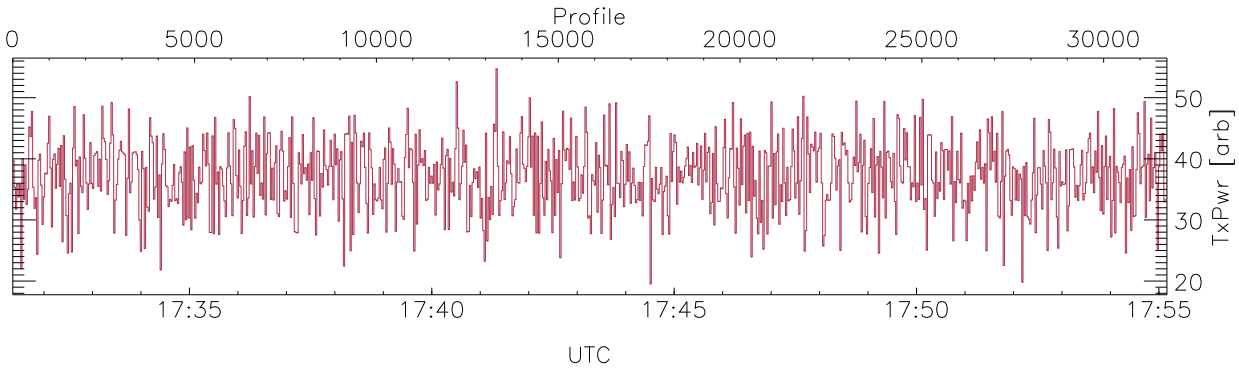
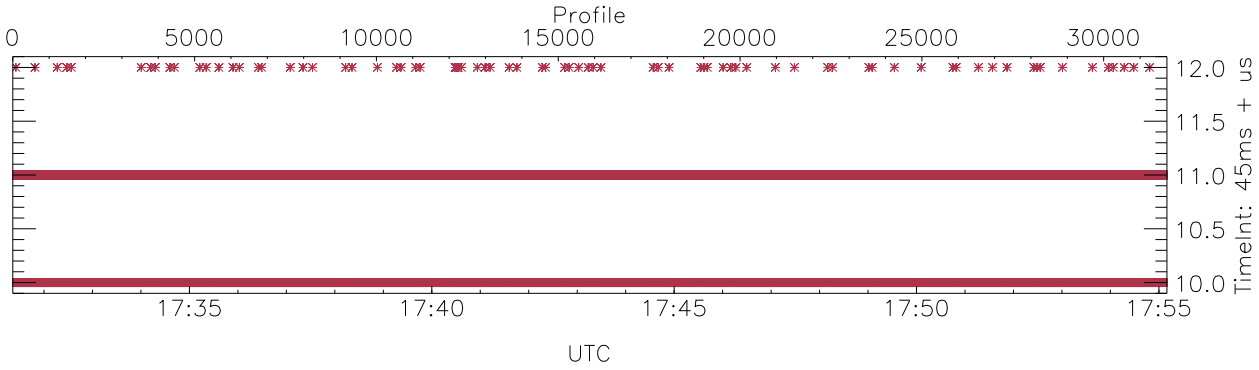
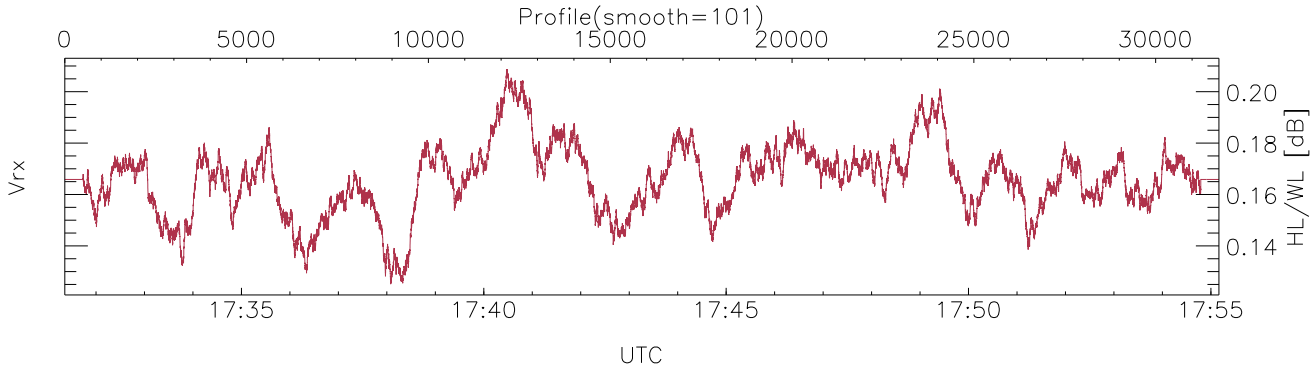
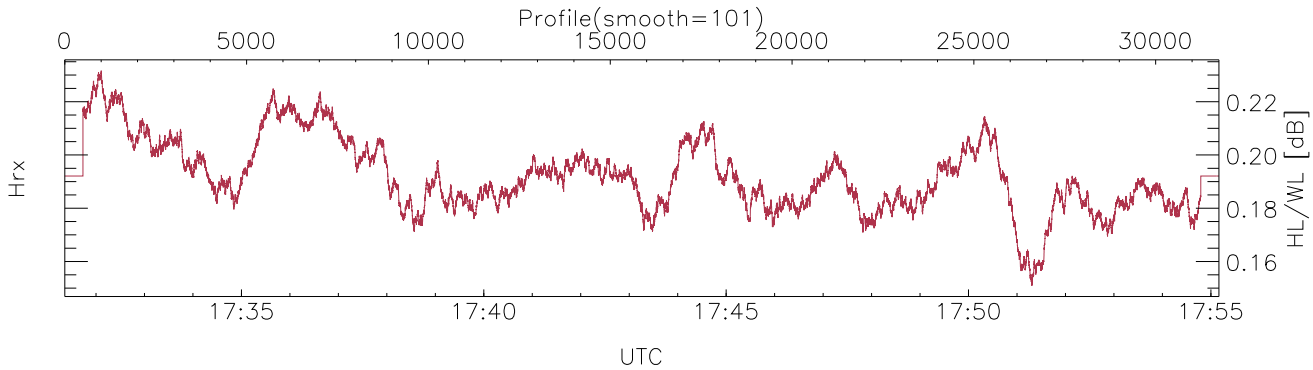


