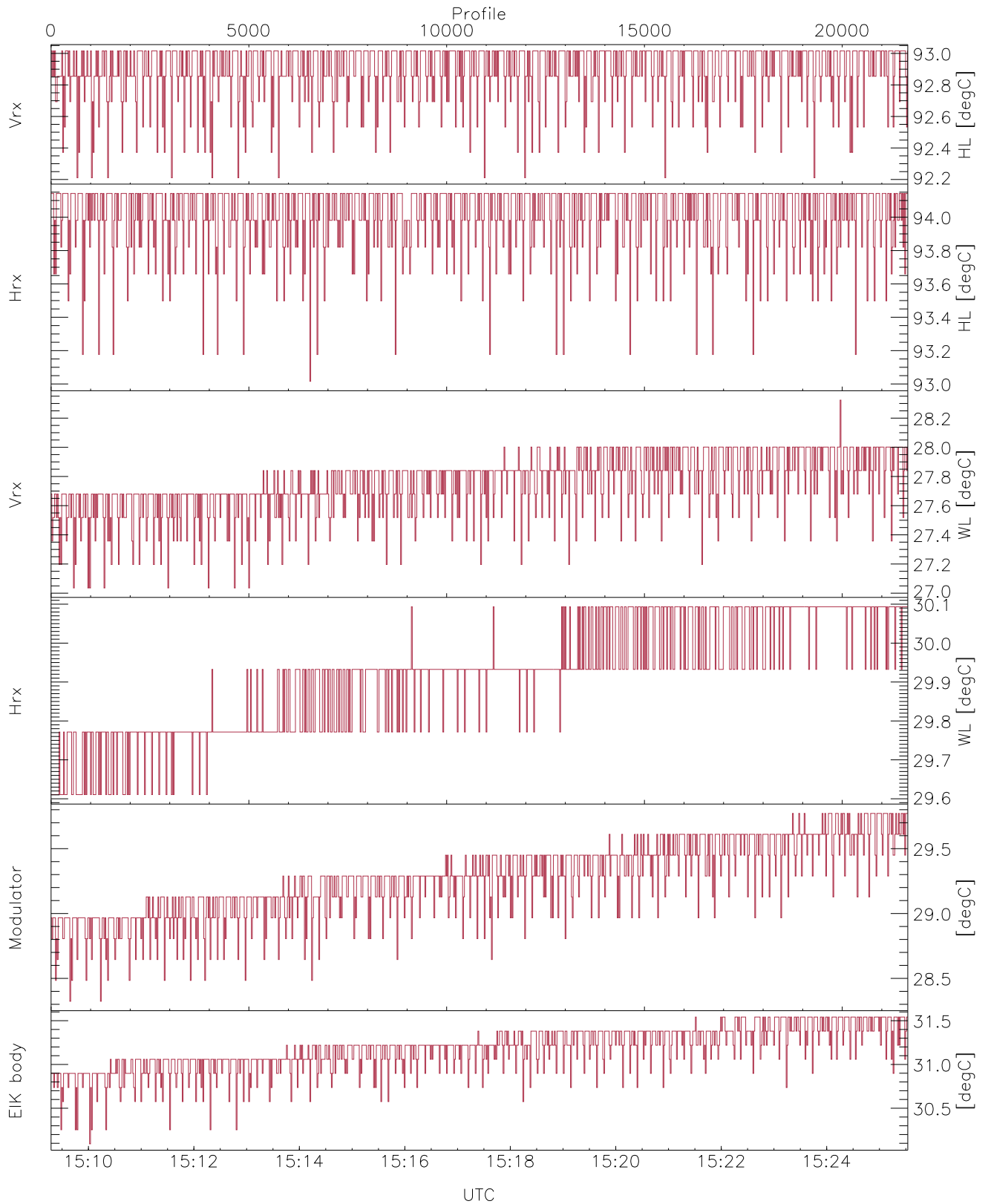


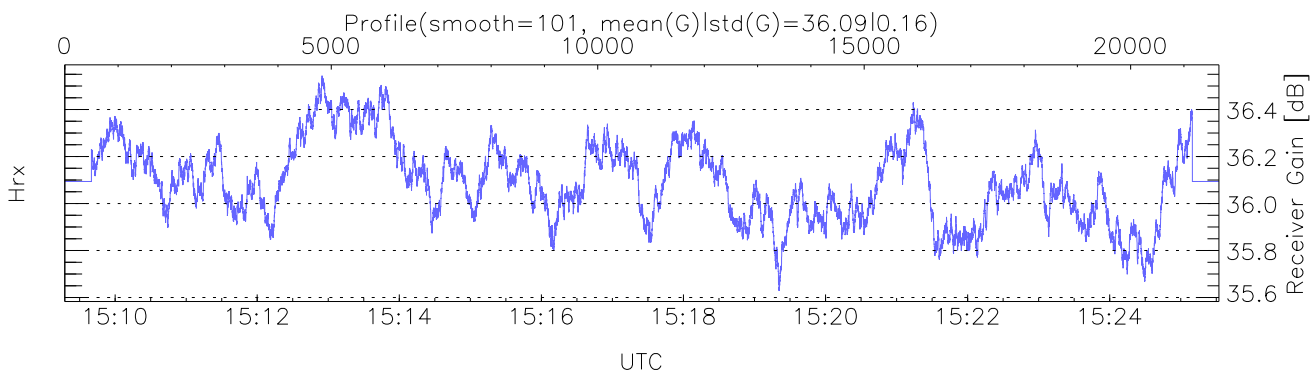
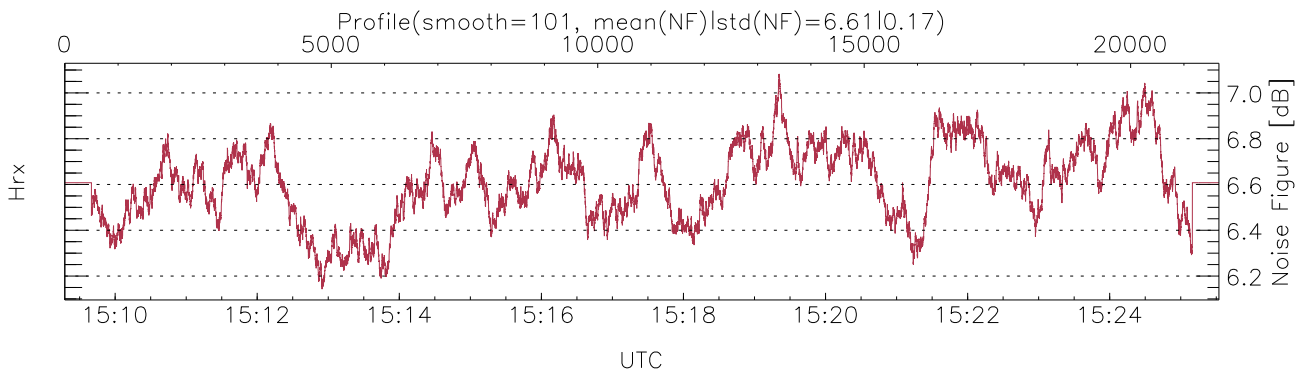
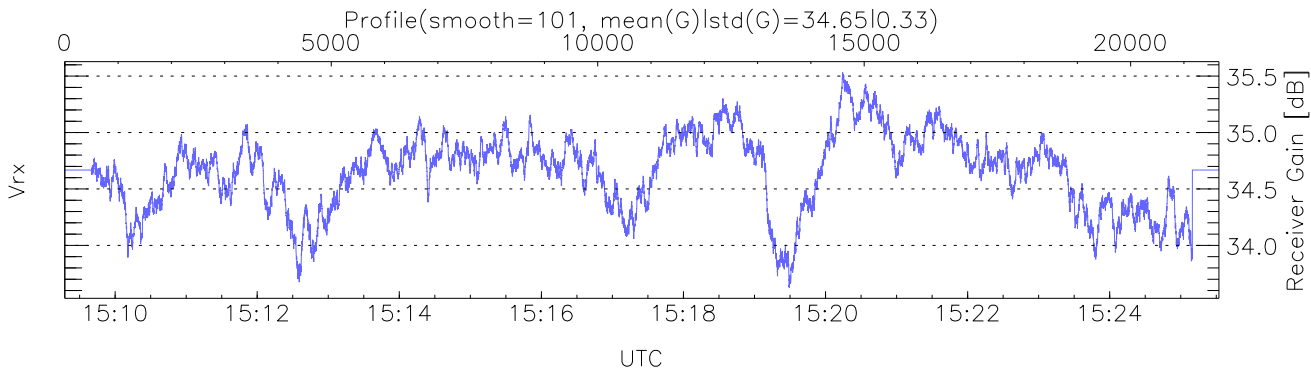
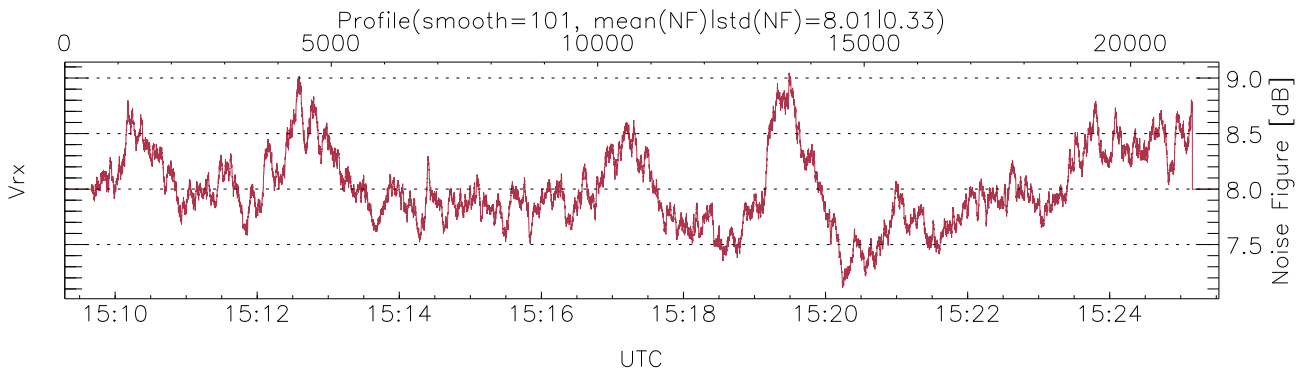
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:09:17-15:25:32, TimeCor: 0.00s, Dur: 974.81s
 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): 21658/21658, 0-21657/15:09:17-15:25:32
 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



