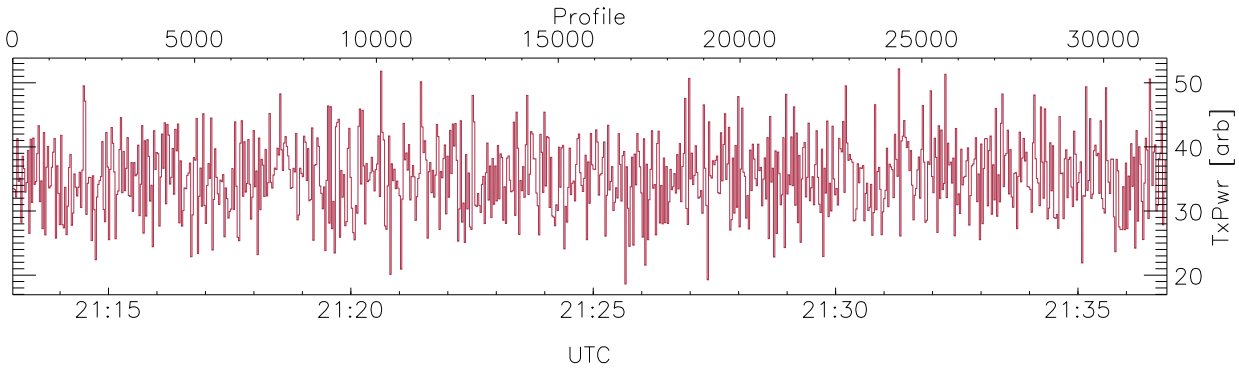
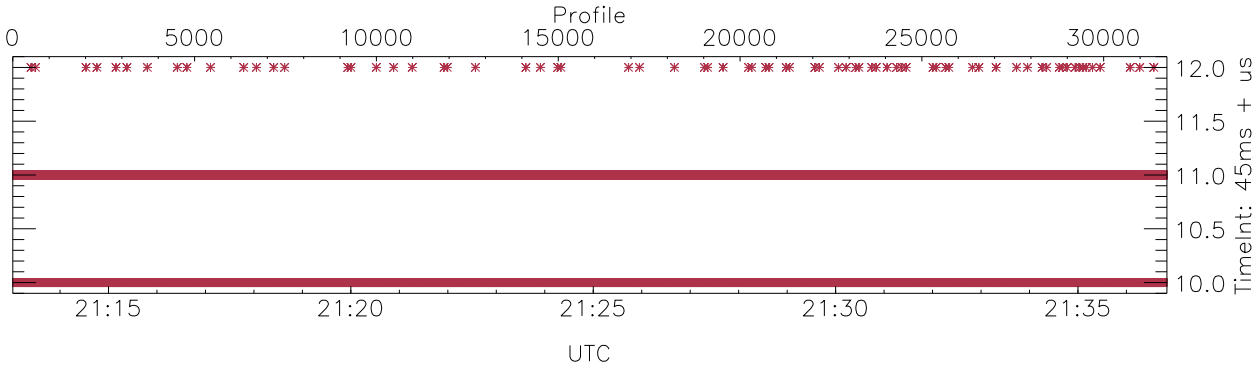
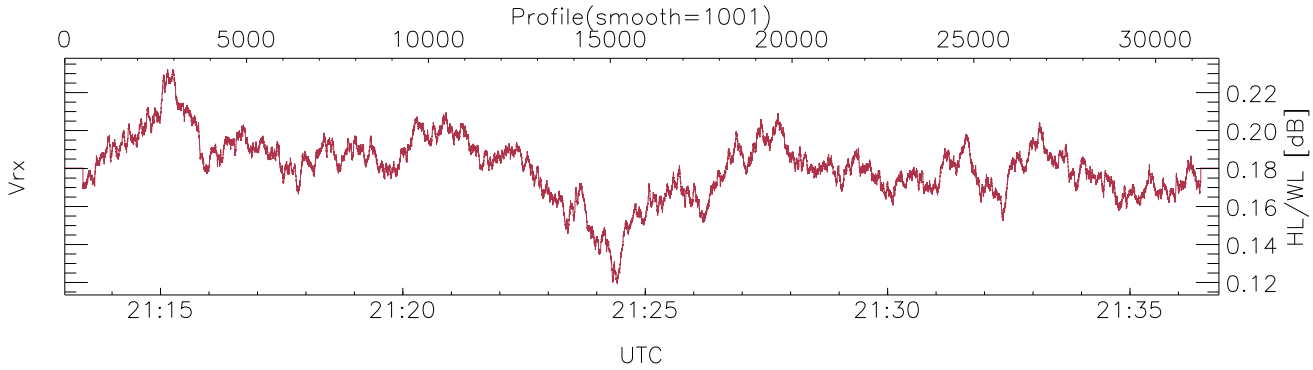
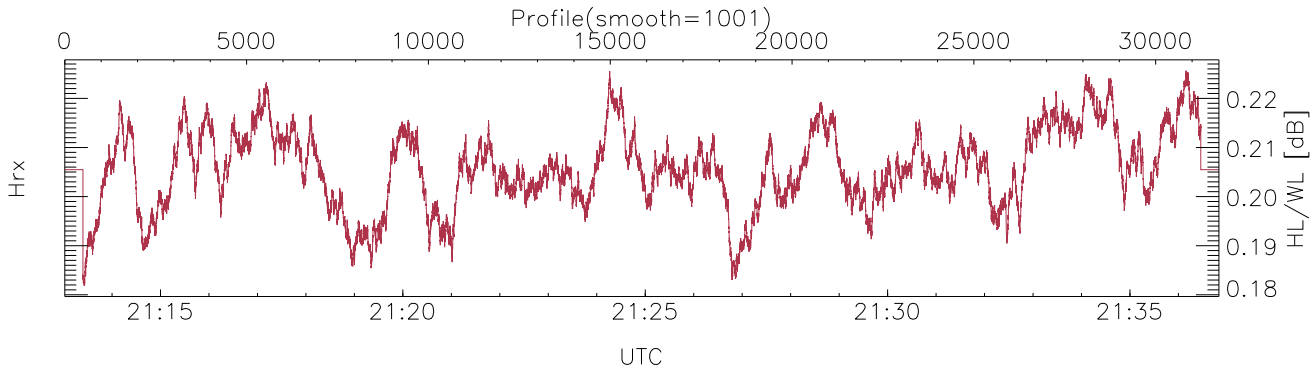


