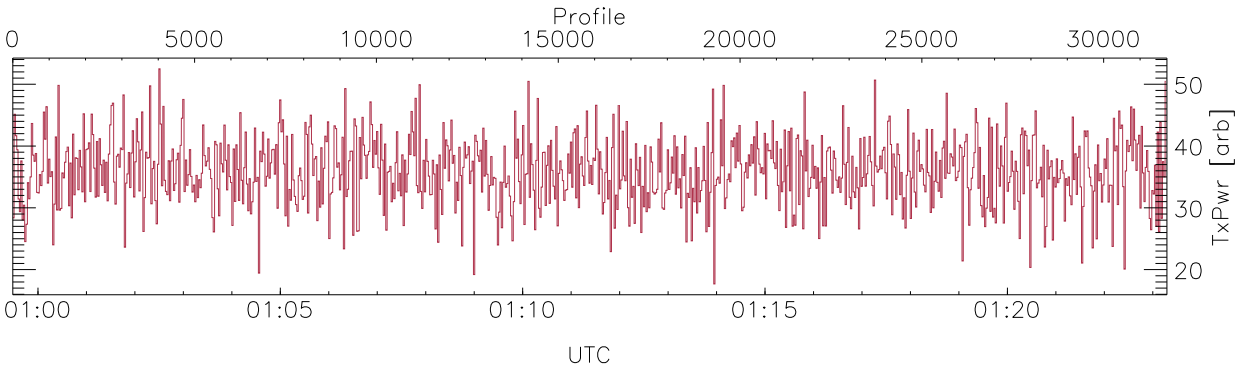
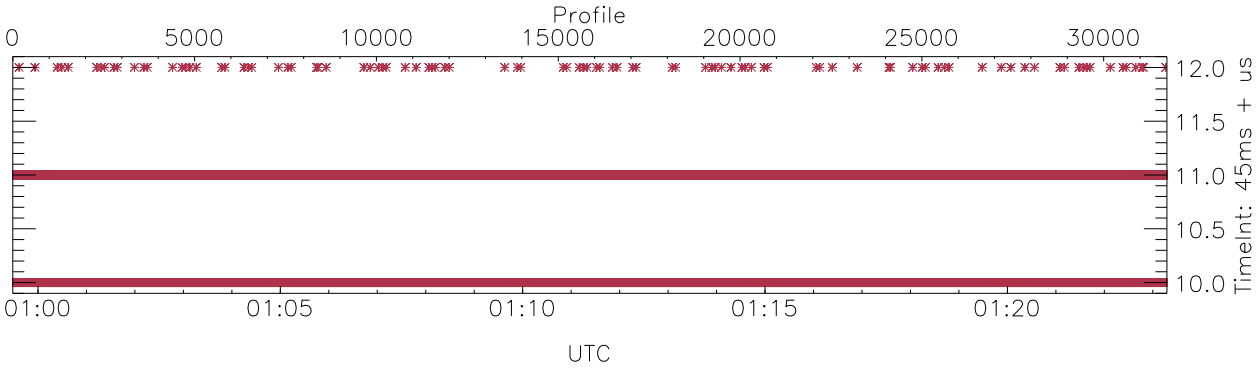
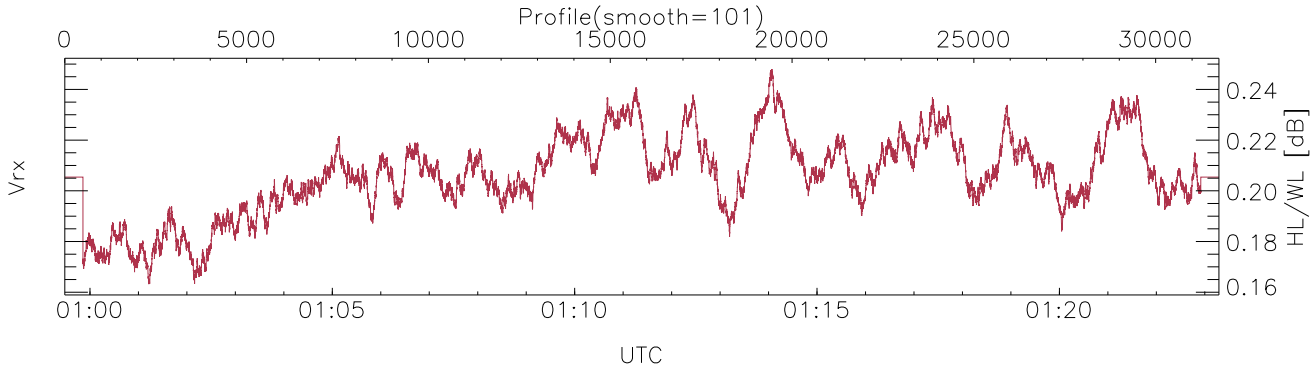
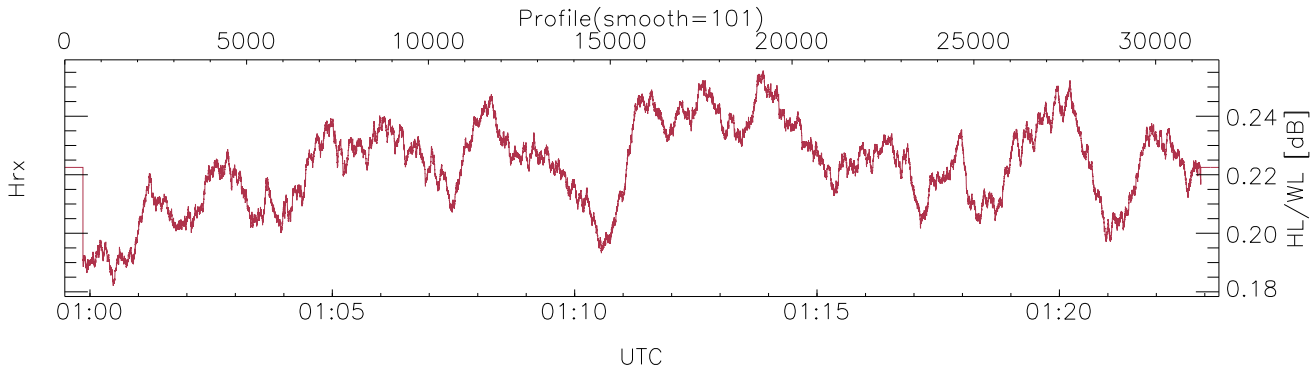


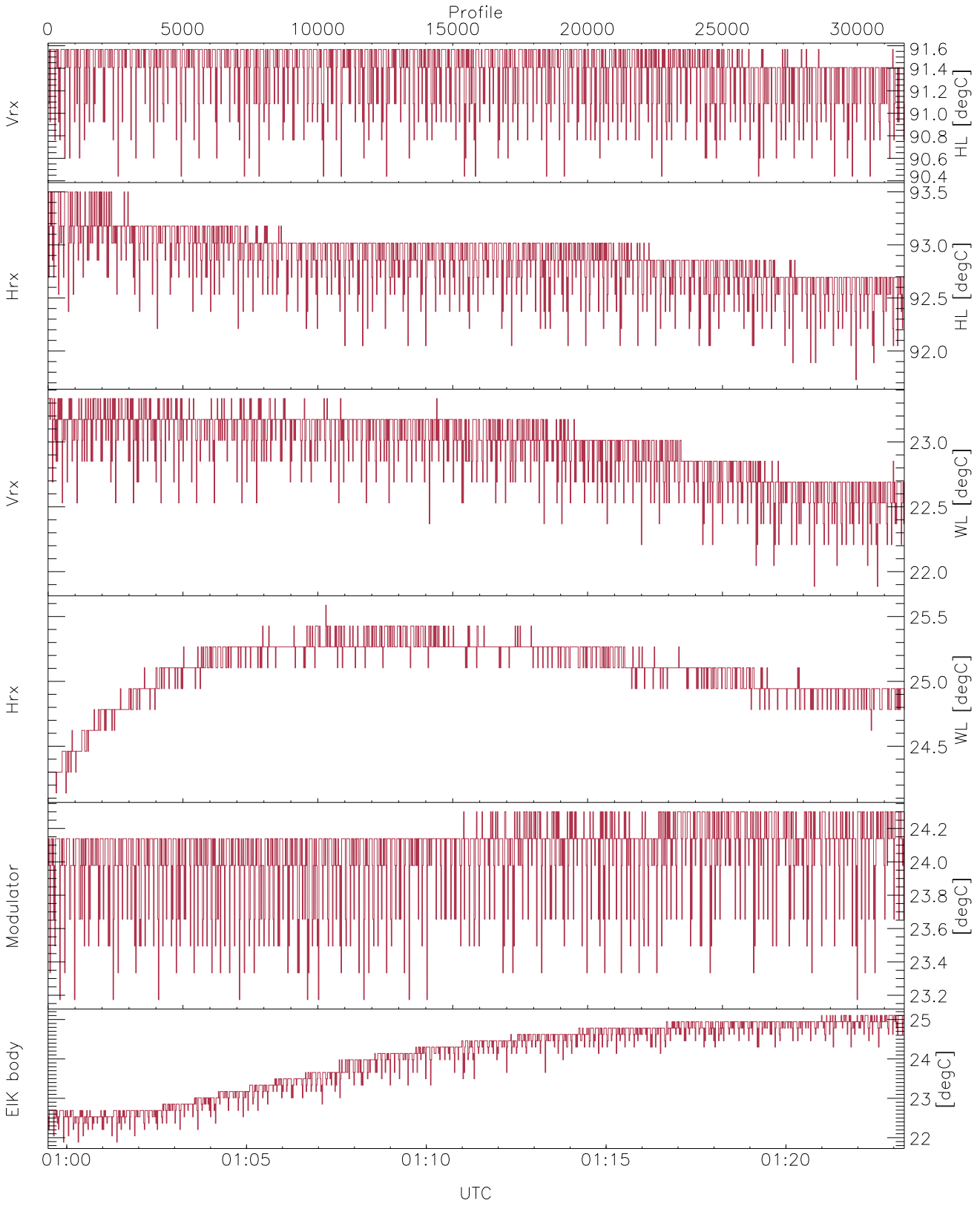






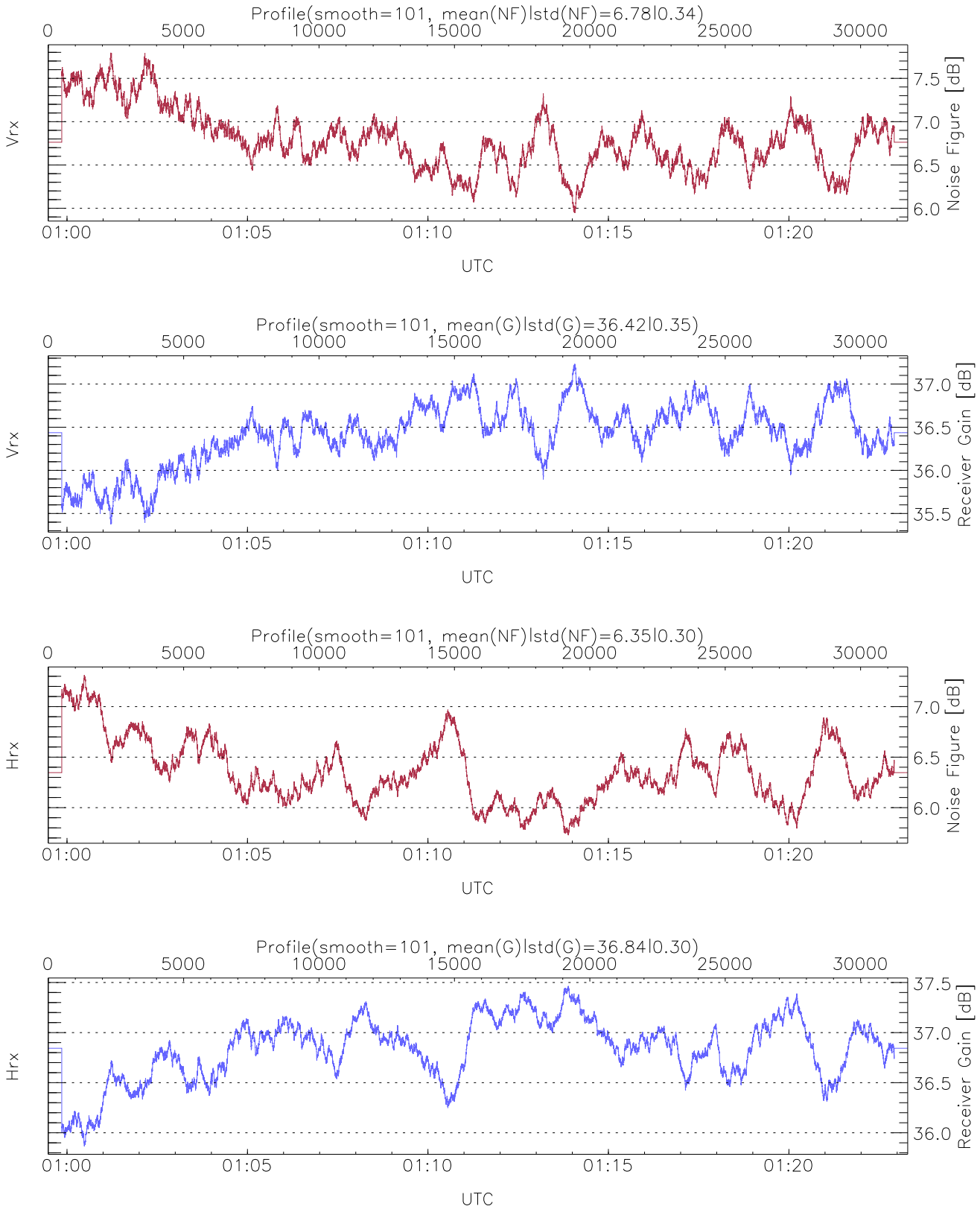
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 00:59:29-01:23:17, 