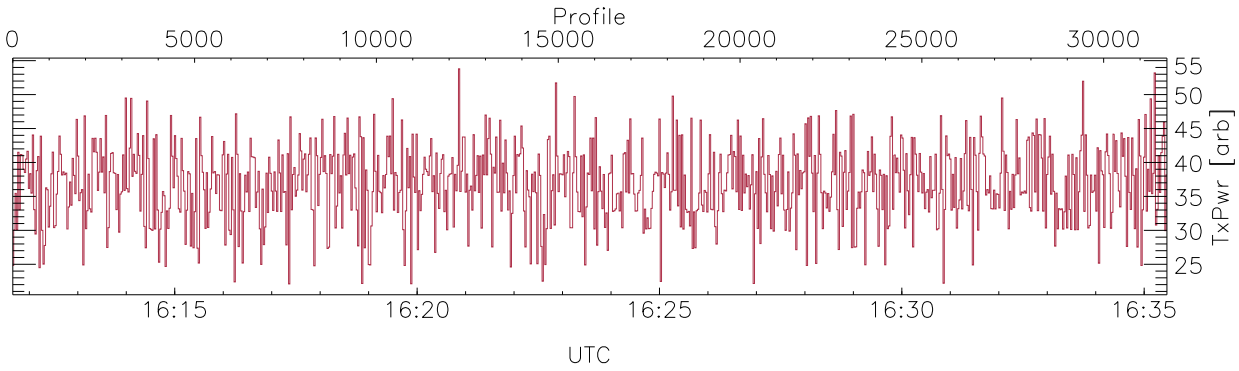
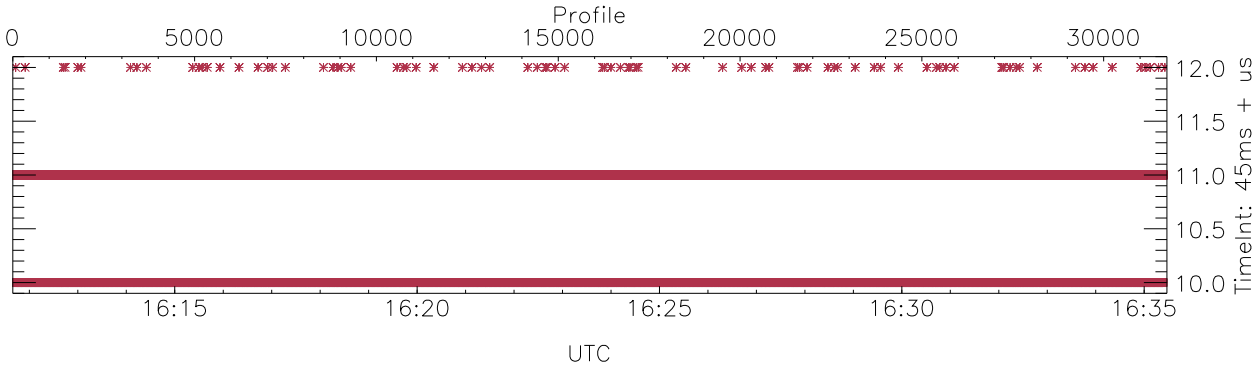
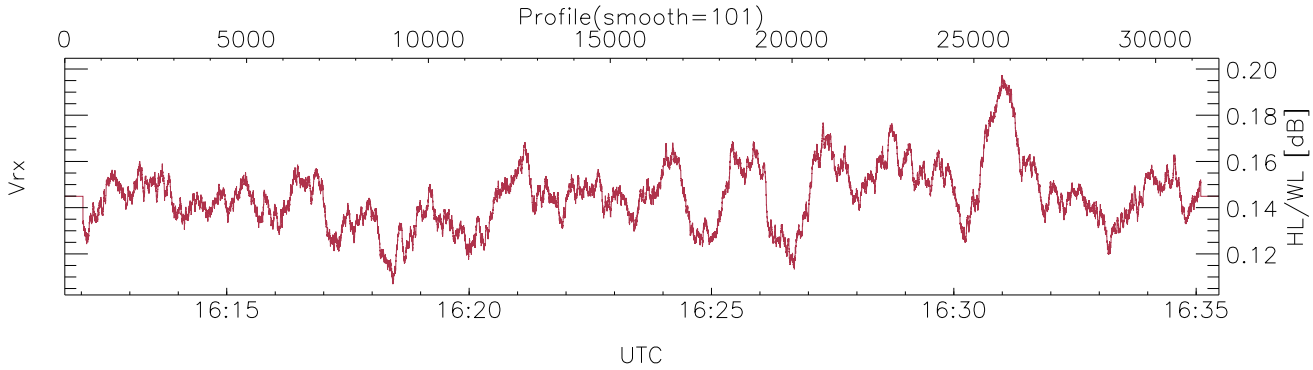
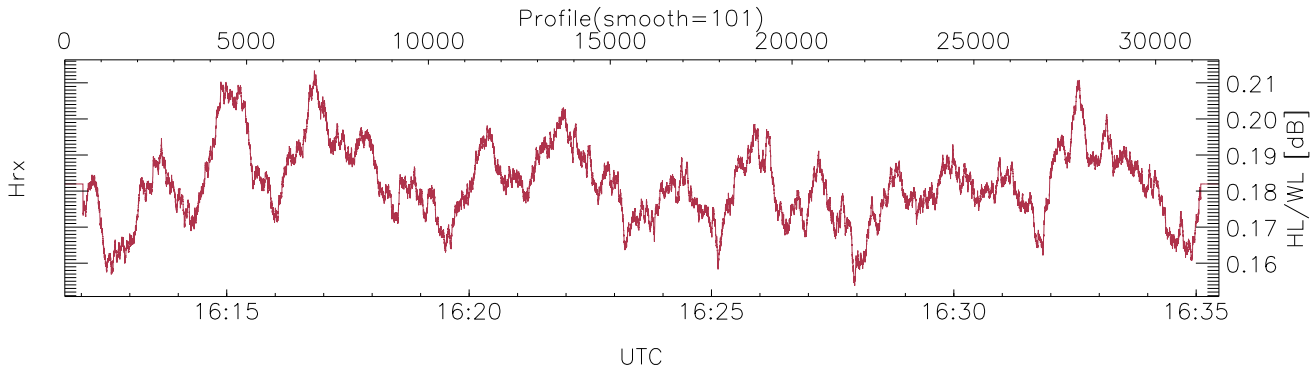


