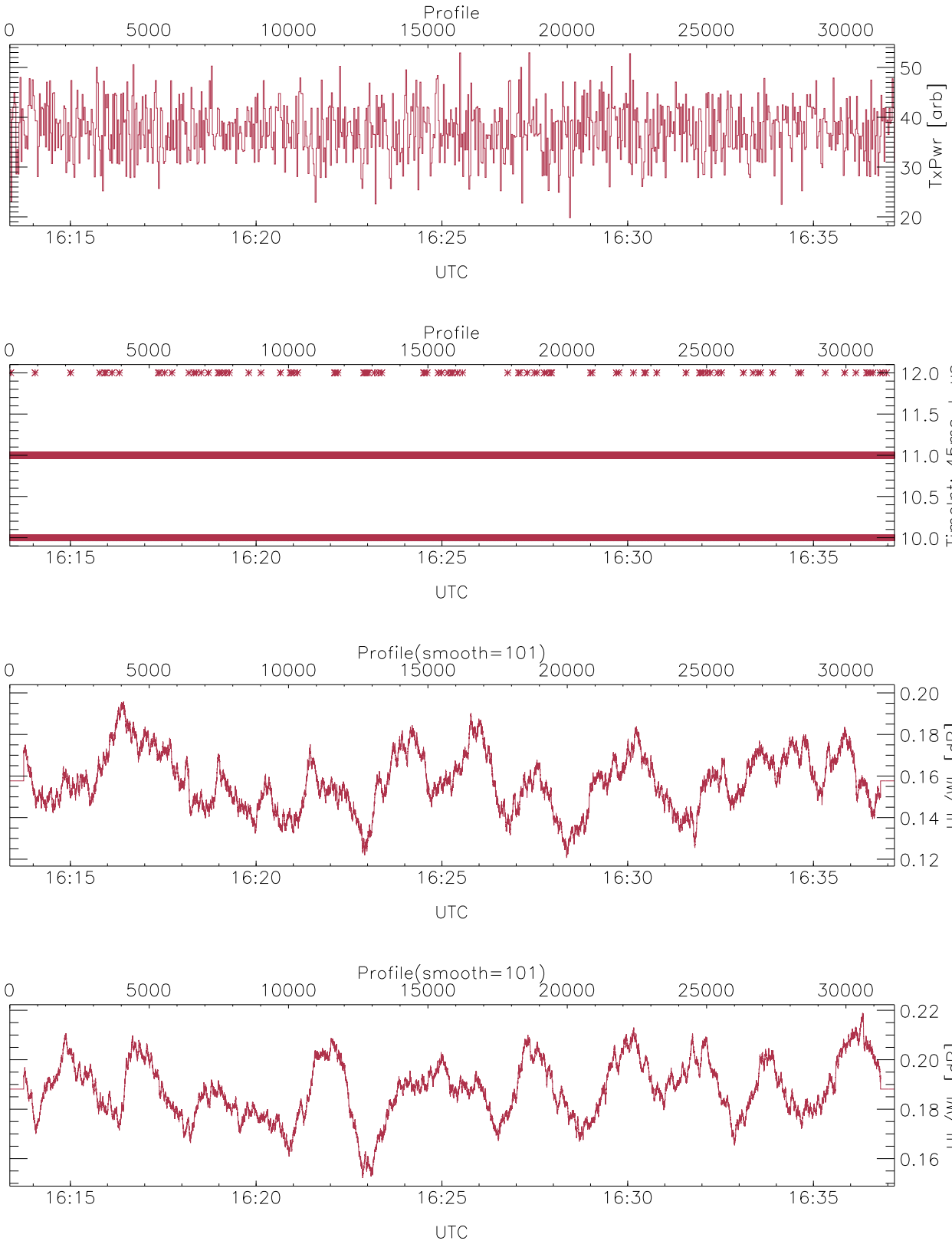
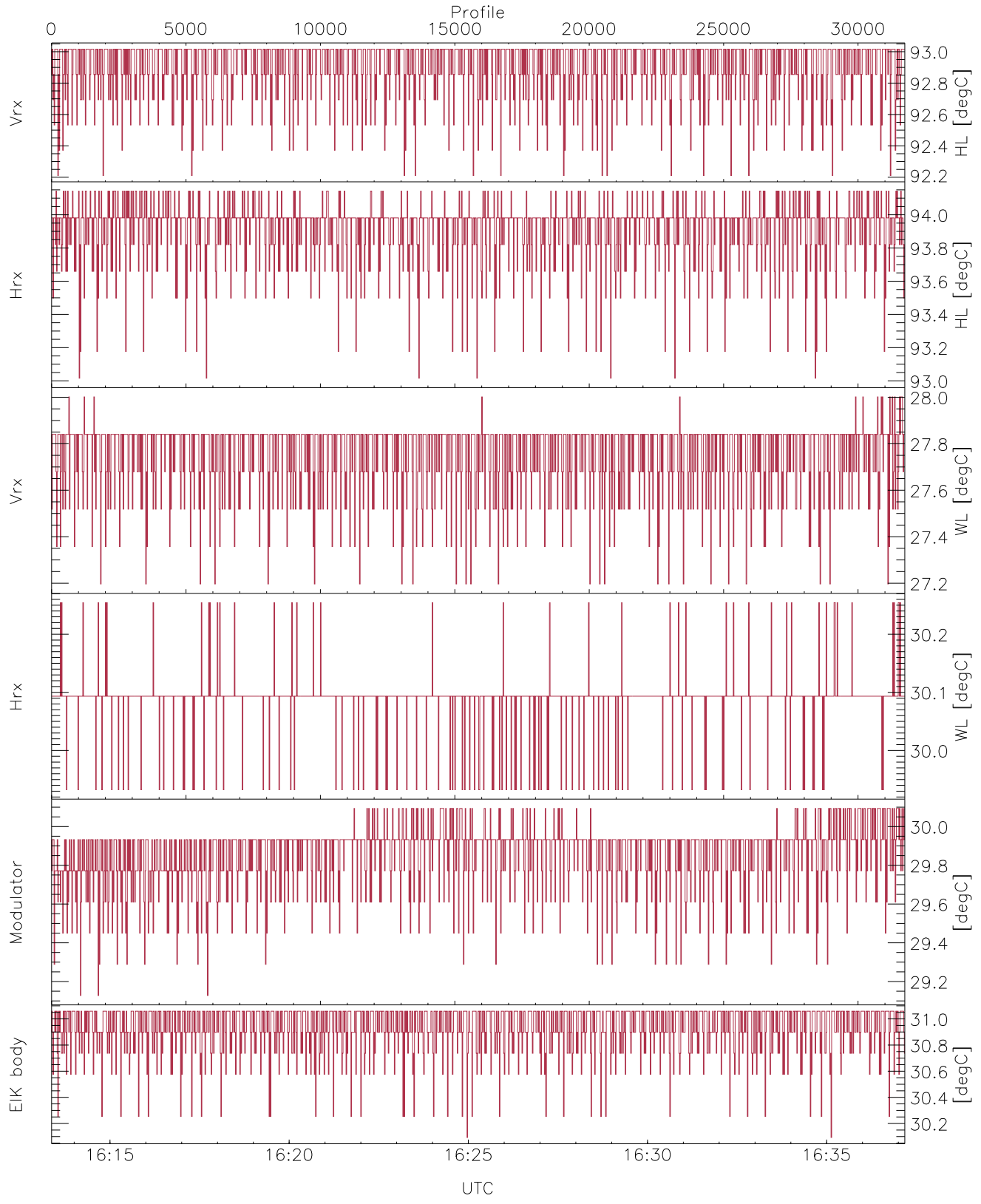