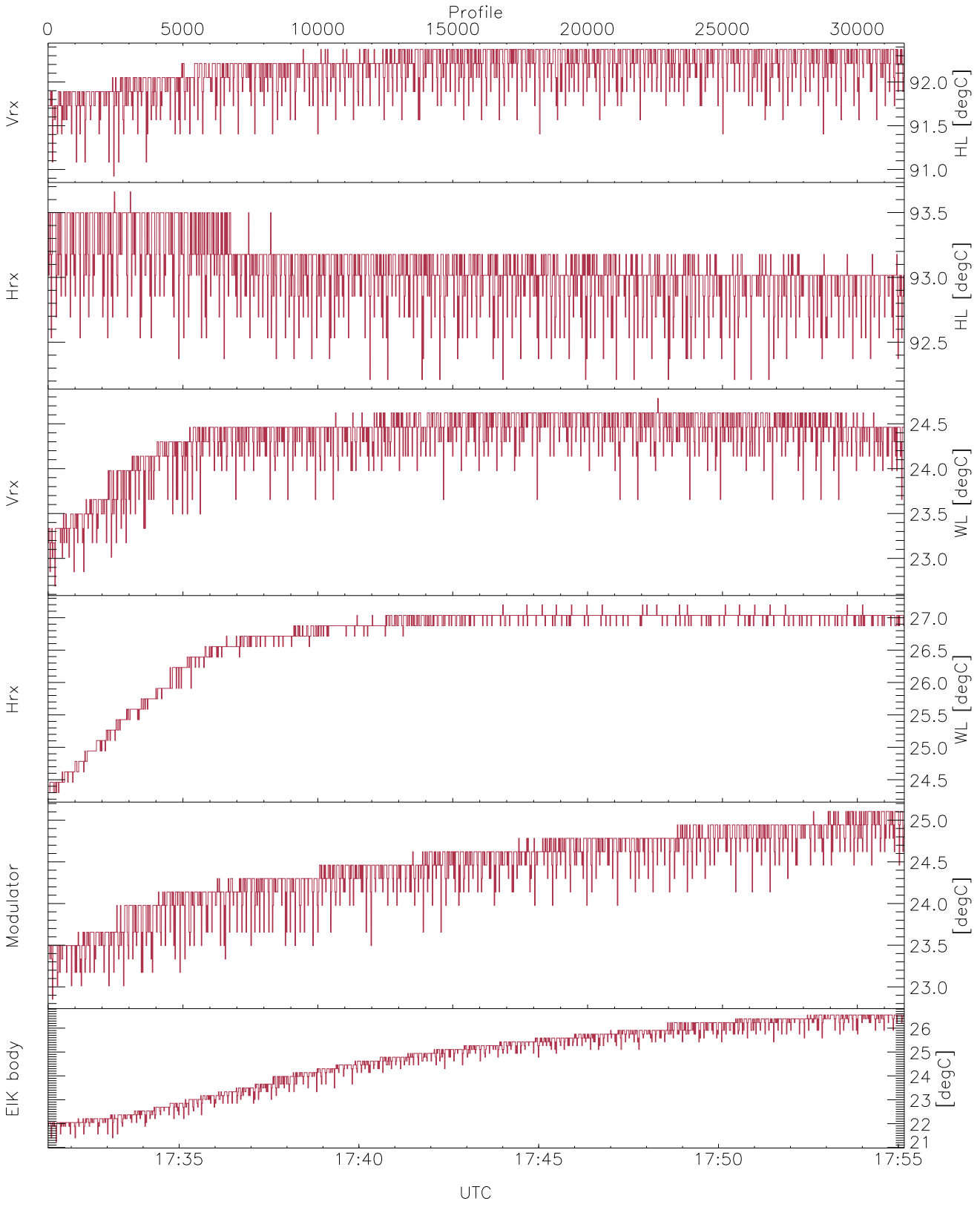






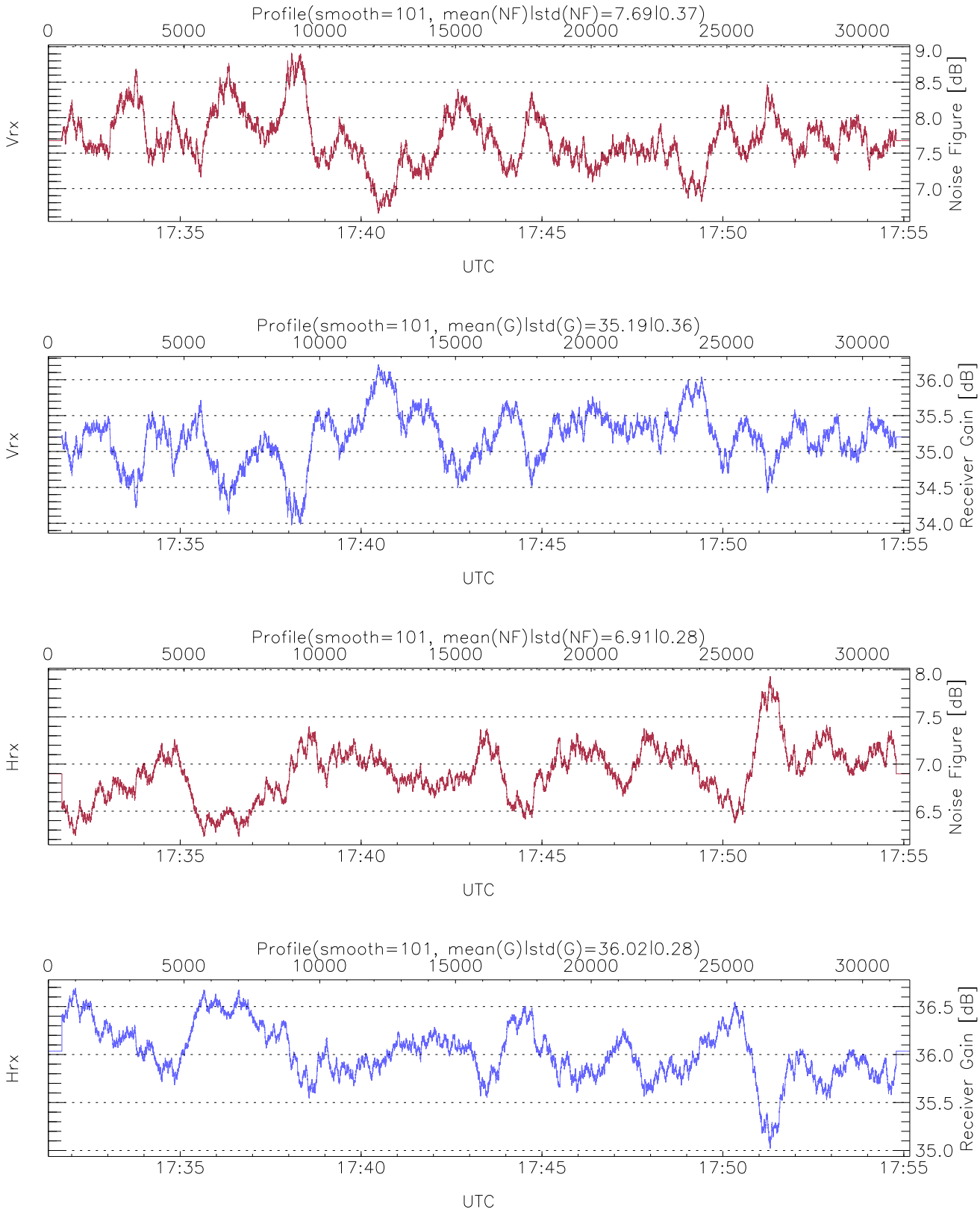
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:31:21-17:55:10, TimeCor: 0.00s, Dur: 1428.66s
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): 31741/31741, 0-31740/17:31:21-17:55:10
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,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1