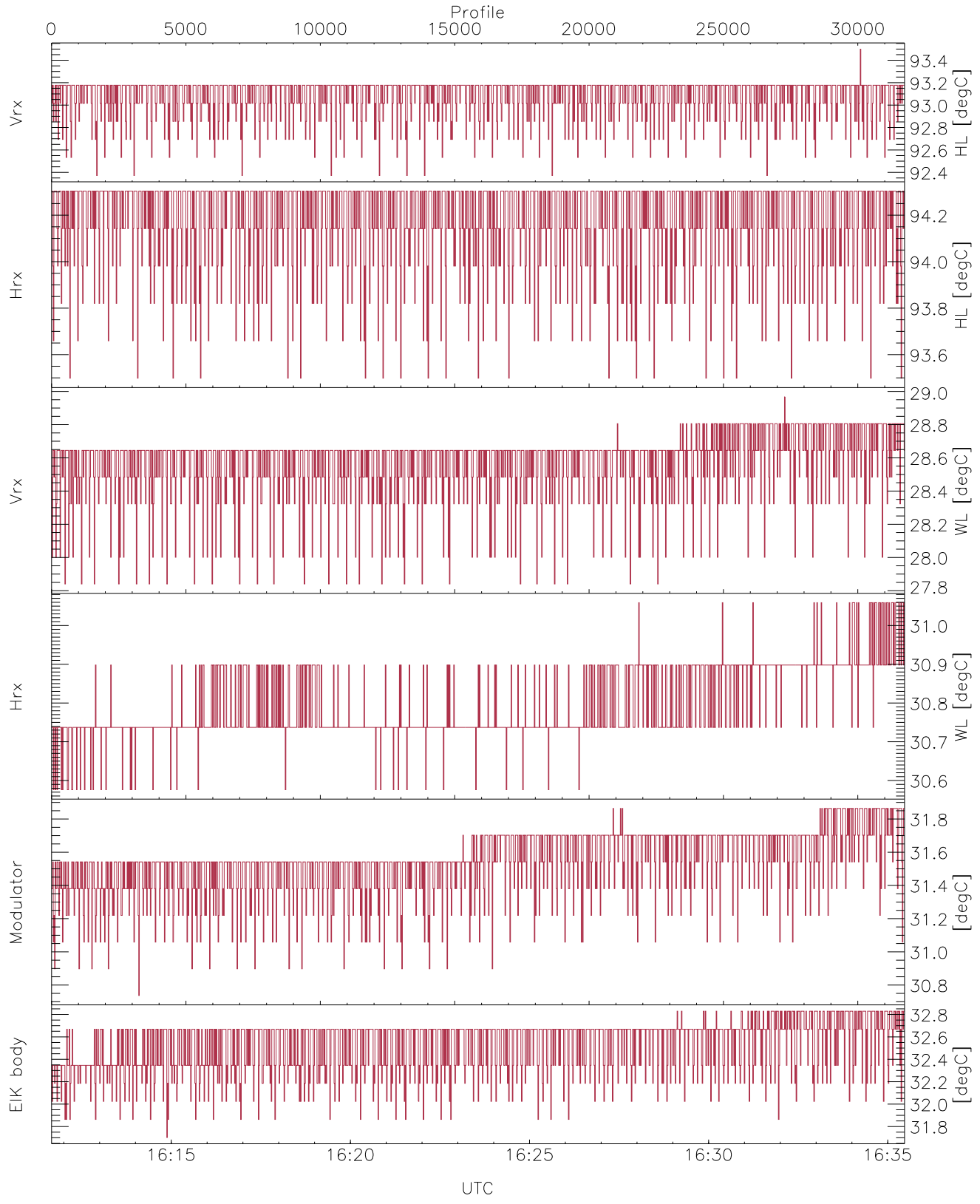






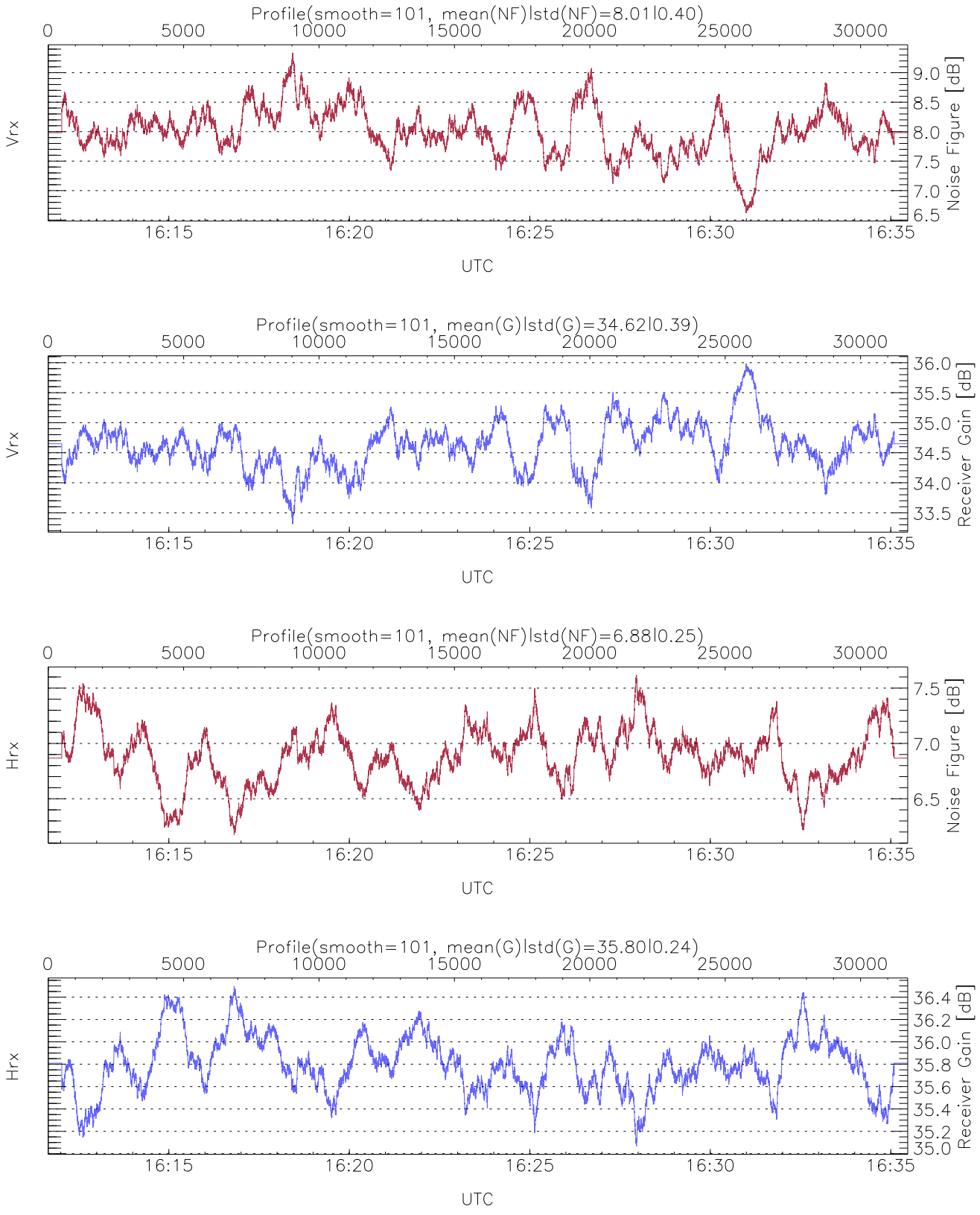
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:11:40-16:35:28, 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, 0-31740/16:11:40-16:35:28
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