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, 0-31740/00:59:29-01:23:17
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



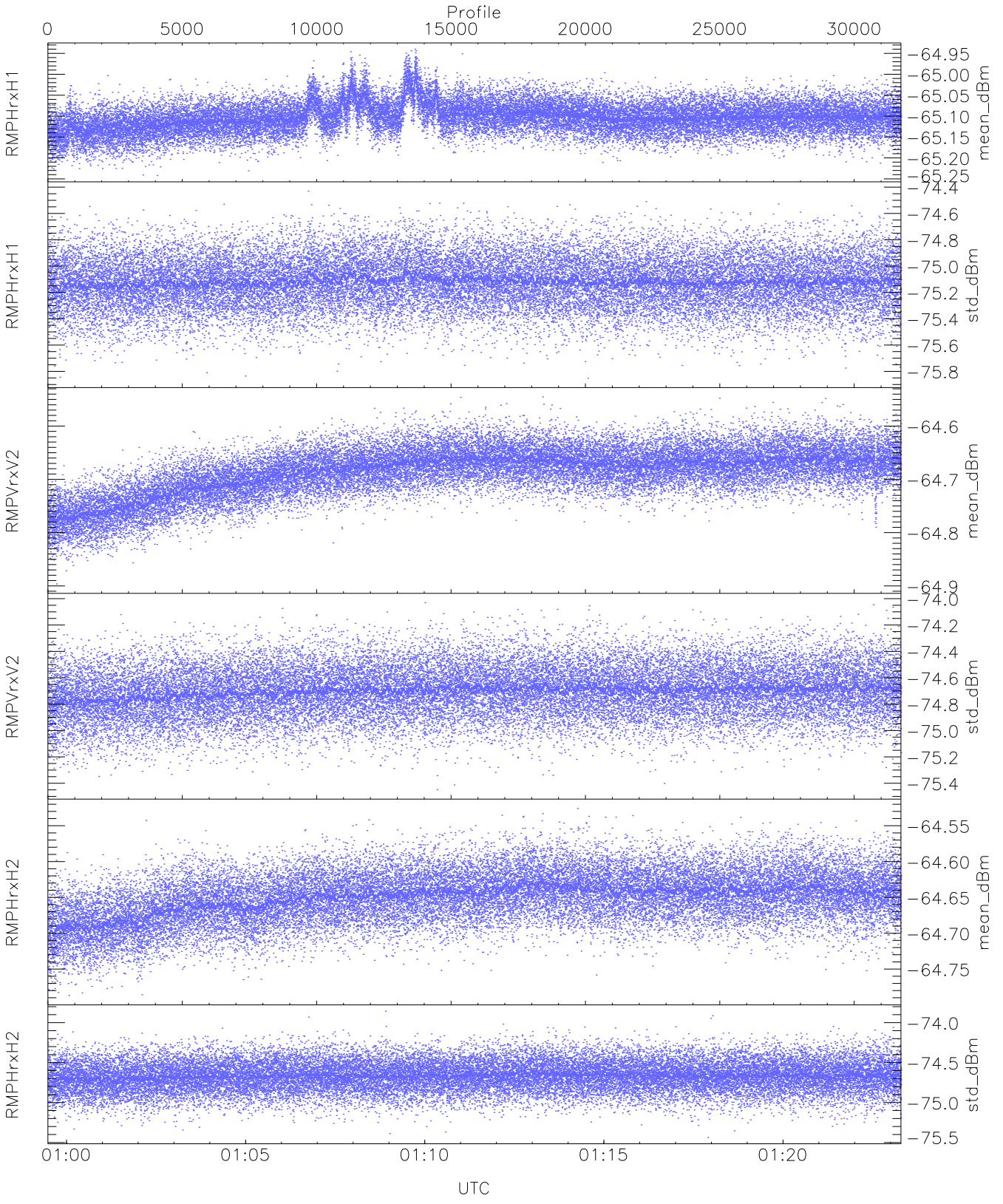
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,24,23,21
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,23,25,24,25