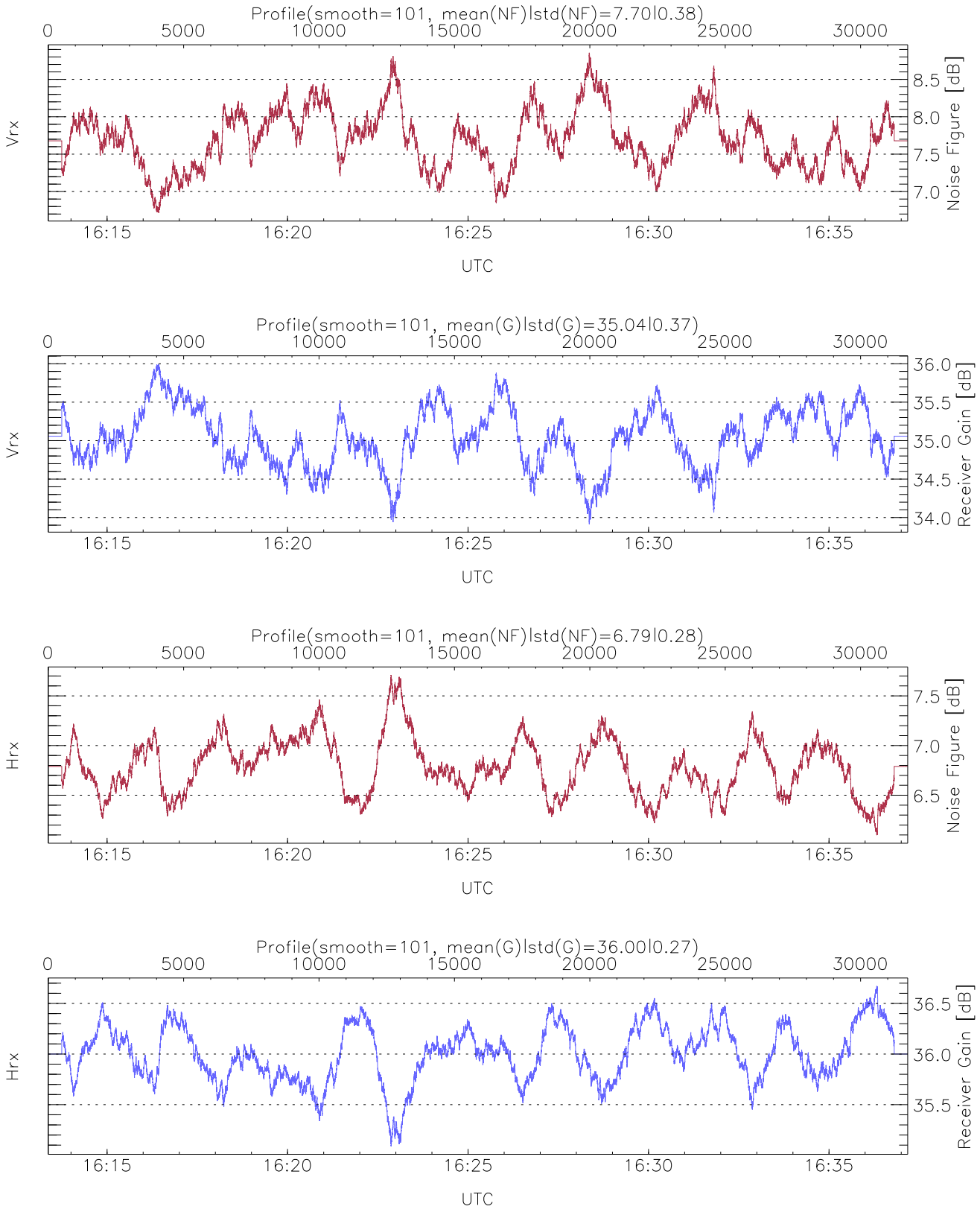
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:13:22-16:37:11, 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, 0-31740/16:13:22-16:37:11
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



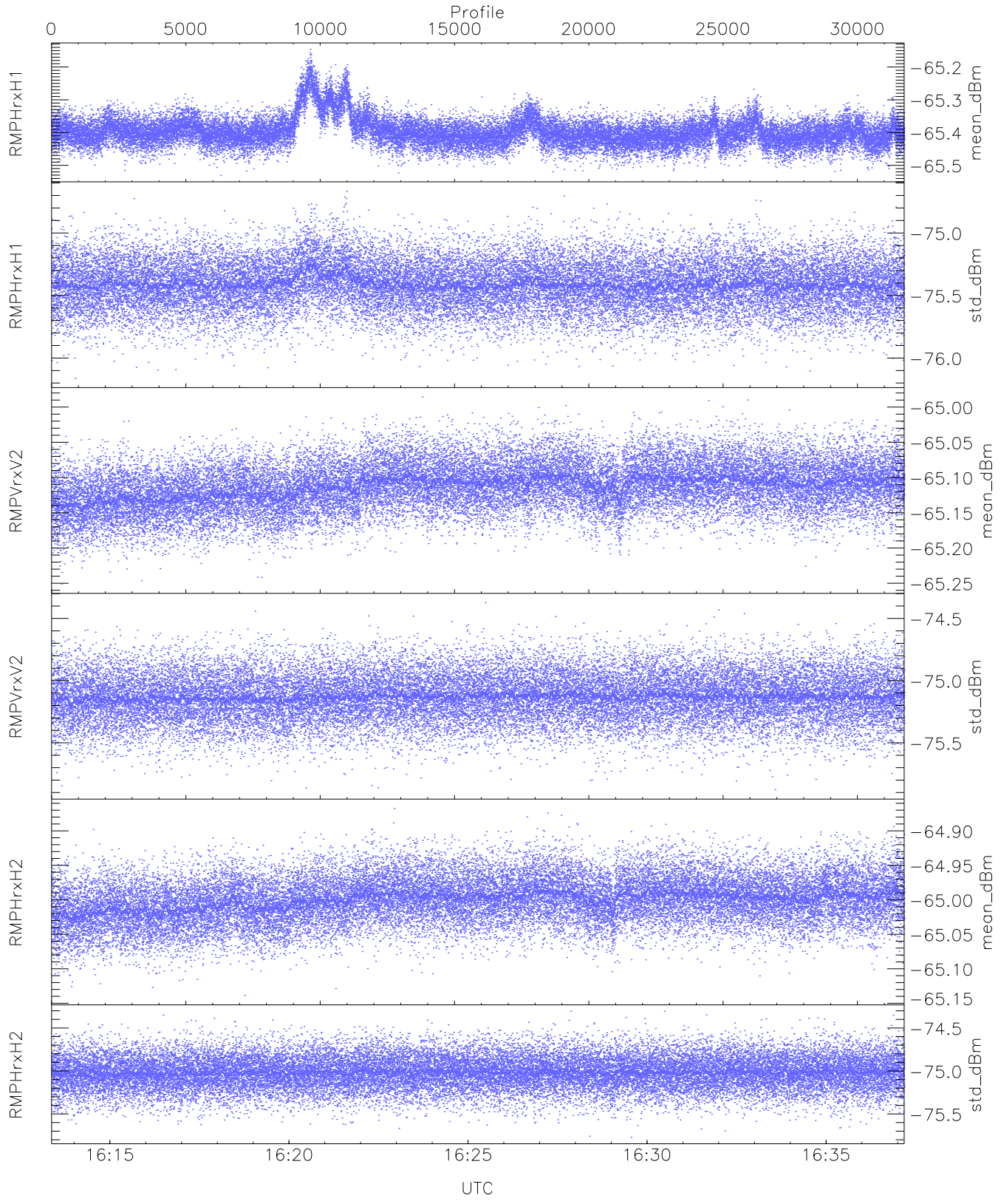
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,29,29,30
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,28,30,30,31
LOalarm(20,240,2817,14861 MHz): 0,0,66,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)