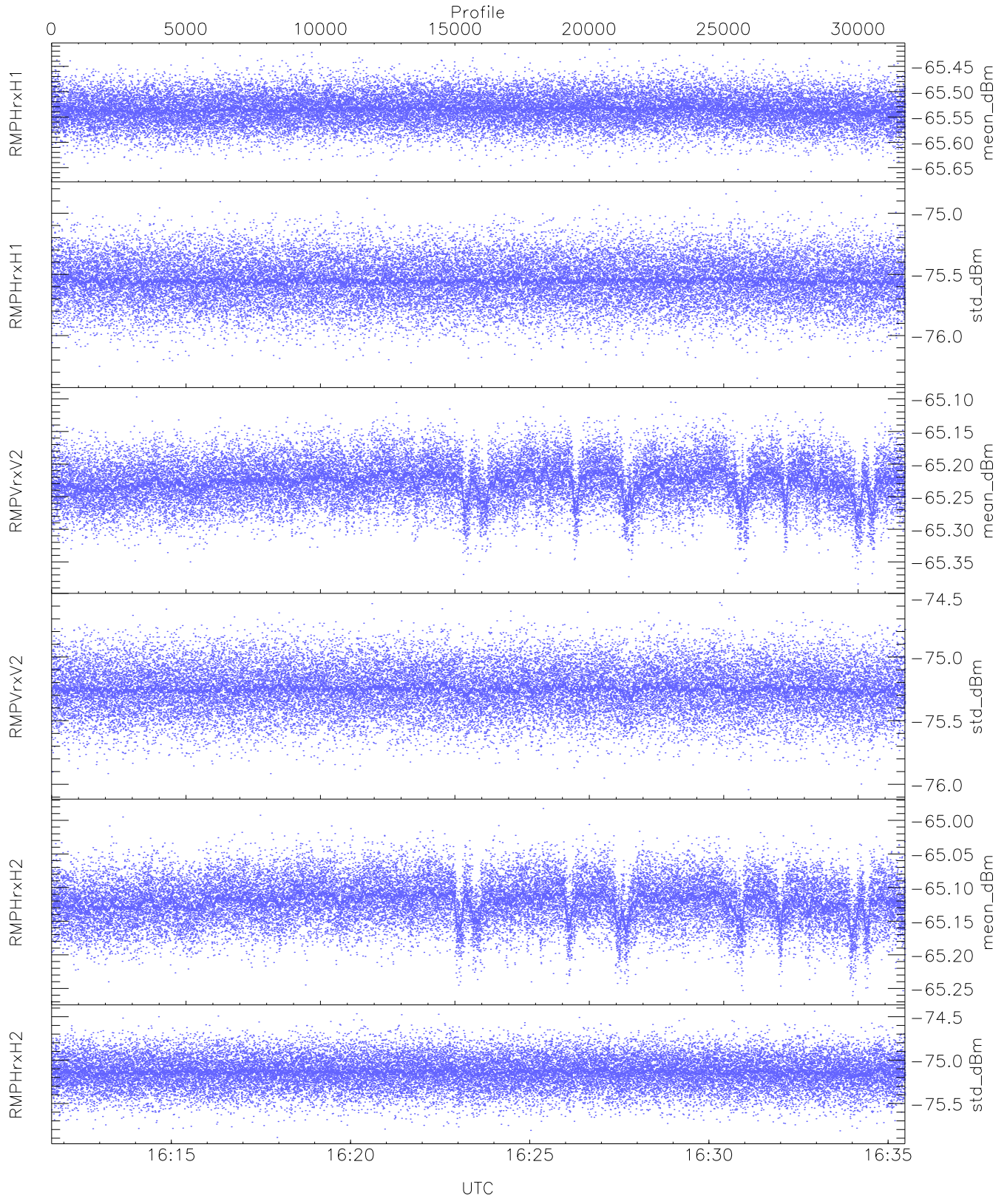
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,30,30,31
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,28,31,31,32
LOalarm(20,240,2817,14861 MHz): 0,0,46,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)



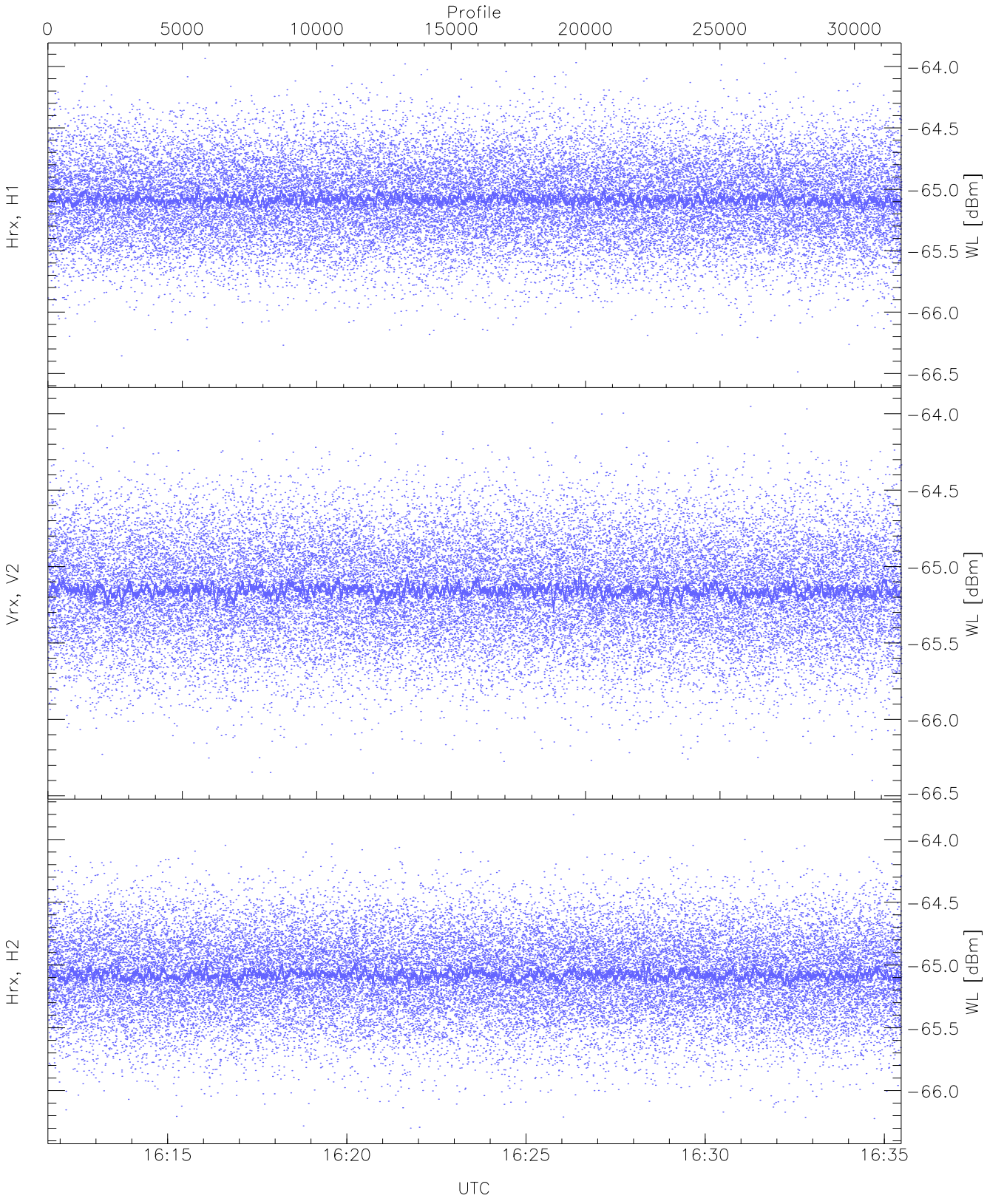
WCR3 CPP Receivers Gain and Noise Figure

