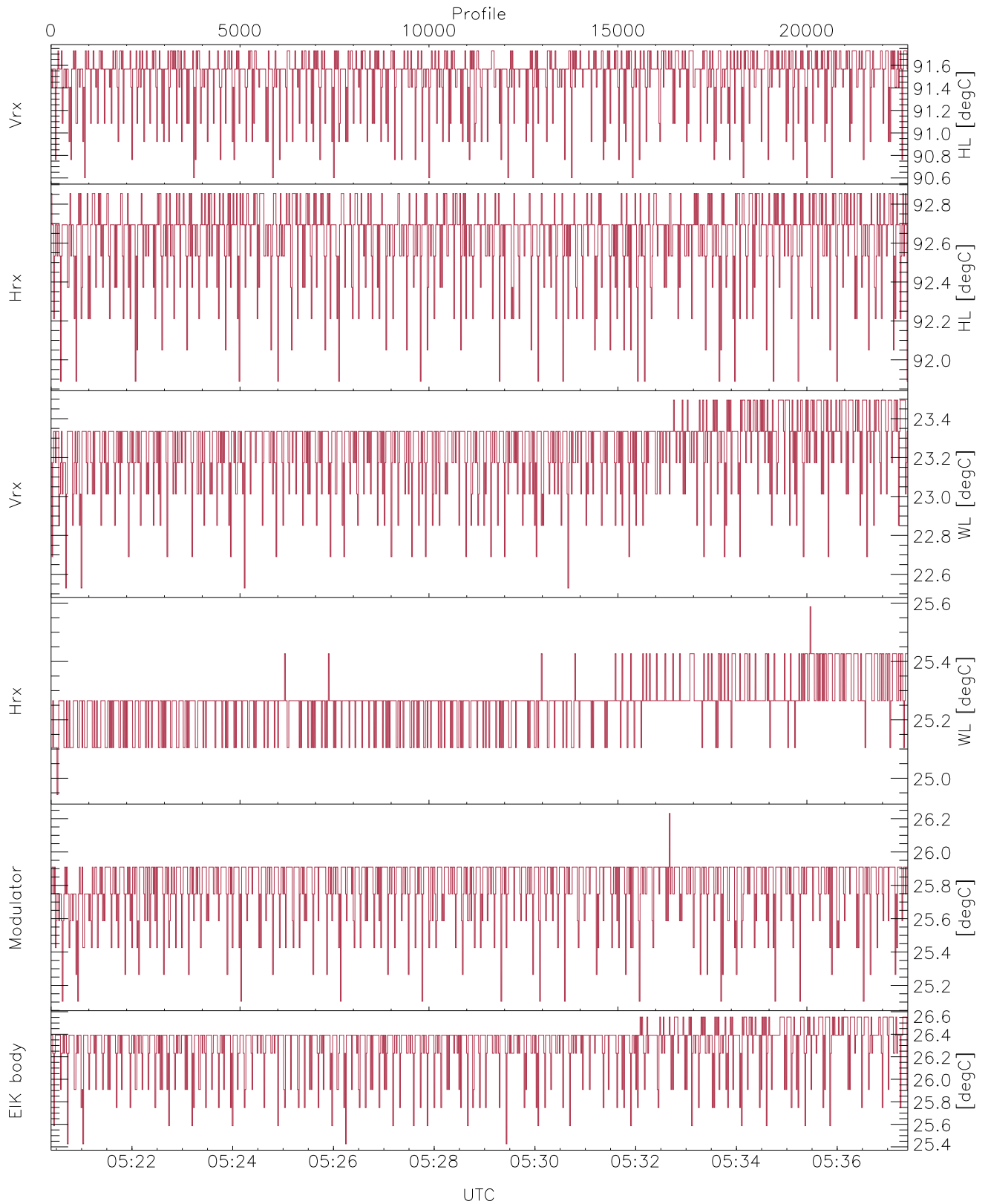


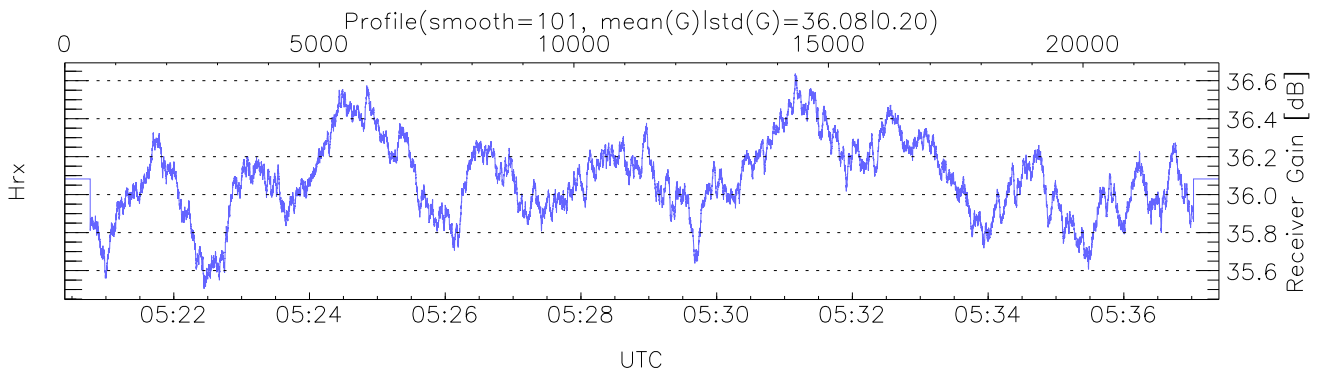
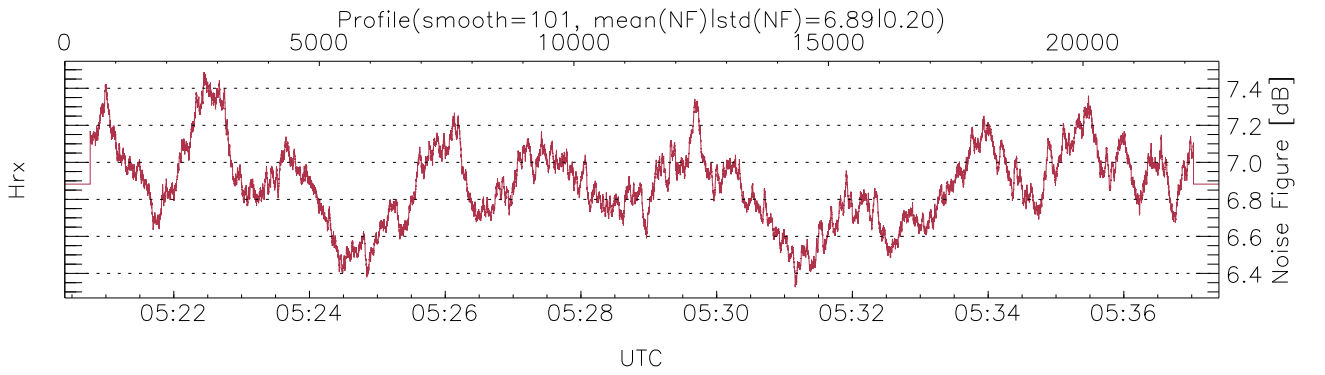
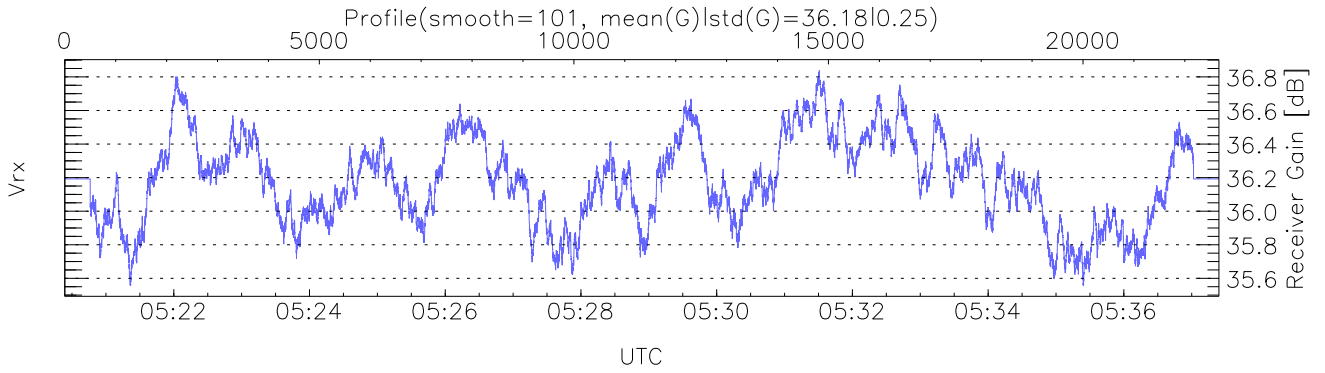
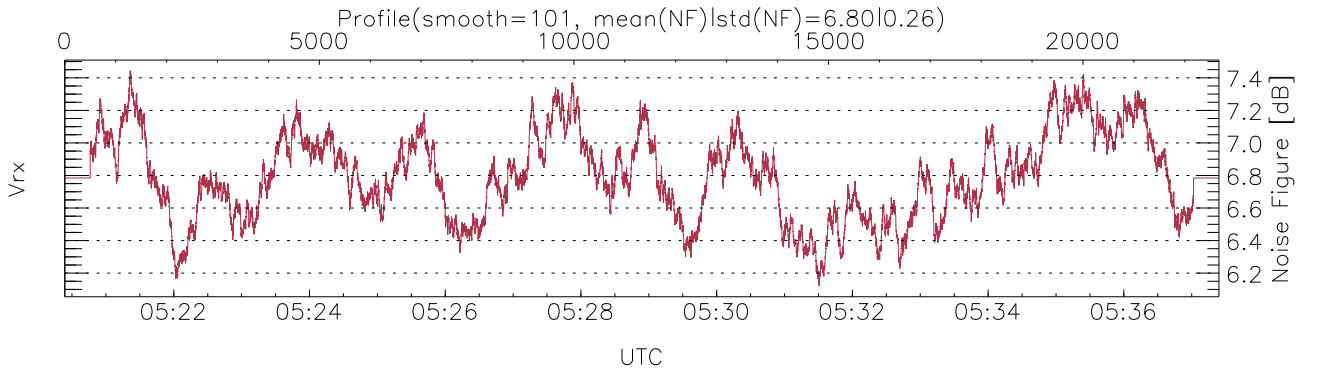
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 05:20:24-05:37:24, TimeCor: 0.00s, Dur: 1020.45s  
 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): 22672/22672, 0-22671/05:20:24-05:37:24  
 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 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