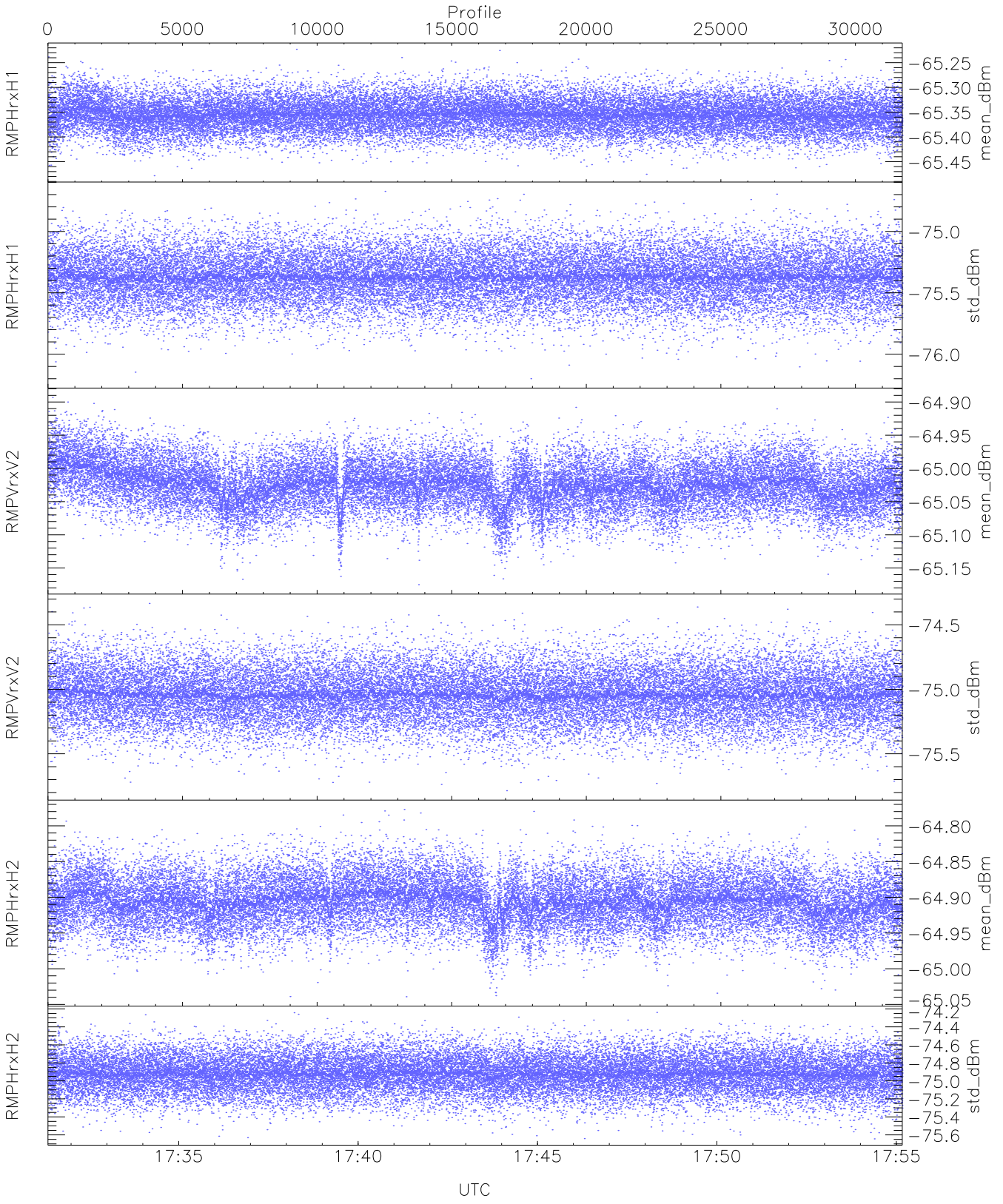
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,22,24,22,21
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,27,25,26
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (46,46,46,68,46,46)



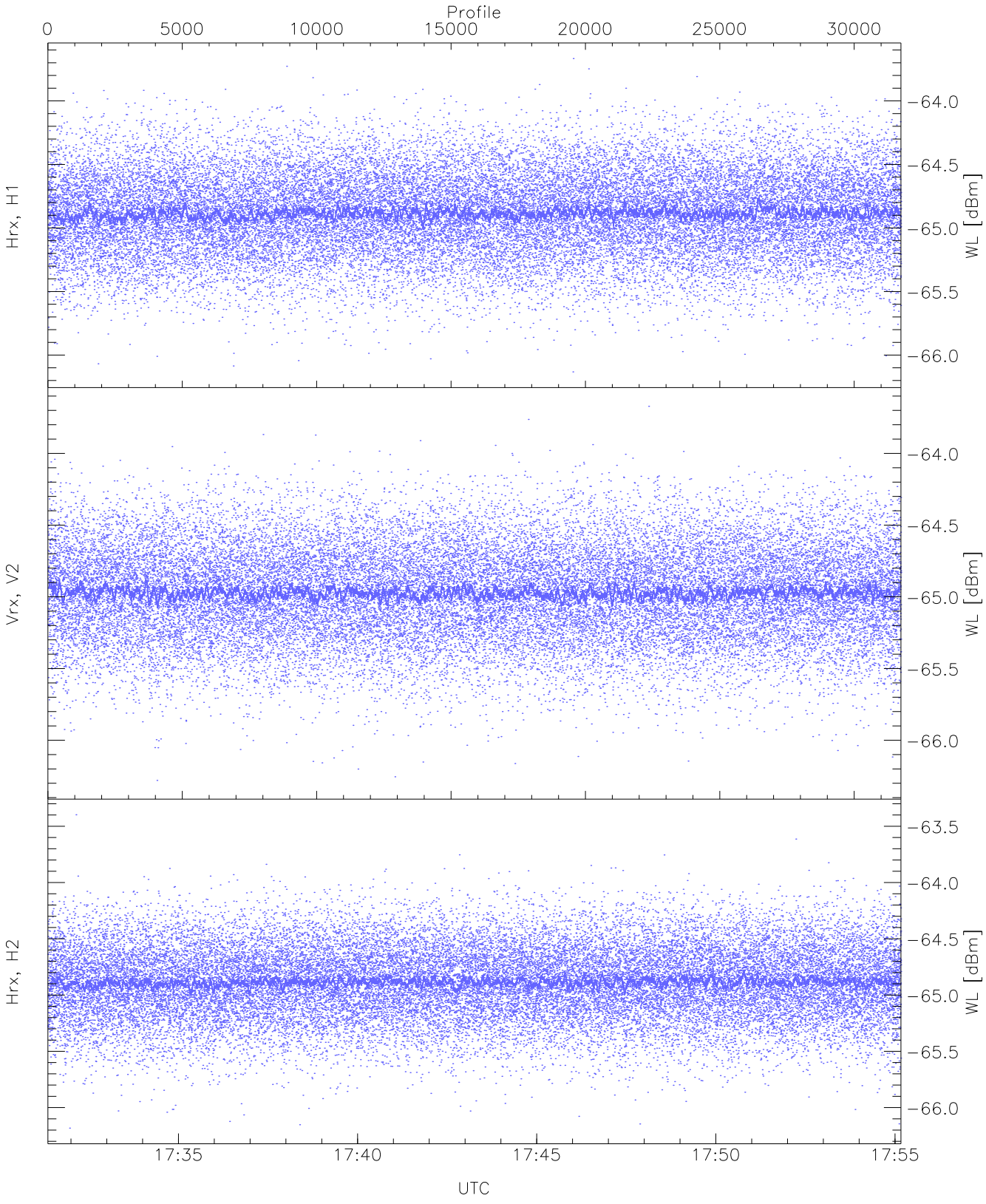
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 6 pixs, 1 gates, 6 profs, 1 prod(s)