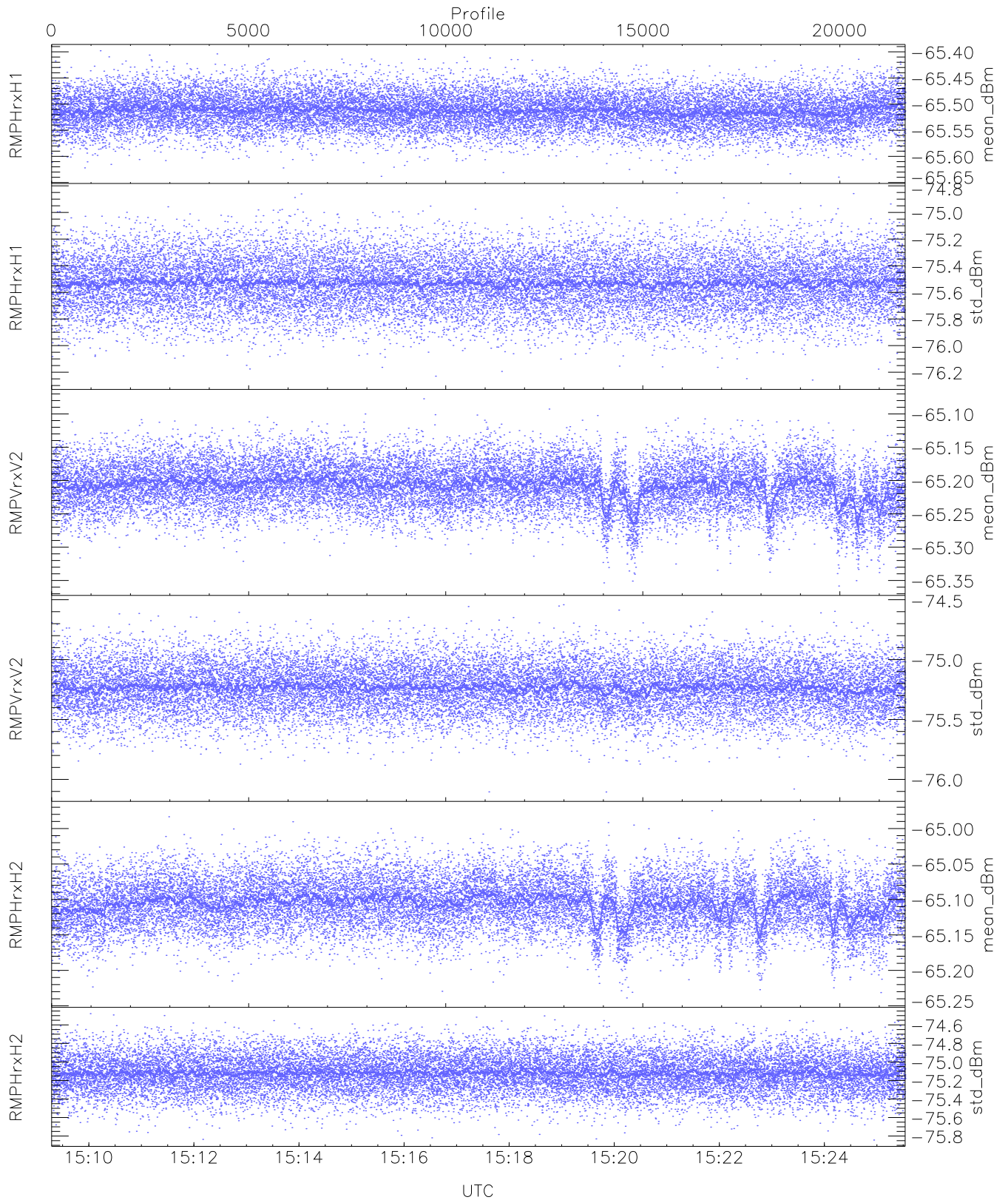
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,29,28,30
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,28,30,29,31
 LOalarm(20,240,2817,14861 MHz): 0,0,44,0
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (24,24,24,24,24,24)