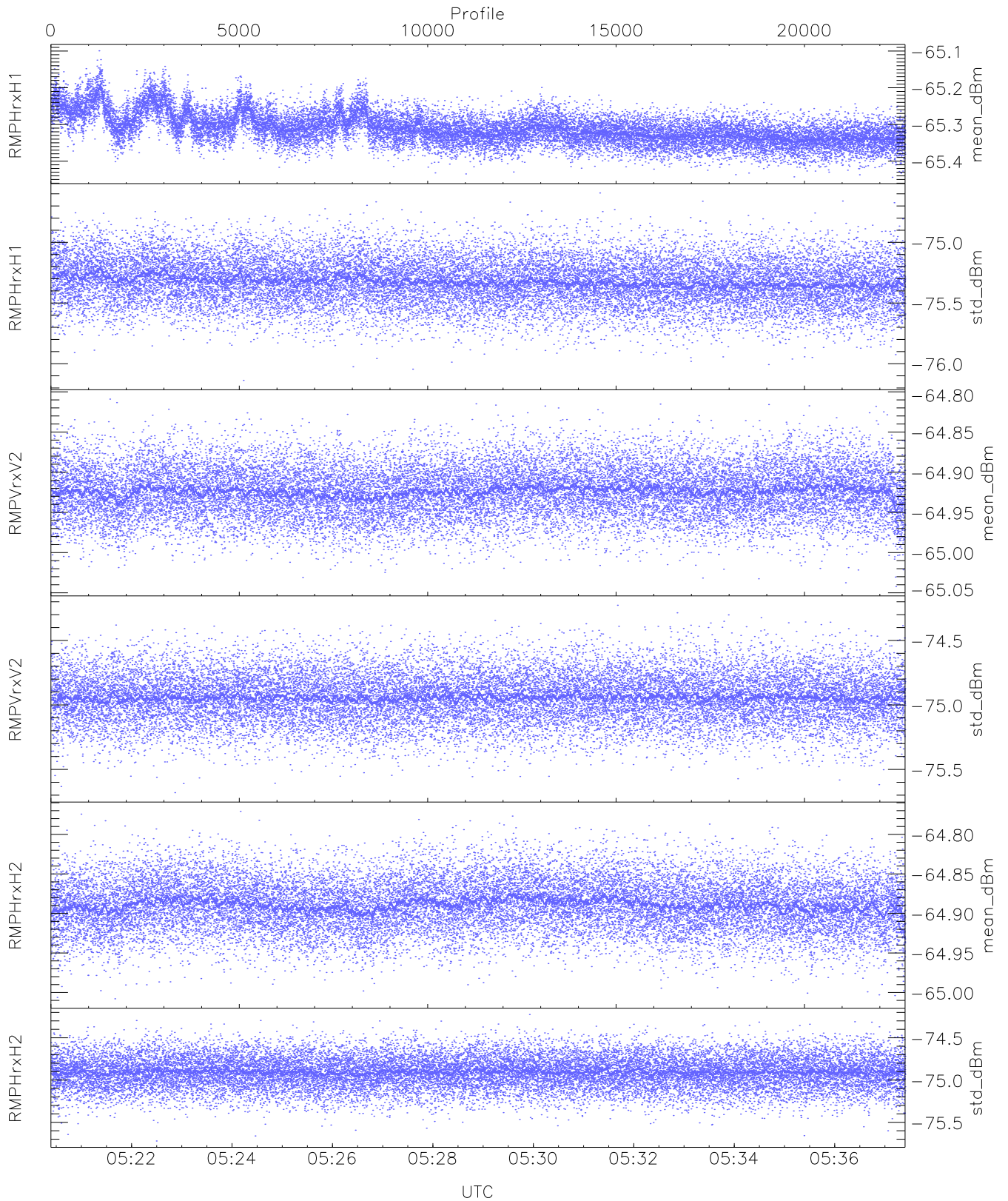
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,24,25,25  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,26,26  
LOalarm(20,240,2817,14861 MHz): 0,0,47,0  
EIK Faults(# prof affected):  
BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22)