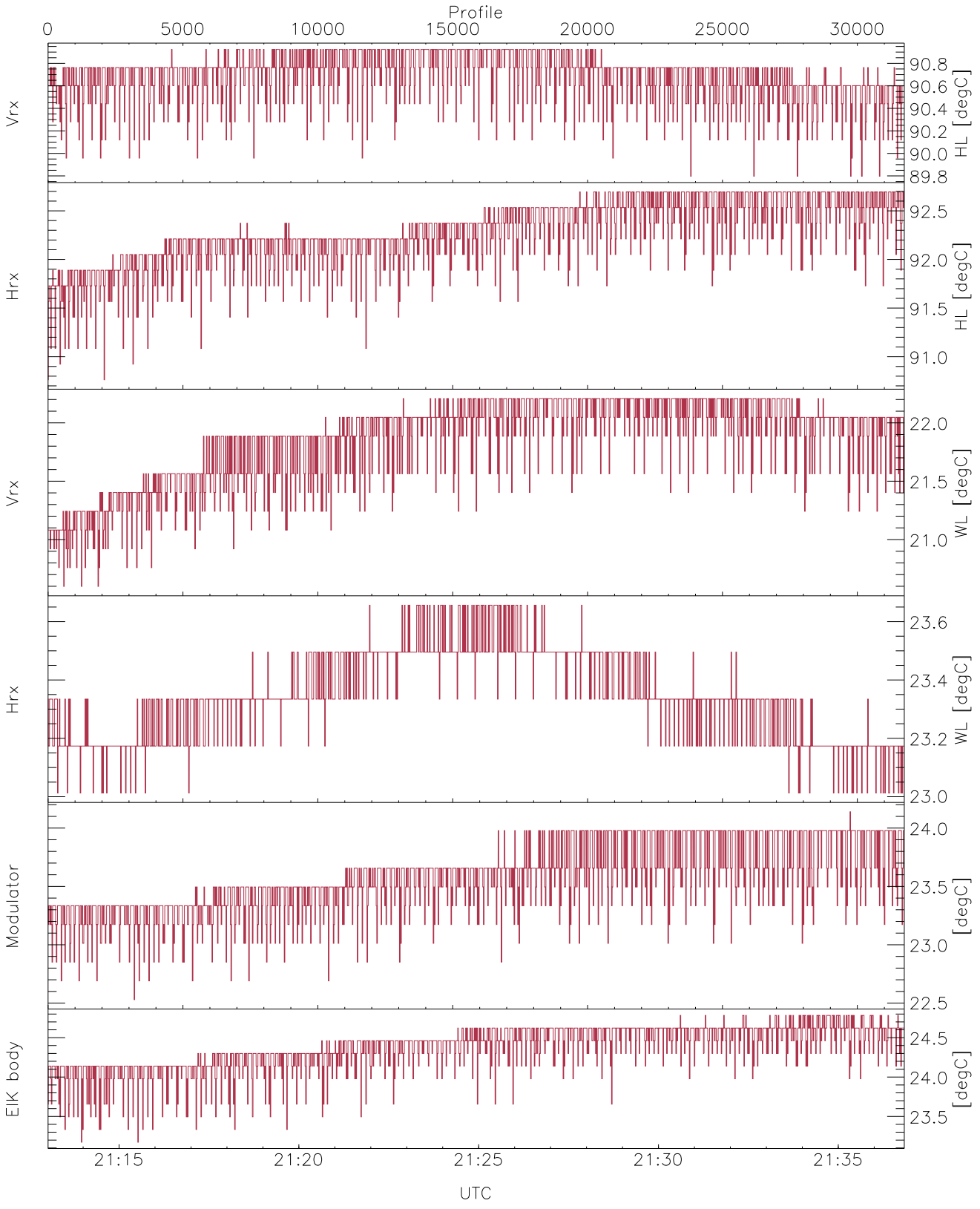






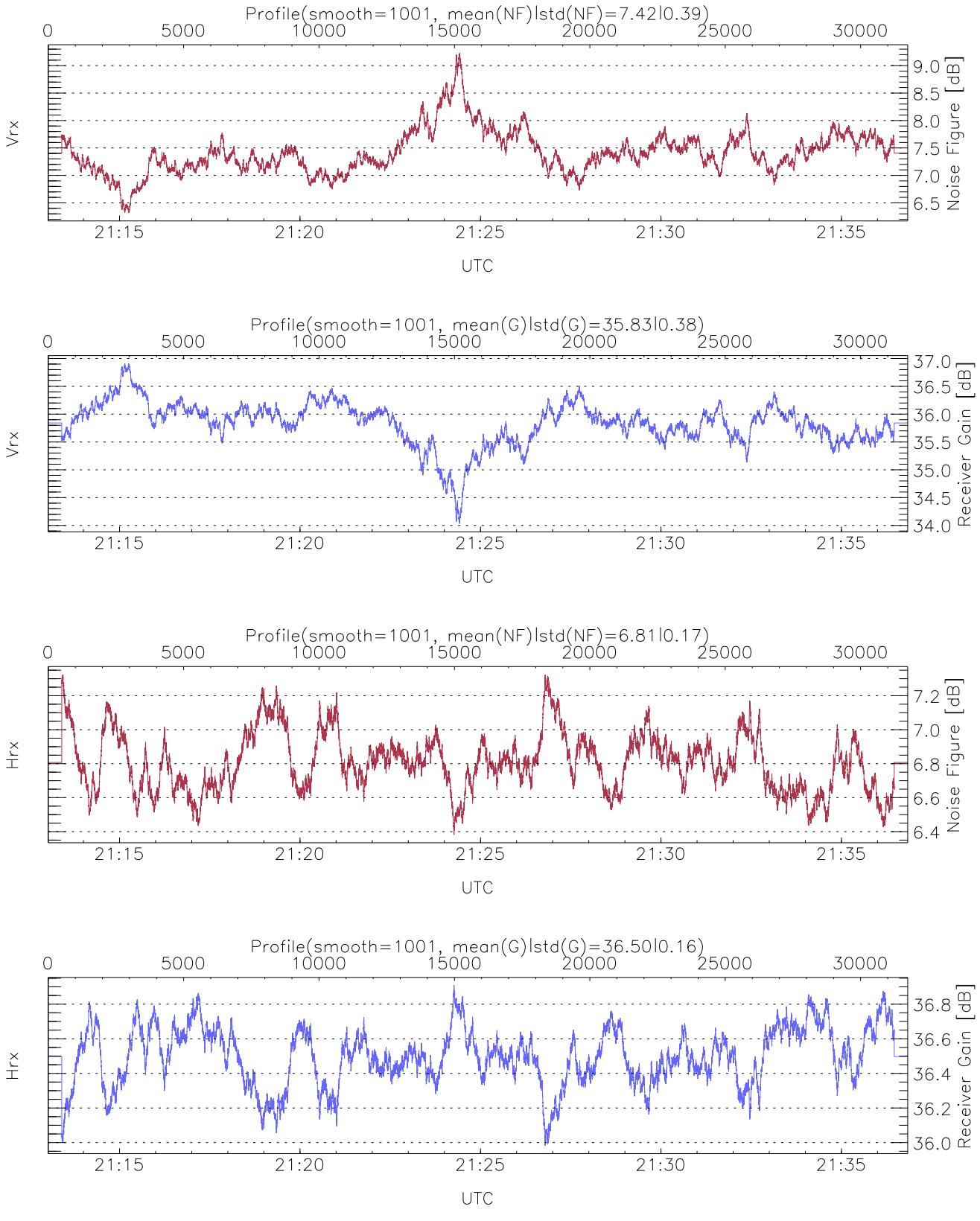
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:13:01-21:36:50, 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, 0-31740/21:13:01-21:36:50
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