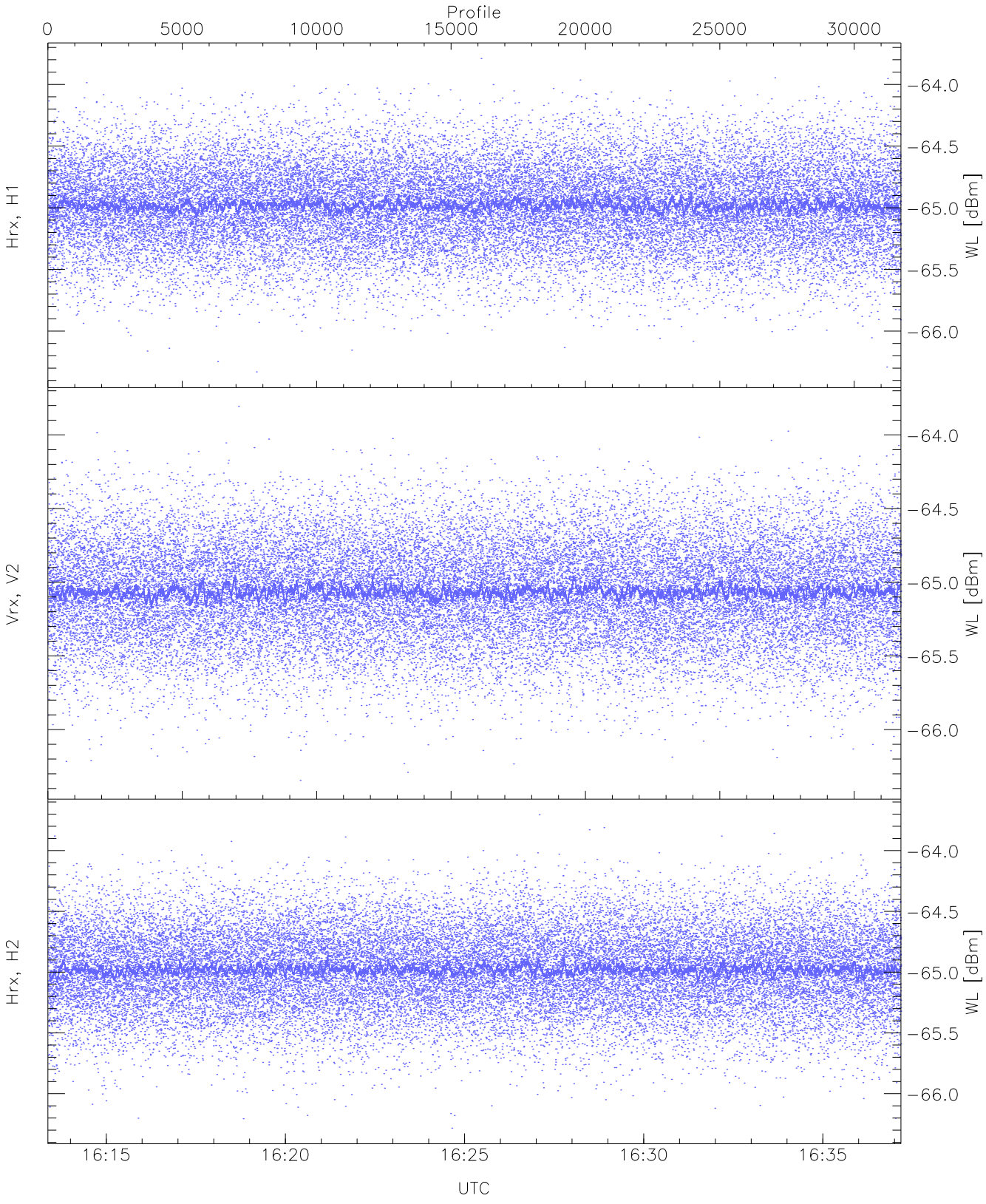
WCR3 CPP Receivers Gain and Noise Figure

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



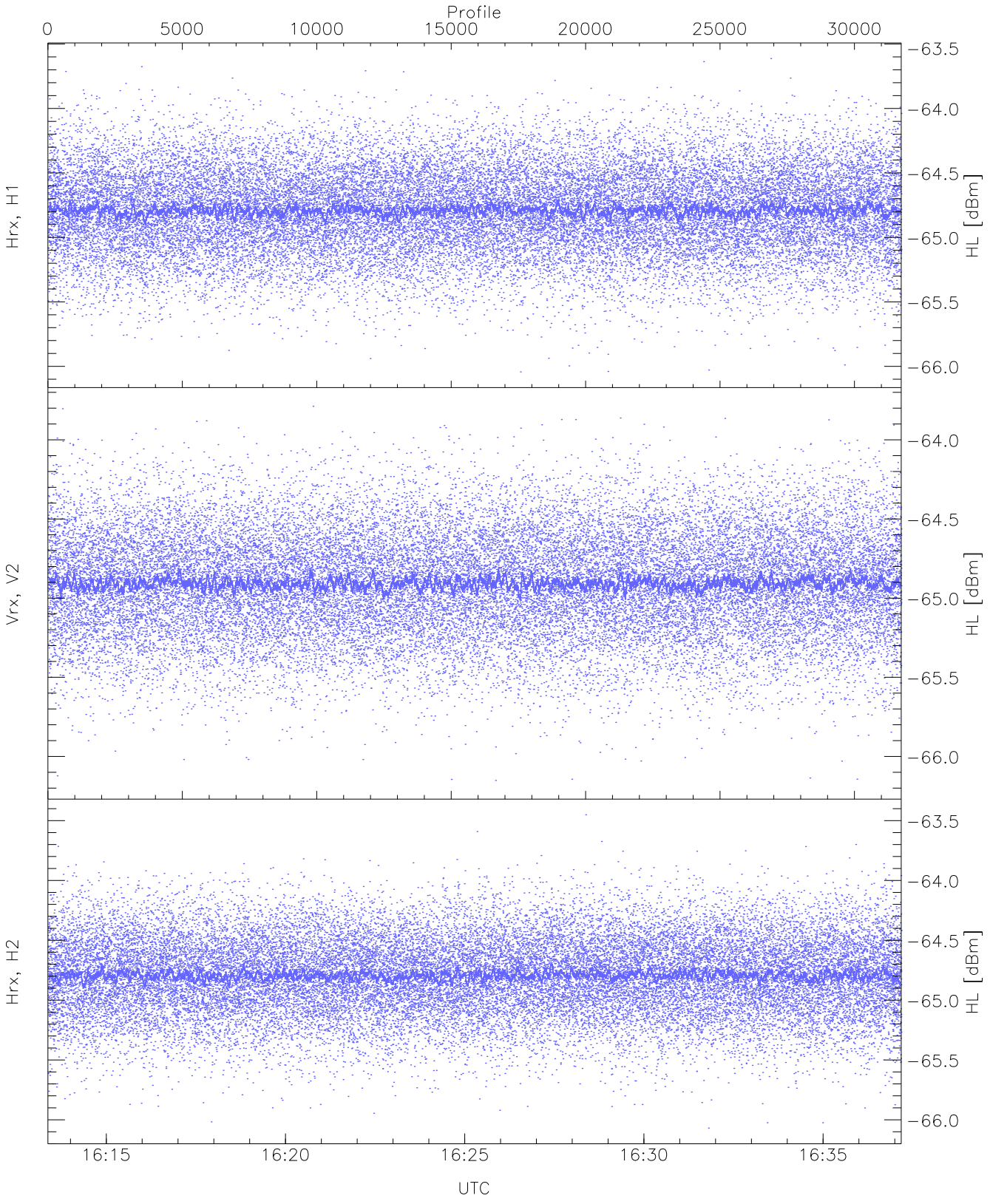
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.53	-65.15	-65.40	-65.40	-85.36
RMPHrxH1(std_dBm)	-76.16	-74.67	-75.41	-75.41	-89.14
RMPVrxV2(mean_dBm)	-65.25	-64.99	-65.11	-65.11	-86.37
RMPVrxV2(std_dBm)	-75.88	-74.37	-75.13	-75.13	-88.90
RMPHrxH2(mean_dBm)	-65.14	-64.87	-65.00	-65.00	-86.33
RMPHrxH2(std_dBm)	-75.77	-74.30	-75.02	-75.02	-88.82