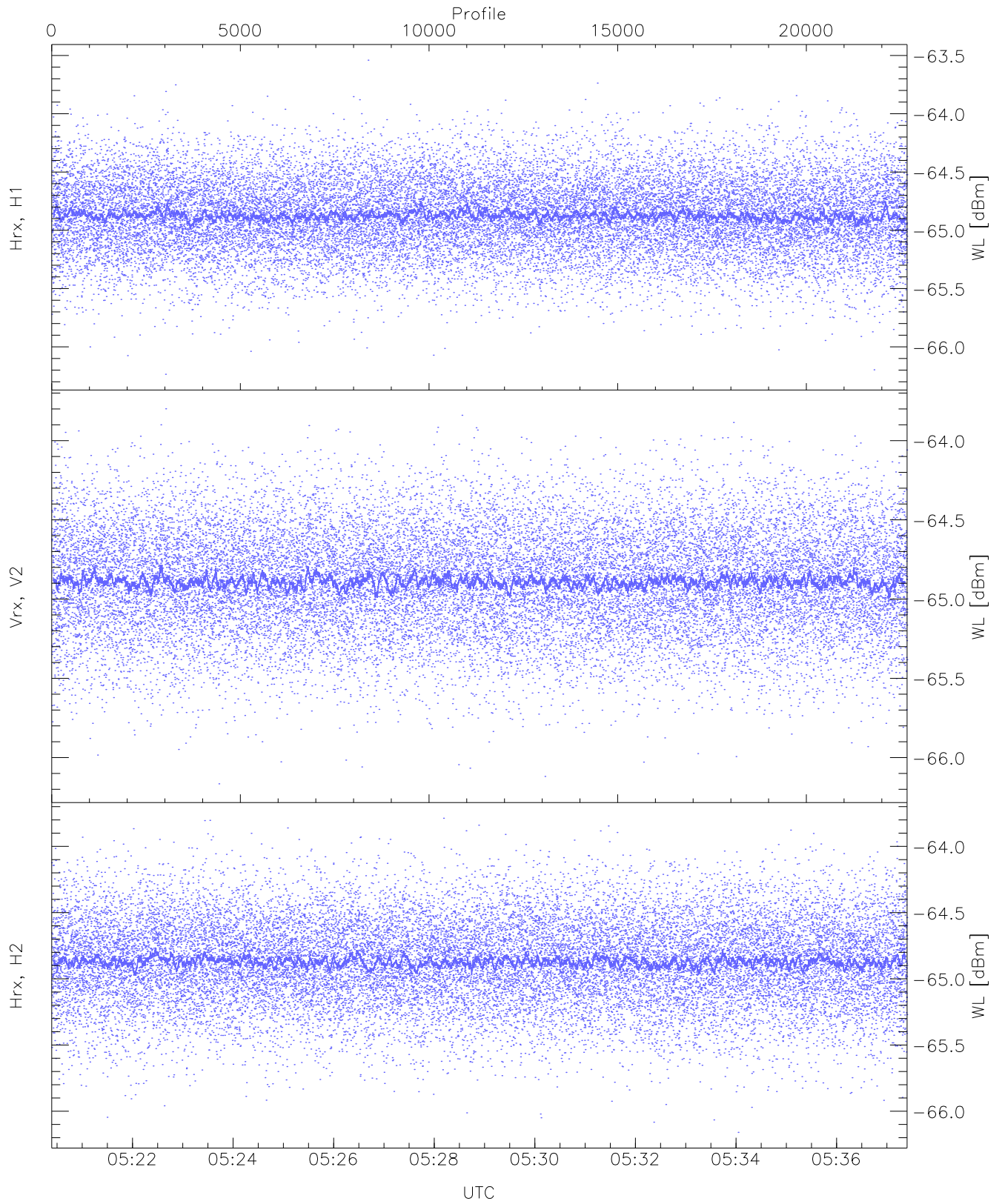
### WCR3 CPP Receivers Gain and Noise Figure

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



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

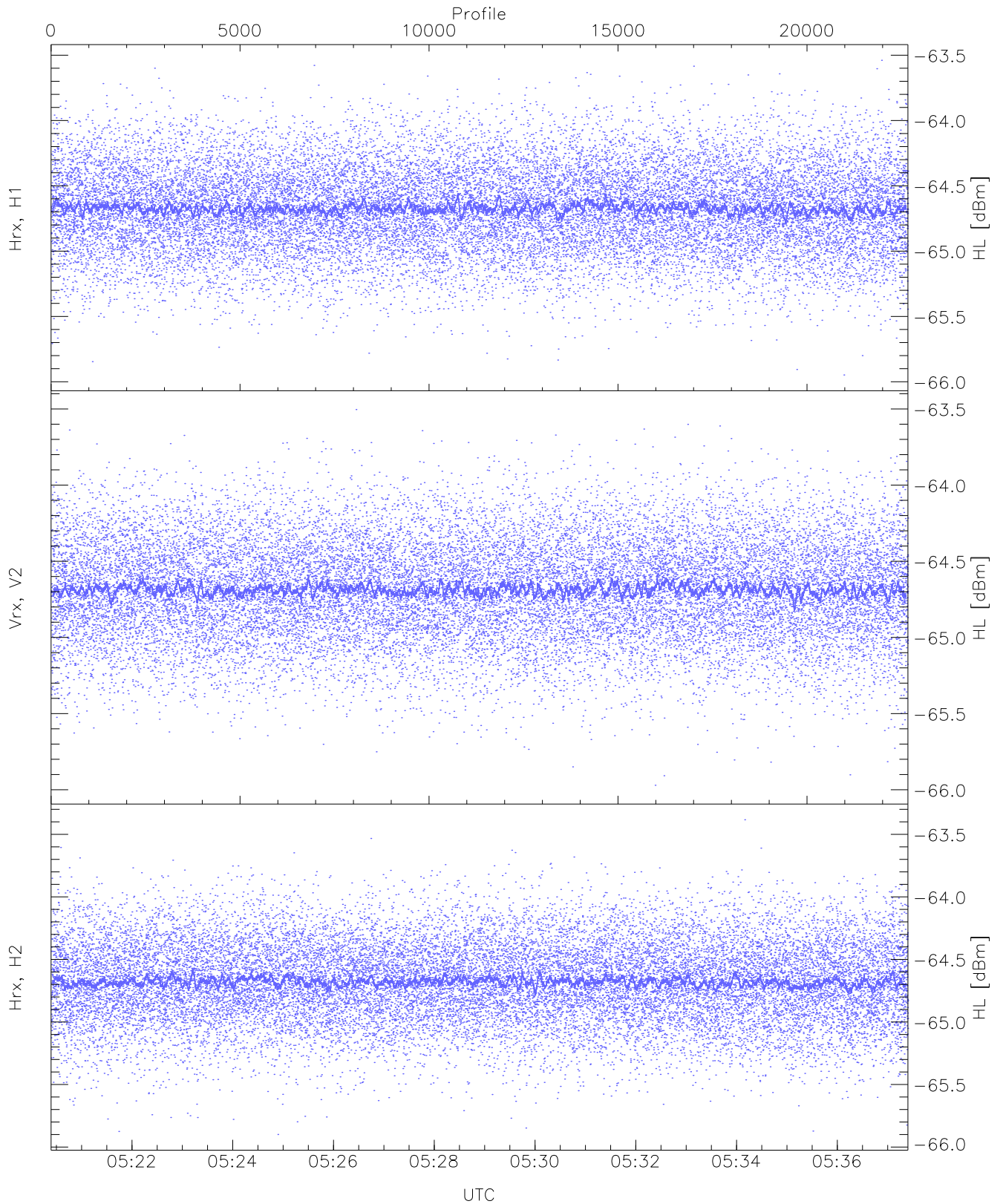
	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.44	-65.10	-65.31	-65.31	-85.31
RMPHrxH1 (std_dBm)	-76.14	-74.59	-75.32	-75.33	-89.08
RMPVrxV2 (mean_dBm)	-65.04	-64.81	-64.92	-64.92	-86.50
RMPVrxV2 (std_dBm)	-75.68	-74.23	-74.94	-74.94	-88.75
RMPHrxH2 (mean_dBm)	-65.01	-64.77	-64.89	-64.89	-86.39
RMPHrxH2 (std_dBm)	-75.72	-74.22	-74.91	-74.91	-88.71



WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

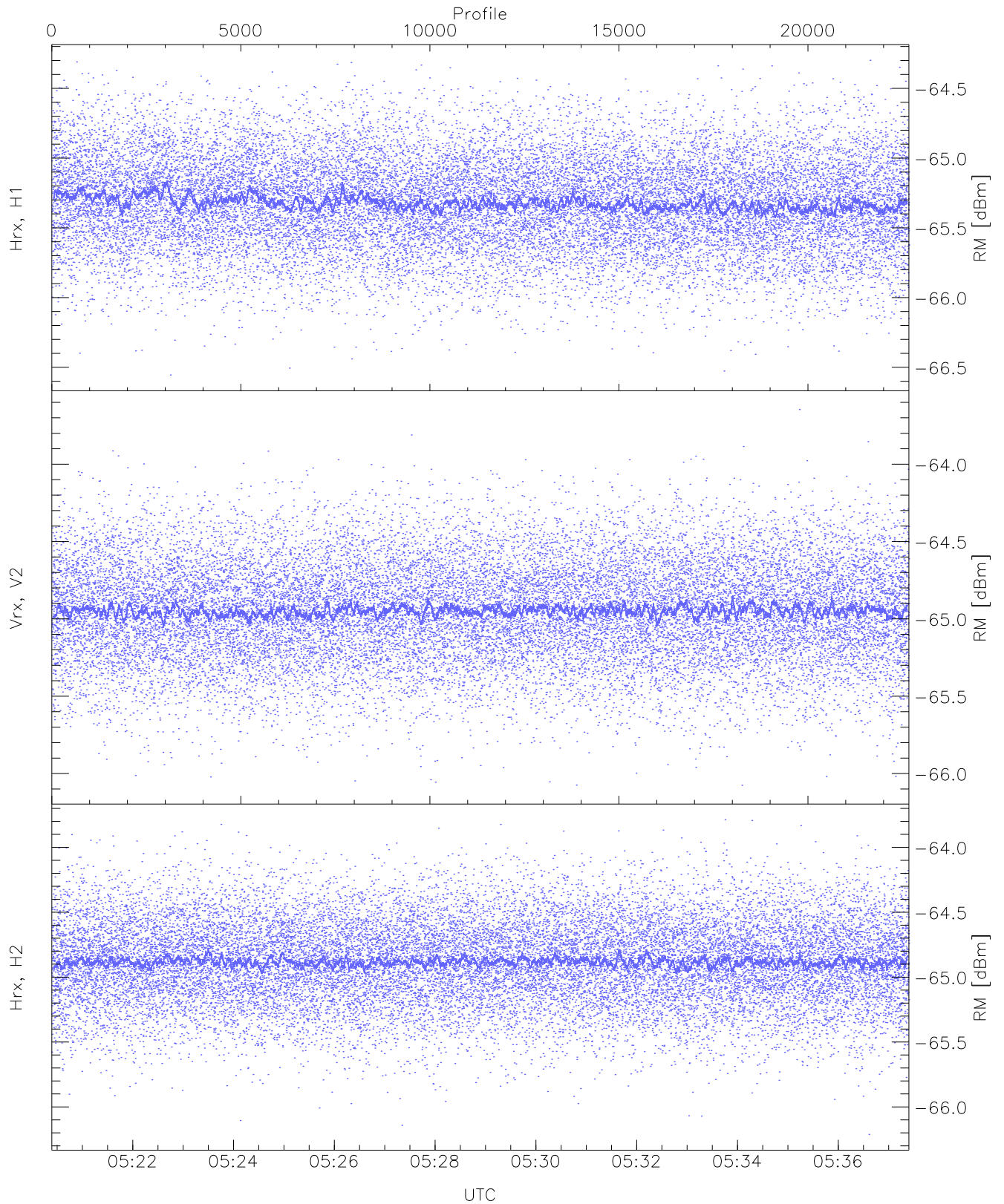
	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.24	-63.54	-64.87	-64.88	-76.39
Vrx, V2 (WL [dBm])	-66.17	-63.80	-64.88	-64.89	-76.36
Hrx, H2 (WL [dBm])	-66.16	-63.79	-64.86	-64.87	-76.36