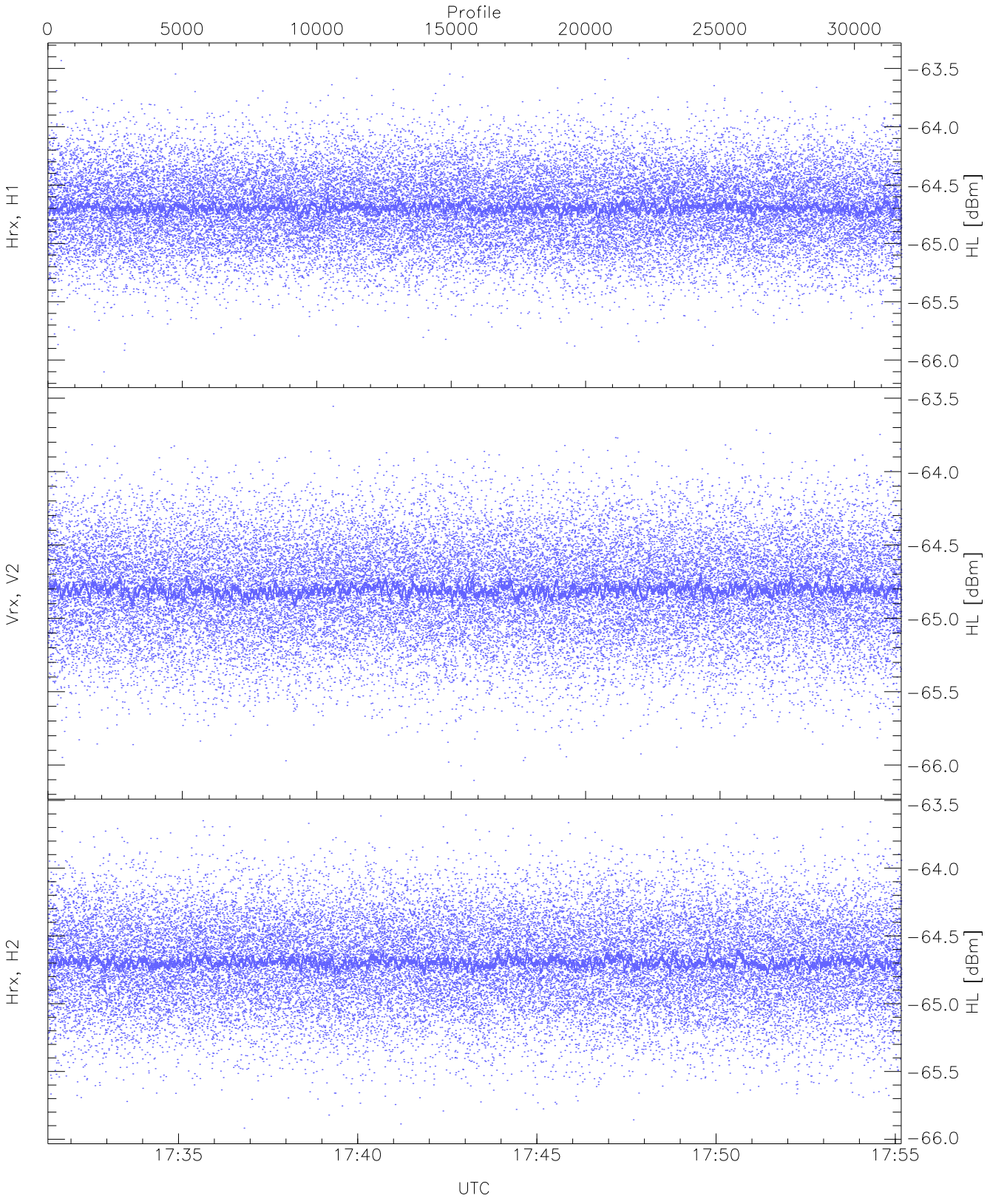
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.48	-65.22	-65.36	-65.36	-86.95
RMPHrxH1(std_dBm)	-76.20	-74.67	-75.37	-75.37	-89.15
RMPVrxV2(mean_dBm)	-65.18	-64.89	-65.02	-65.02	-86.16
RMPVrxV2(std_dBm)	-75.79	-74.33	-75.04	-75.04	-88.84
RMPHrxH2(mean_dBm)	-65.04	-64.78	-64.91	-64.91	-86.29
RMPHrxH2(std_dBm)	-75.64	-74.24	-74.92	-74.92	-88.69



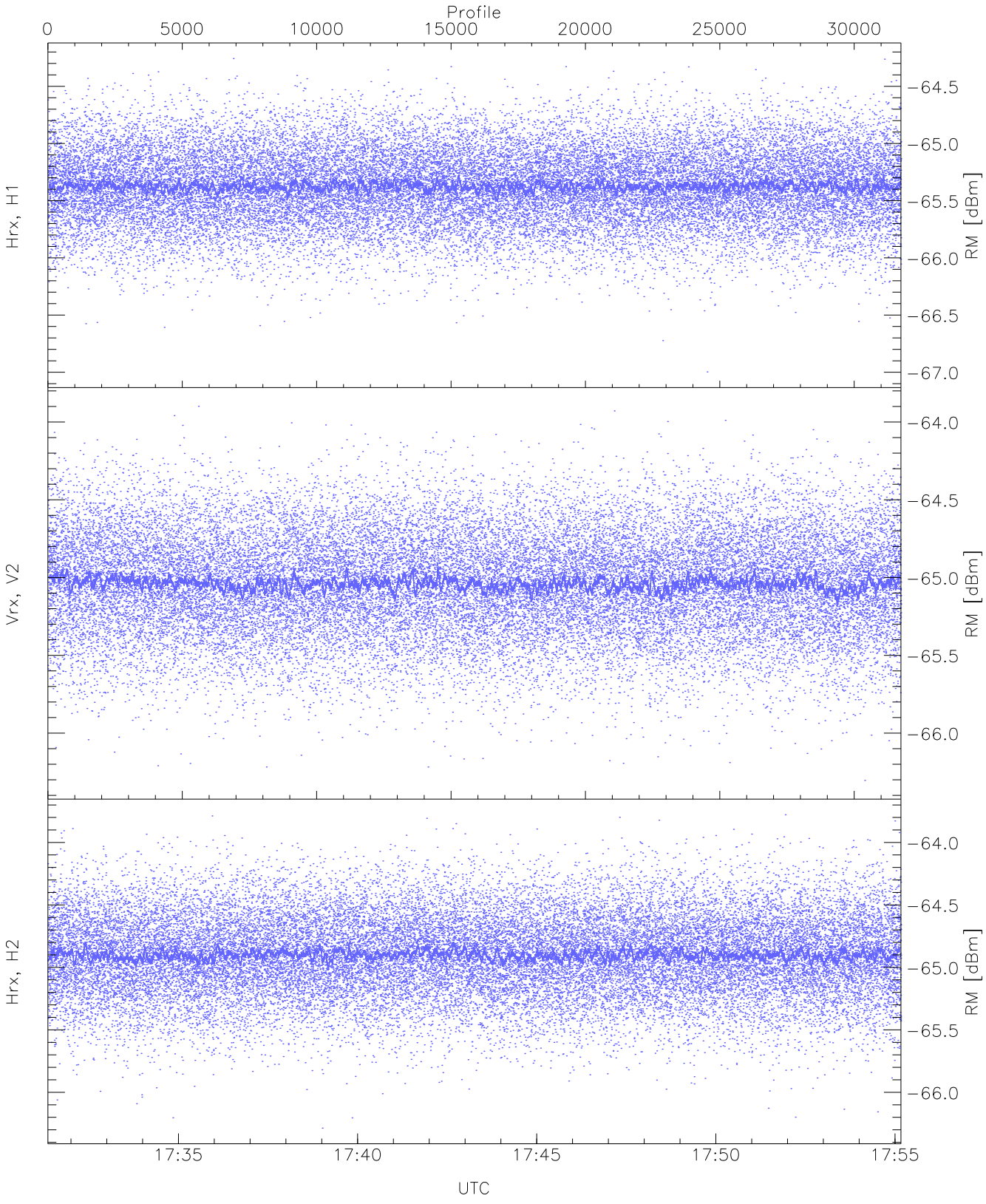
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.13	-63.67	-64.88	-64.89	-76.37
Vrx, V2(WL [dBm])	-66.28	-63.67	-64.97	-64.97	-76.49
Hrx, H2(WL [dBm])	-66.18	-63.40	-64.88	-64.89	-76.40