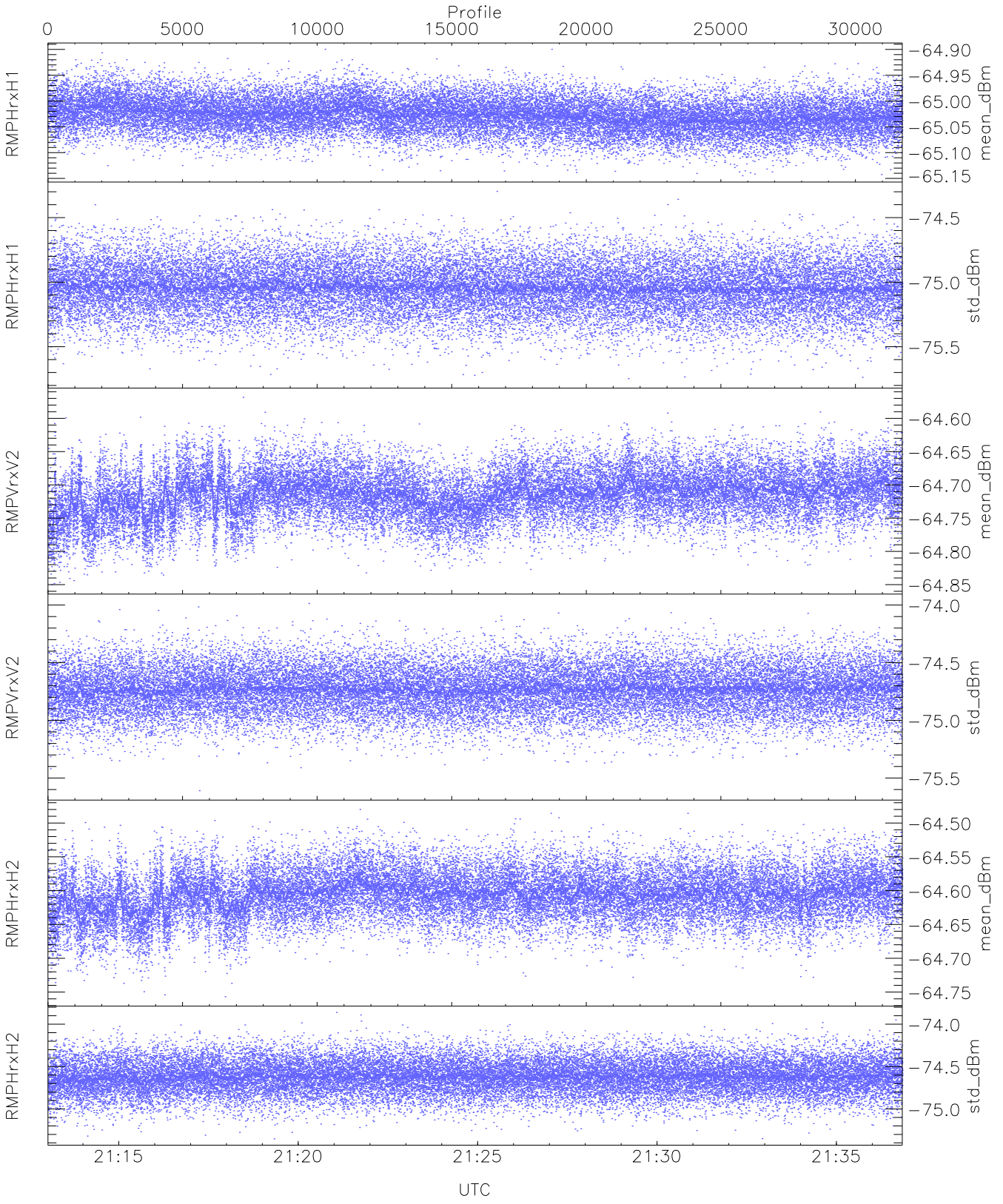
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,90,20,23,22,23
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,22,23,24,24
LOalarm(20,240,2817,14861 MHz): 0,0,44,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)



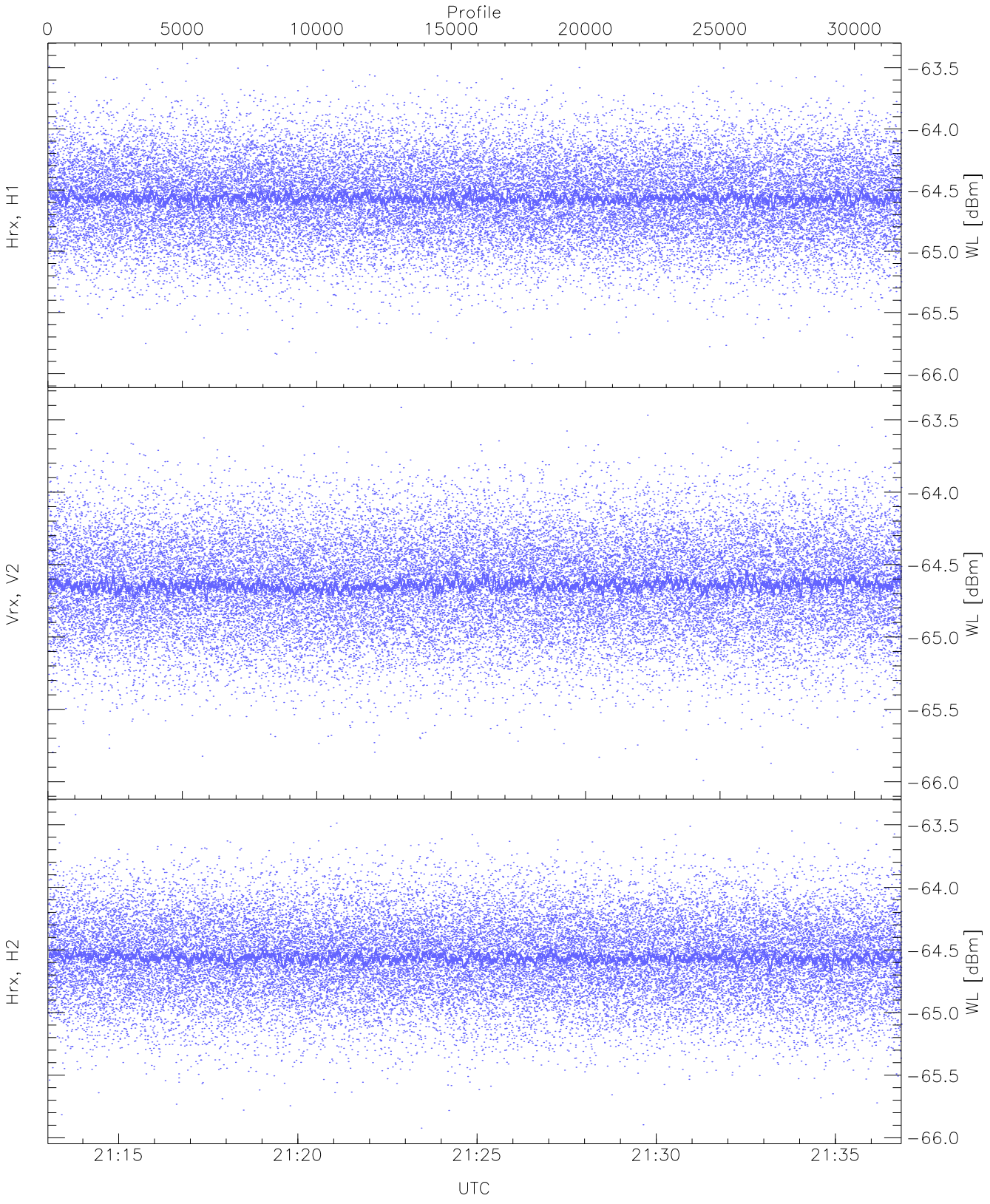
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 3 pixs, 1 gates, 3 profs, 1 prod(s)