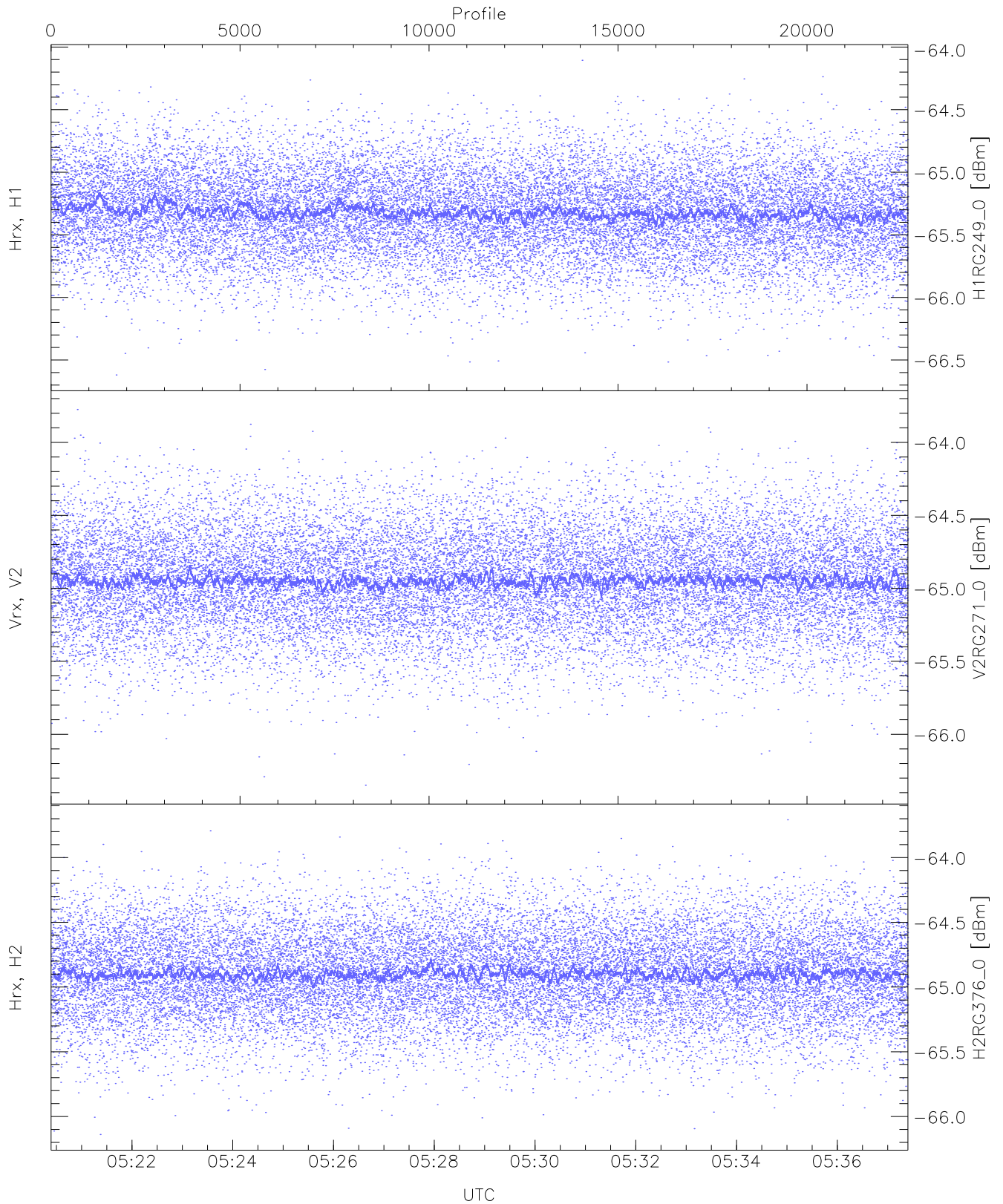
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.95	-63.54	-64.67	-64.67	-76.13
Vrx, V2 (HL [dBm])	-65.97	-63.50	-64.68	-64.69	-76.16
Hrx, H2 (HL [dBm])	-65.90	-63.38	-64.67	-64.68	-76.18



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

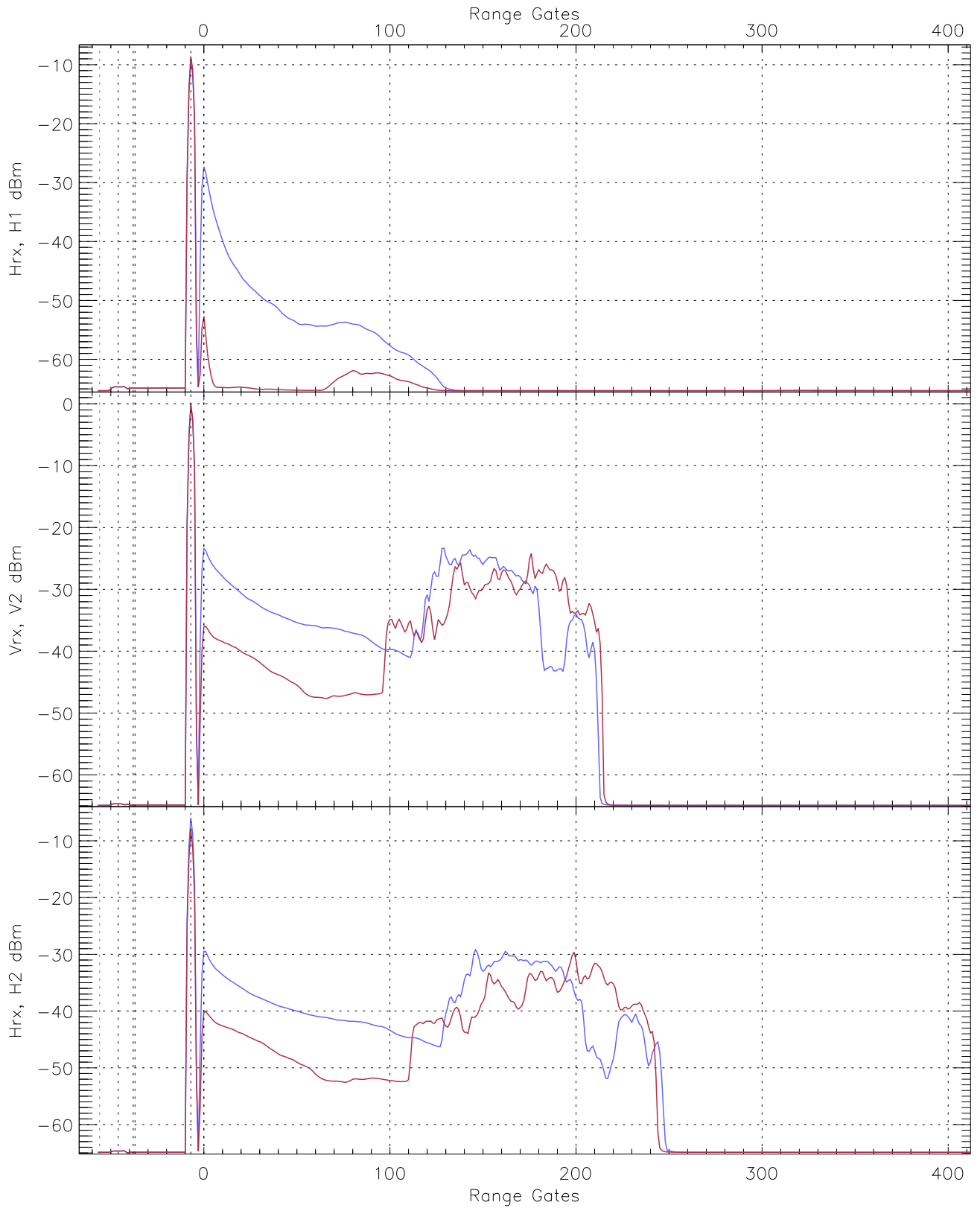
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.56	-64.30	-65.31	-65.32	-76.74
Vrx, V2 (RM [dBm])	-66.08	-63.65	-64.94	-64.95	-76.45
Hrx, H2 (RM [dBm])	-66.21	-63.79	-64.88	-64.88	-76.37