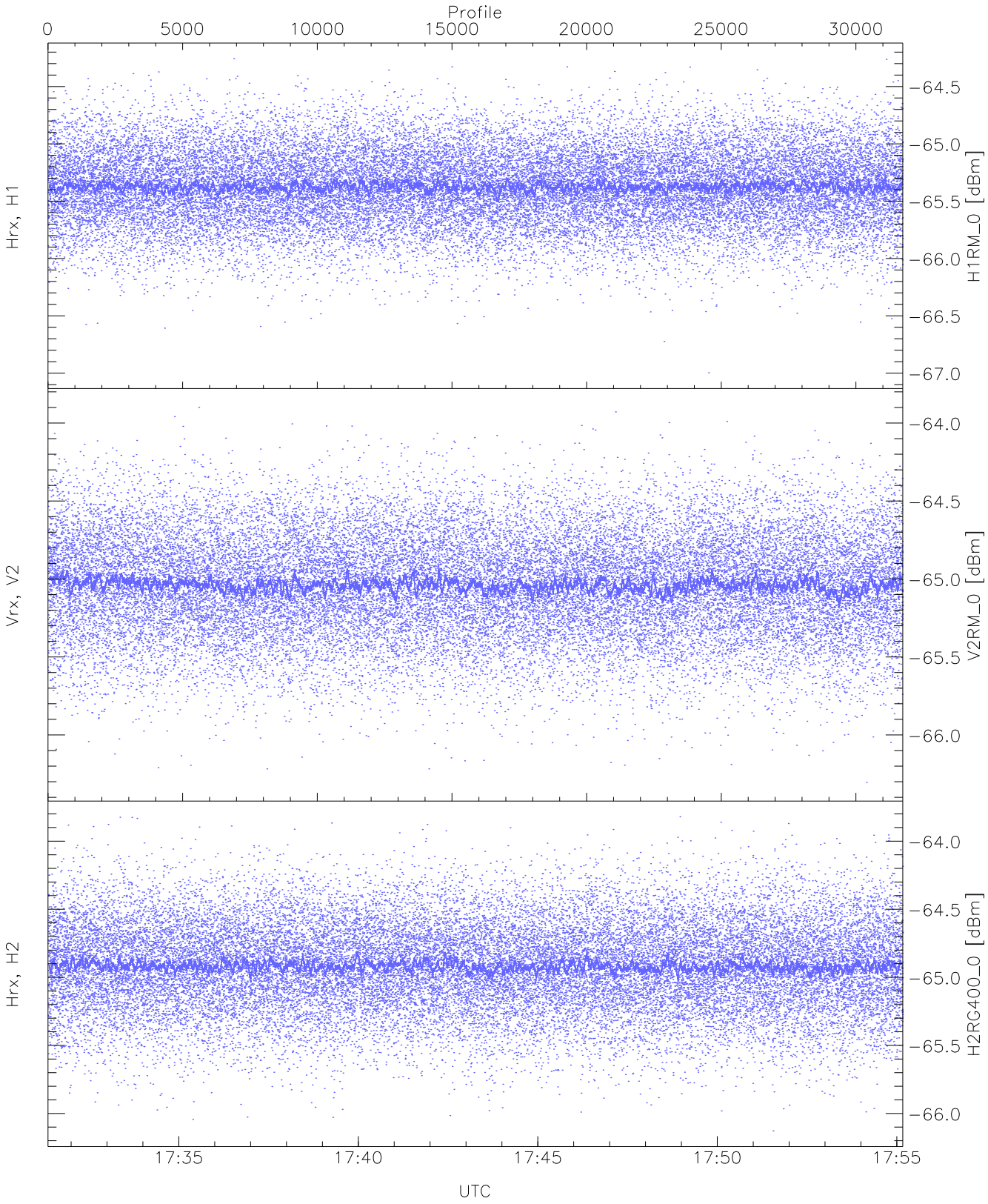
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.10	-63.42	-64.69	-64.69	-76.22
Vrx, V2(HL [dBm])	-66.10	-63.55	-64.80	-64.80	-76.30
Hrx, H2(HL [dBm])	-65.92	-63.61	-64.69	-64.70	-76.19



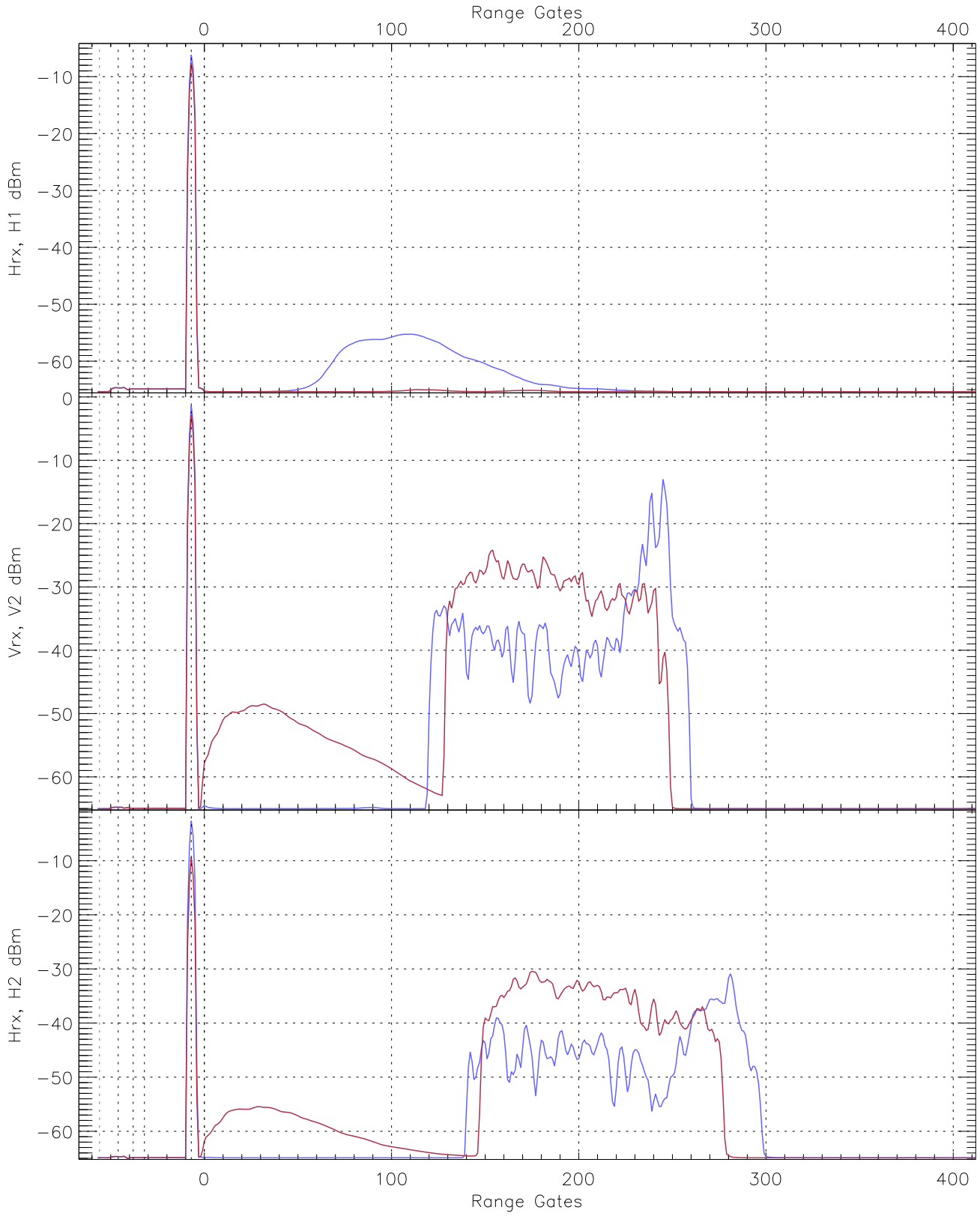
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-67.00	-64.26	-65.37	-65.38	-76.85
Vrx, V2(RM [dBm])	-66.30	-63.90	-65.03	-65.04	-76.52
Hrx, H2(RM [dBm])	-66.29	-63.78	-64.89	-64.90	-76.38