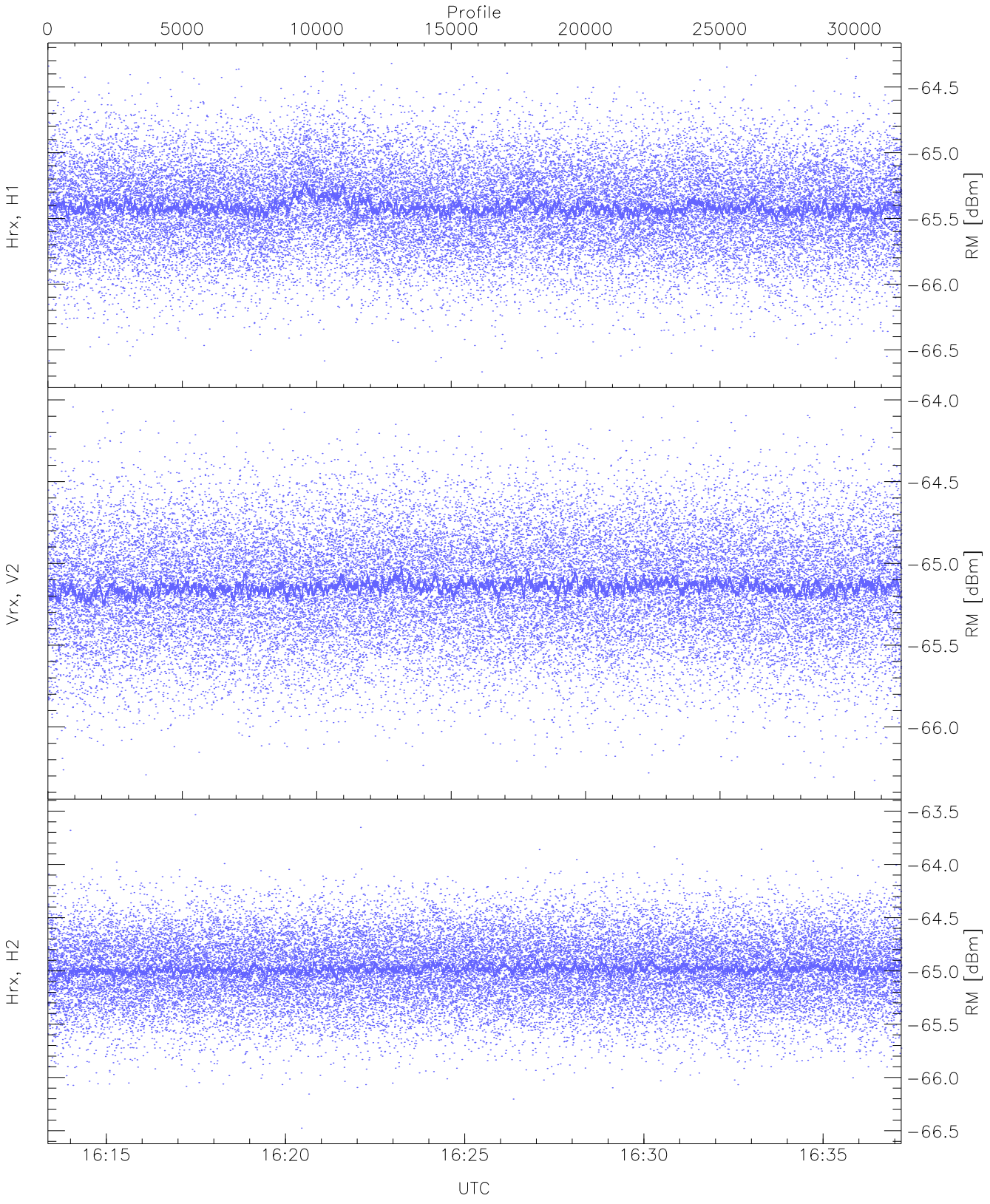
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.33	-63.79	-64.97	-64.98	-76.46
Vrx, V2(WL [dBm])	-66.34	-63.81	-65.06	-65.07	-76.55
Hrx, H2(WL [dBm])	-66.28	-63.71	-64.97	-64.98	-76.47