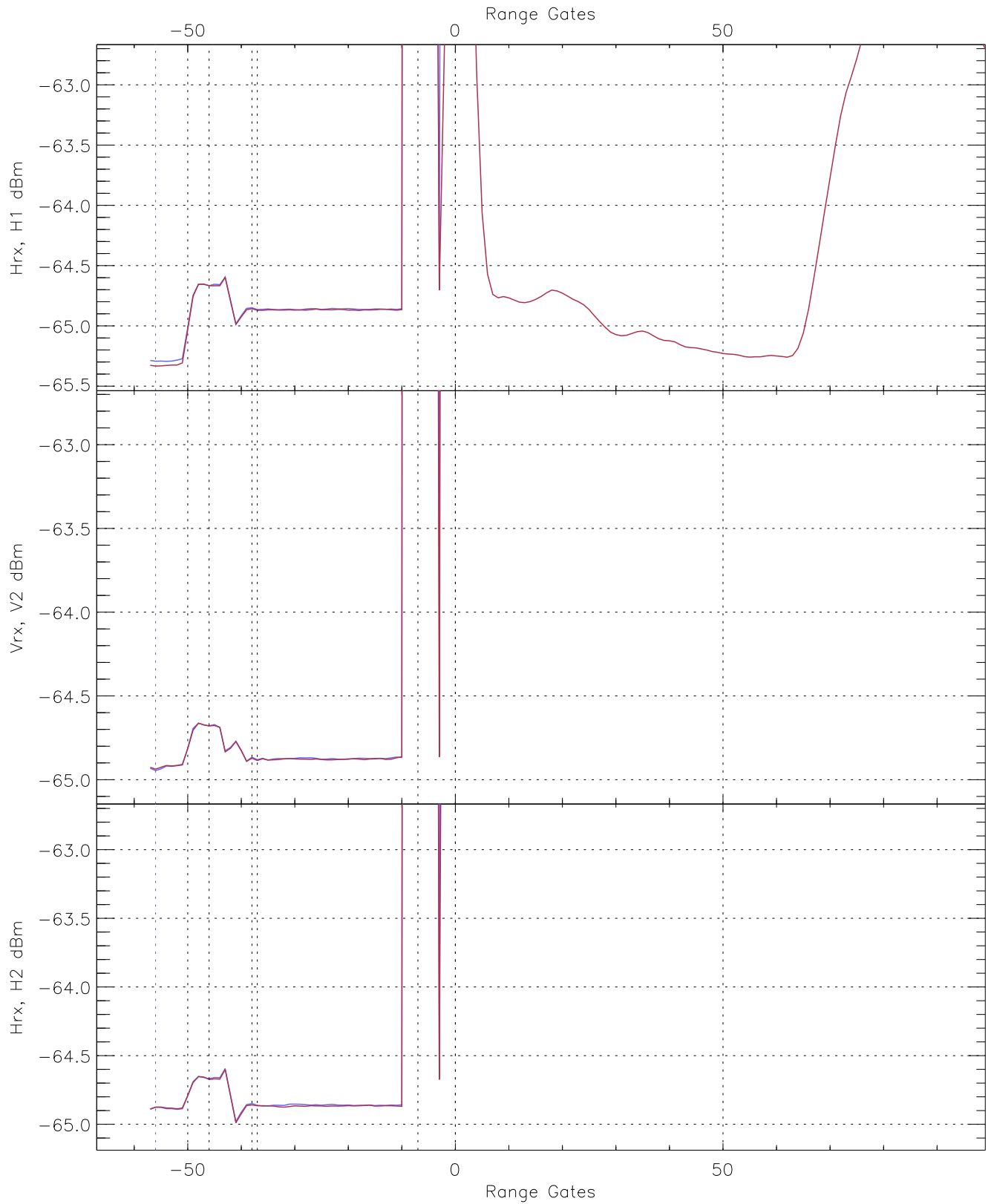
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG249_0 [dBm]	-66.62	-64.11	-65.31	-65.32	-76.80
V2RG271_0 [dBm]	-66.35	-63.77	-64.94	-64.95	-76.46
H2RG376_0 [dBm]	-66.14	-63.71	-64.89	-64.90	-76.41