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



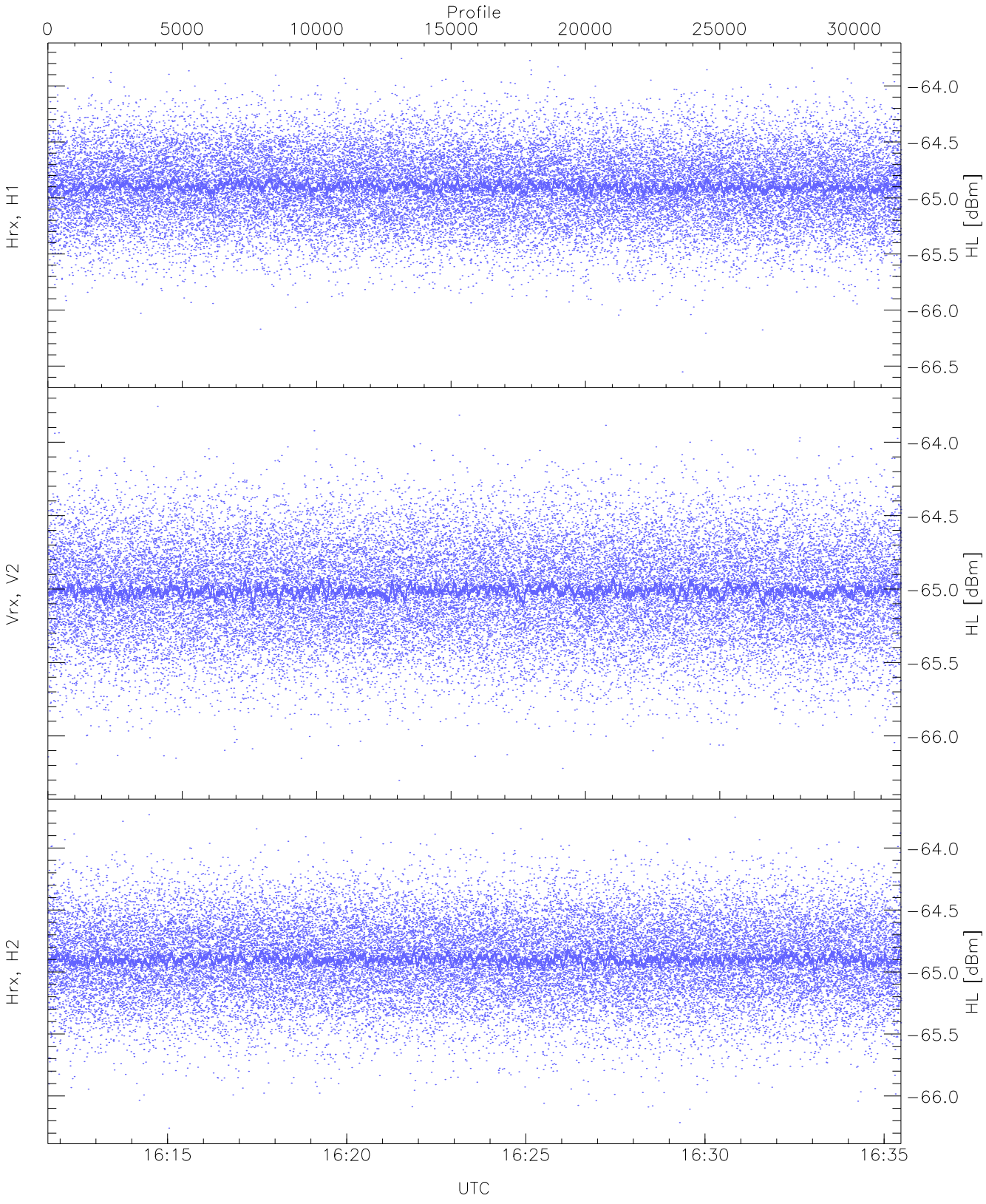
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.67	-65.42	-65.54	-65.54	-87.12
RMPHrxH1(std_dBm)	-76.35	-74.82	-75.55	-75.55	-89.33
RMPVrxV2(mean_dBm)	-65.38	-65.10	-65.23	-65.23	-86.39
RMPVrxV2(std_dBm)	-76.04	-74.57	-75.25	-75.25	-89.03
RMPHrxH2(mean_dBm)	-65.26	-64.98	-65.12	-65.12	-86.35
RMPHrxH2(std_dBm)	-75.89	-74.44	-75.14	-75.14	-88.92



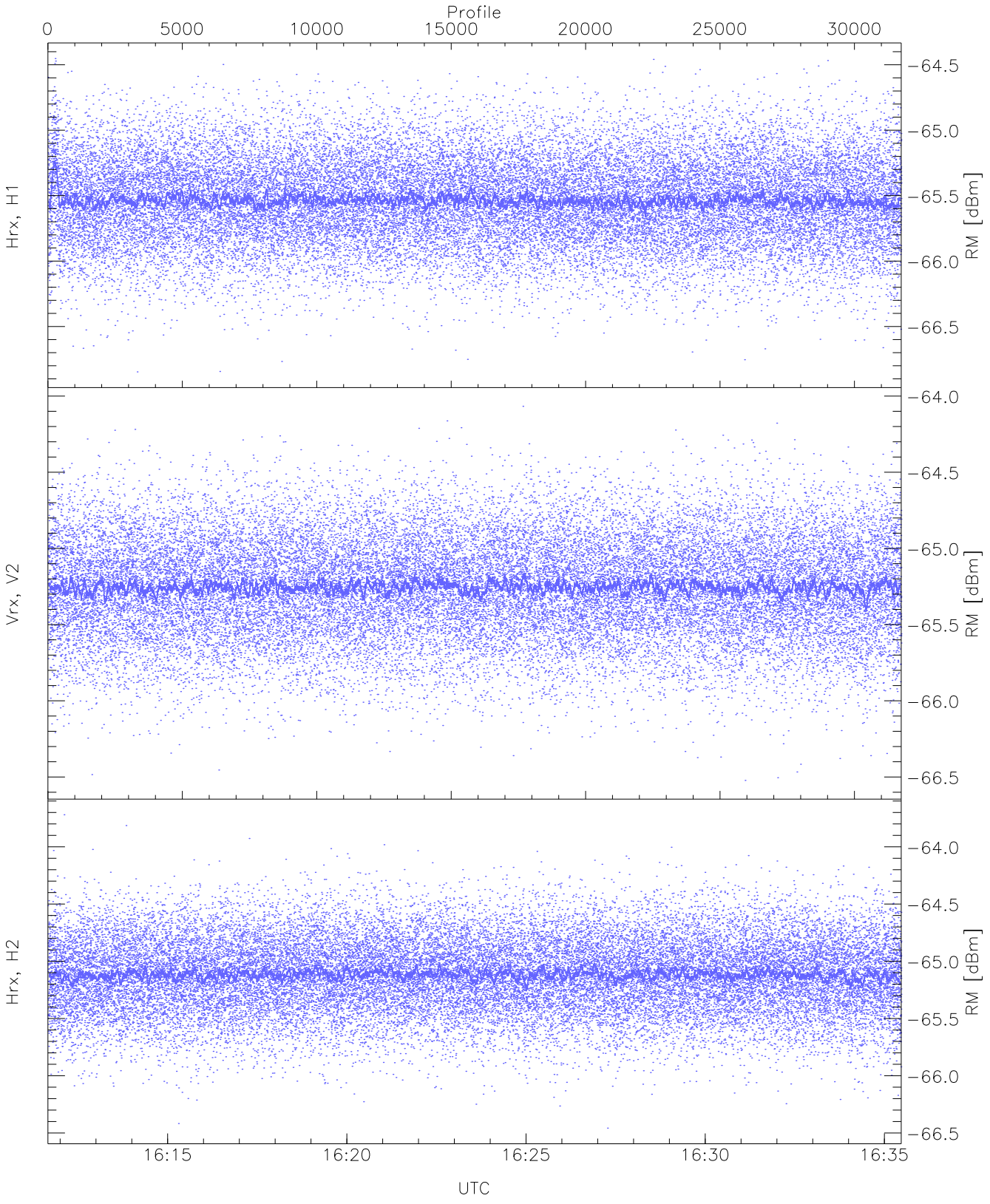
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.49	-63.94	-65.07	-65.08	-76.58
Vrx, V2(WL [dBm])	-66.40	-63.95	-65.15	-65.16	-76.67
Hrx, H2(WL [dBm])	-66.30	-63.80	-65.07	-65.08	-76.59