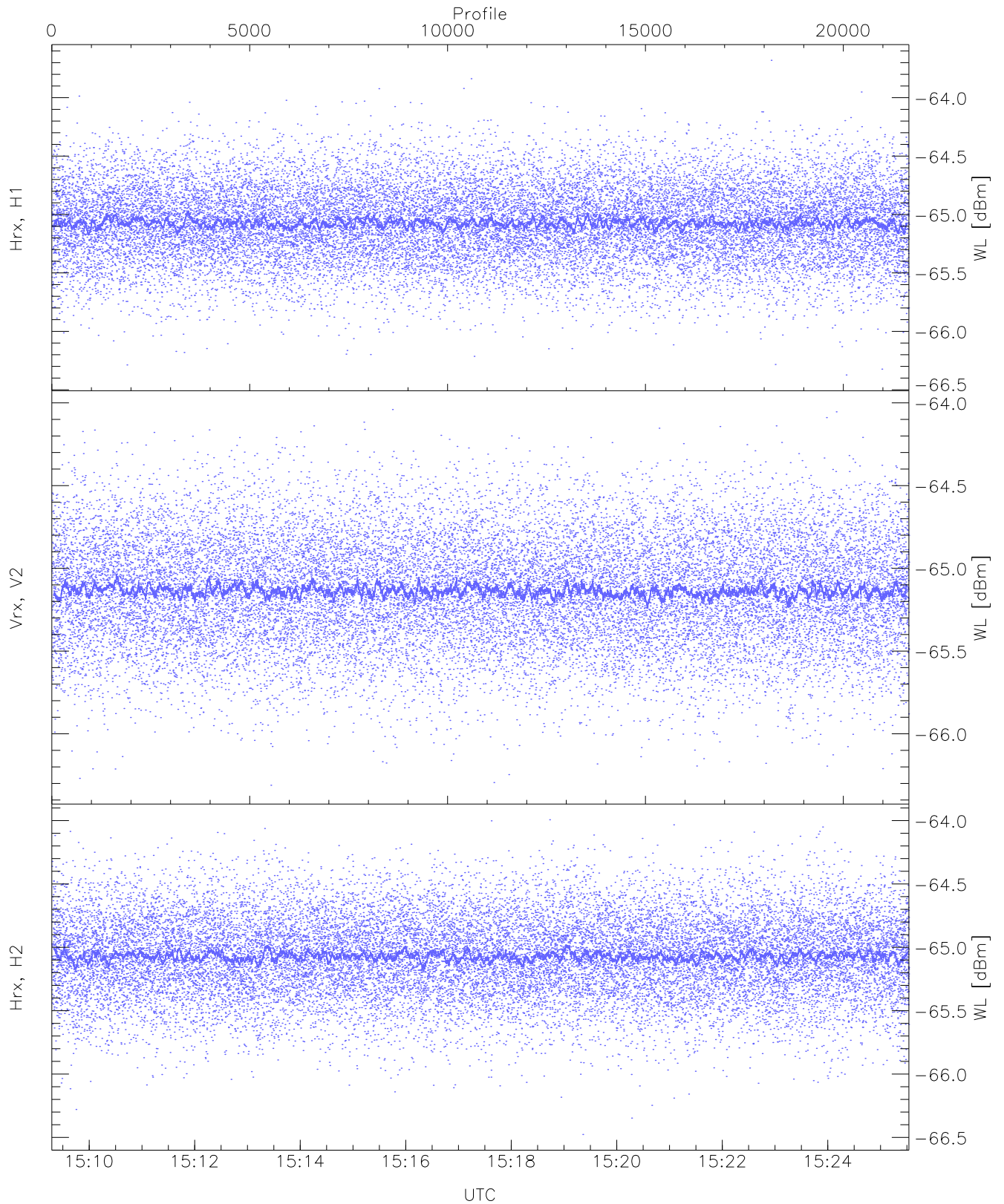
WCR3 CPP Receivers Gain and Noise Figure

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



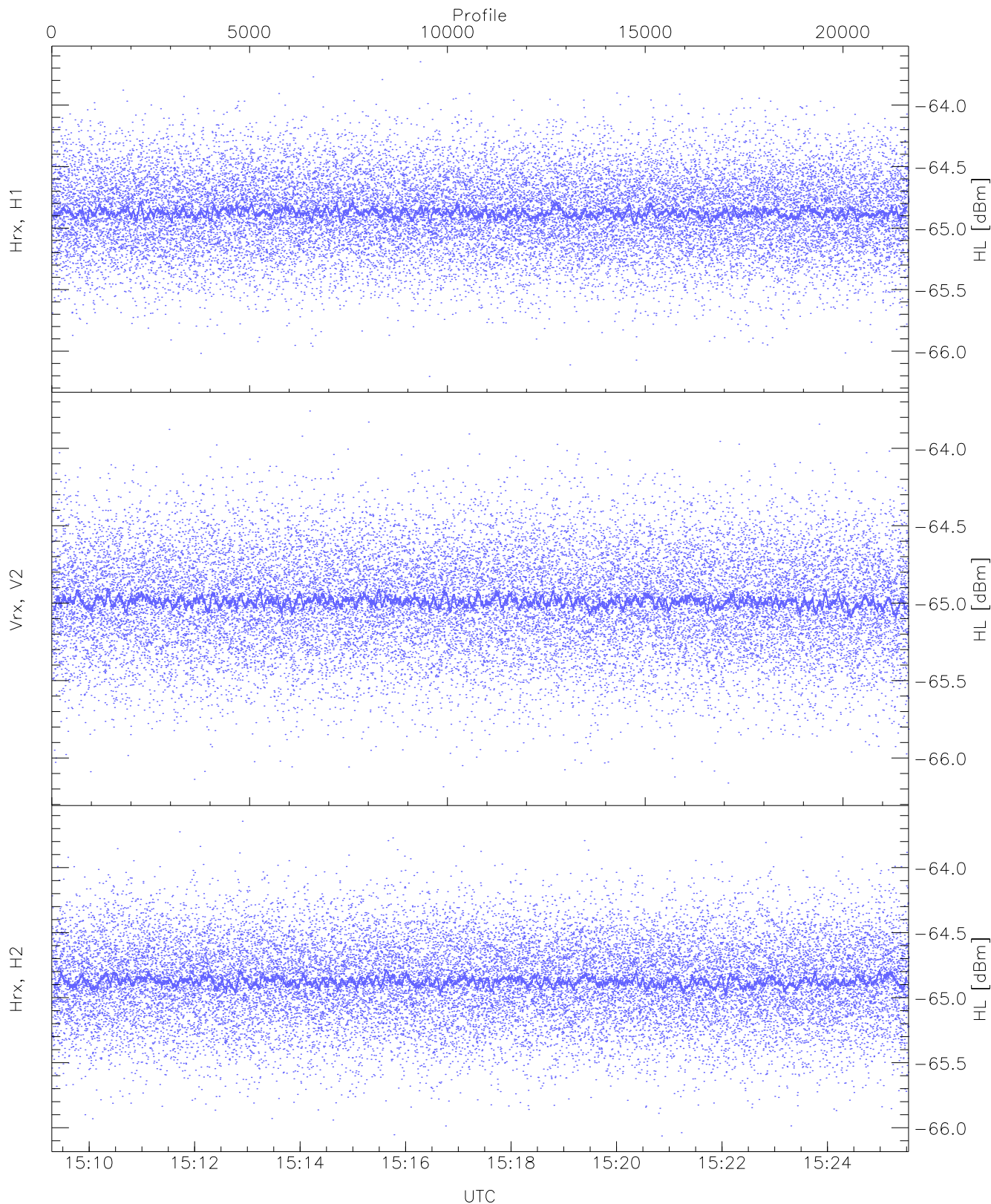
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.64	-65.40	-65.51	-65.51	-87.06
RMPHrxH1(std_dBm)	-76.26	-74.85	-75.53	-75.53	-89.35
RMPVrxV2(mean_dBm)	-65.36	-65.08	-65.21	-65.21	-86.41
RMPVrxV2(std_dBm)	-76.11	-74.54	-75.23	-75.23	-89.00
RMPHrxH2(mean_dBm)	-65.24	-64.97	-65.11	-65.11	-86.37
RMPHrxH2(std_dBm)	-75.84	-74.48	-75.12	-75.12	-88.90