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)



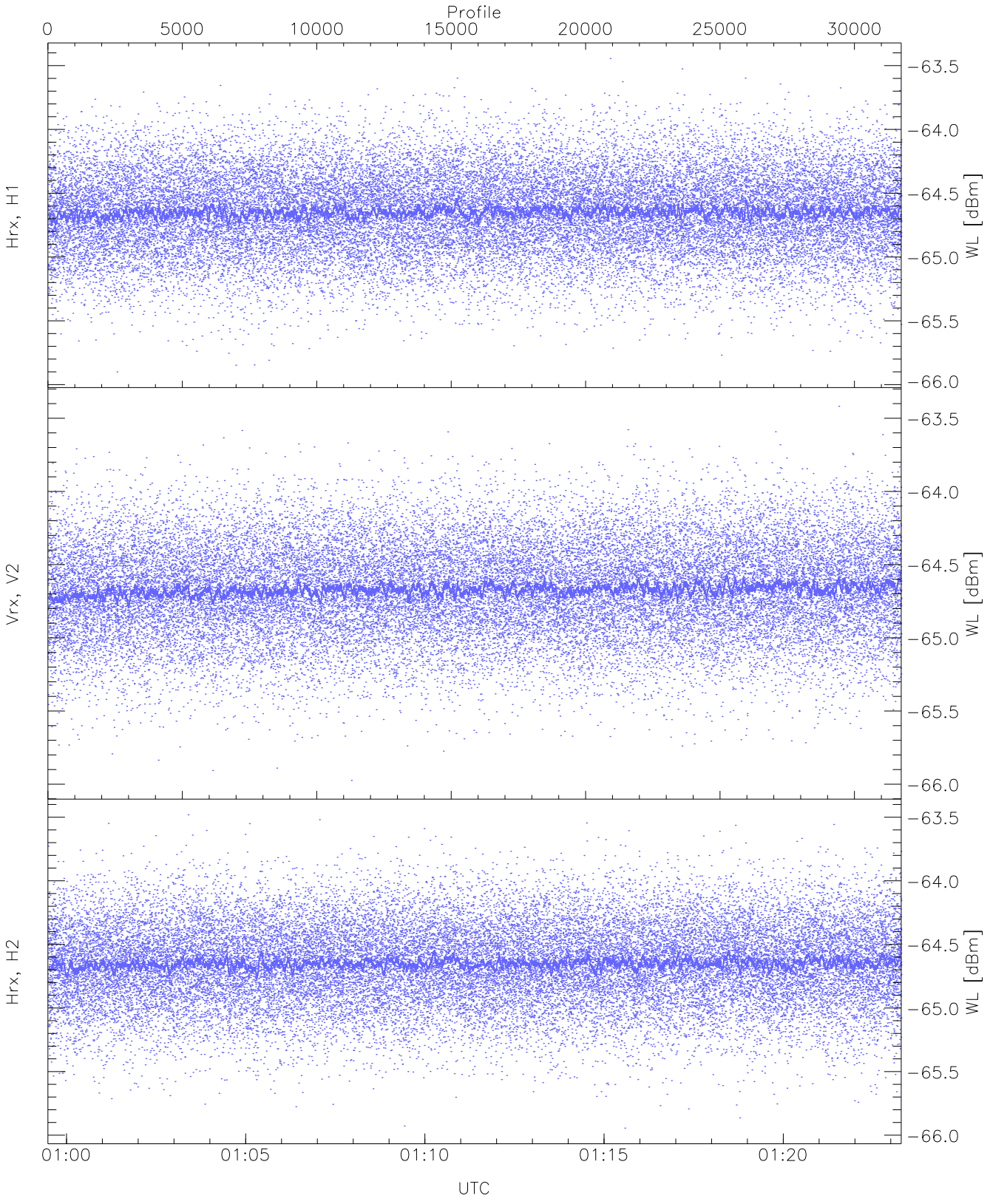
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 7 pixs, 2 gates, 7 profs, 1 prod(s)



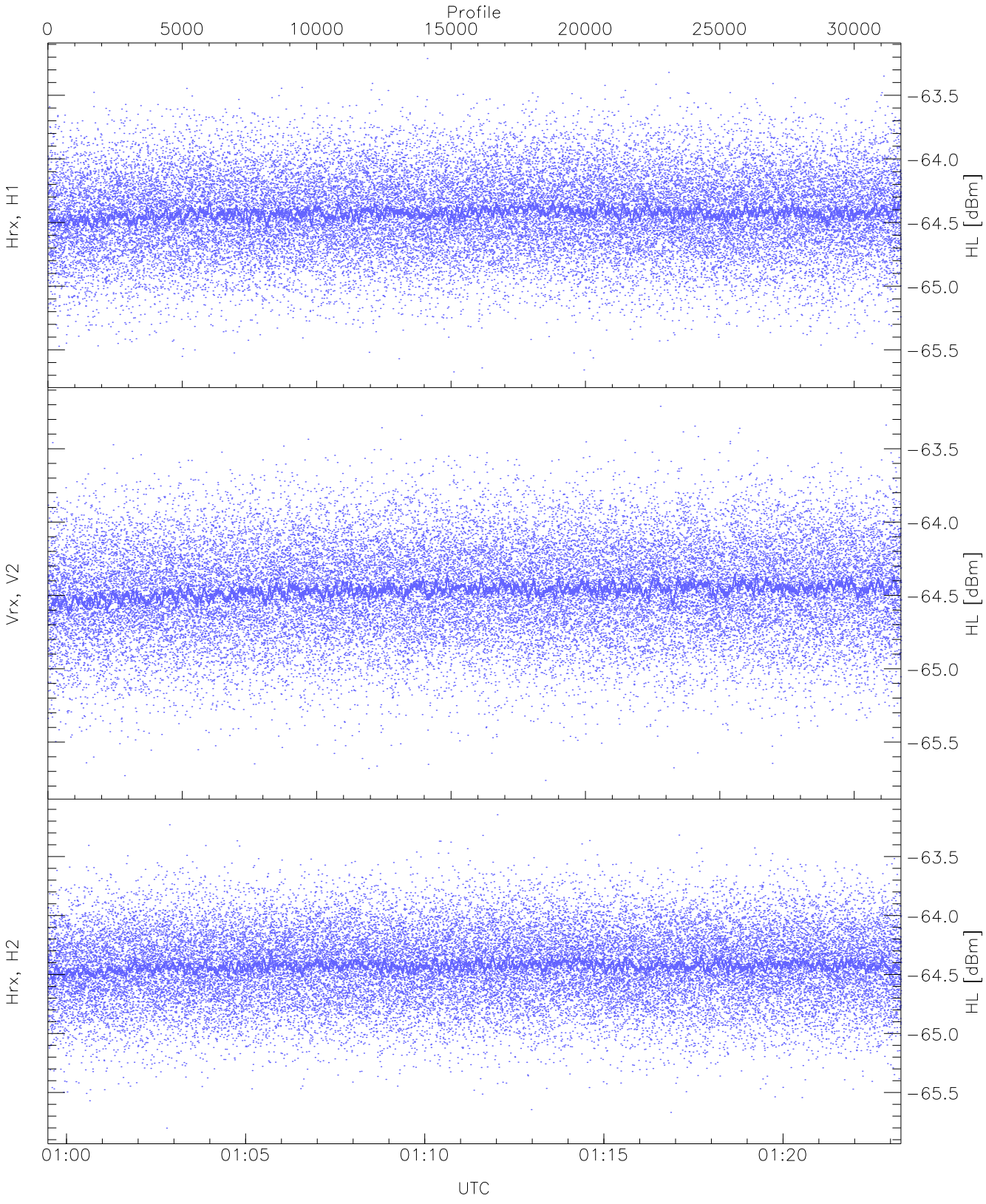
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.24	-64.94	-65.10	-65.10	-85.85