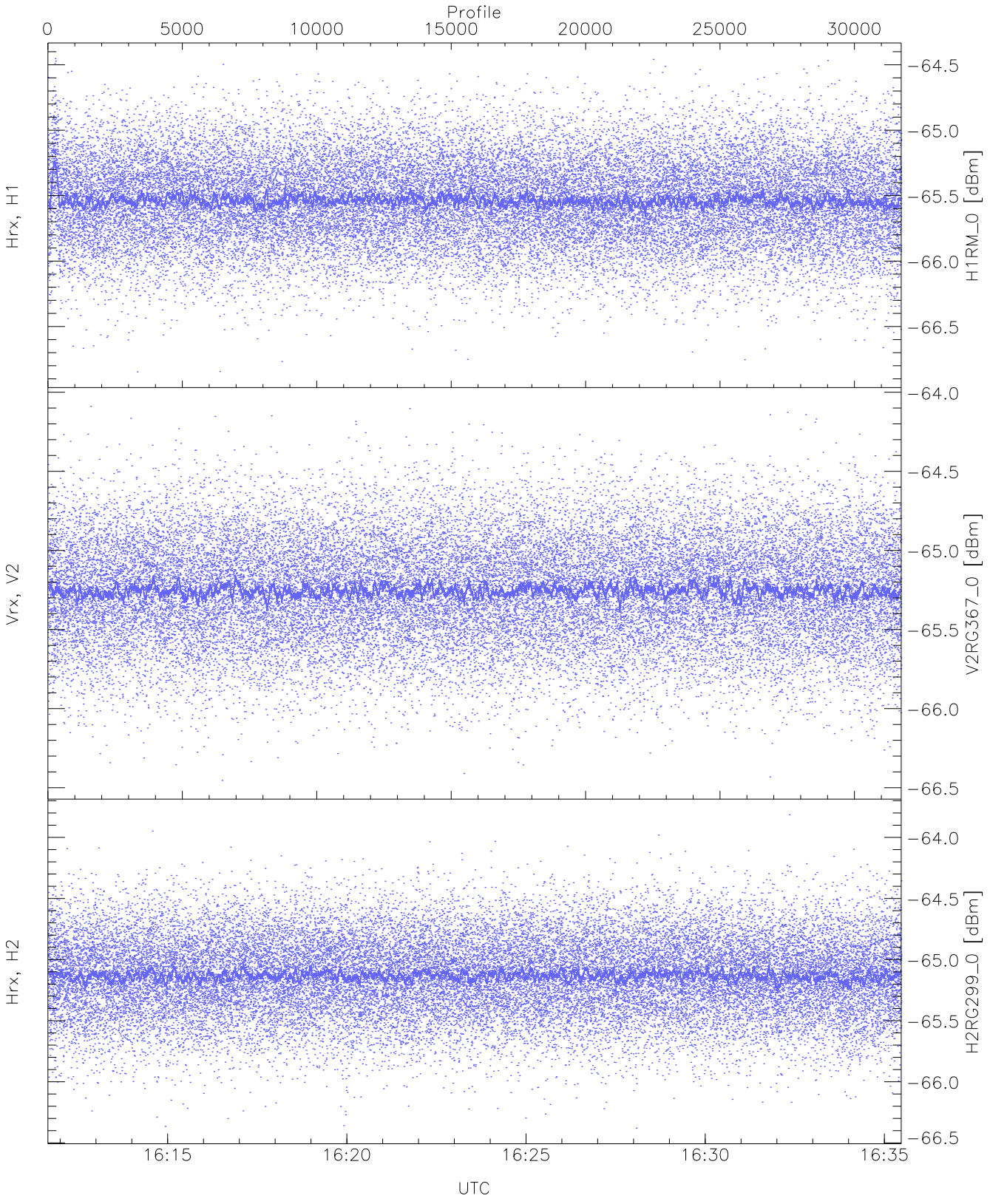
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.55	-63.76	-64.89	-64.90	-76.40
Vrx, V2(HL [dBm])	-66.30	-63.76	-65.00	-65.01	-76.50
Hrx, H2(HL [dBm])	-66.26	-63.73	-64.89	-64.90	-76.42



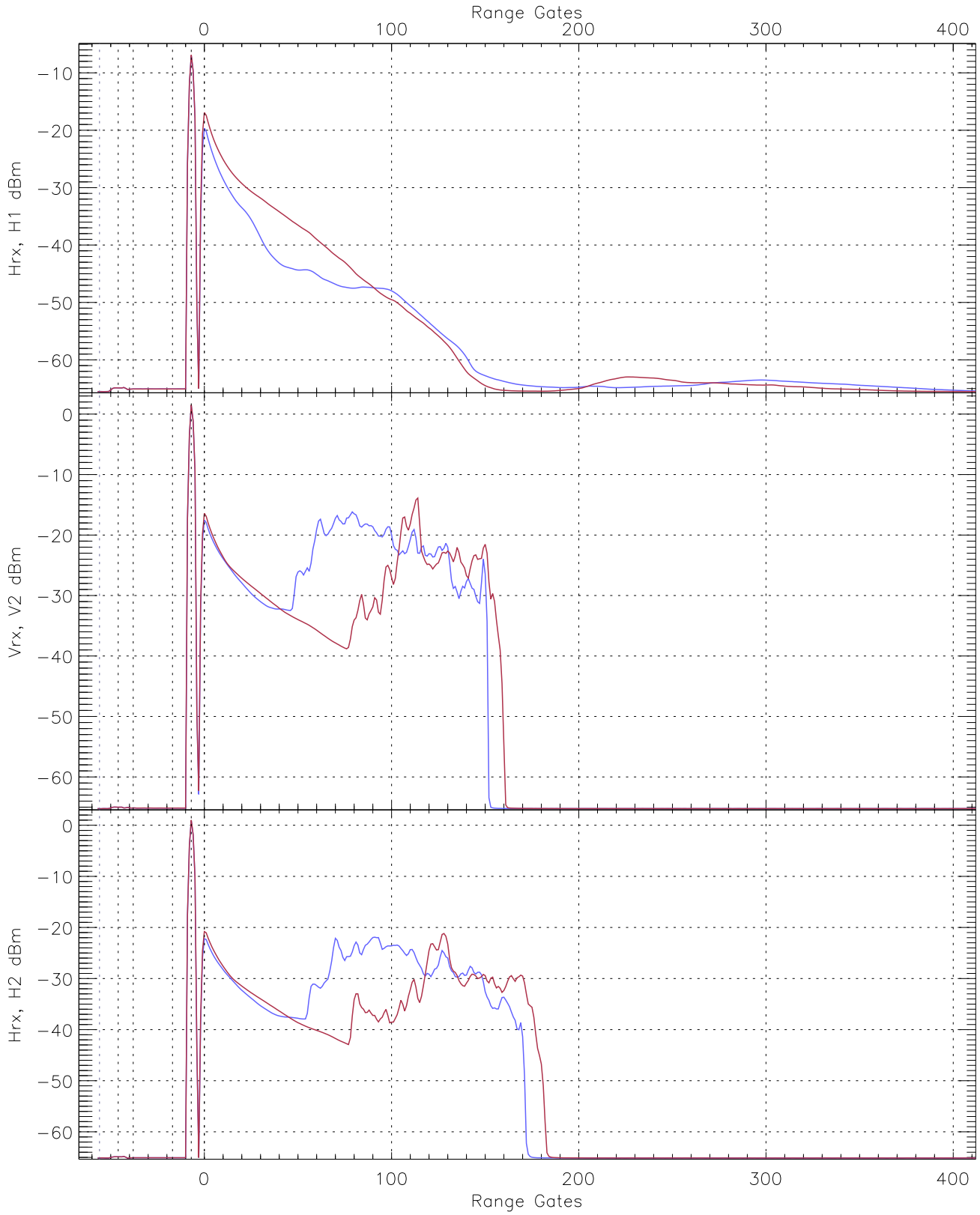
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.85	-64.45	-65.53	-65.54	-77.00
Vrx, V2(RM [dBm])	-66.52	-64.07	-65.25	-65.25	-76.76
Hrx, H2(RM [dBm])	-66.46	-63.72	-65.11	-65.12	-76.60