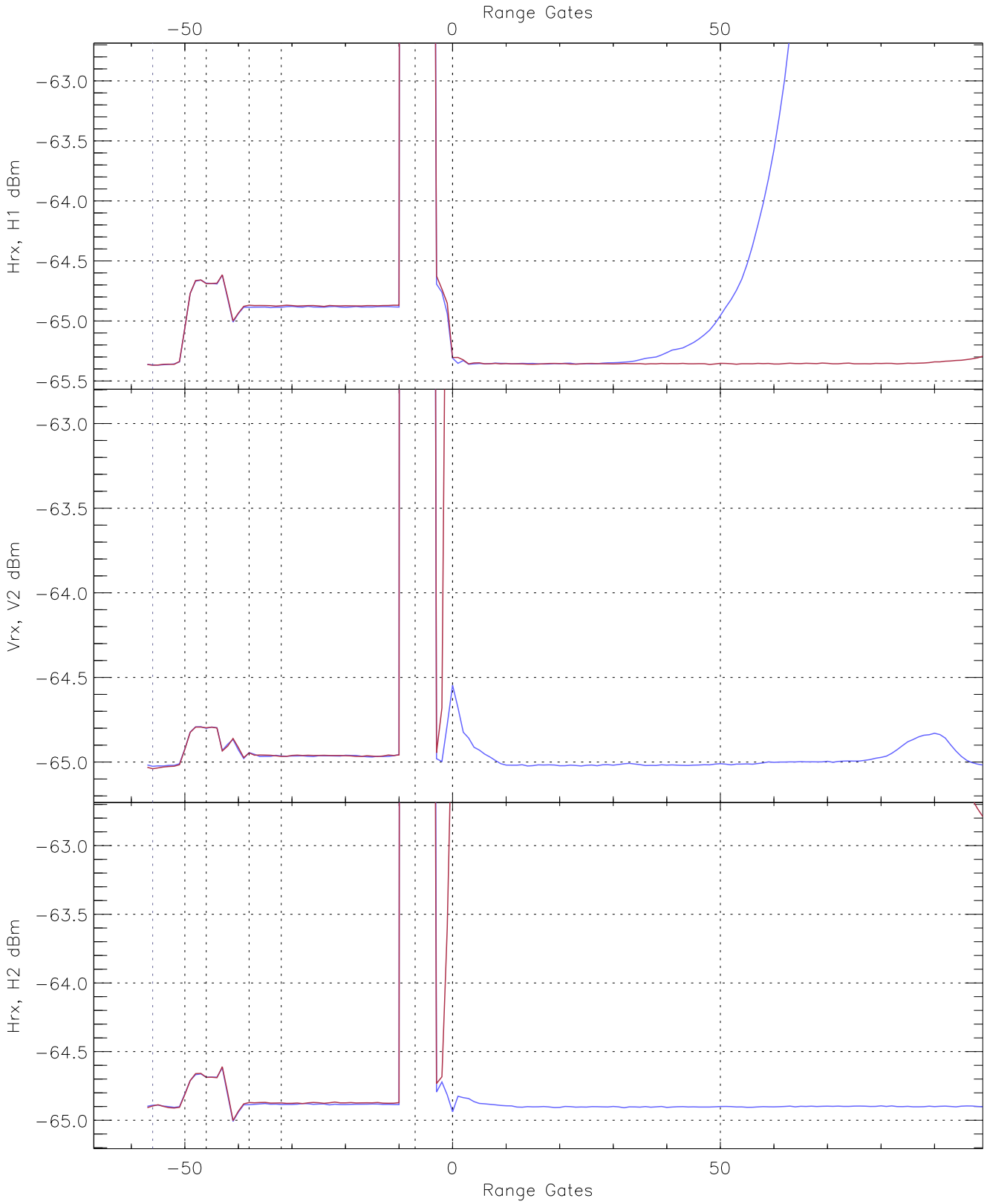


WCR3 CPP "Best" estimate Receivers Noise Power

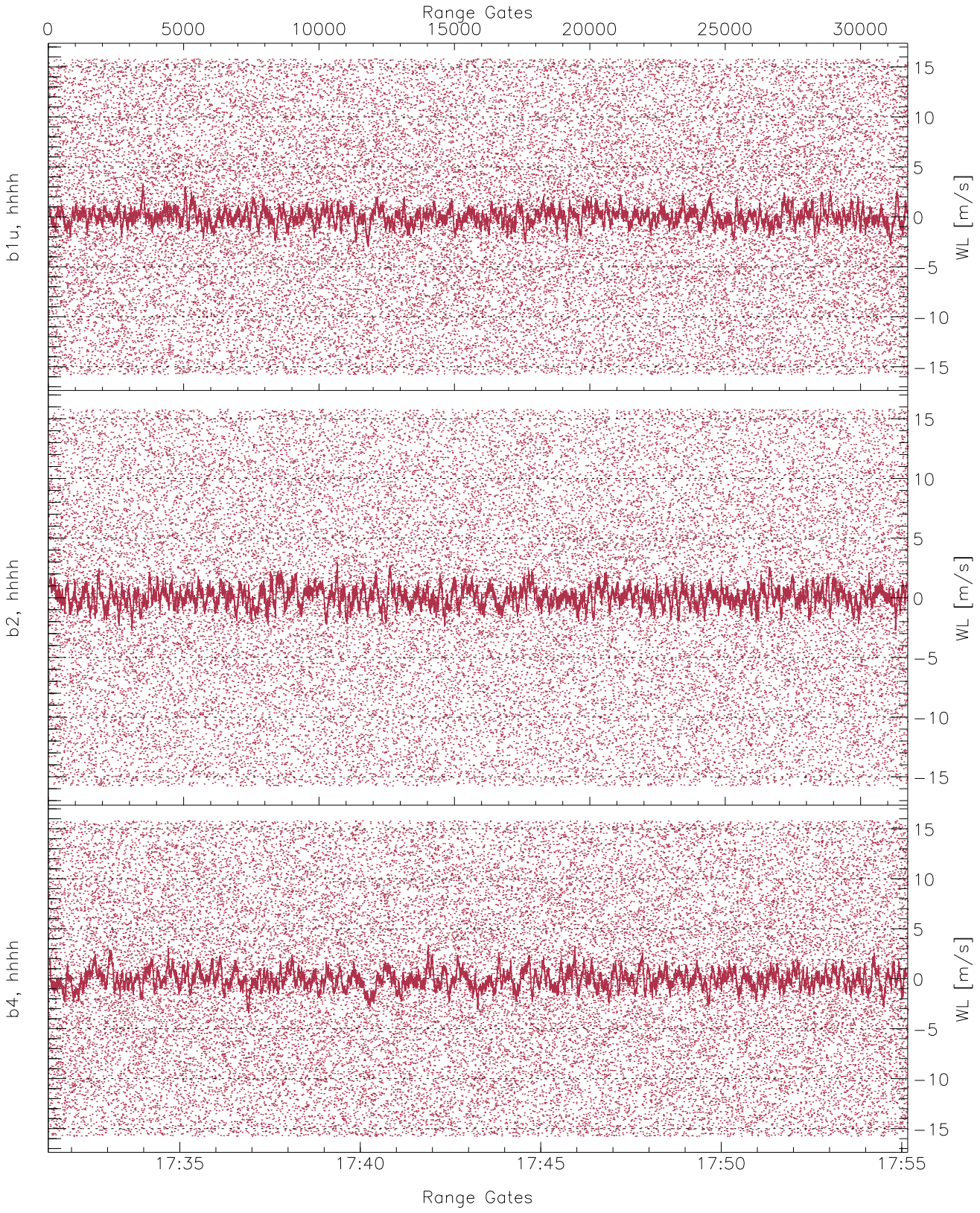
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-67.00	-64.26	-65.37	-65.38	-76.85
V2RM_0 [dBm]	-66.30	-63.90	-65.03	-65.04	-76.52
H2RG400_0 [dBm]	-66.13	-63.82	-64.91	-64.92	-76.43