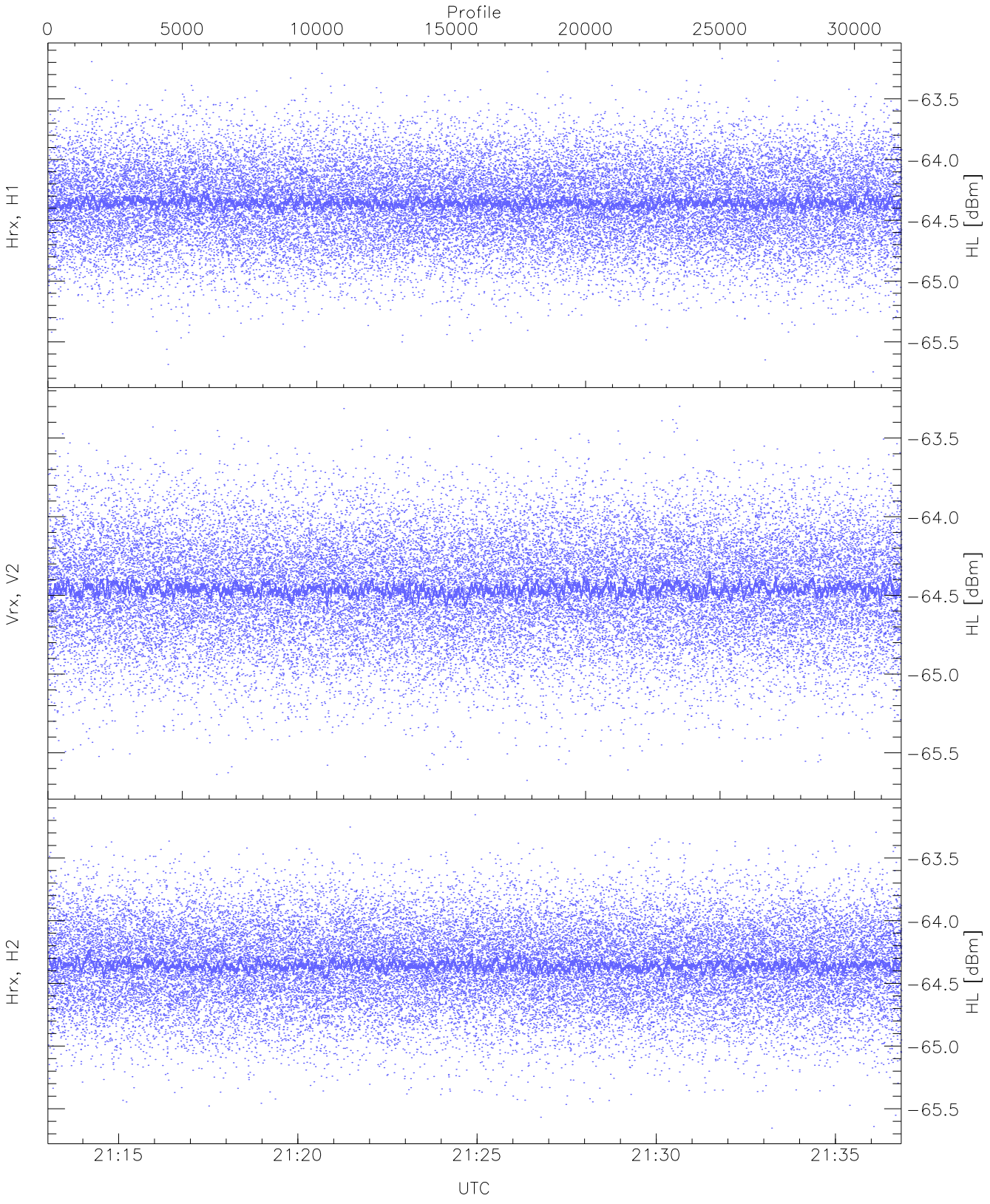
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.14	-64.90	-65.03	-65.03	-86.47
RMPHrxH1(std_dBm)	-75.75	-74.30	-75.04	-75.04	-88.84
RMPVrxV2(mean_dBm)	-64.85	-64.57	-64.71	-64.71	-85.64
RMPVrxV2(std_dBm)	-75.61	-73.99	-74.73	-74.73	-88.49
RMPHrxH2(mean_dBm)	-64.76	-64.48	-64.61	-64.61	-85.75
RMPHrxH2(std_dBm)	-75.35	-73.86	-74.62	-74.62	-88.40



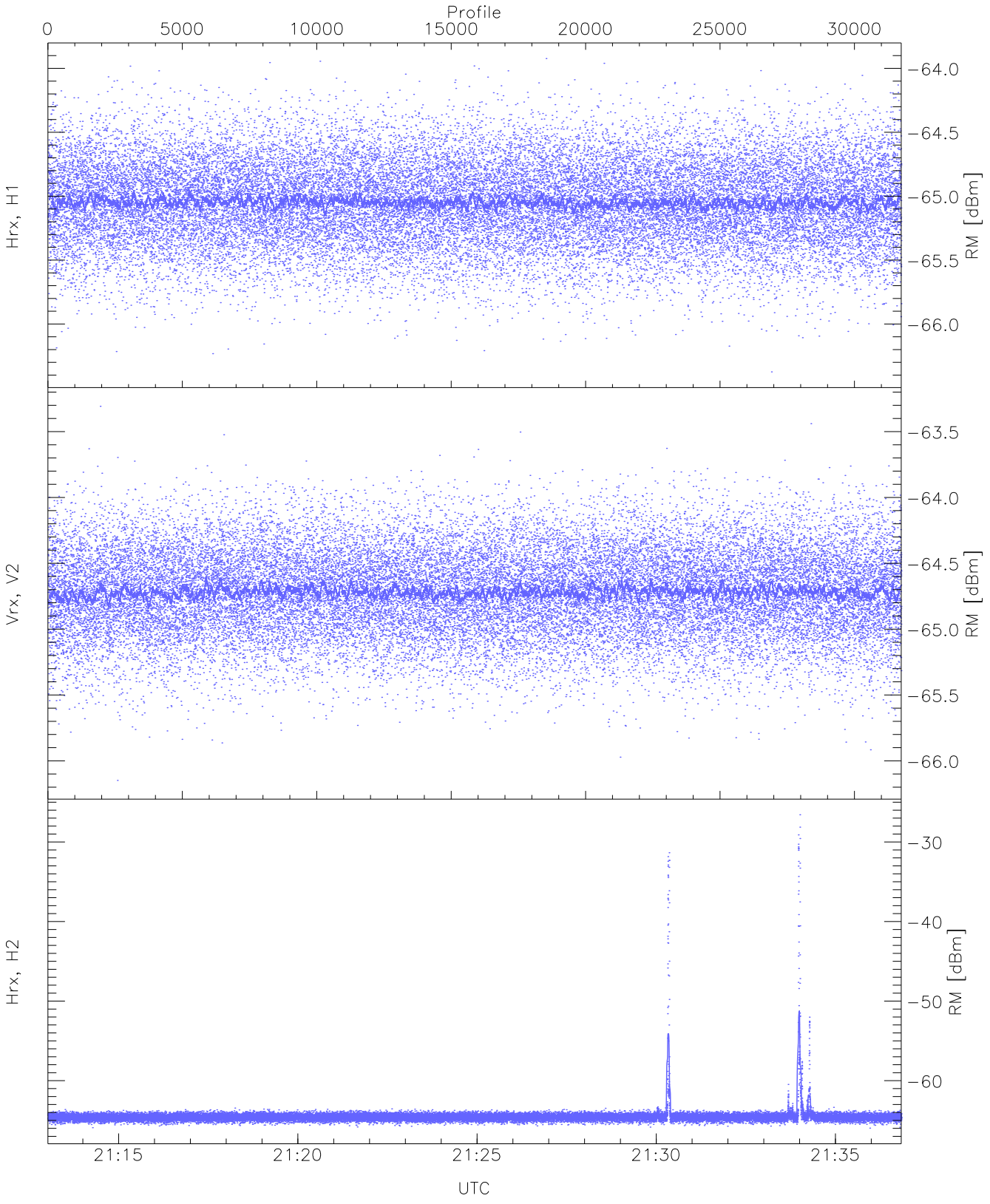
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-65.99	-63.43	-64.56	-64.56	-76.05
Vrx, V2(WL [dBm])	-65.99	-63.41	-64.63	-64.64	-76.11
Hrx, H2(WL [dBm])	-65.92	-63.42	-64.55	-64.56	-76.08