RMPHrxH1(std_dBm)	-75.85	-74.43	-75.12	-75.12	-88.90
RMPVrxV2(mean_dBm)	-64.90	-64.55	-64.69	-64.68	-84.56
RMPVrxV2(std_dBm)	-75.45	-74.03	-74.70	-74.70	-88.46
RMPHrxH2(mean_dBm)	-64.79	-64.53	-64.65	-64.65	-85.67
RMPHrxH2(std_dBm)	-75.44	-73.86	-74.67	-74.67	-88.48



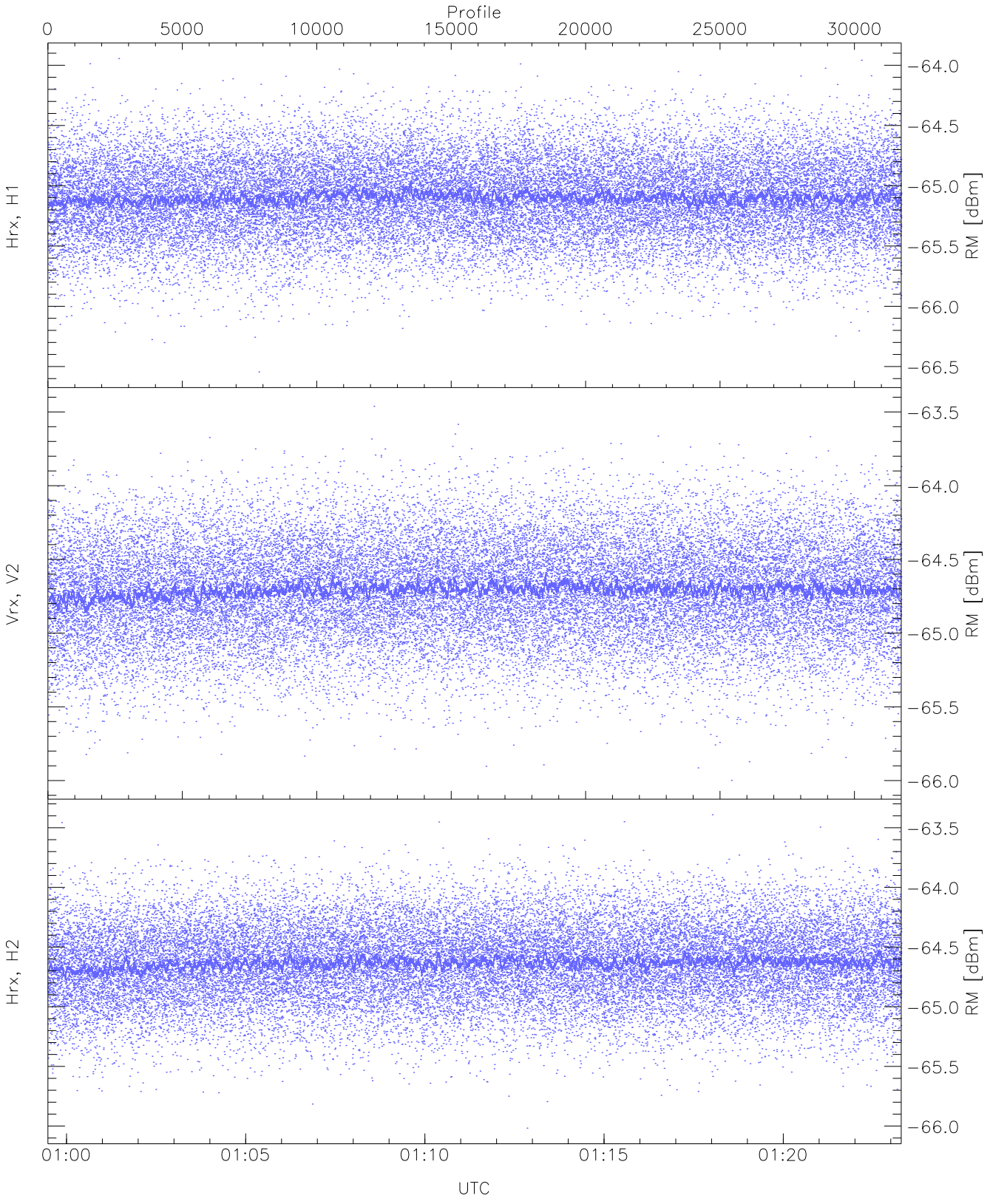