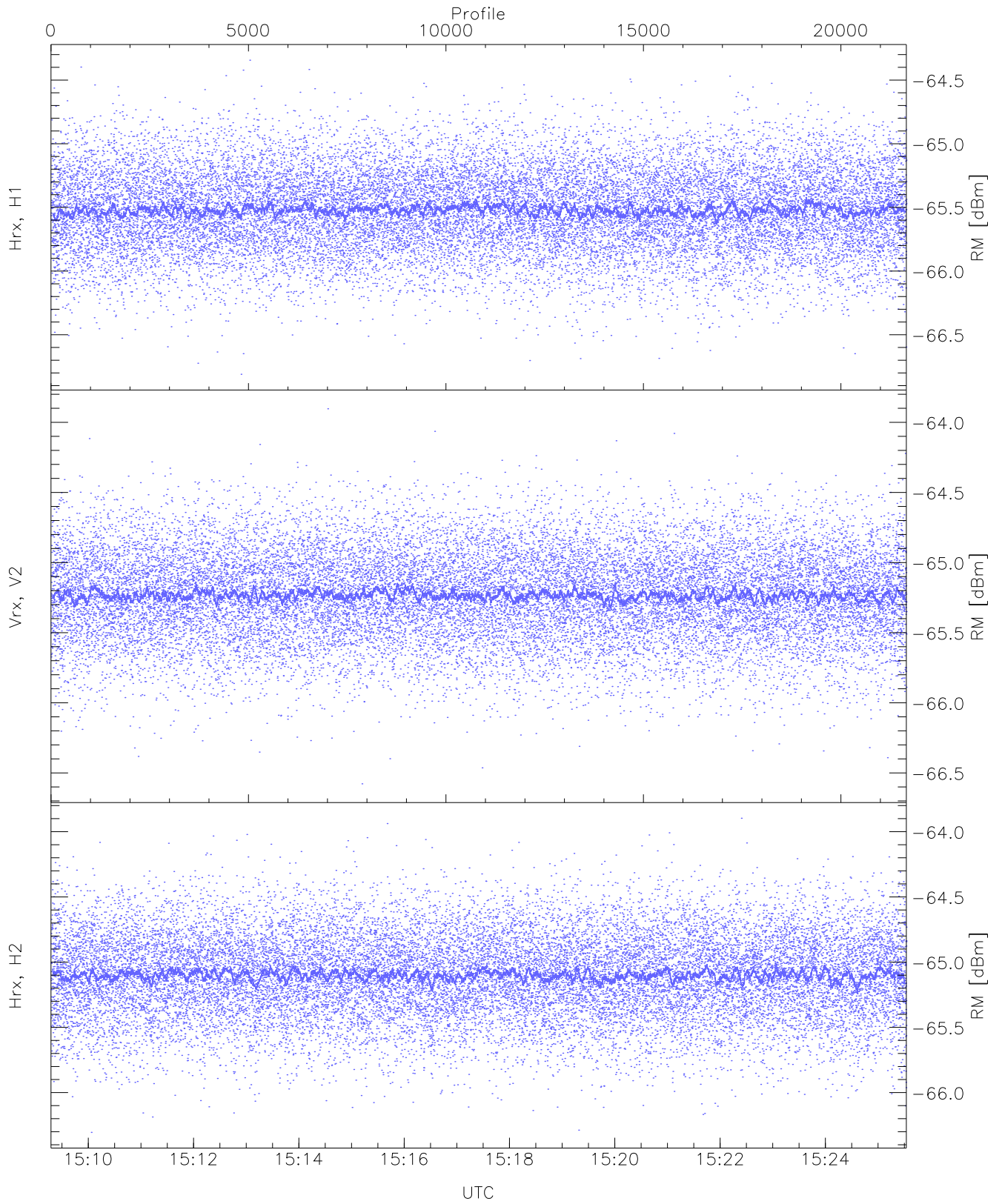
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.37	-63.68	-65.07	-65.07	-76.56
Vrx, V2 (WL [dBm])	-66.31	-64.04	-65.13	-65.14	-76.63
Hrx, H2 (WL [dBm])	-66.48	-63.99	-65.06	-65.07	-76.61



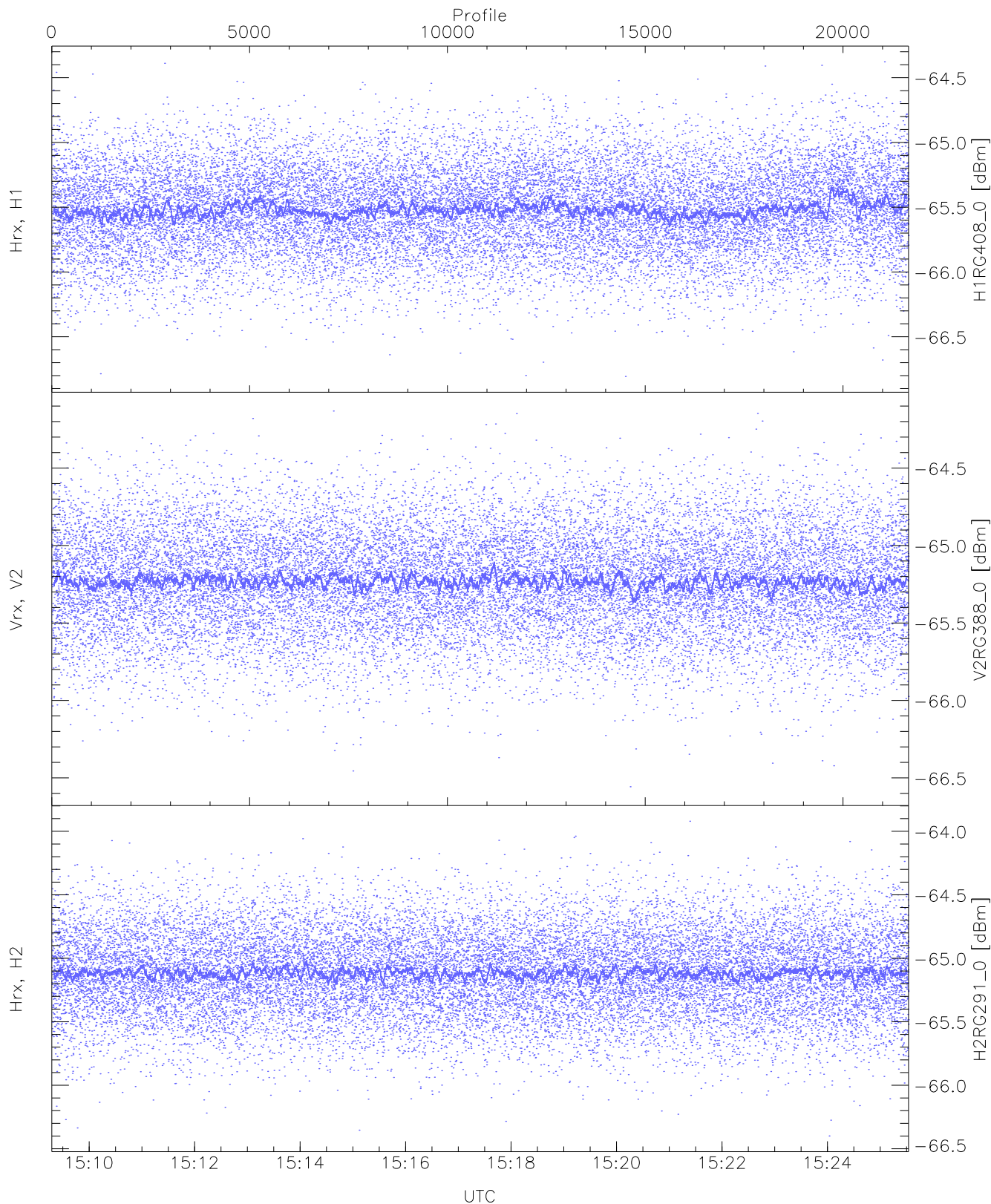
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.21	-63.65	-64.87	-64.88	-76.38
Vrx, V2 (HL [dBm])	-66.19	-63.76	-64.98	-64.99	-76.48
Hrx, H2 (HL [dBm])	-66.06	-63.64	-64.87	-64.87	-76.35