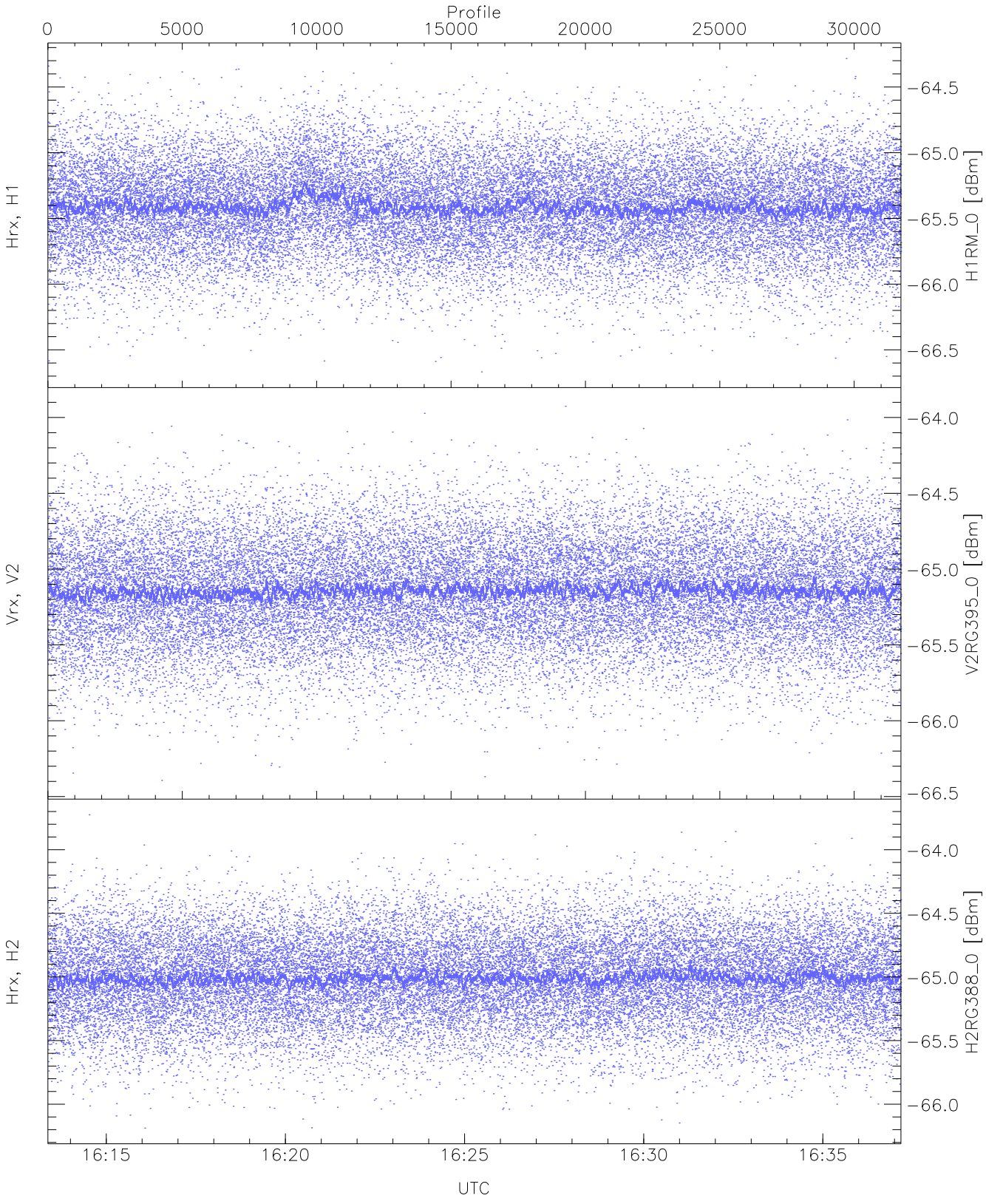
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.04	-63.61	-64.78	-64.79	-76.28
Vrx, V2(HL [dBm])	-66.15	-63.79	-64.90	-64.91	-76.40
Hrx, H2(HL [dBm])	-66.07	-63.45	-64.79	-64.79	-76.29



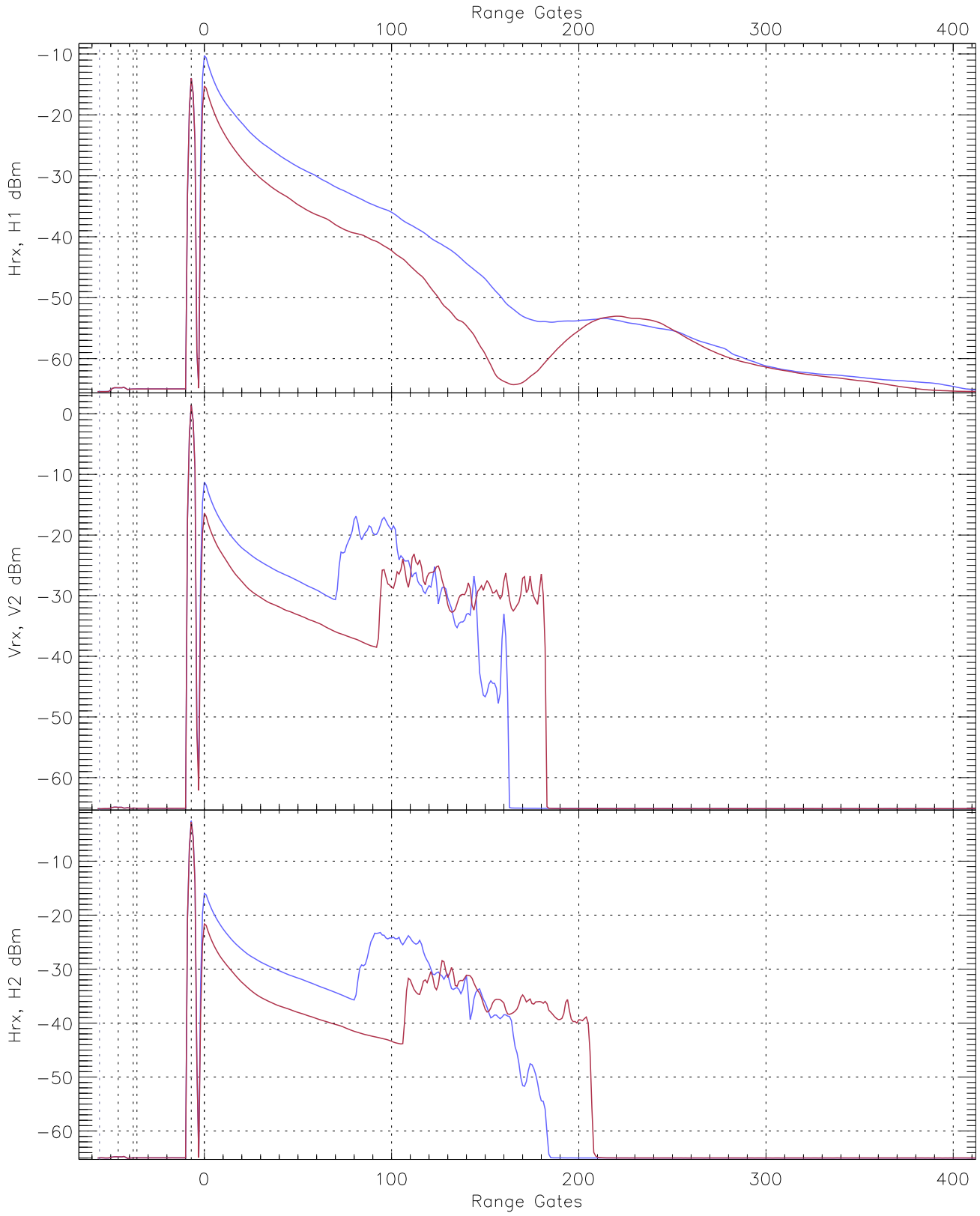
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.67	-64.28	-65.41	-65.41	-76.88
Vrx, V2(RM [dBm])	-66.33	-64.04	-65.14	-65.14	-76.63
Hrx, H2(RM [dBm])	-66.48	-63.53	-64.98	-64.98	-76.47