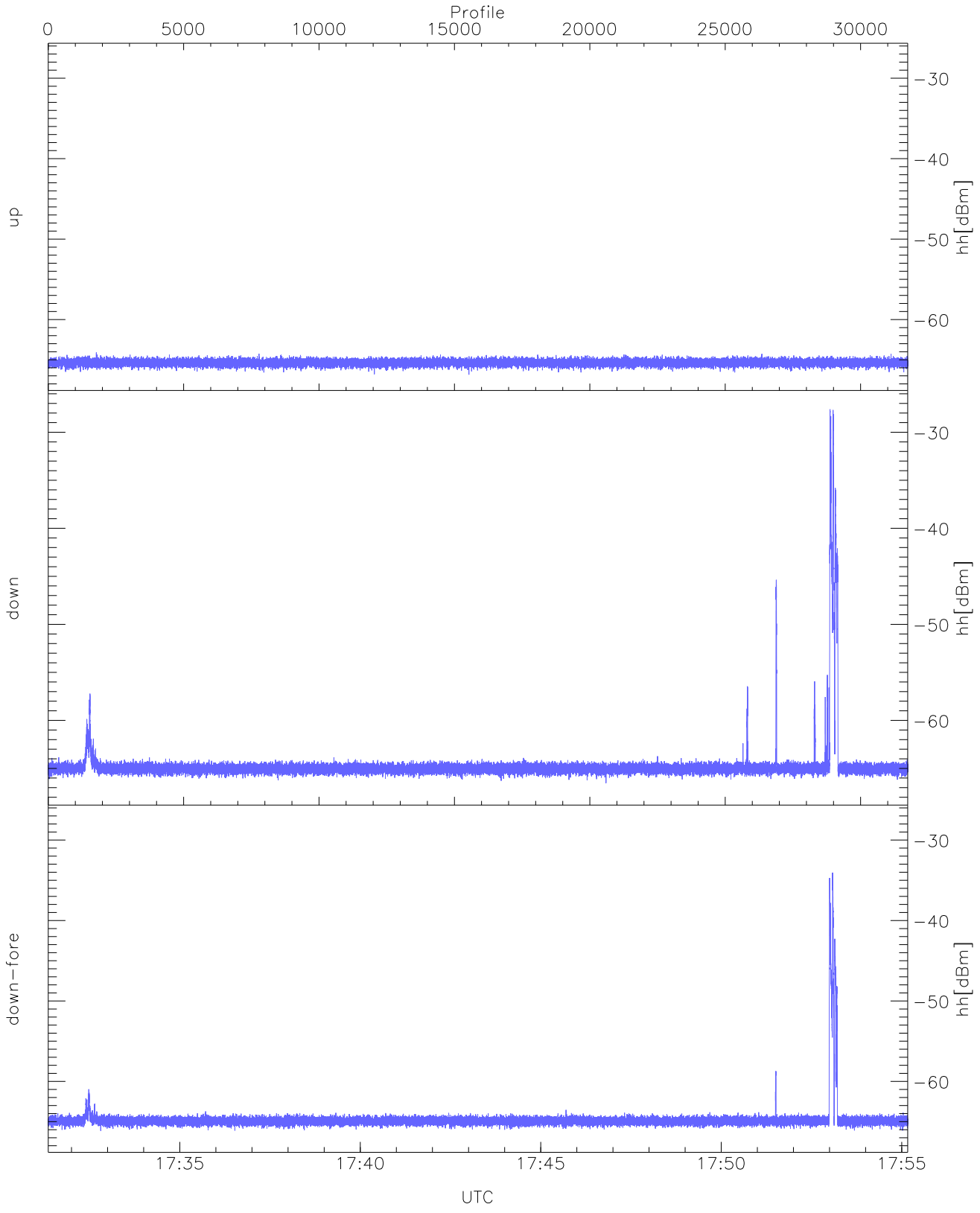
WCR3 CPP Averaged Received power for all recorded gates
blue: 173121-174316, 15871 profiles averaged
red: 174316-175510, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 173121-174316, 15871 profiles averaged
red: 174316-175510, 15871 profiles averaged