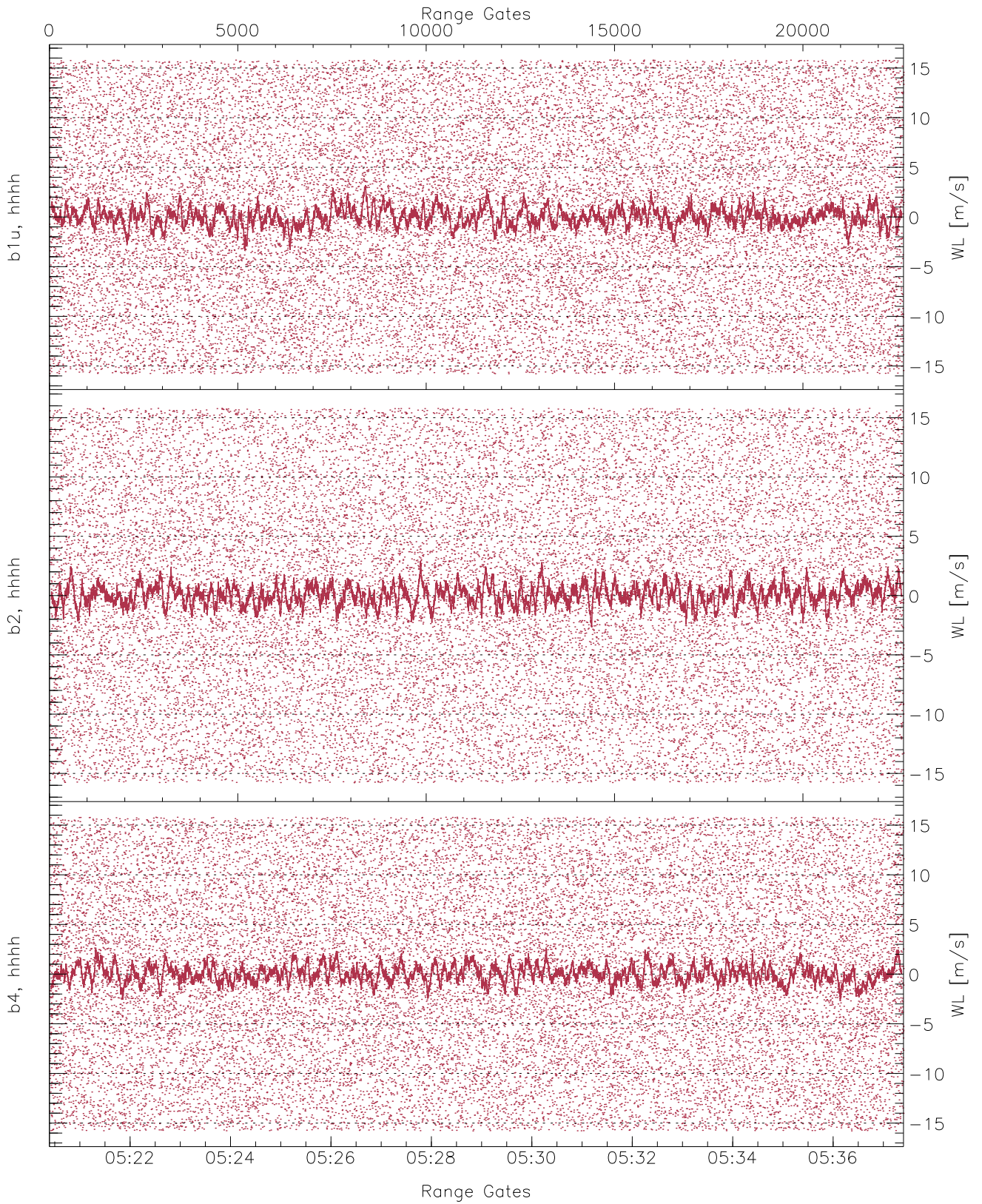




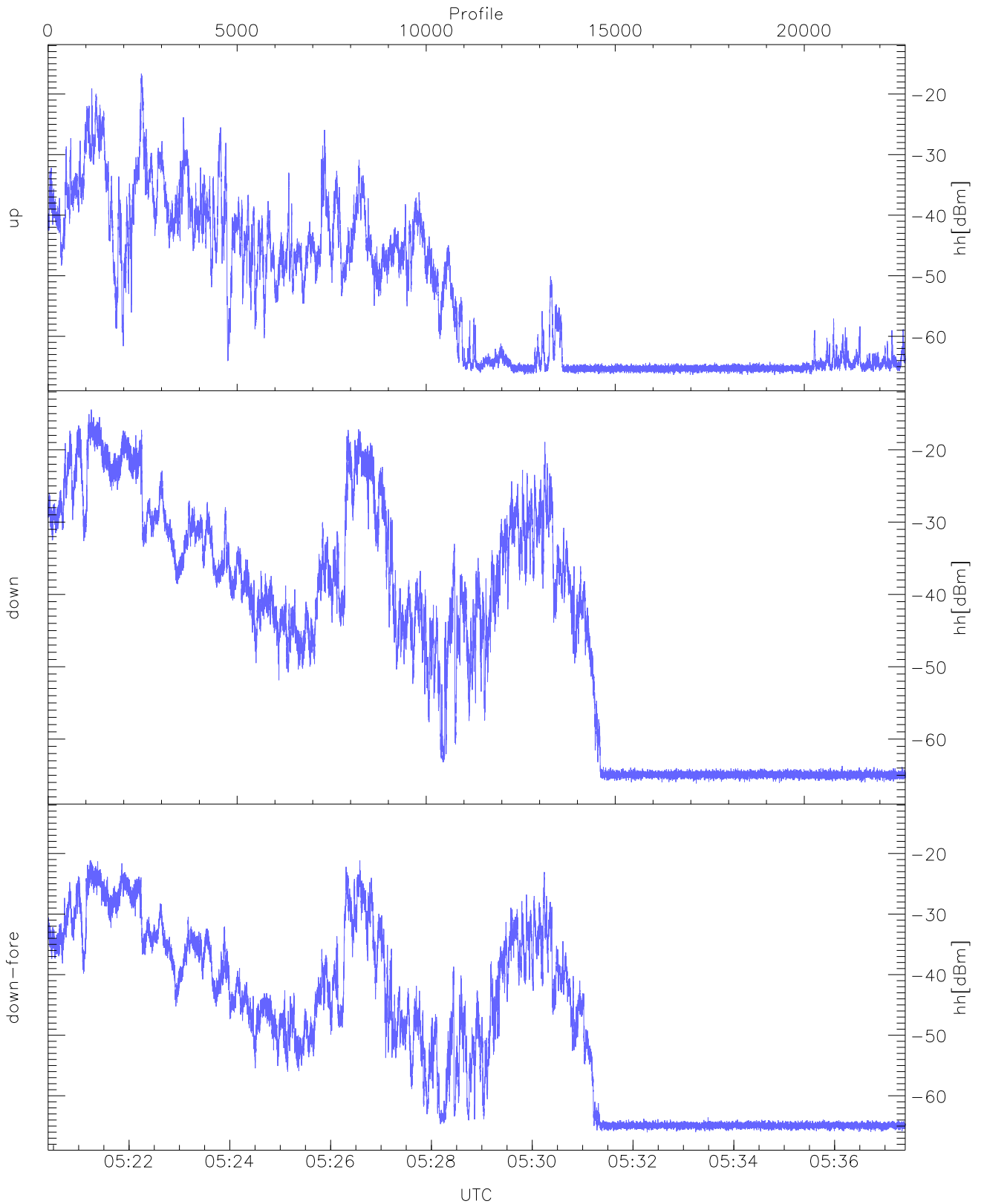
WCR3 CPP Averaged Received power for all recorded gates  
blue: 052024-052854, 11337 profiles averaged  
red: 052854-053724, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 052024-052854, 11337 profiles averaged  
red: 052854-053724, 11336 profiles averaged



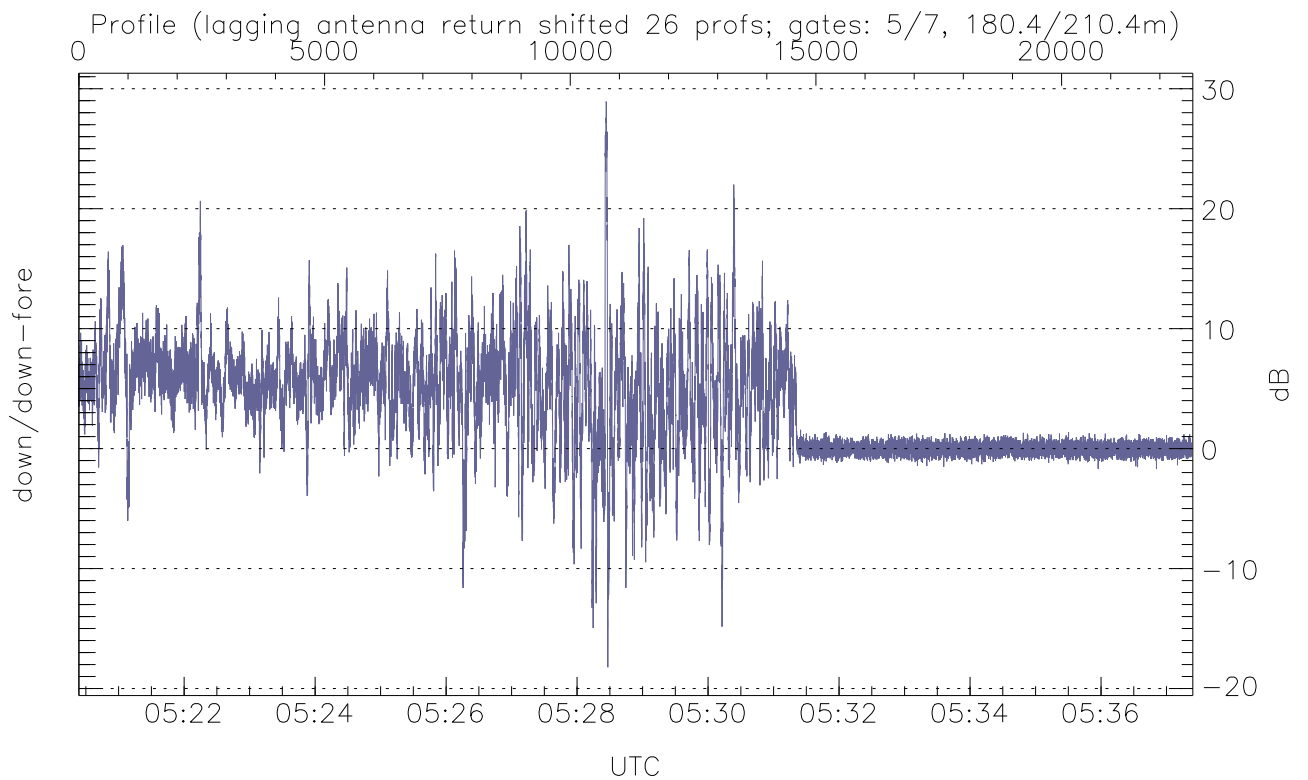
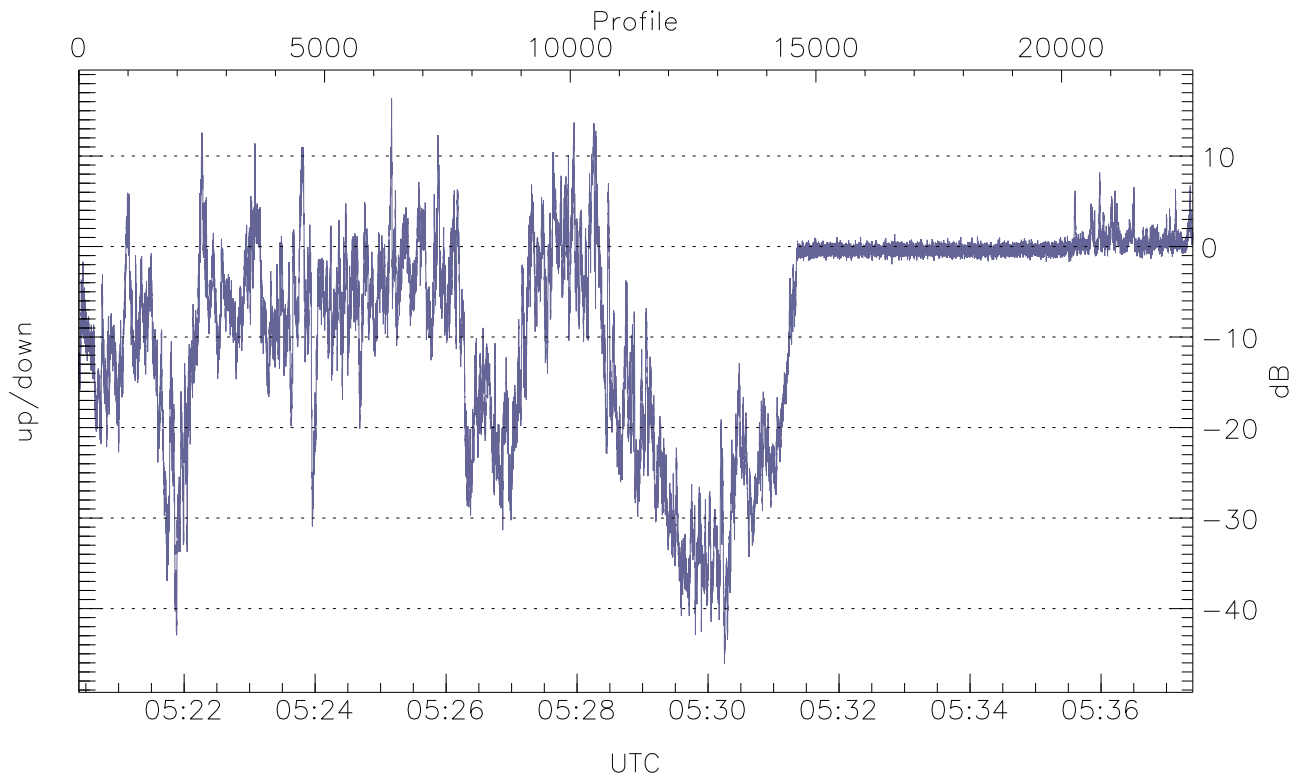
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

