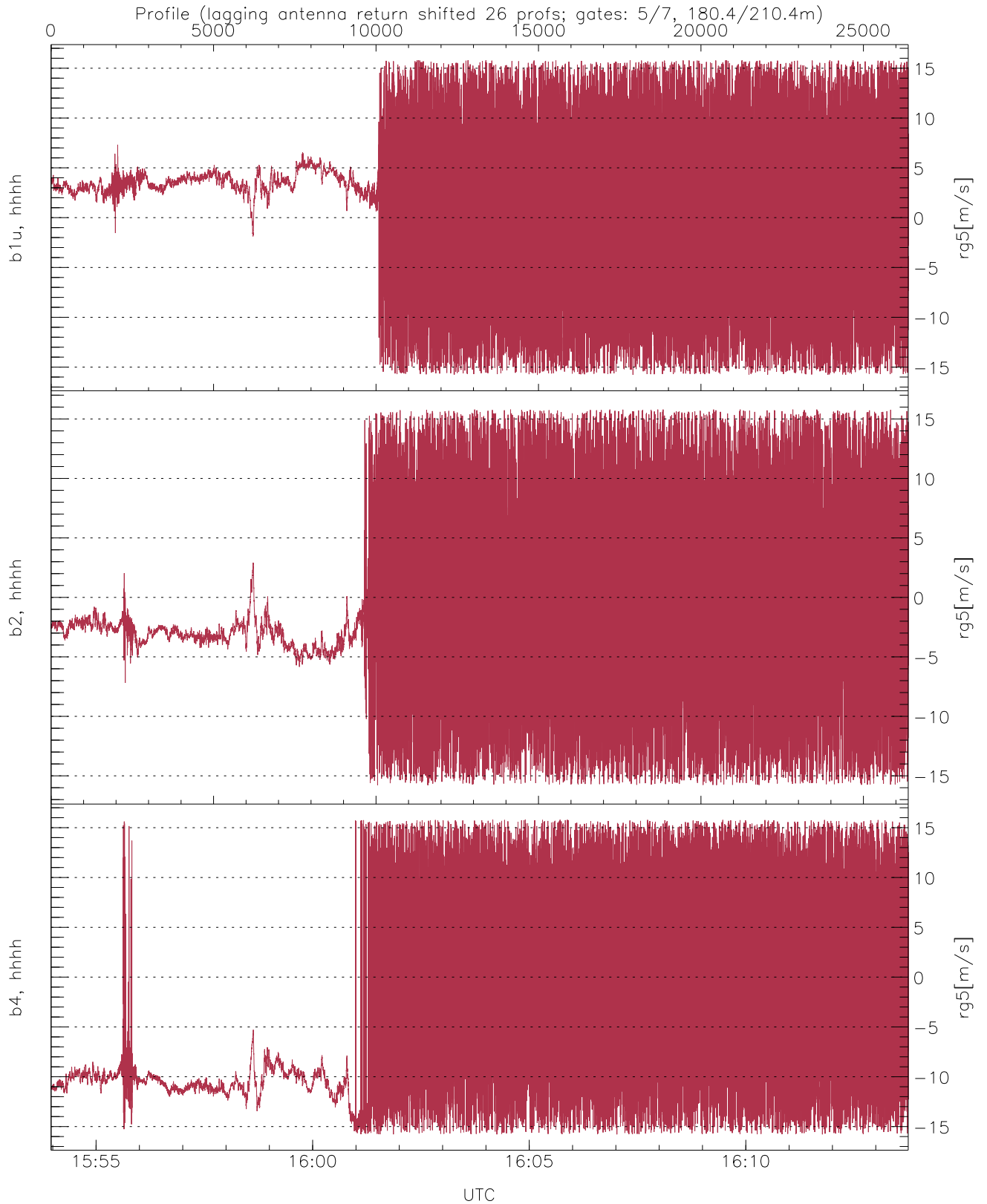
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh [dBm])	-66.45	-21.35	-38.46
down(hh [dBm])	-66.25	-22.19	-37.98
down-fore(hh [dBm])	-66.30	-25.16	-41.78



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

	Min	Max	Mean
up/down (dB)	-32.14	25.88	-0.73
down/down-fore (dB)	-7.46	21.23	1.77



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.39	6.98
b2, hhhh(rg5[m/s])	-15.78	15.79	-1.17	6.83
b4, hhhh(rg5[m/s])	-15.78	15.79	-3.81	8.69