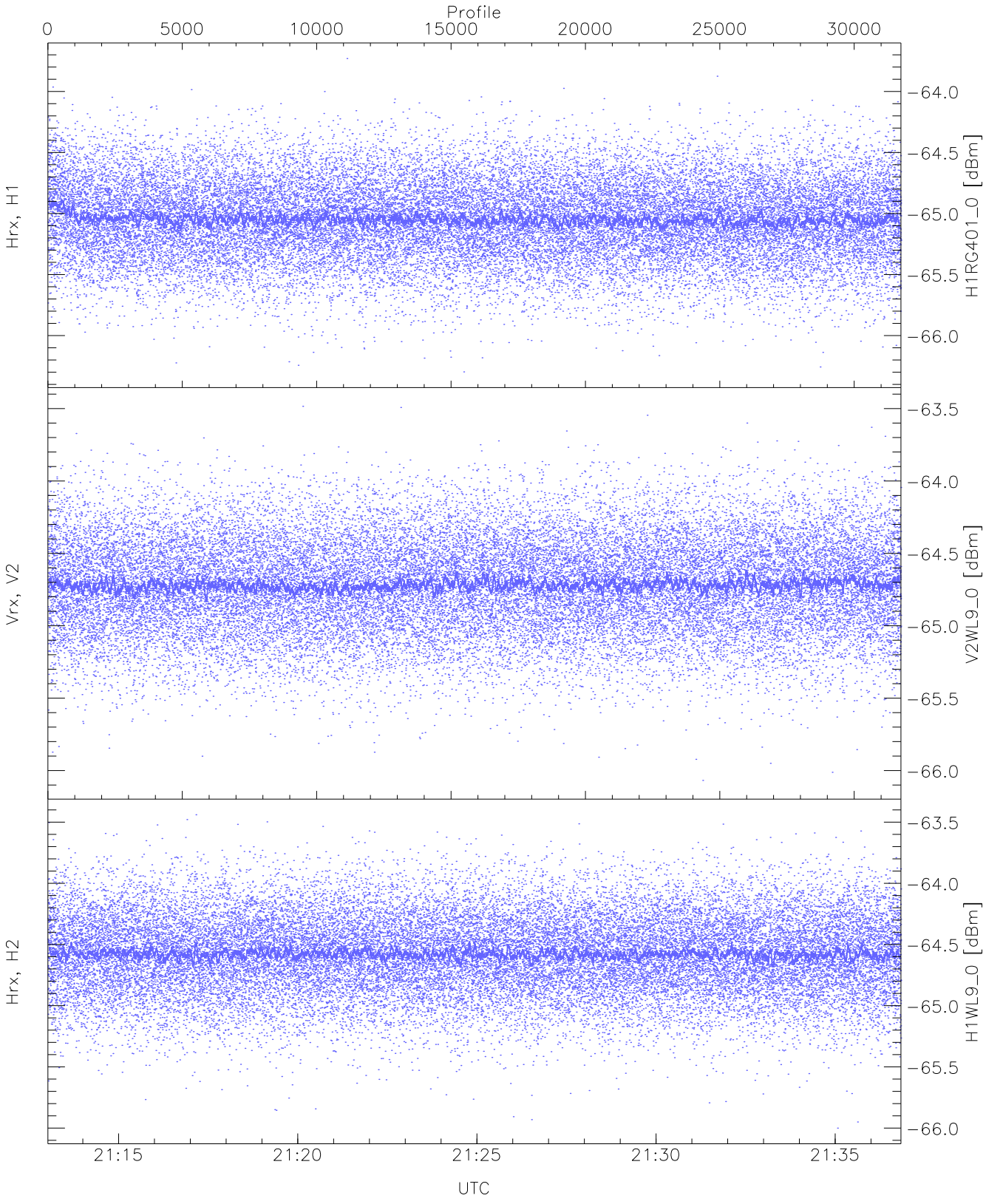
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.75	-63.17	-64.35	-64.36	-75.88
Vrx, V2(HL [dBm])	-65.68	-63.30	-64.45	-64.46	-75.99
Hrx, H2(HL [dBm])	-65.65	-63.16	-64.35	-64.36	-75.86



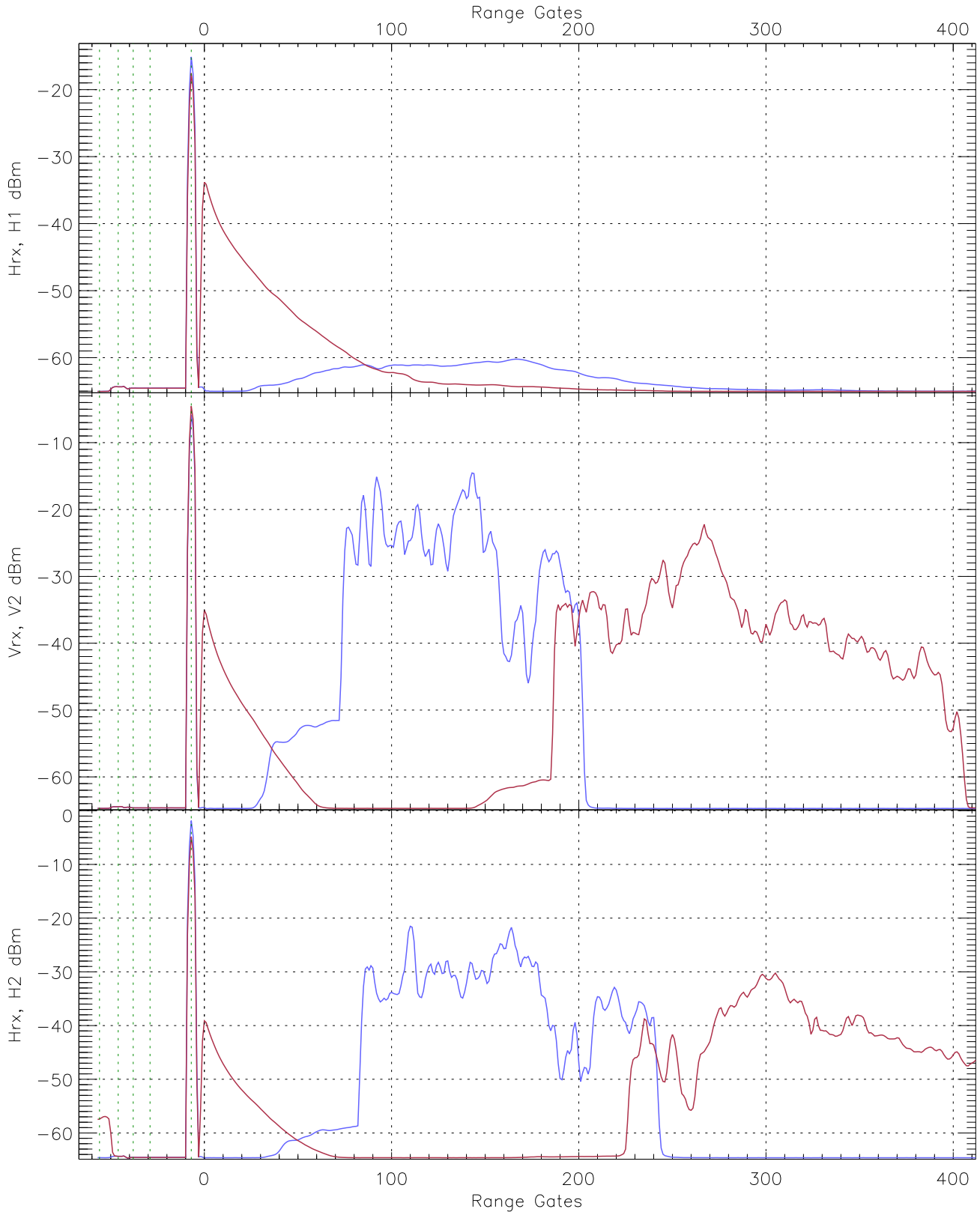
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.37	-63.92	-65.04	-65.05	-76.54
Vrx, V2(RM [dBm])	-66.15	-63.31	-64.71	-64.72	-76.21
Hrx, H2(RM [dBm])	-65.97	-26.58	-59.66	-64.59	-46.09