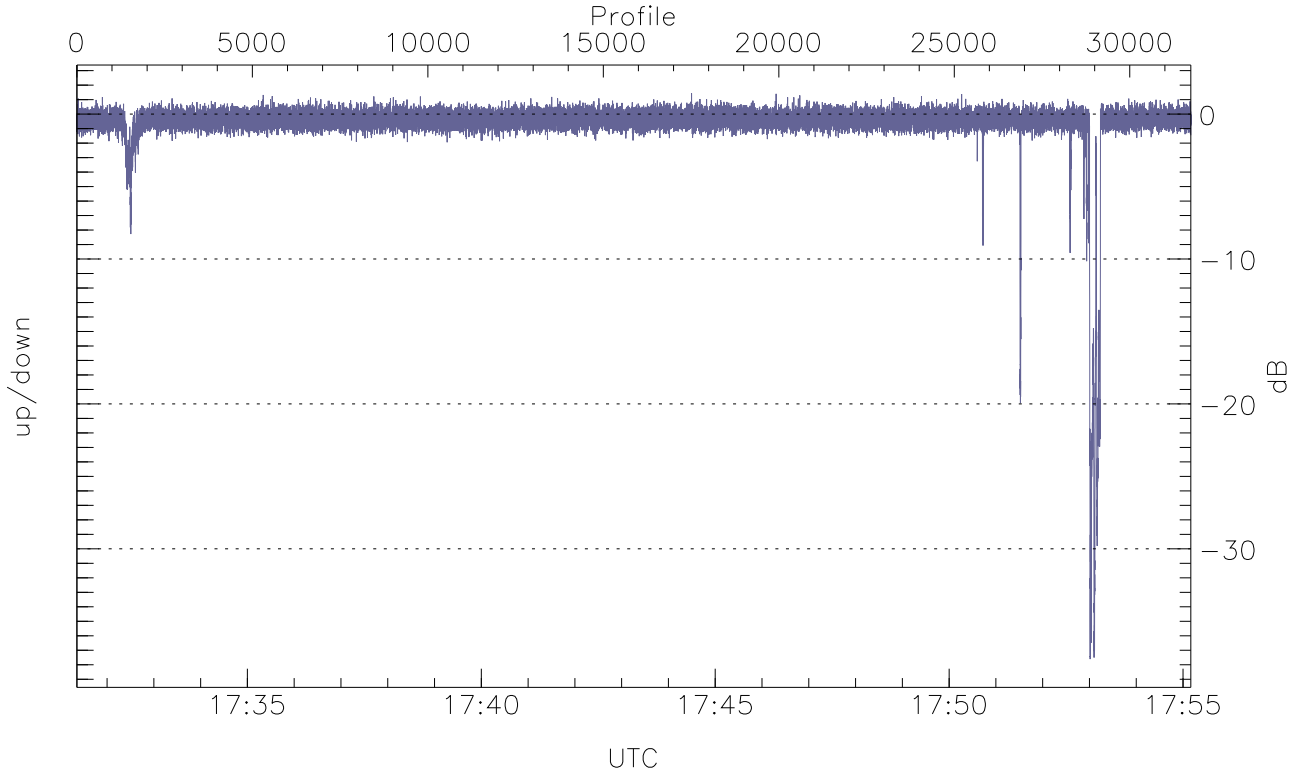


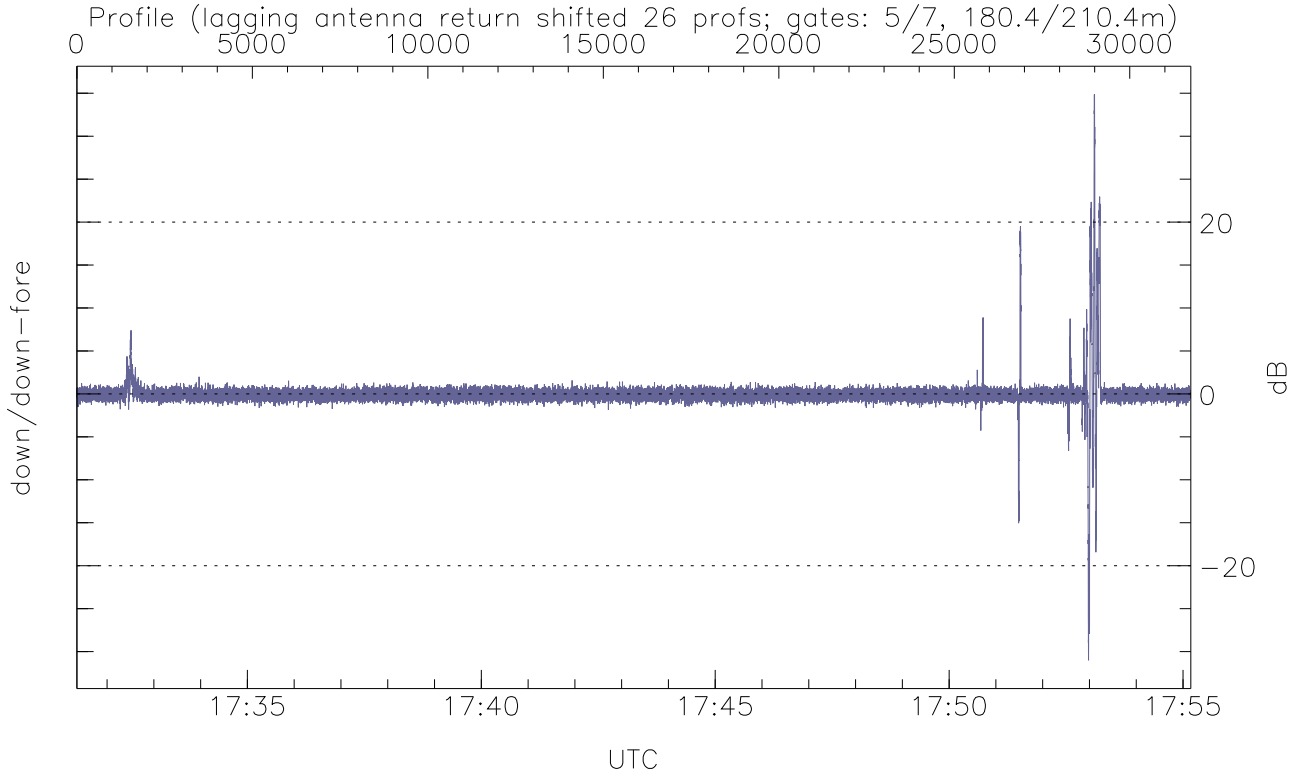
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

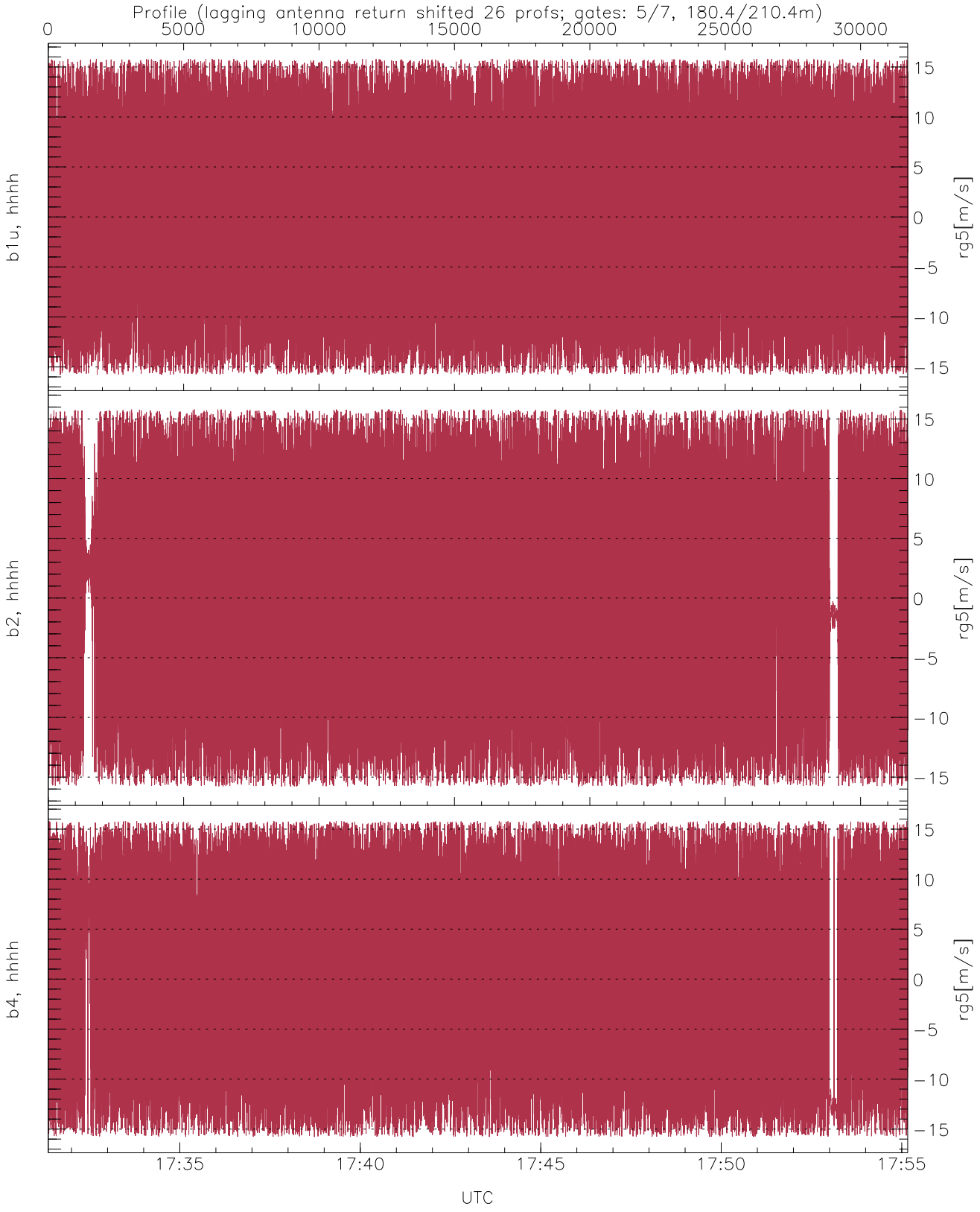
	Min	Max	Mean
up(hh[dBm])	-66.85	-64.09	-65.35
down(hh[dBm])	-66.53	-27.61	-56.58
down-fore(hh[dBm])	-66.14	-34.05	-61.27





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

	Min	Max	Mean
up/down(dB)	-37.61	1.44	-0.61
down/down-fore(dB)	-31.01	34.85	-0.04



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	-0.04	8.75
b2, hhhh(rg5[m/s])	-15.78	15.79	0.04	8.65
b4, hhhh(rg5[m/s])	-15.78	15.79	-0.08	8.73