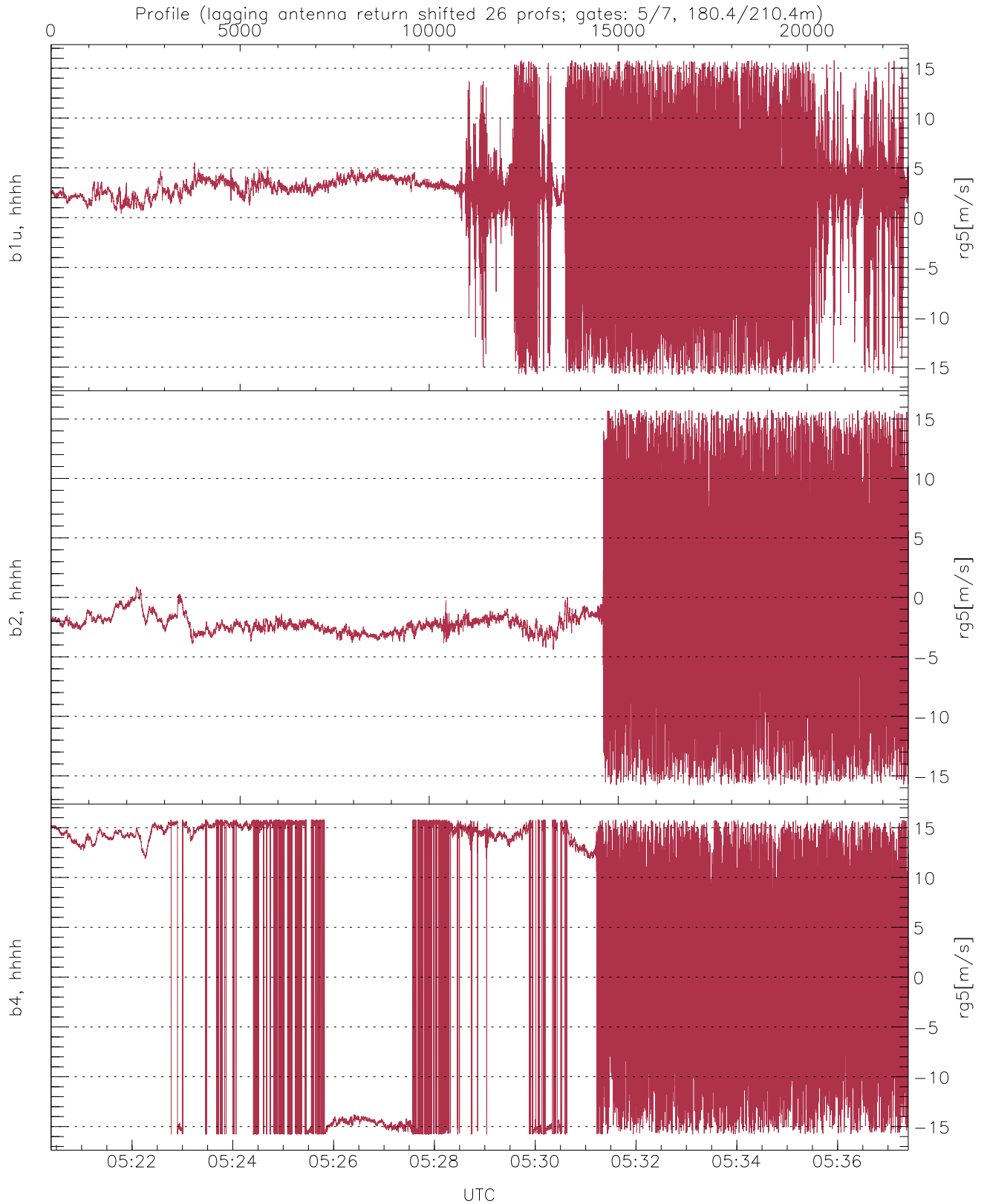
	Min	Max	Mean
up(hh[dBm])	-66.38	-16.63	-37.63
down(hh[dBm])	-66.13	-14.43	-28.89
down-fore(hh[dBm])	-66.01	-21.11	-34.54





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

	Min	Max	Mean
up/down (dB)	-46.13	16.38	-7.98
down/down-fore (dB)	-18.23	28.93	3.47



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.97	5.18
b2, hhhh(rg5[m/s])	-15.78	15.79	-1.36	5.17
b4, hhhh(rg5[m/s])	-15.79	15.79	4.19	12.19