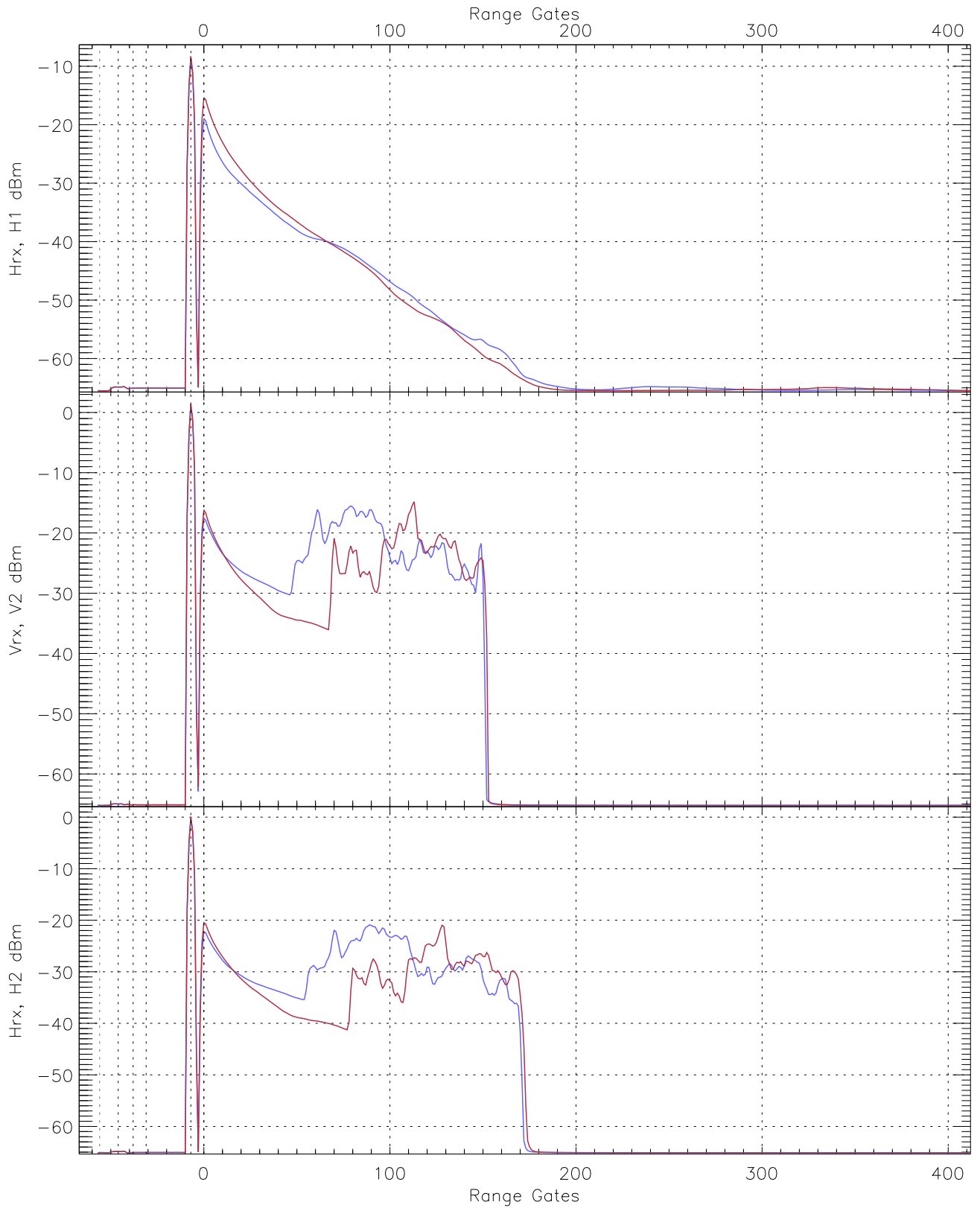
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.81	-64.34	-65.51	-65.52	-77.02
Vrx, V2 (RM [dBm])	-66.58	-63.90	-65.23	-65.23	-76.78
Hrx, H2 (RM [dBm])	-66.30	-63.90	-65.09	-65.10	-76.63