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-65.90	-63.44	-64.64	-64.65	-76.16
Vrx, V2(WL [dBm])	-65.97	-63.42	-64.67	-64.67	-76.18
Hrx, H2(WL [dBm])	-65.94	-63.48	-64.64	-64.65	-76.16



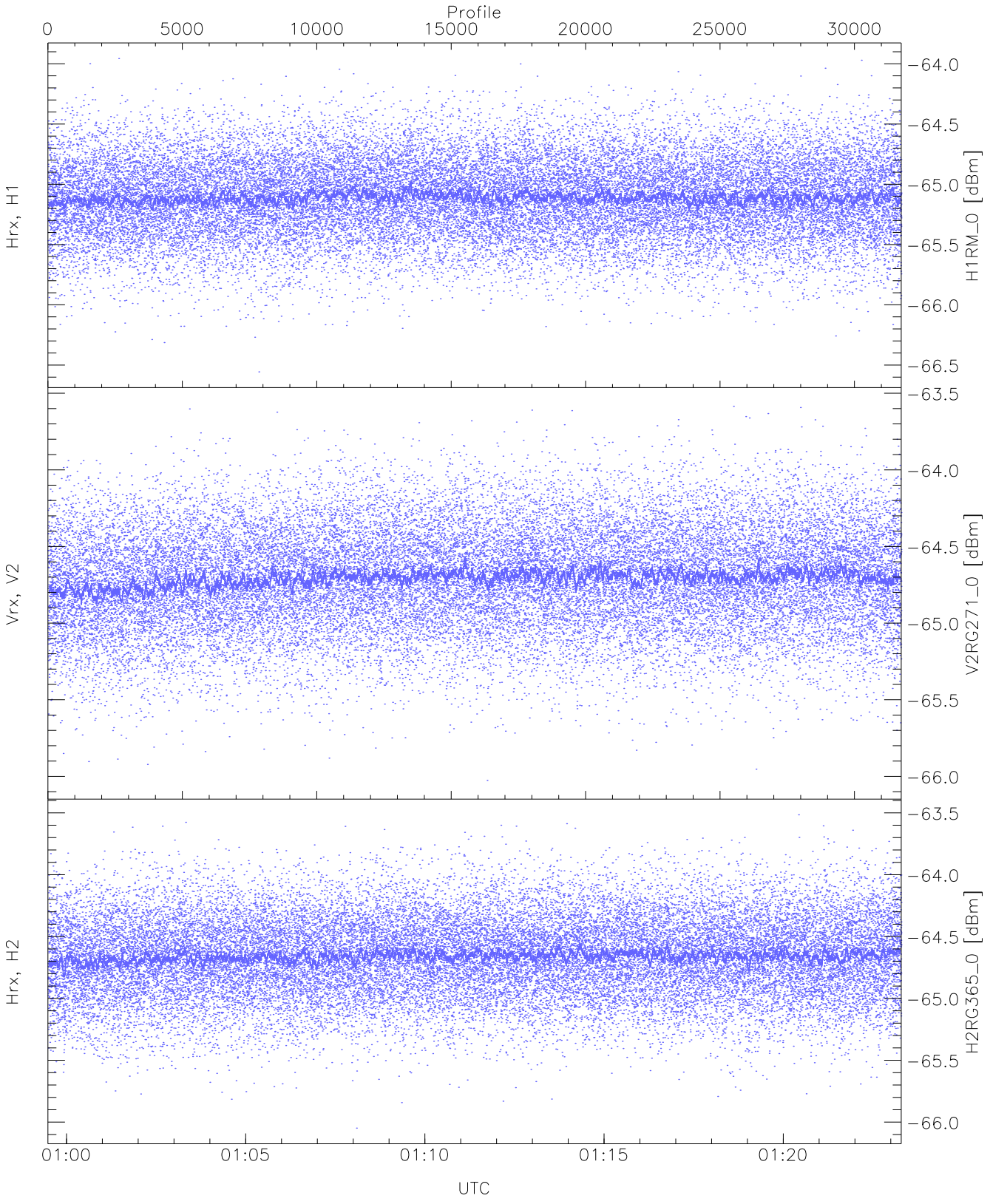
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.67	-63.21	-64.42	-64.43	-75.90