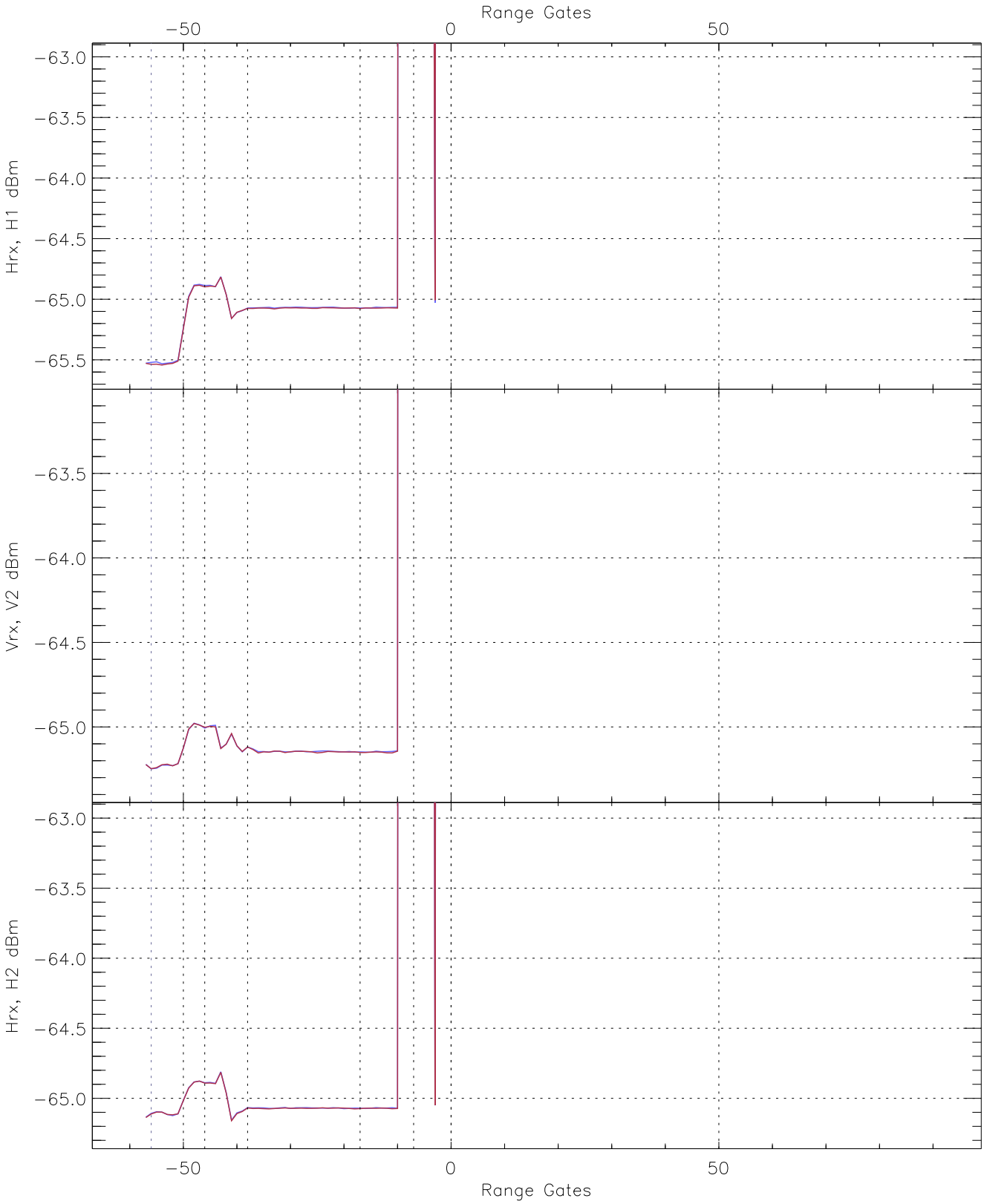


WCR3 CPP "Best" estimate Receivers Noise Power

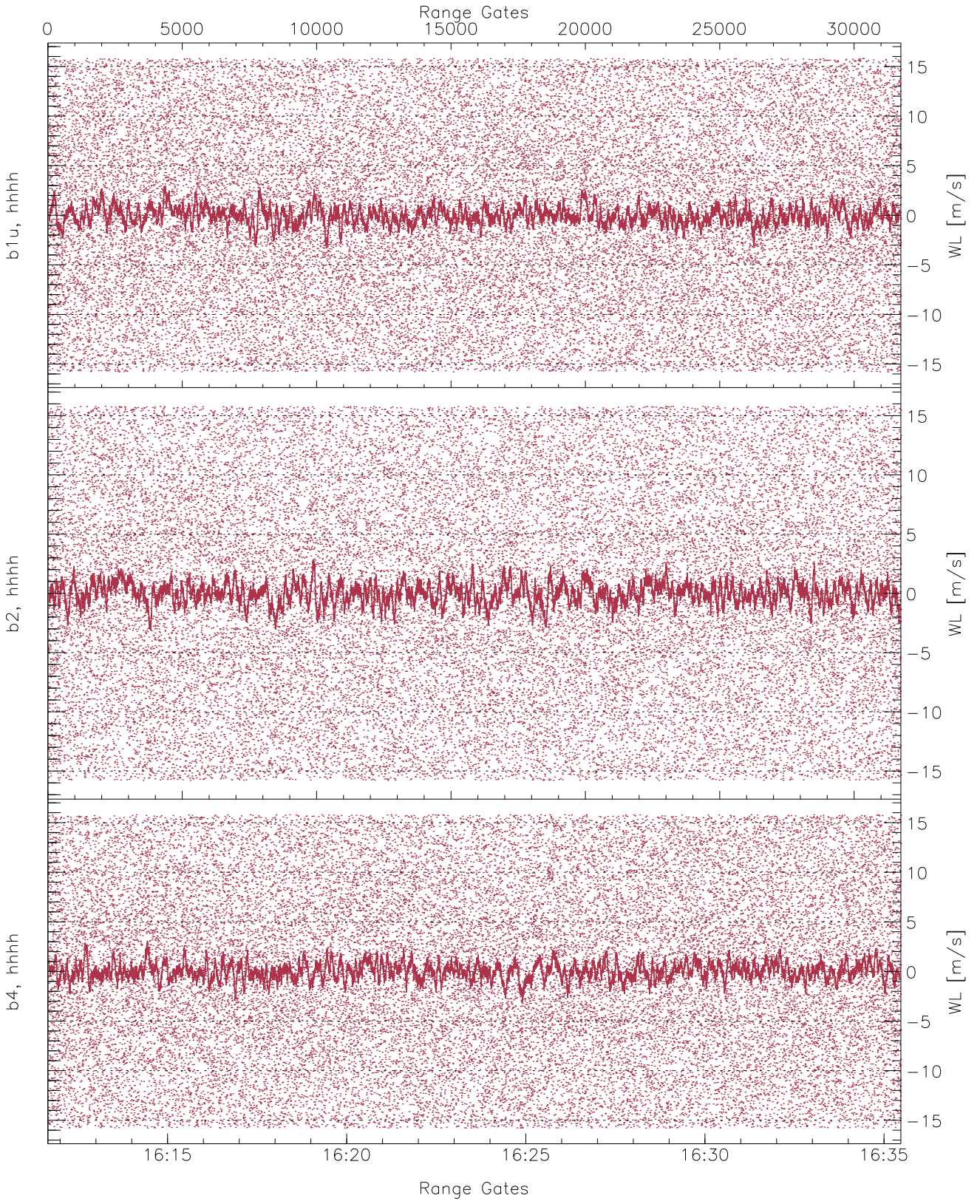
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.85	-64.45	-65.53	-65.54	-77.00
V2RG367_0 [dBm]	-66.45	-64.09	-65.25	-65.25	-76.75
H2RG299_0 [dBm]	-66.38	-63.81	-65.12	-65.13	-76.63