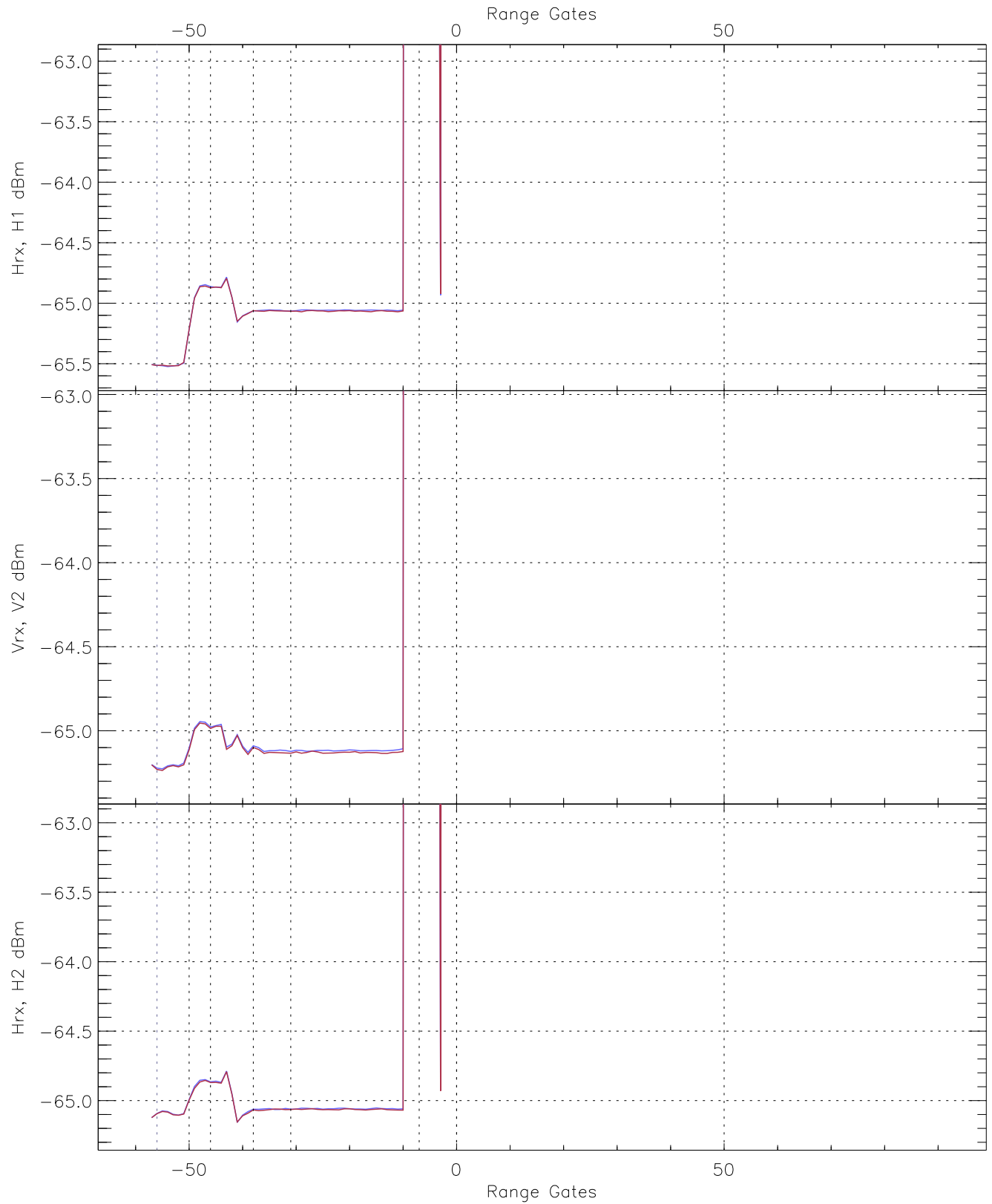


WCR3 CPP "Best" estimate Receivers Noise Power

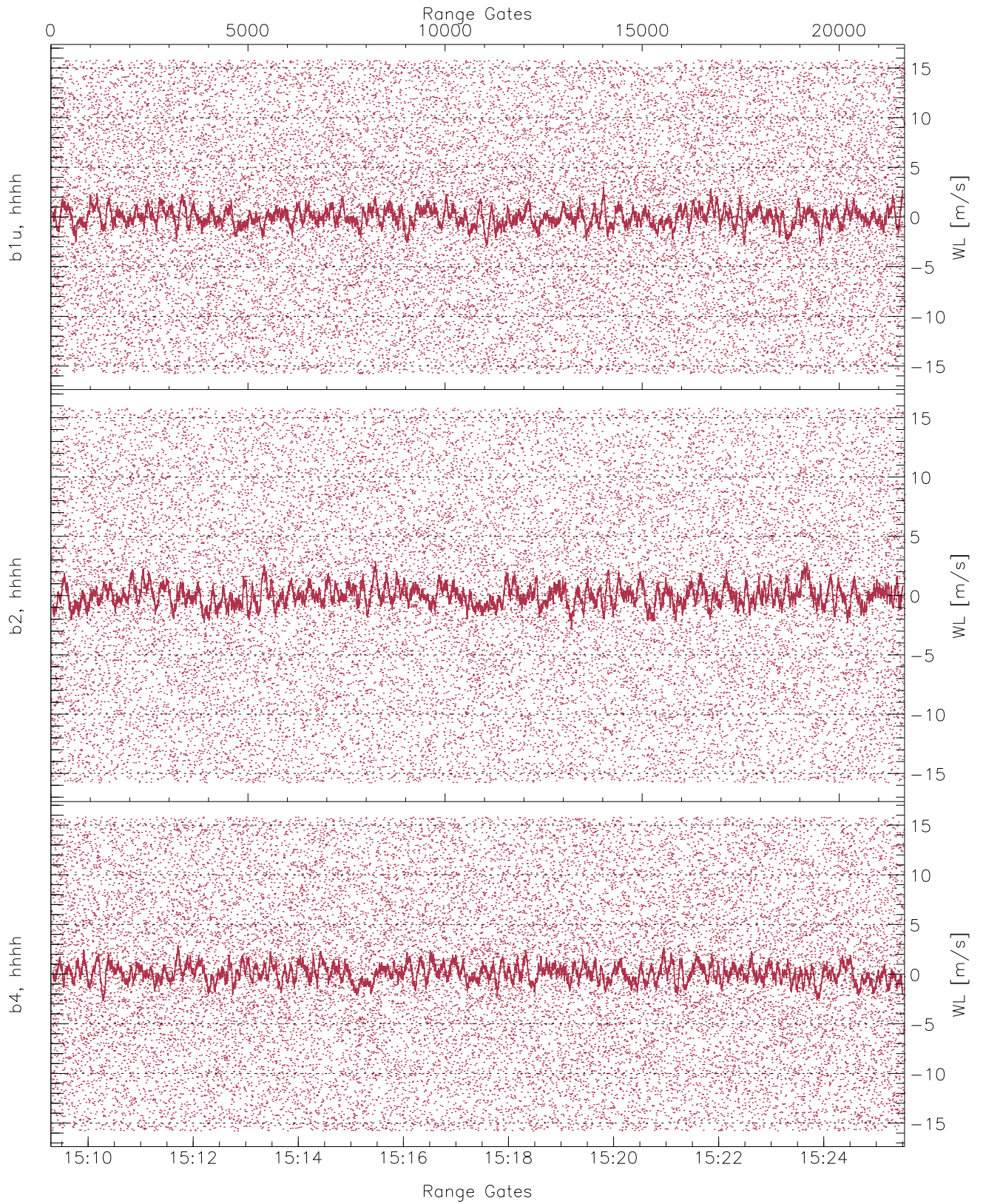
	Min	Max	Mean	Median	StDev
H1RG408_0 [dBm]	-66.81	-64.38	-65.51	-65.52	-76.98
V2RG388_0 [dBm]	-66.56	-64.13	-65.23	-65.23	-76.75
H2RG291_0 [dBm]	-66.40	-63.92	-65.11	-65.12	-76.60