Vrx, V2(HL [dBm])	-65.76	-63.21	-64.46	-64.47	-75.93
Hrx, H2(HL [dBm])	-65.80	-63.15	-64.42	-64.43	-75.93



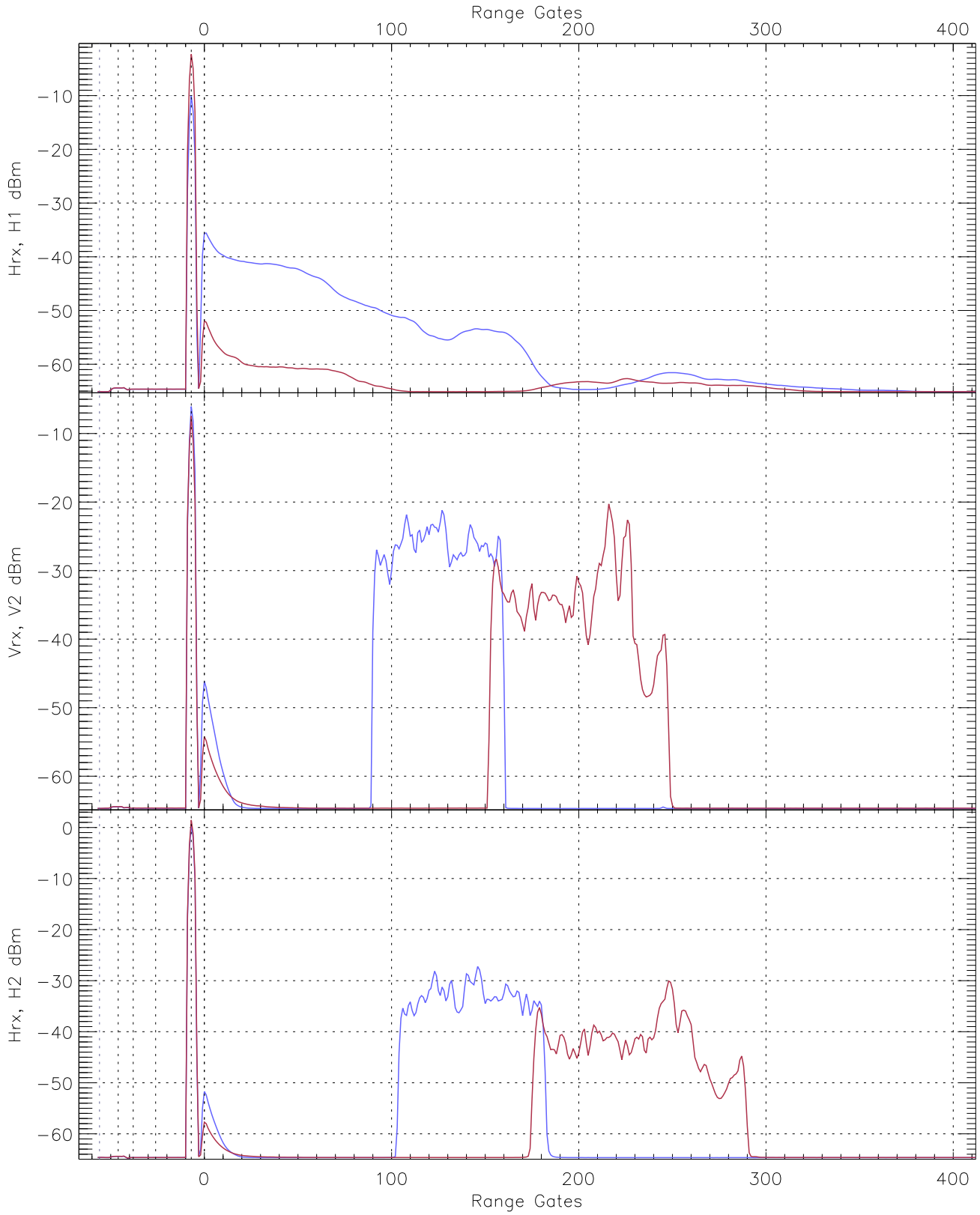
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.54	-63.94	-65.09	-65.10	-76.60
Vrx, V2(RM [dBm])	-66.00	-63.46	-64.70	-64.71	-76.21
Hrx, H2(RM [dBm])	-66.02	-63.39	-64.63	-64.63	-76.13