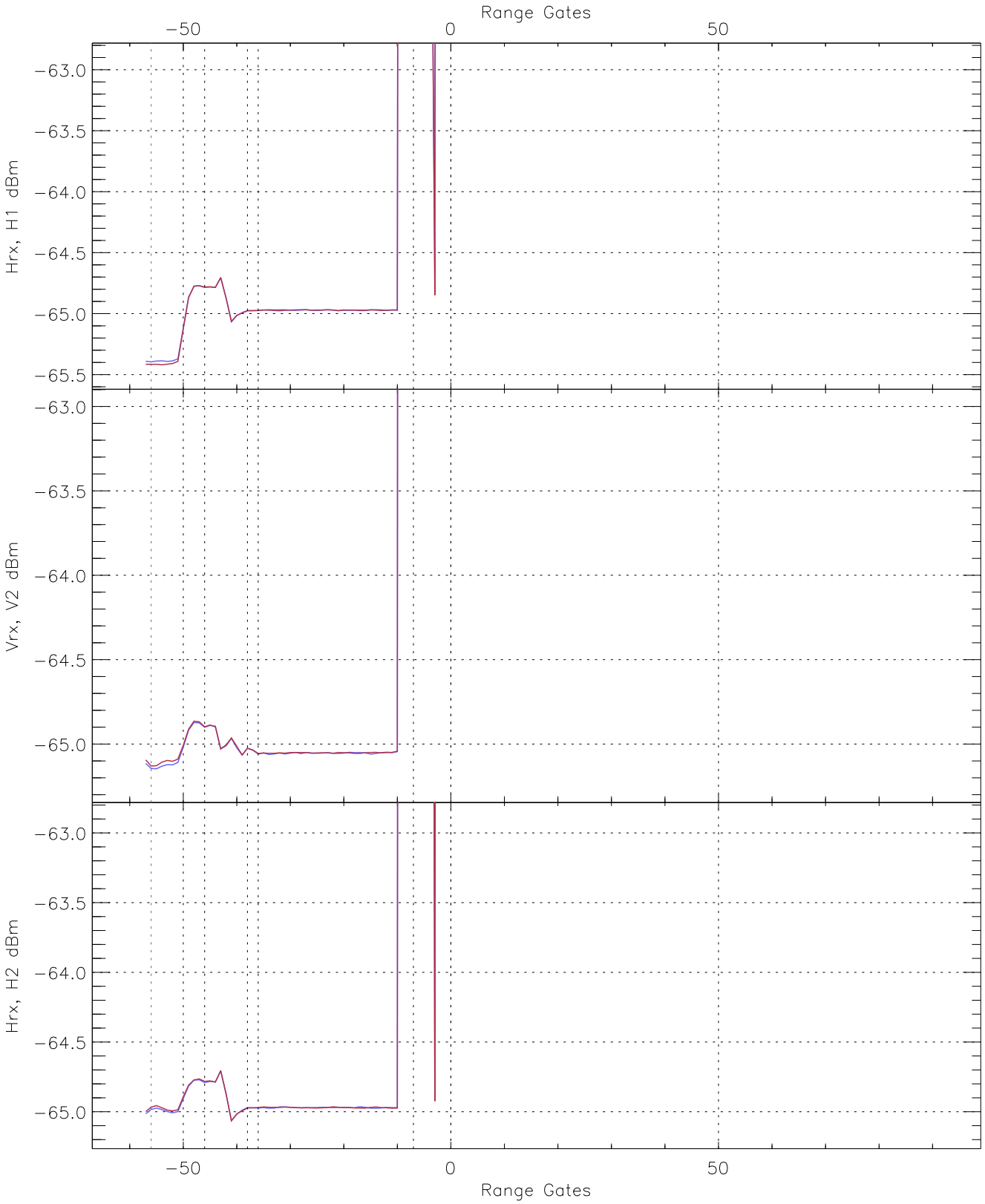


WCR3 CPP "Best" estimate Receivers Noise Power

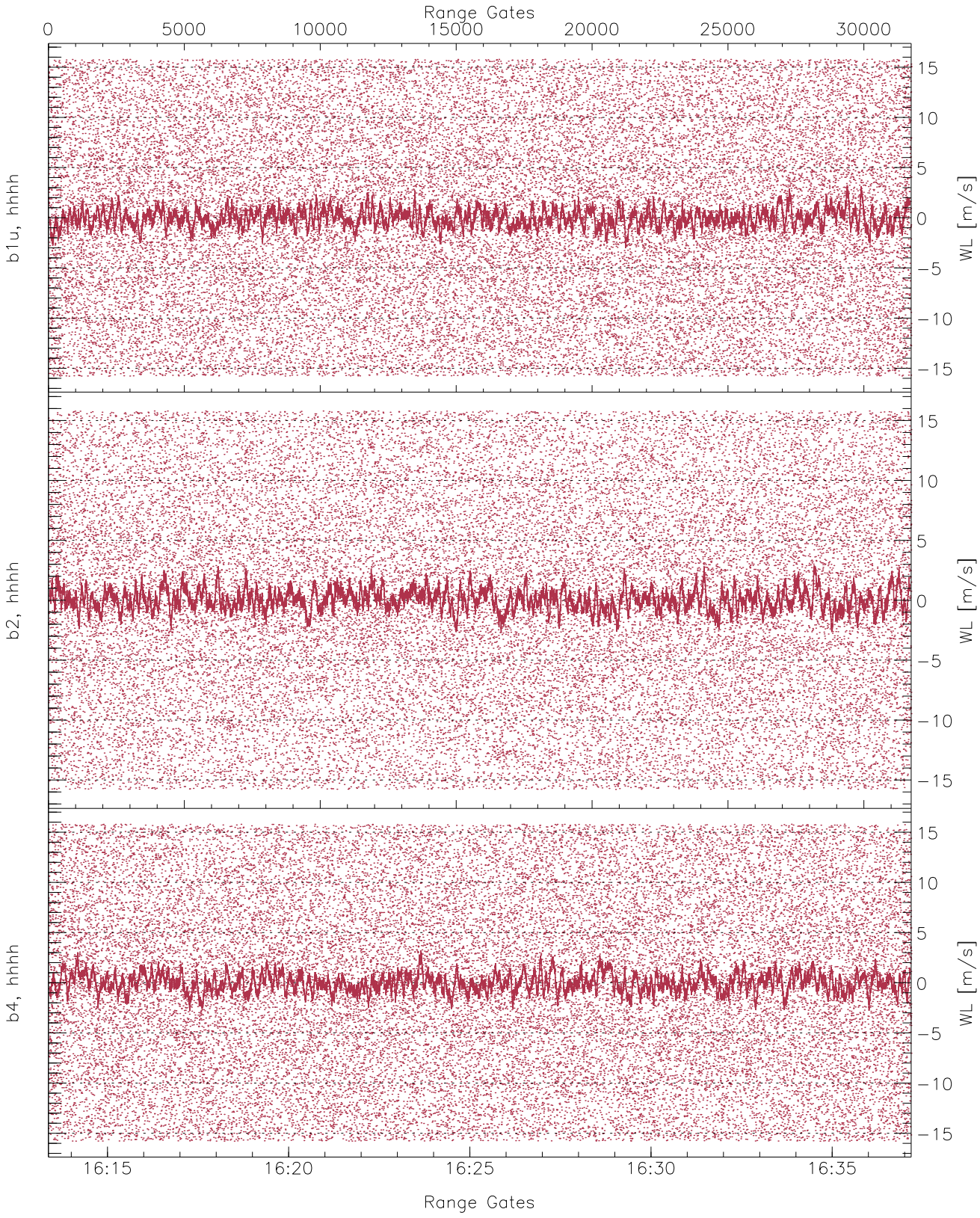
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.67	-64.28	-65.41	-65.41	-76.88
V2RG395_0 [dBm]	-66.39	-63.93	-65.14	-65.15	-76.64
H2RG388_0 [dBm]	-66.19	-63.73	-65.00	-65.01	-76.52