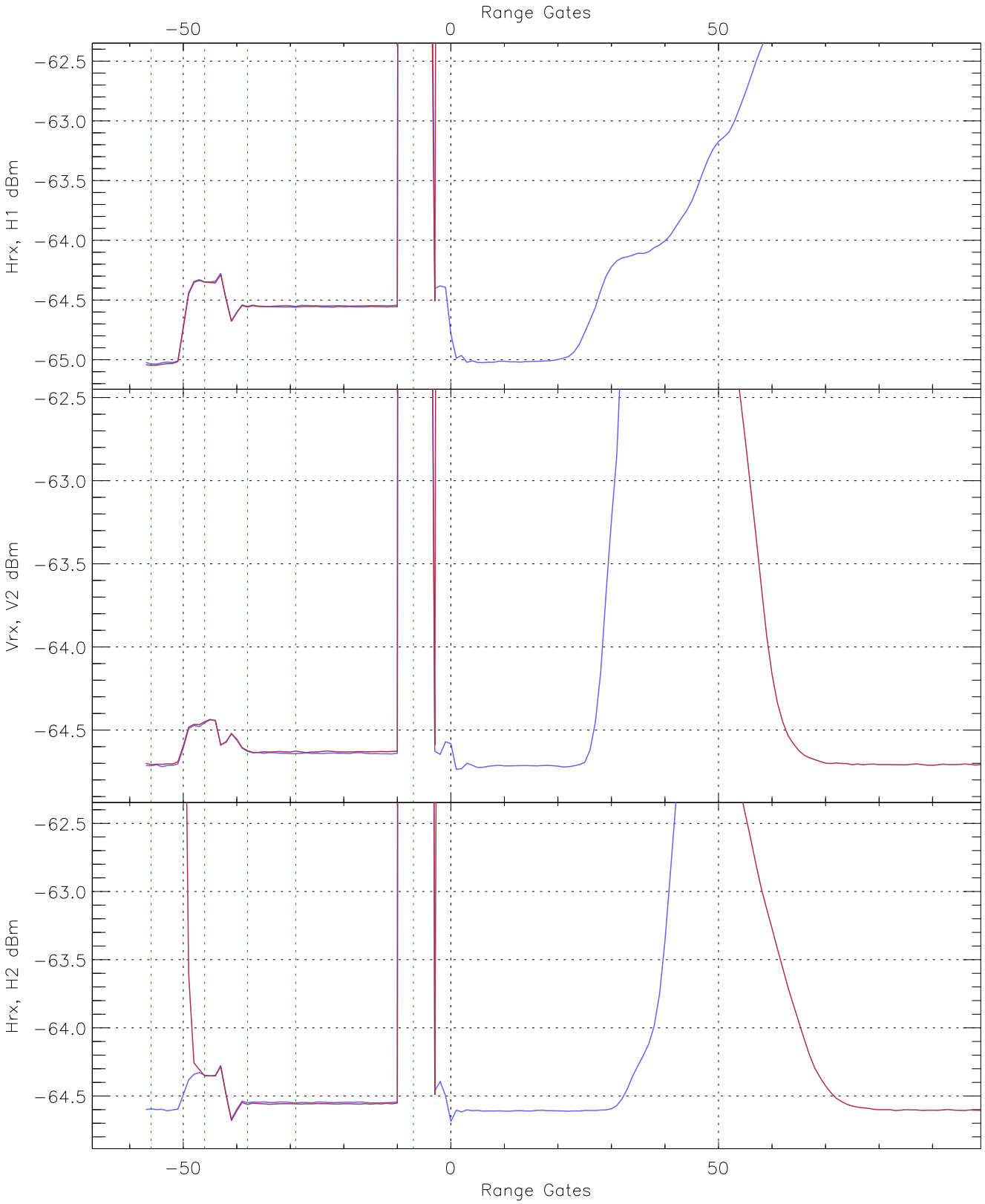


WCR3 CPP "Best" estimate Receivers Noise Power

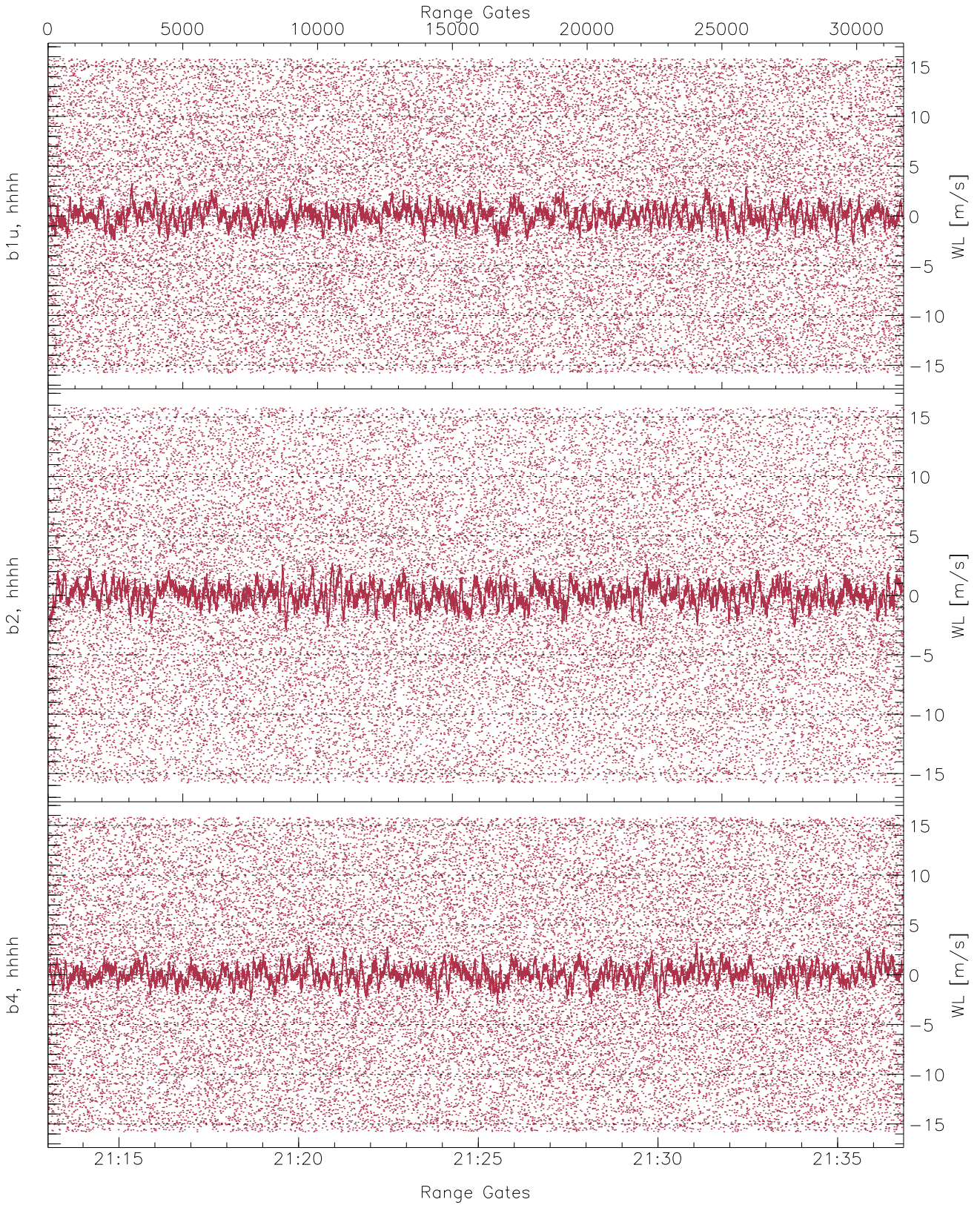
	Min	Max	Mean	Median	StDev
H1RG401_0 [dBm]	-66.30	-63.73	-65.04	-65.05	-76.53
V2WL9_0 [dBm]	-66.07	-63.48	-64.71	-64.72	-76.19
H1WL9_0 [dBm]	-66.00	-63.44	-64.57	-64.58	-76.07