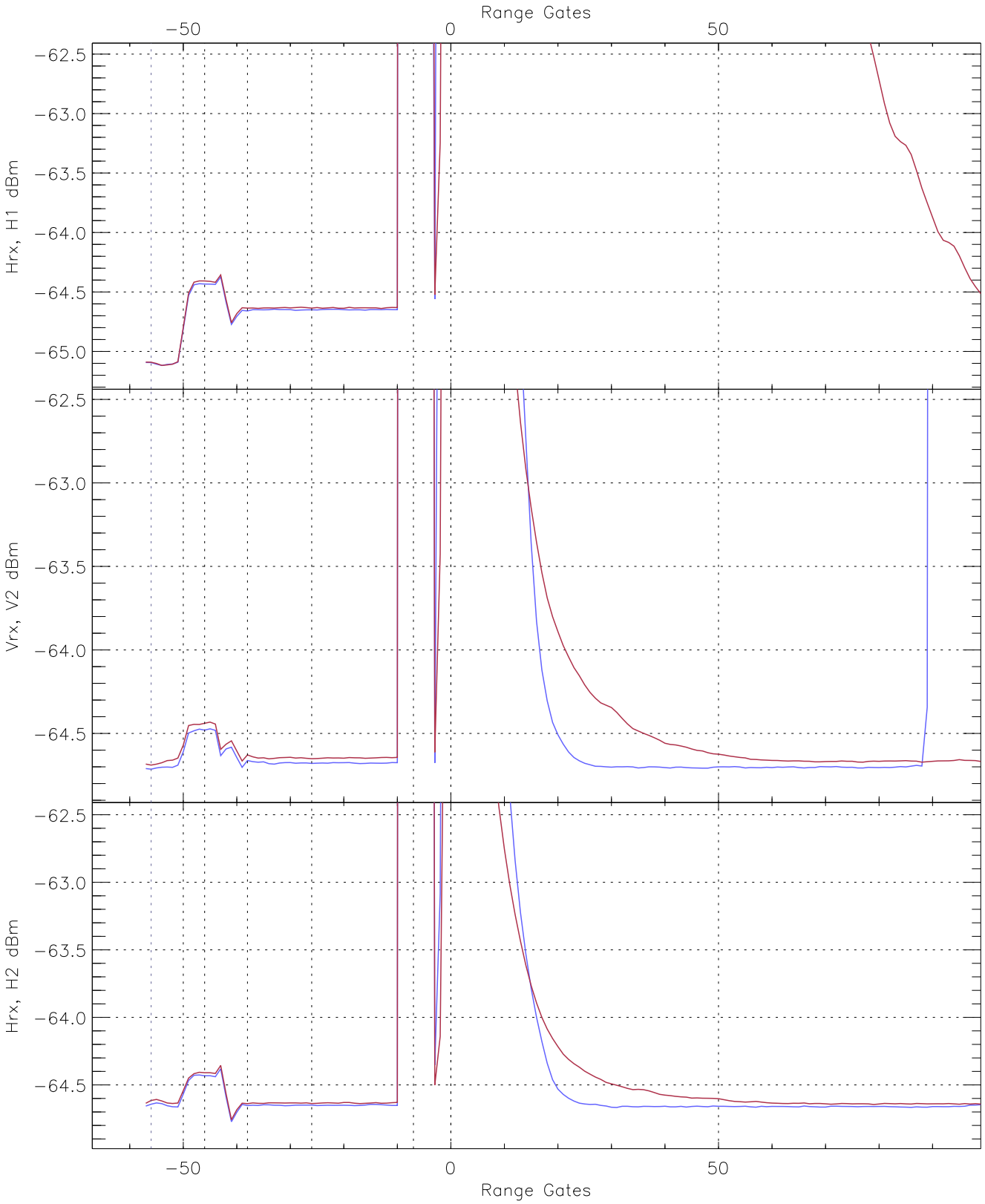


WCR3 CPP "Best" estimate Receivers Noise Power

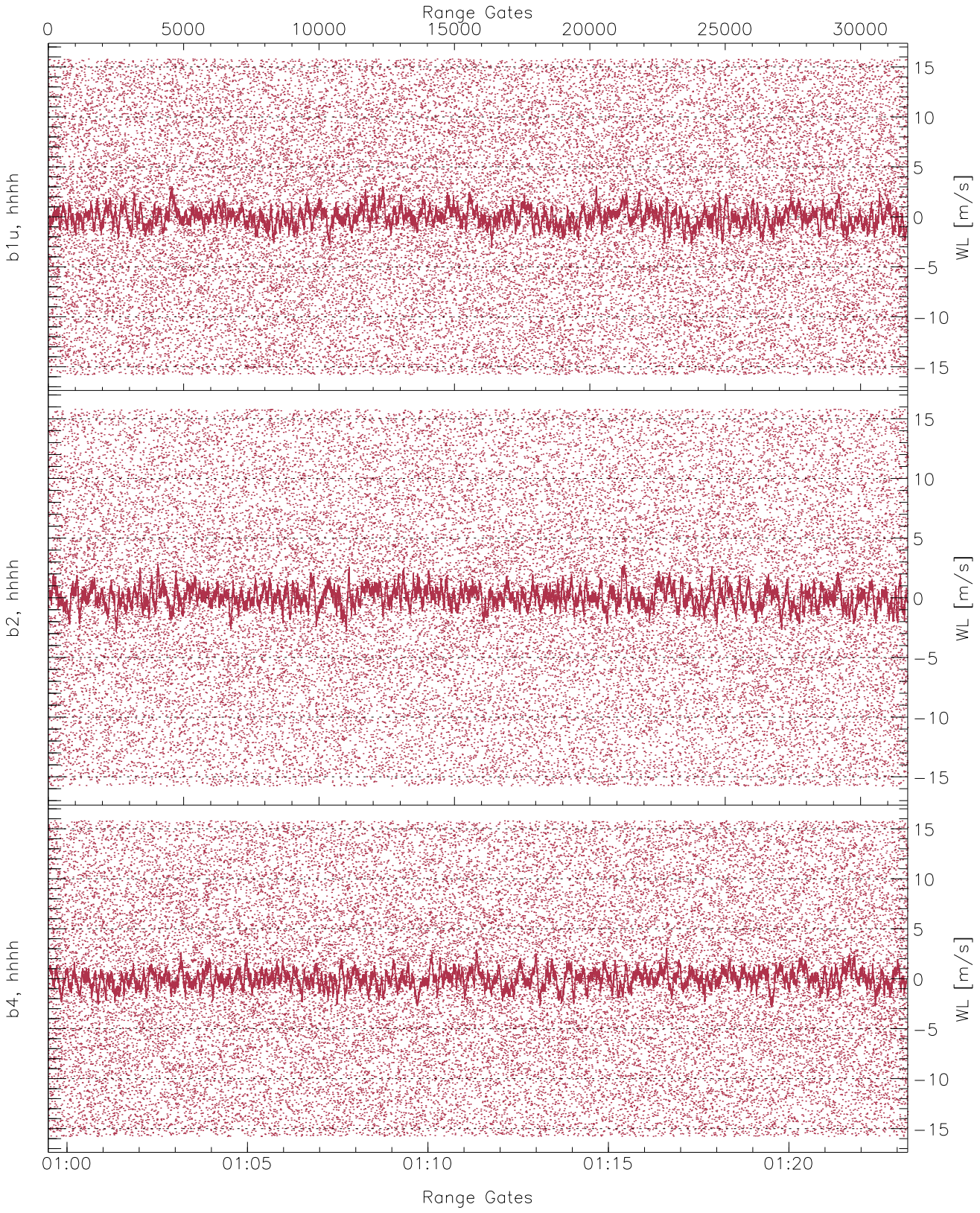
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.56	-63.96	-65.10	-65.11	-76.61
V2RG271_0 [dBm]	-66.03	-63.59	-64.70	-64.71	-76.18
H2RG365_0 [dBm]	-66.05	-63.52	-64.65	-64.66	-76.15