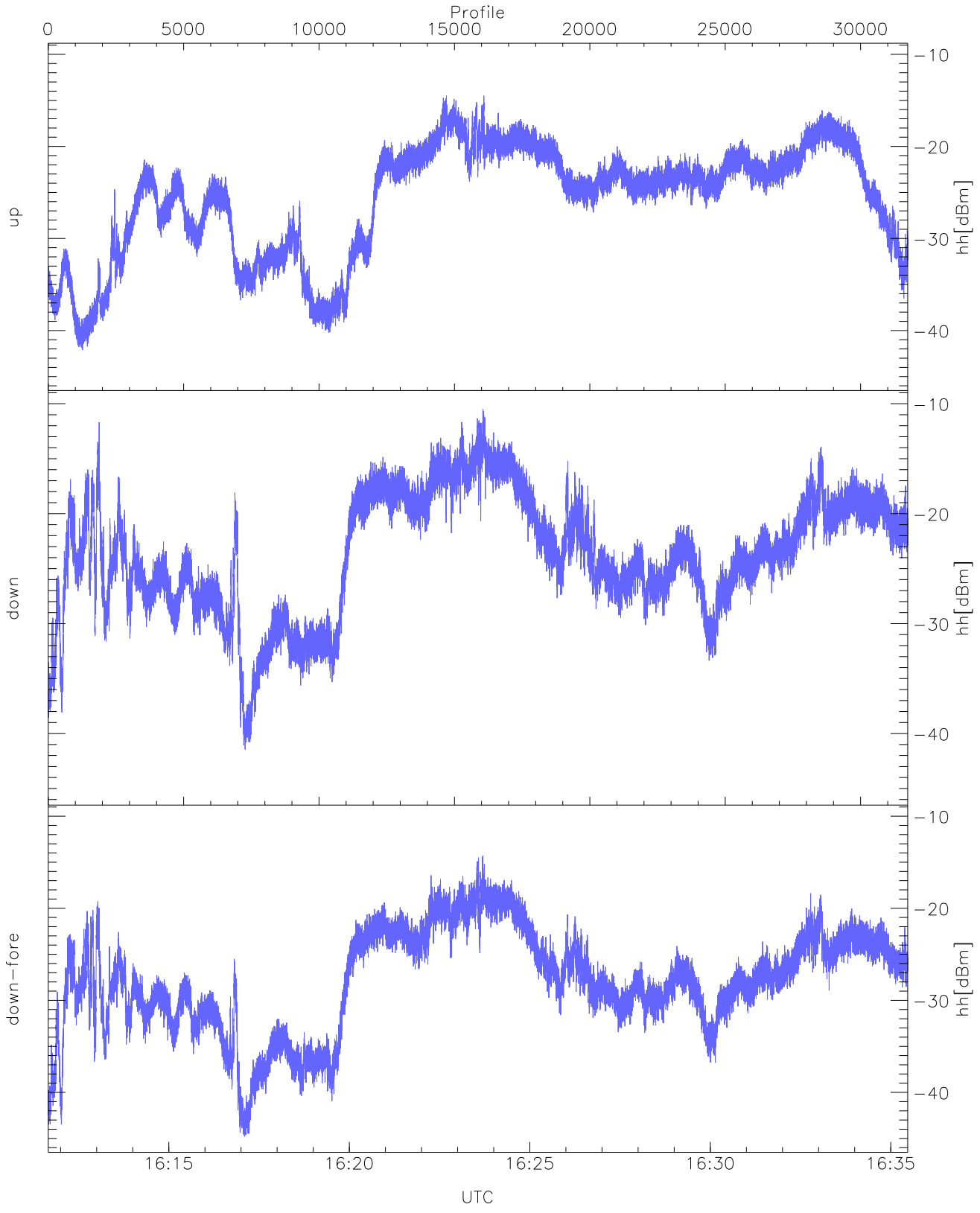
WCR3 CPP Averaged Received power for all recorded gates
blue: 161140-162334, 15871 profiles averaged
red: 162334-163528, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 161140-162334, 15871 profiles averaged
red: 162334-163528, 15871 profiles averaged