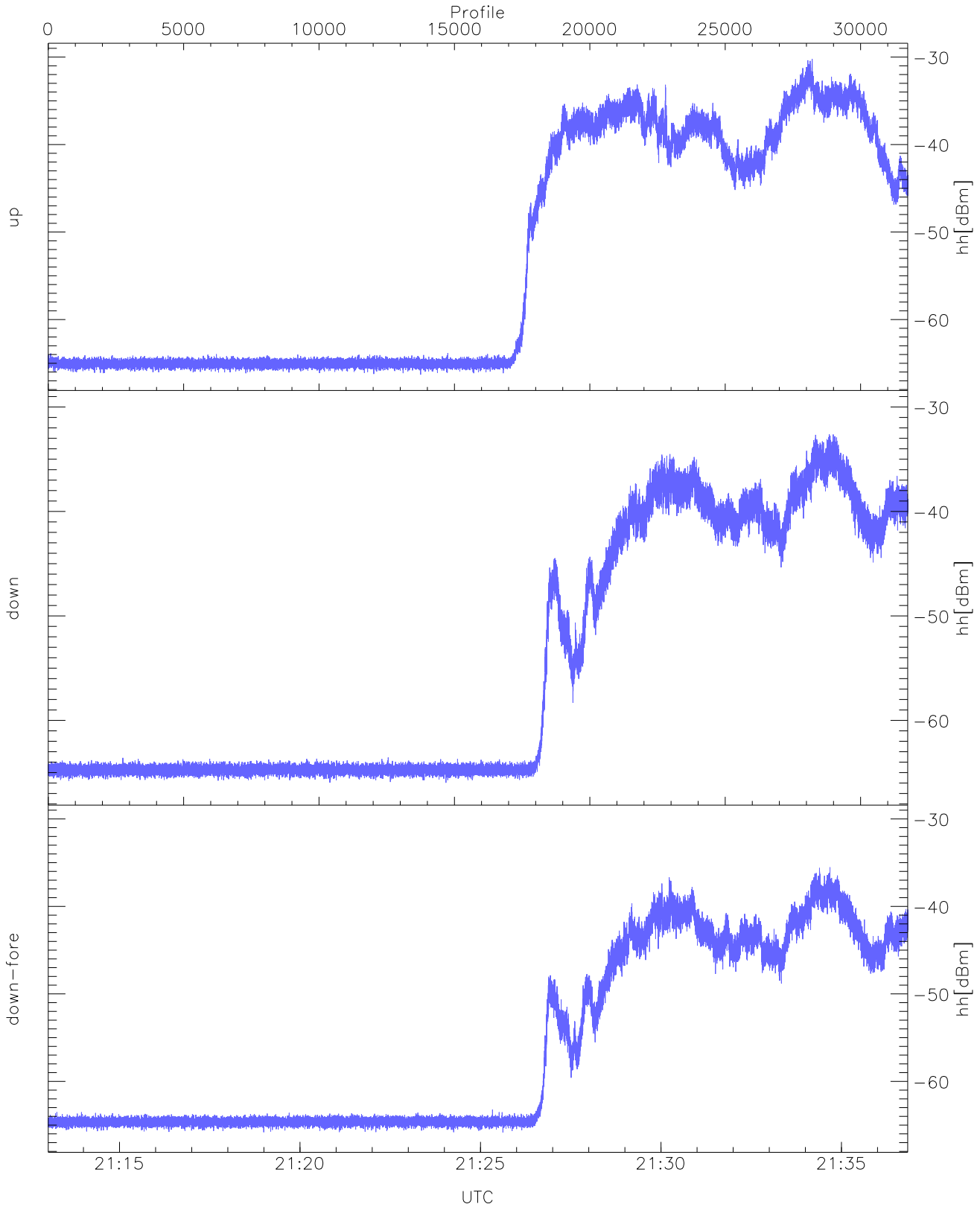
WCR3 CPP Averaged Received power for all recorded gates
blue: 211301-212456, 15871 profiles averaged
red: 212456-213650, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 211301-212456, 15871 profiles averaged
red: 212456-213650, 15871 profiles averaged