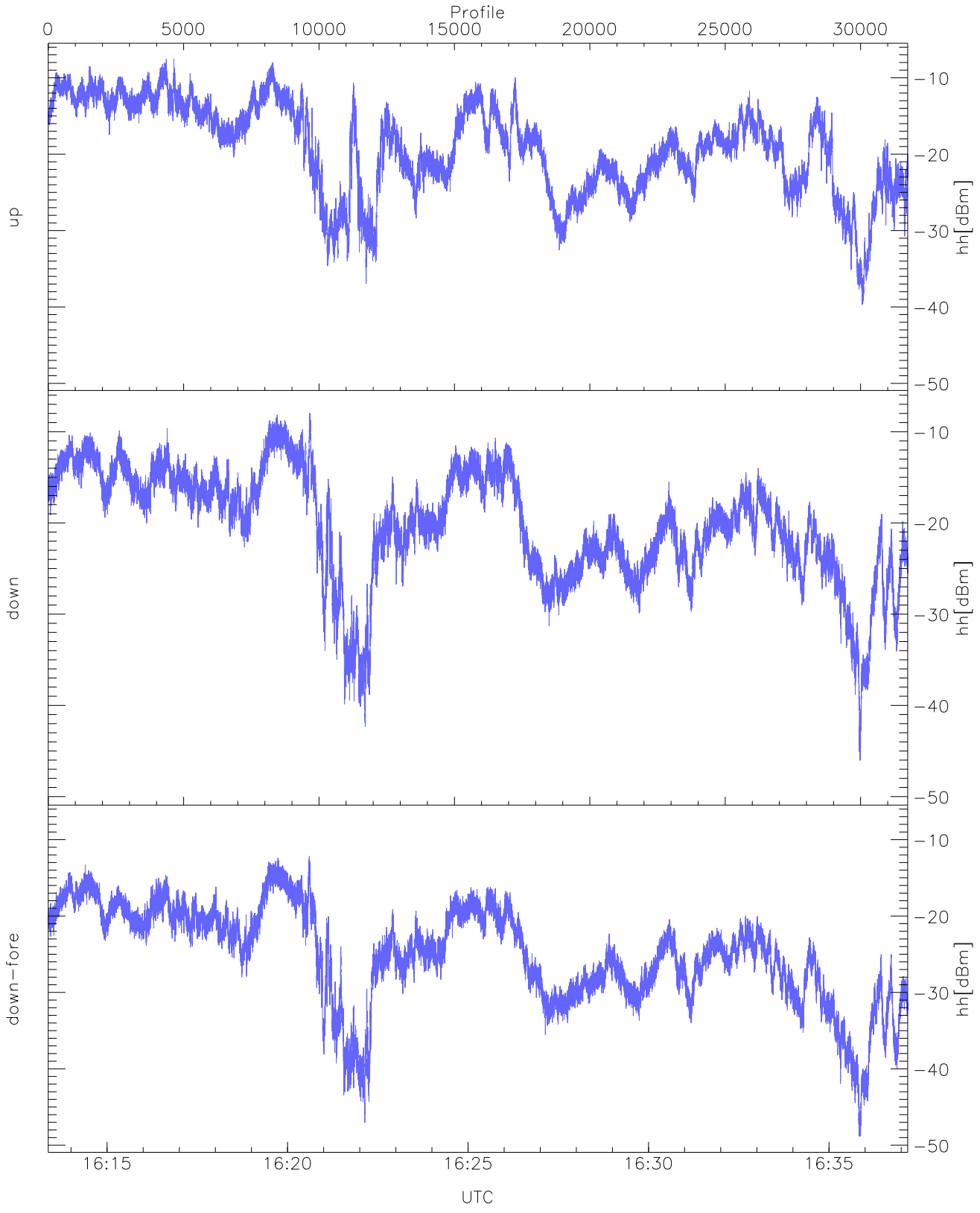
WCR3 CPP Averaged Received power for all recorded gates
blue: 161322-162517, 15871 profiles averaged
red: 162517-163711, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 161322-162517, 15871 profiles averaged
red: 162517-163711, 15871 profiles averaged