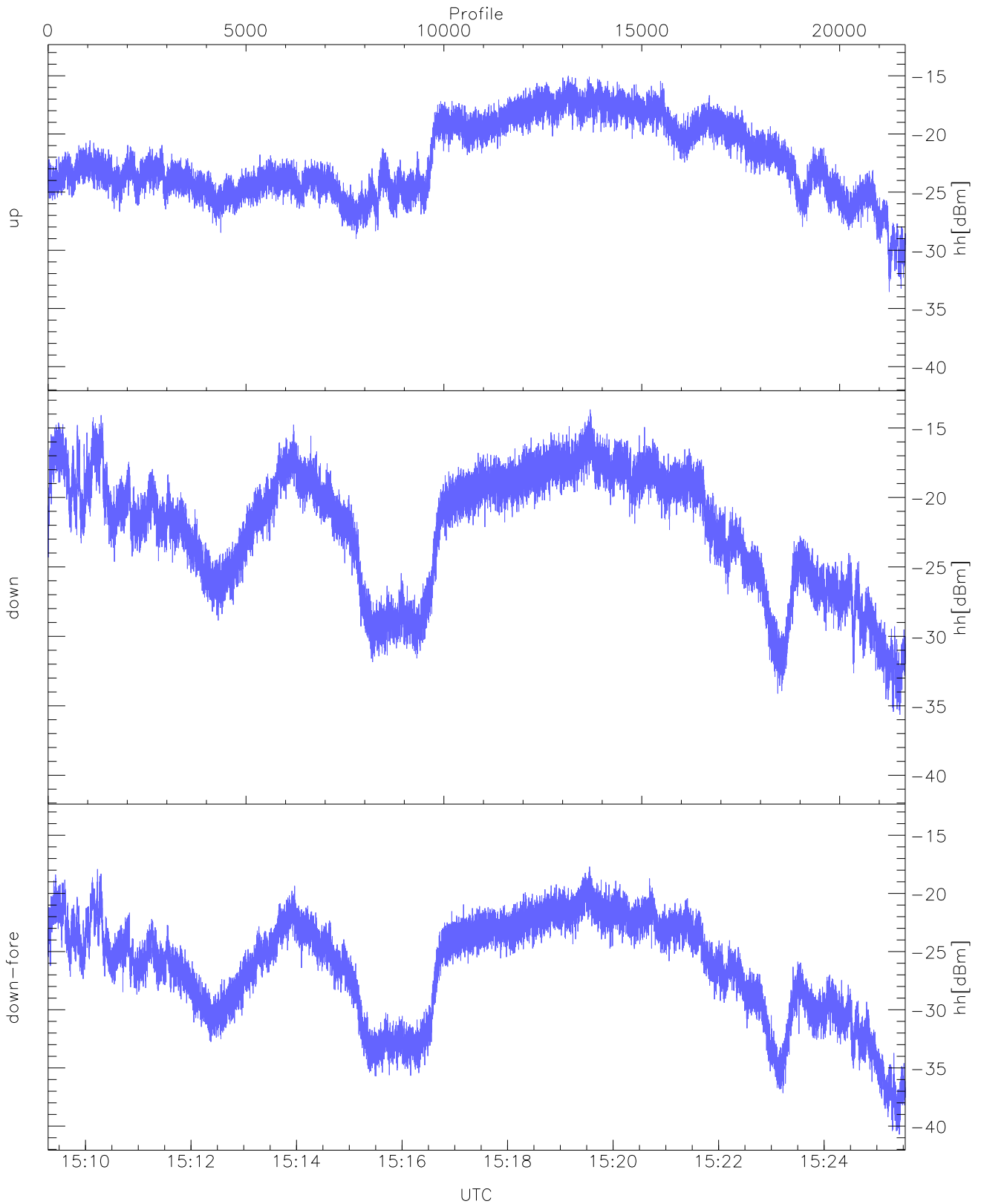
WCR3 CPP Averaged Received power for all recorded gates
blue: 150917-151725, 10830 profiles averaged
red: 151725-152532, 10829 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 150917-151725, 10830 profiles averaged
red: 151725-152532, 10829 profiles averaged

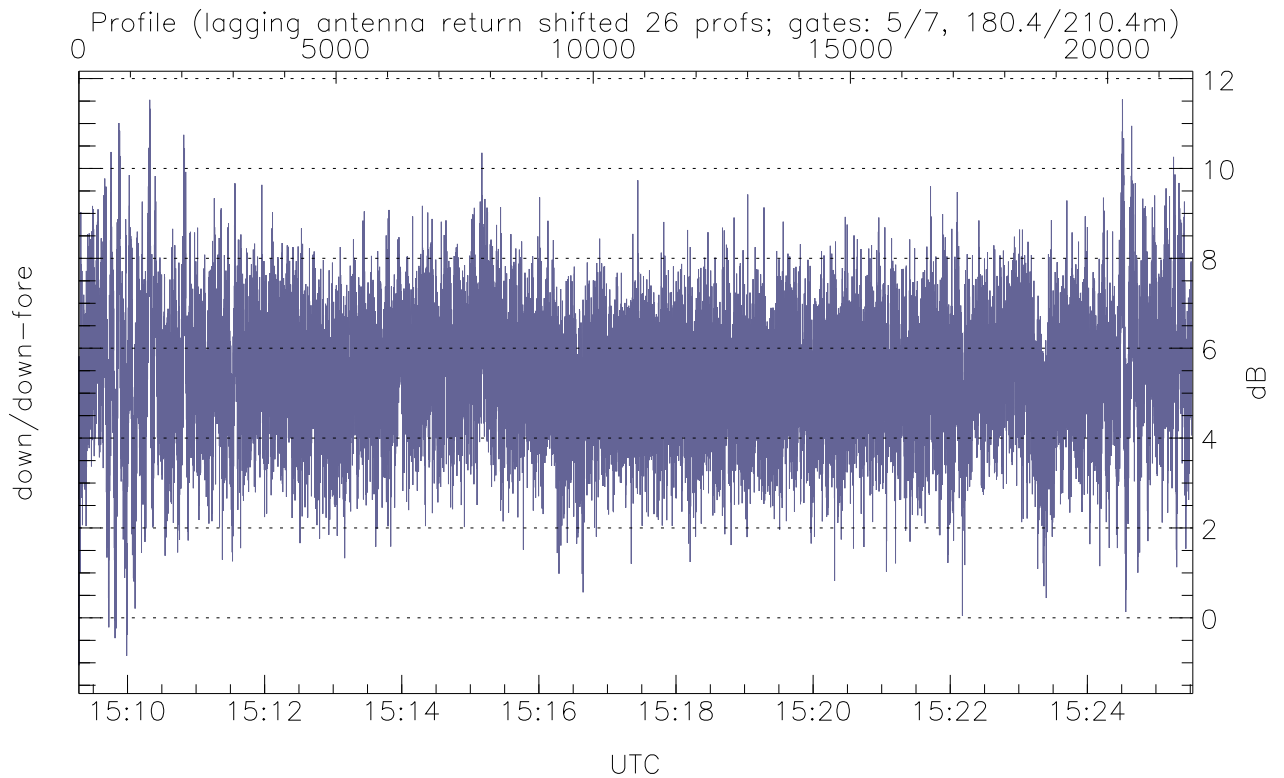
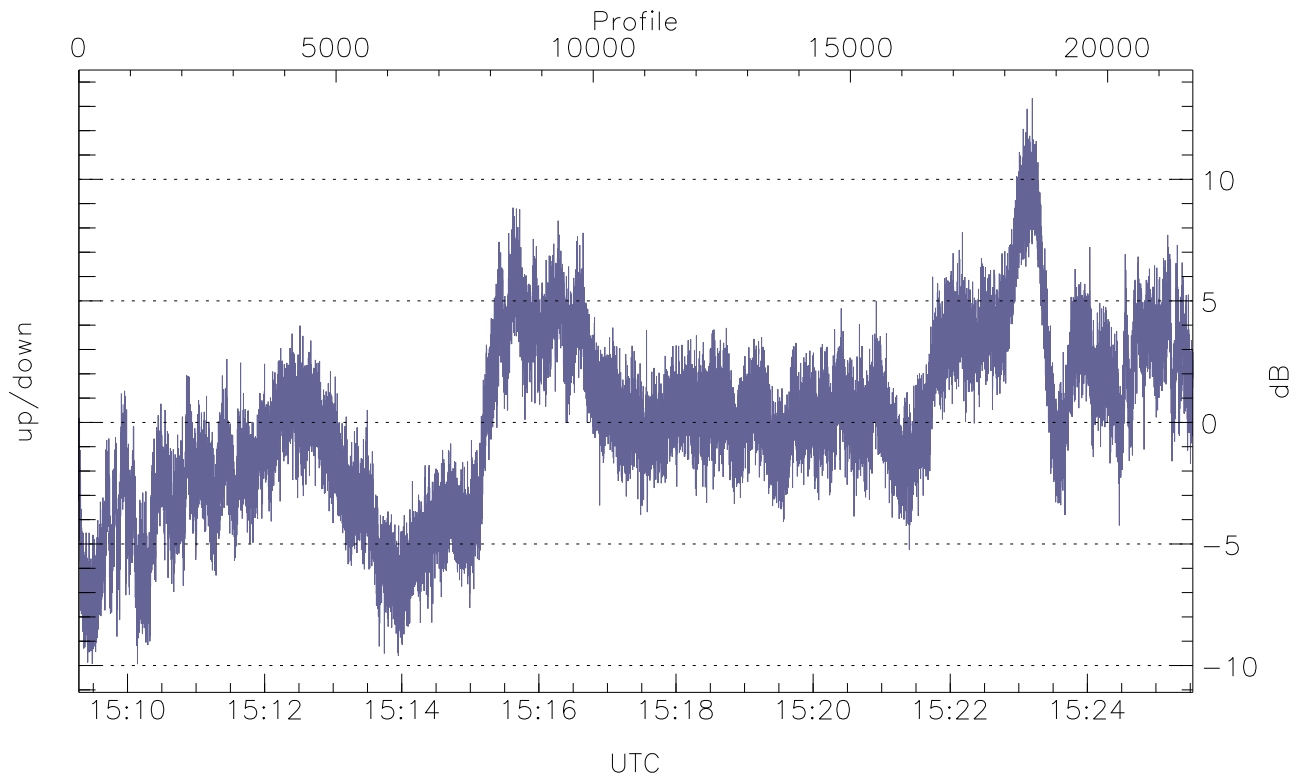