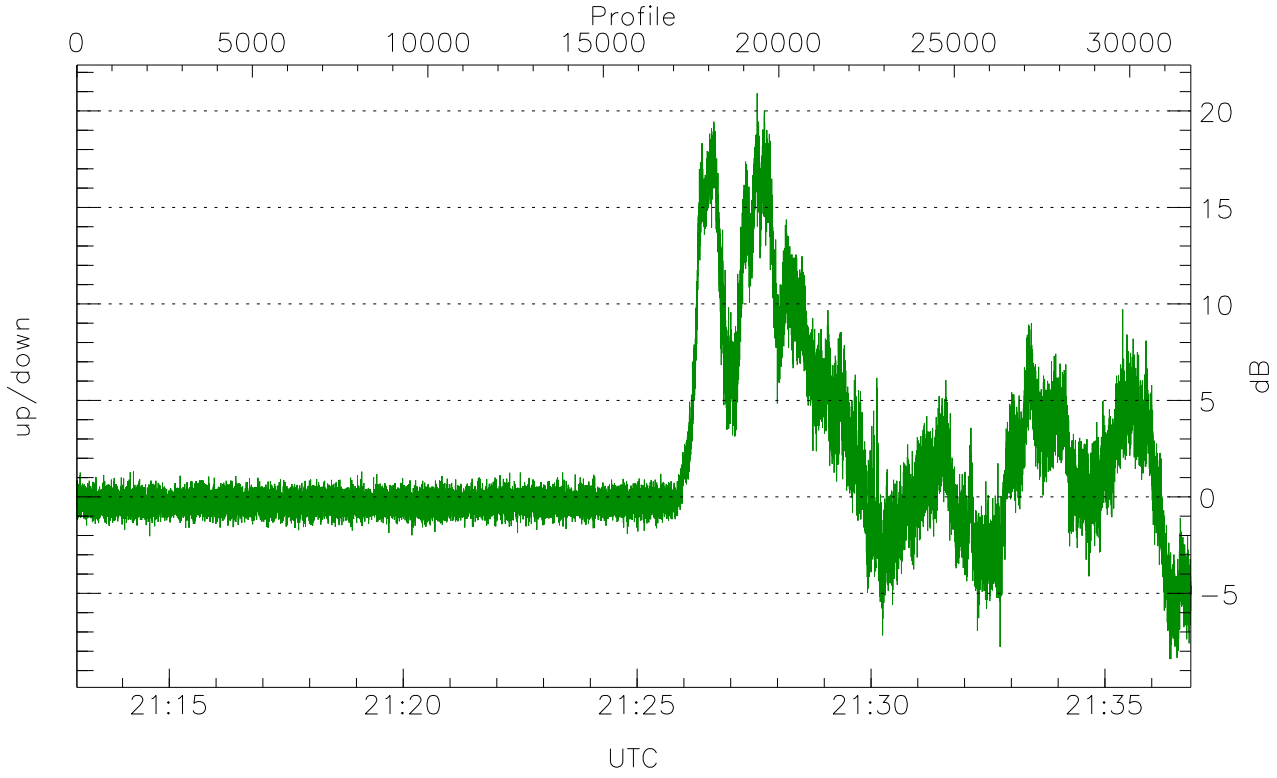


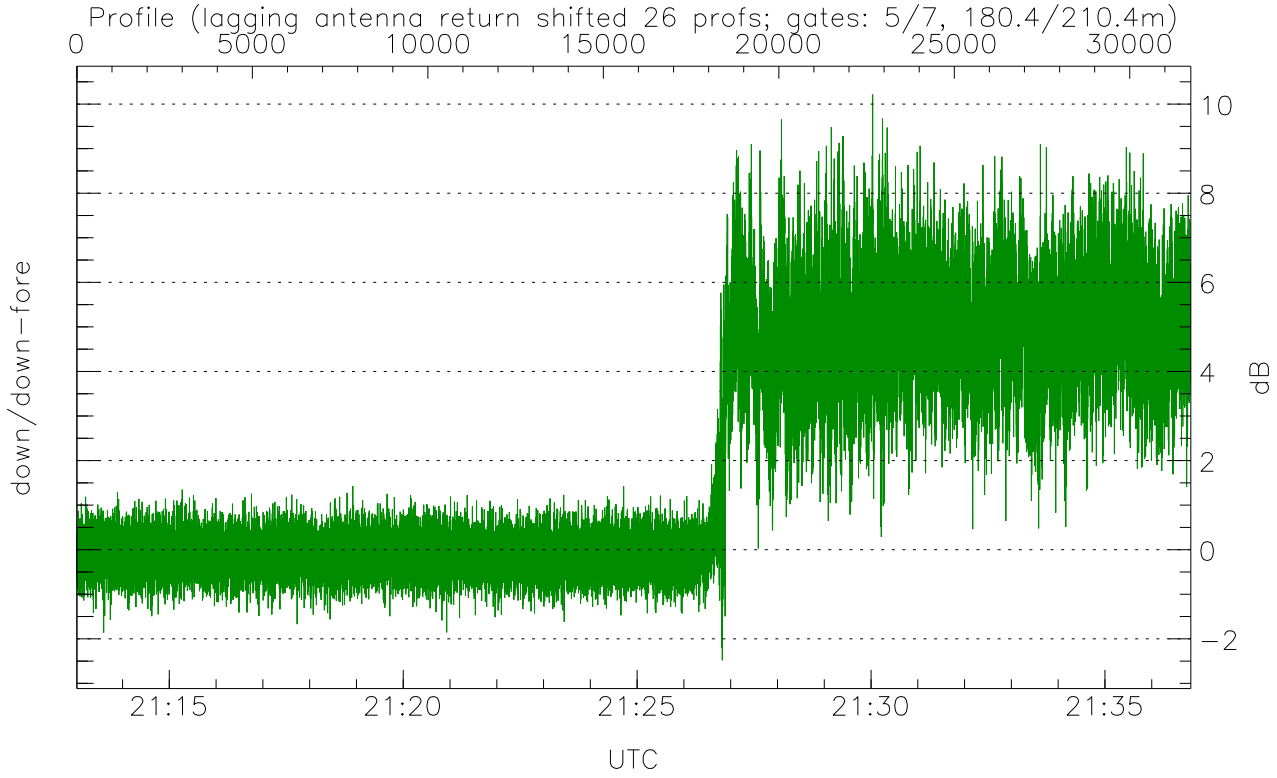
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

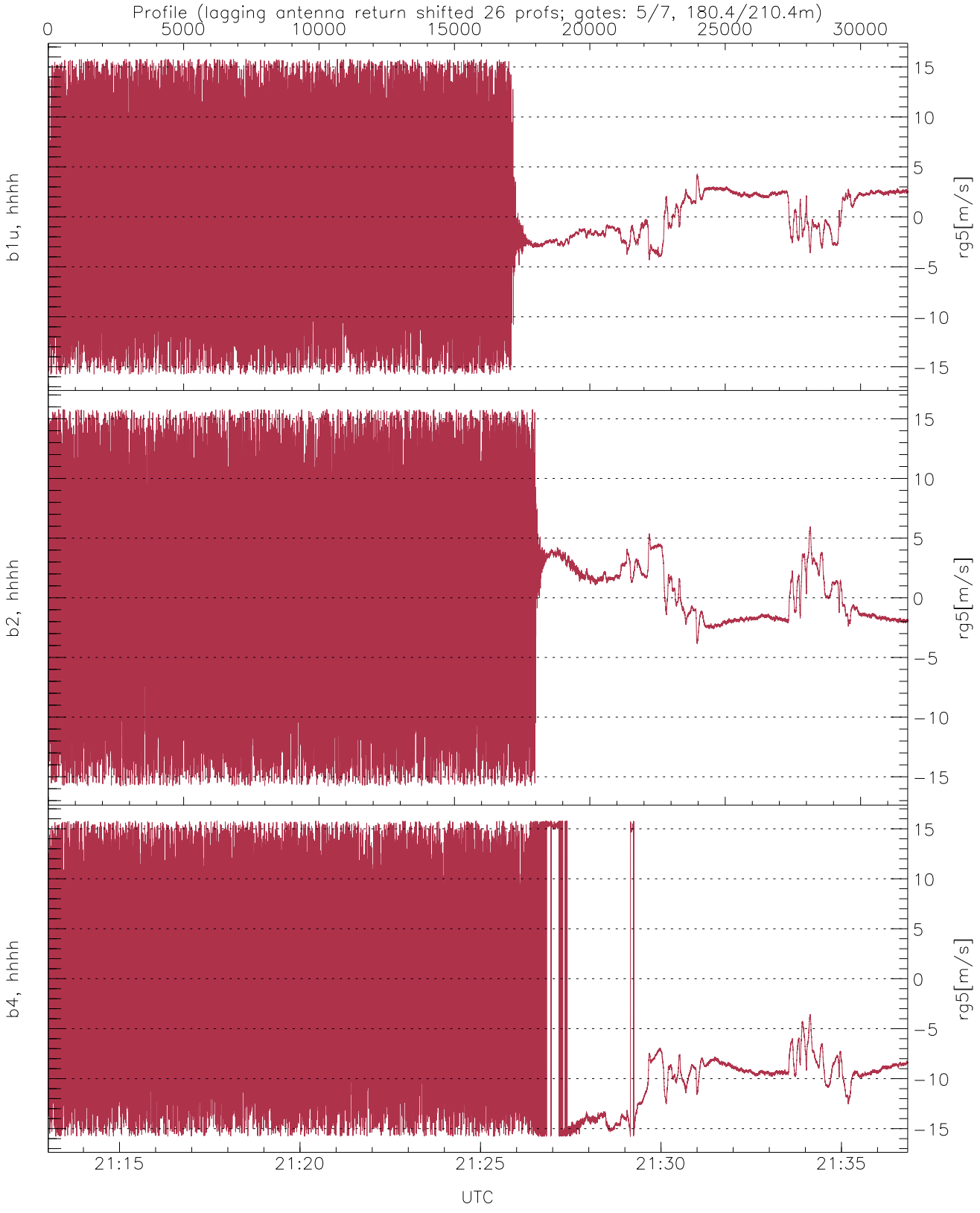
	Min	Max	Mean
up(hh[dBm])	-66.30	-30.22	-40.83
down(hh[dBm])	-65.97	-32.61	-43.00
down-fore(hh[dBm])	-65.84	-35.53	-46.40





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

	Min	Max	Mean
up/down(dB)	-8.40	20.91	1.46
down/down-fore(dB)	-2.48	10.22	2.03



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.09	6.57
b2, hhhh(rg5[m/s])	-15.79	15.79	0.21	6.64
b4, hhhh(rg5[m/s])	-15.79	15.79	-3.65	9.08