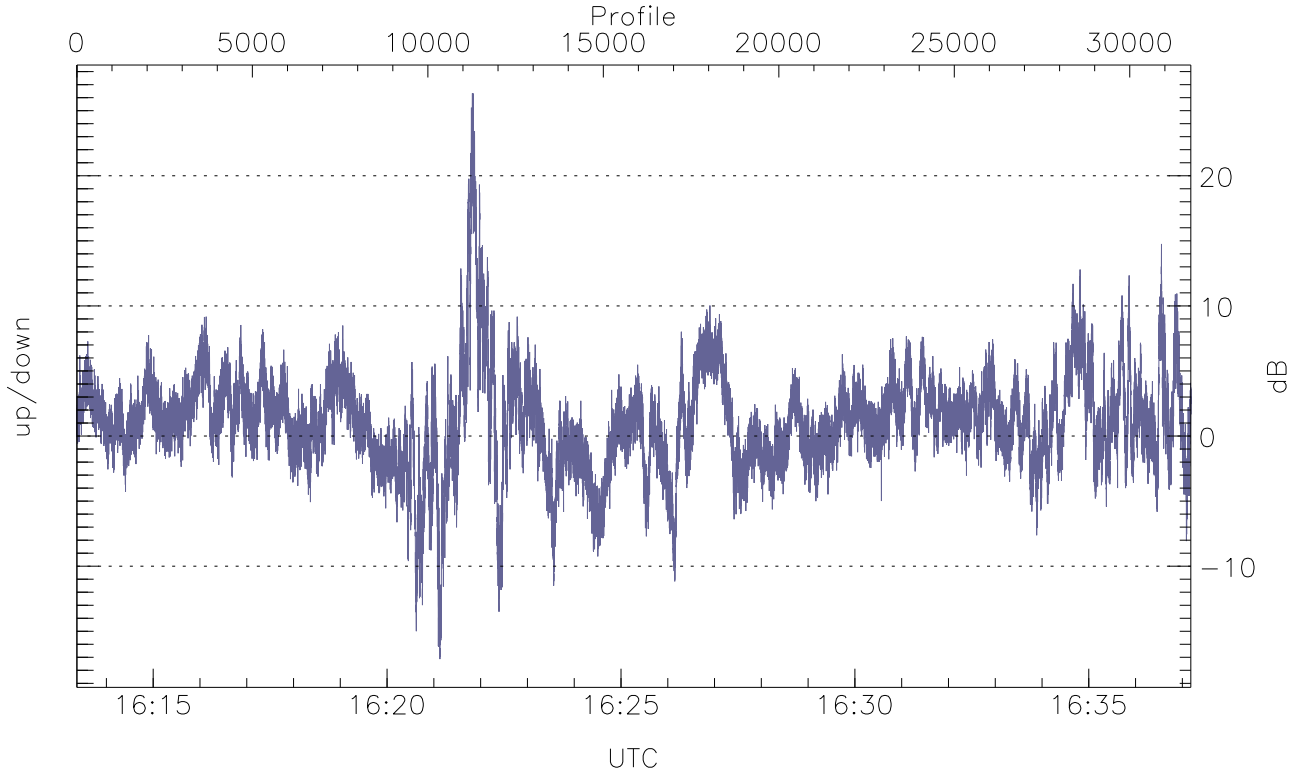


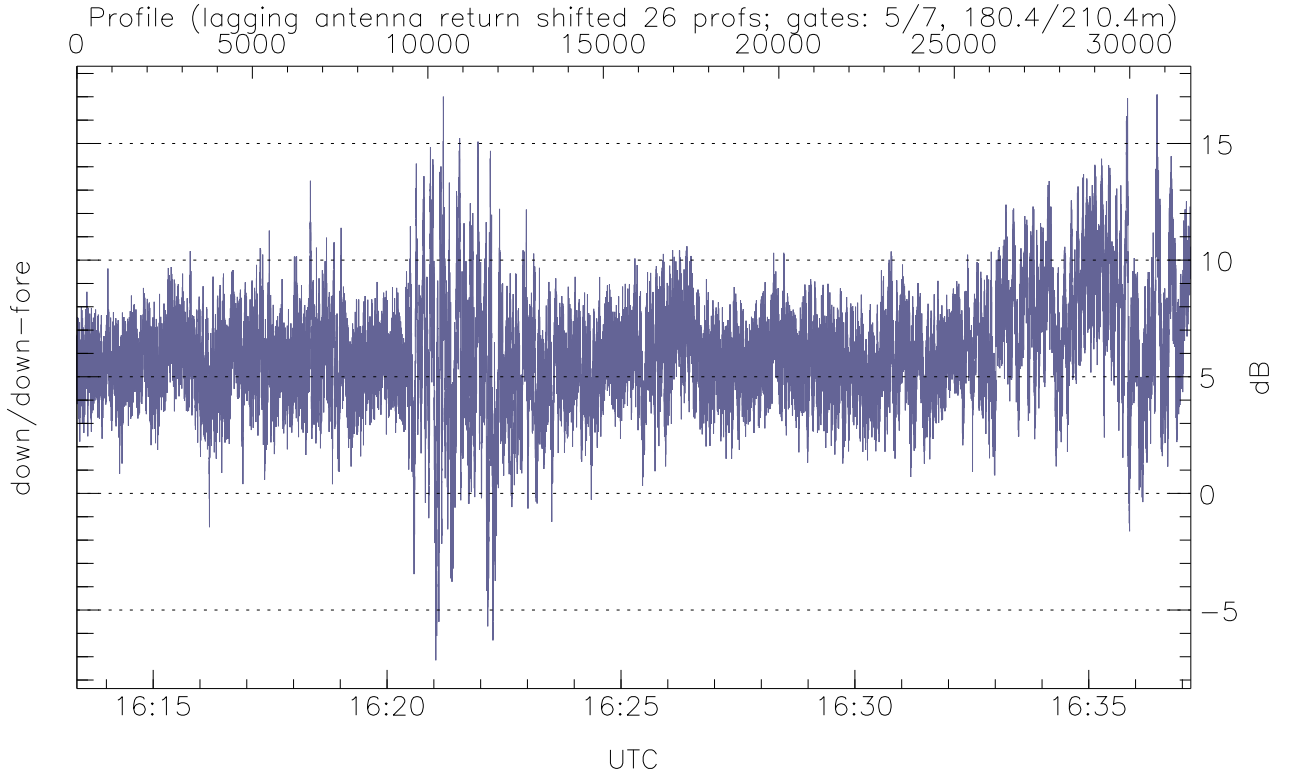
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

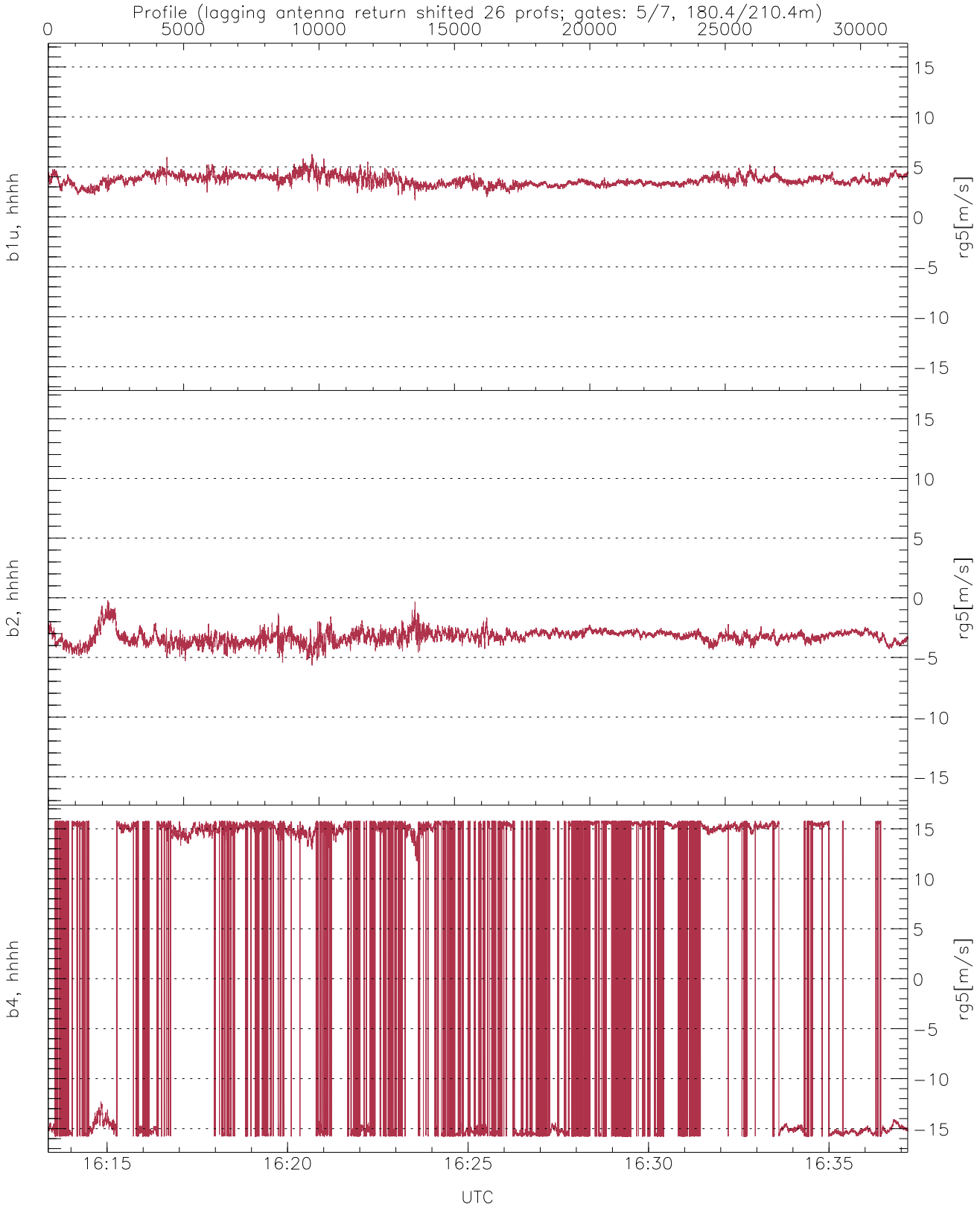
	Min	Max	Mean
up(hh[dBm])	-39.69	-7.54	-16.19
down(hh[dBm])	-46.05	-7.95	-17.20
down-fore(hh[dBm])	-48.86	-12.15	-21.68





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

	Min	Max	Mean
up/down(dB)	-17.14	26.33	1.11
down/down-fore(dB)	-7.15	17.10	6.00



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	1.64	6.28	3.65	0.51
b2, hhhh(rg5[m/s])	-5.66	-0.22	-3.27	0.54
b4, hhhh(rg5[m/s])	-15.79	15.79	2.78	15.01