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



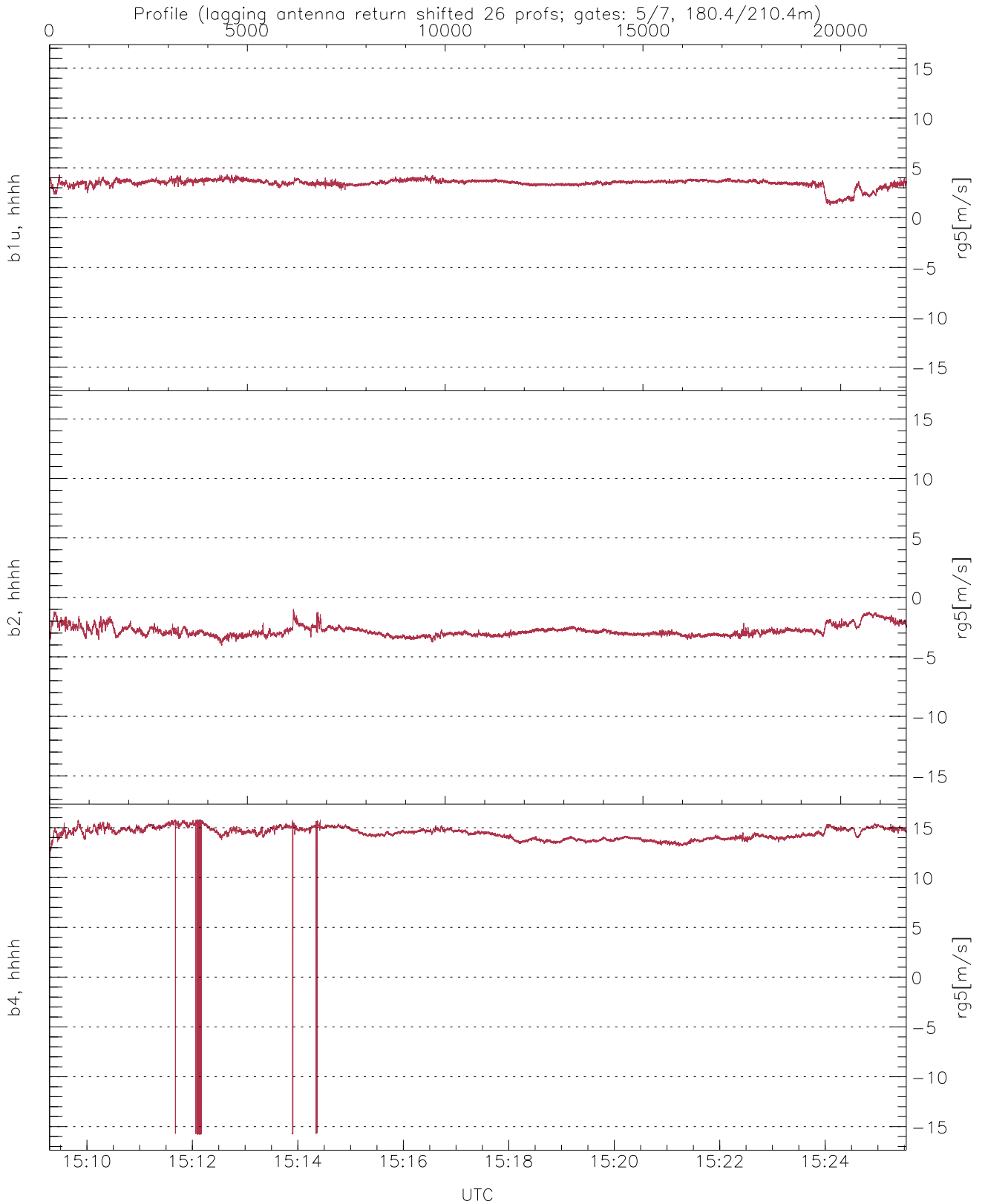
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-33.58	-14.99	-21.05
down(hh[dBm])	-35.65	-13.67	-20.52
down-fore(hh[dBm])	-40.72	-17.70	-24.65



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

	Min	Max	Mean
up/down (dB)	-9.94	13.33	0.06
down/down-fore (dB)	-1.06	11.53	5.37



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	1.24	4.35	3.46	0.43
b2, hhhh(rg5[m/s])	-4.07	-0.99	-2.82	0.45
b4, hhhh(rg5[m/s])	-15.79	15.79	14.37	1.47