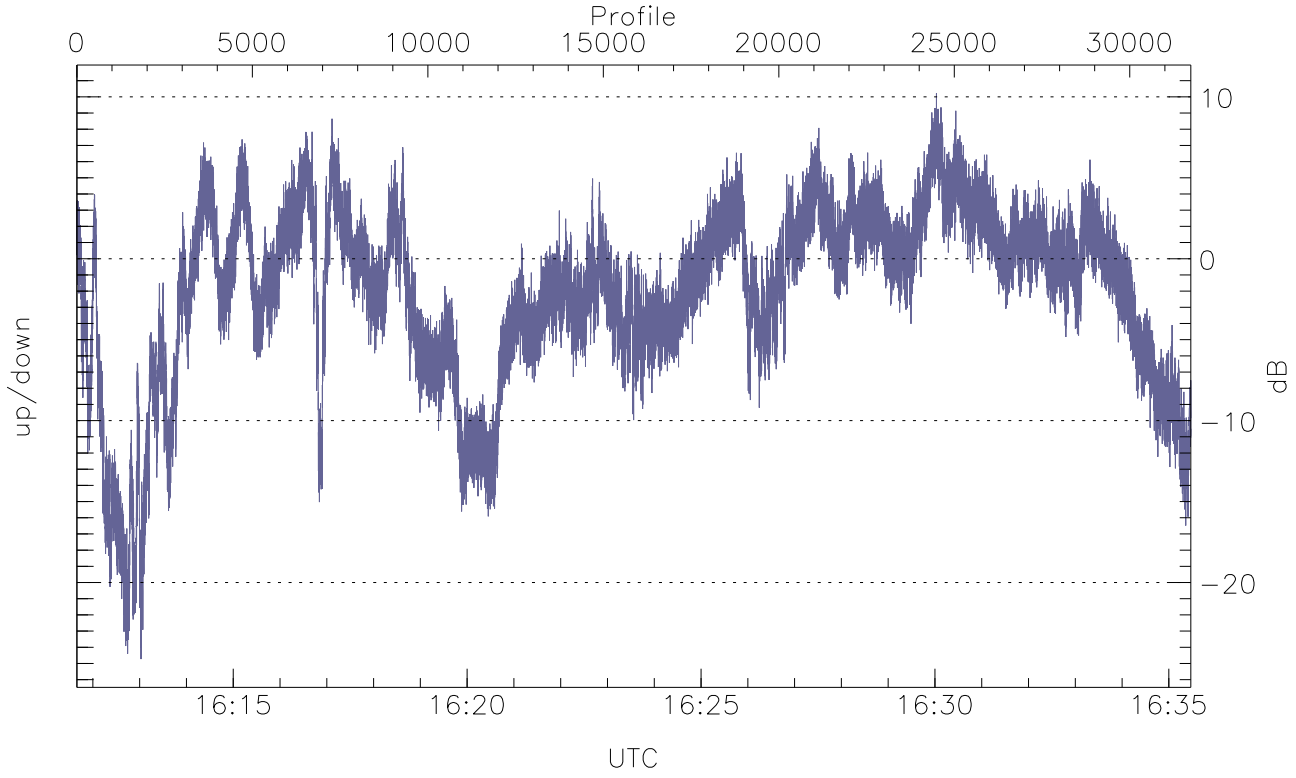


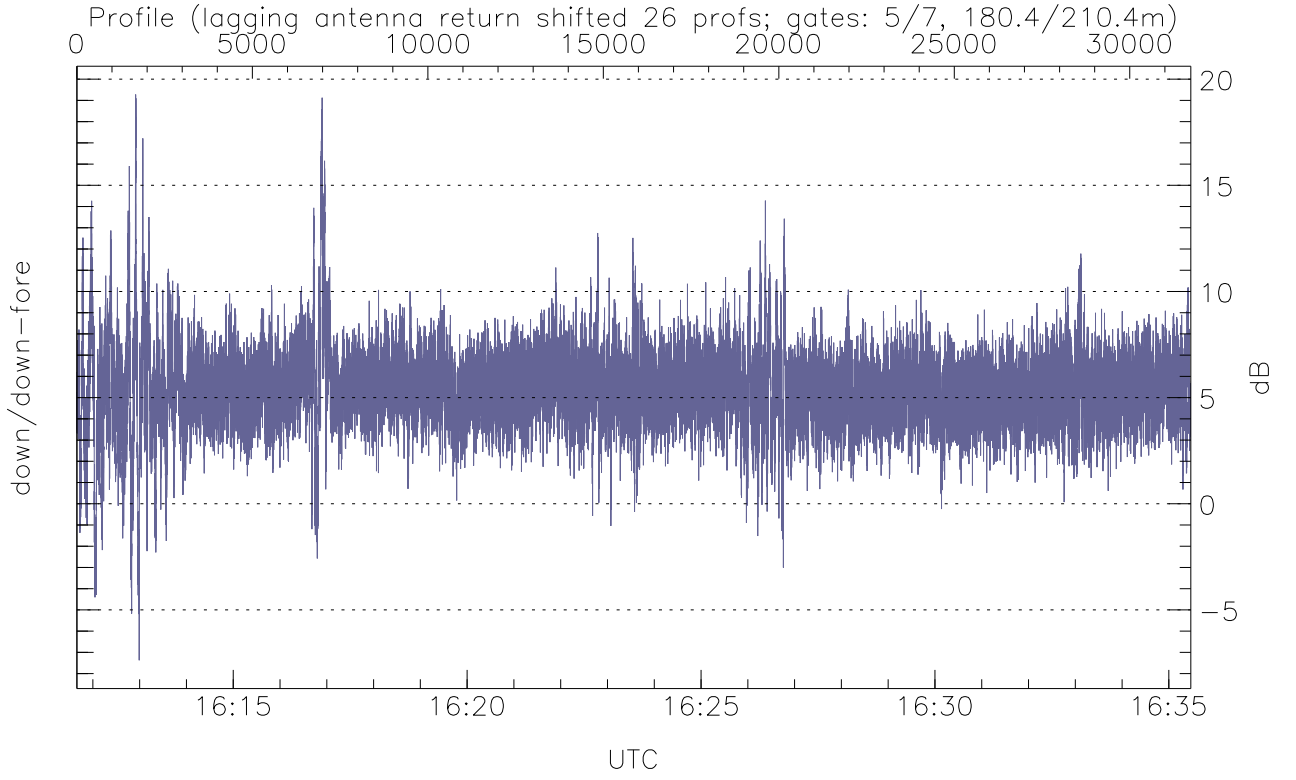
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

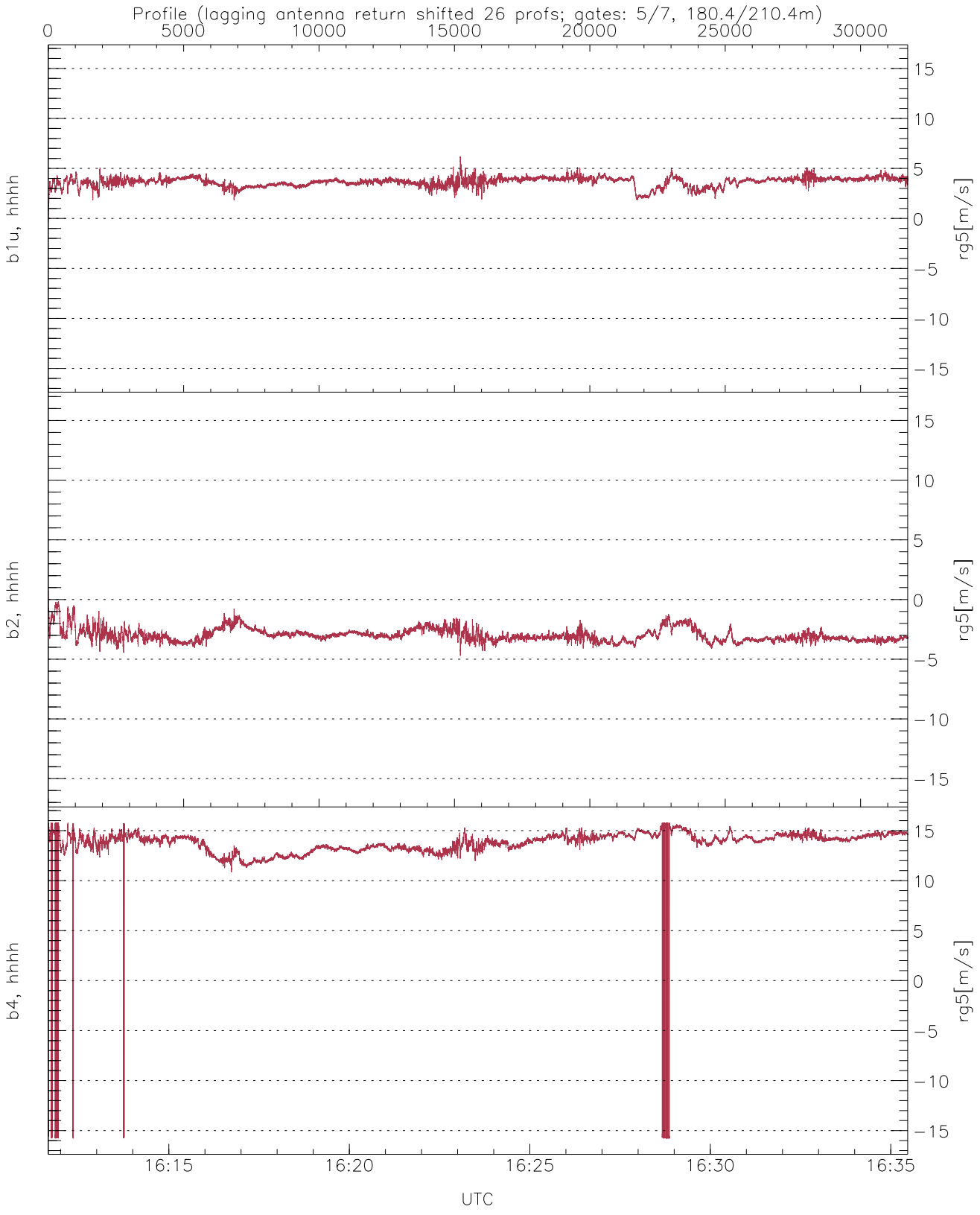
	Min	Max	Mean
up(hh[dBm])	-42.13	-14.45	-22.86
down(hh[dBm])	-41.46	-10.51	-20.84
down-fore(hh[dBm])	-44.79	-14.28	-25.00





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

	Min	Max	Mean
up/down(dB)	-24.73	10.22	-2.09
down/down-fore(dB)	-7.37	19.28	5.38



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.39	6.19	3.65	0.47
b2, hhhh(rg5[m/s])	-4.71	0.74	-2.98	0.55
b4, hhhh(rg5[m/s])	-15.79	15.79	13.60	2.73