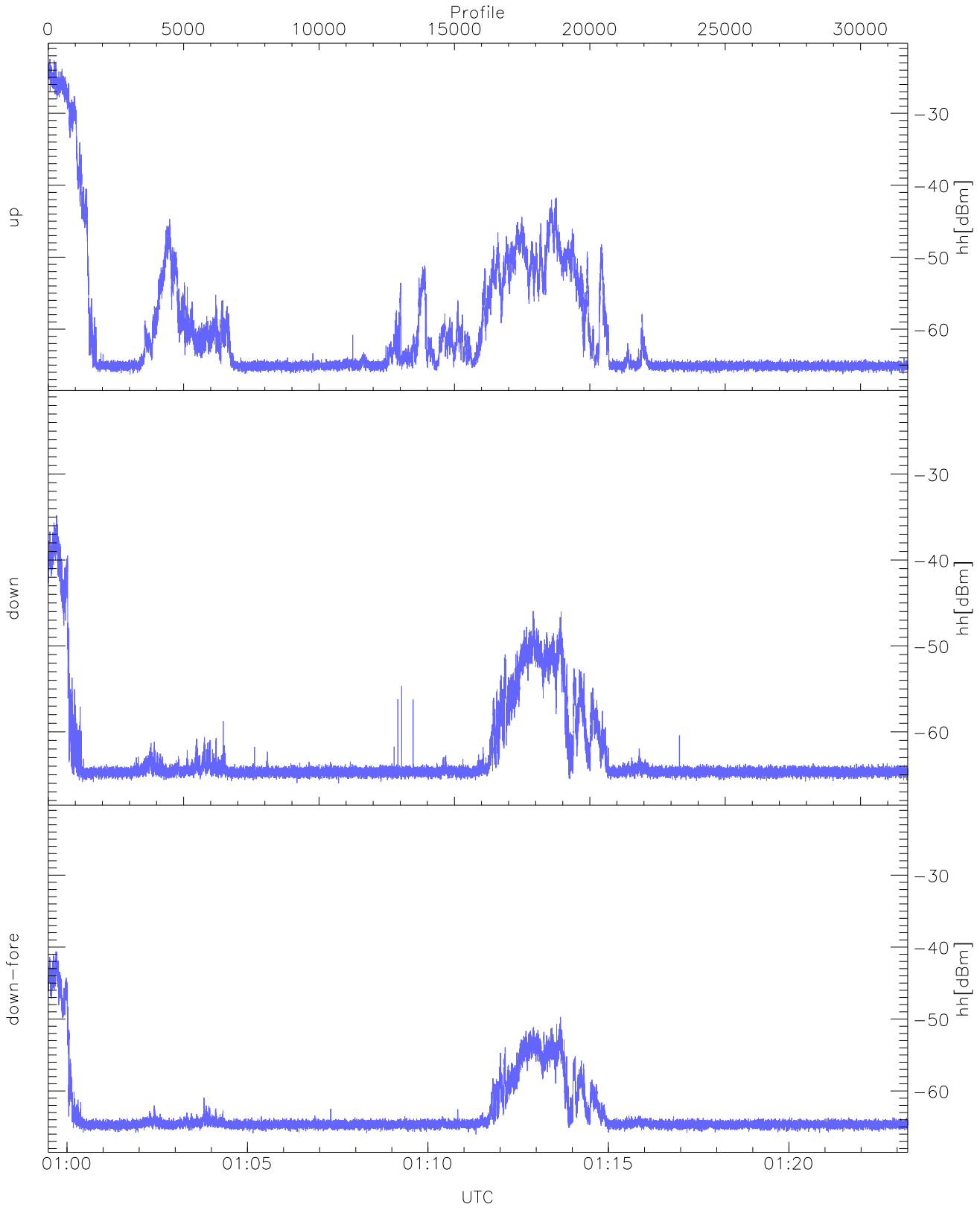
WCR3 CPP Averaged Received power for all recorded gates
blue: 005929-011123, 15871 profiles averaged
red: 011123-012317, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 005929-011123, 15871 profiles averaged
red: 011123-012317, 15871 profiles averaged

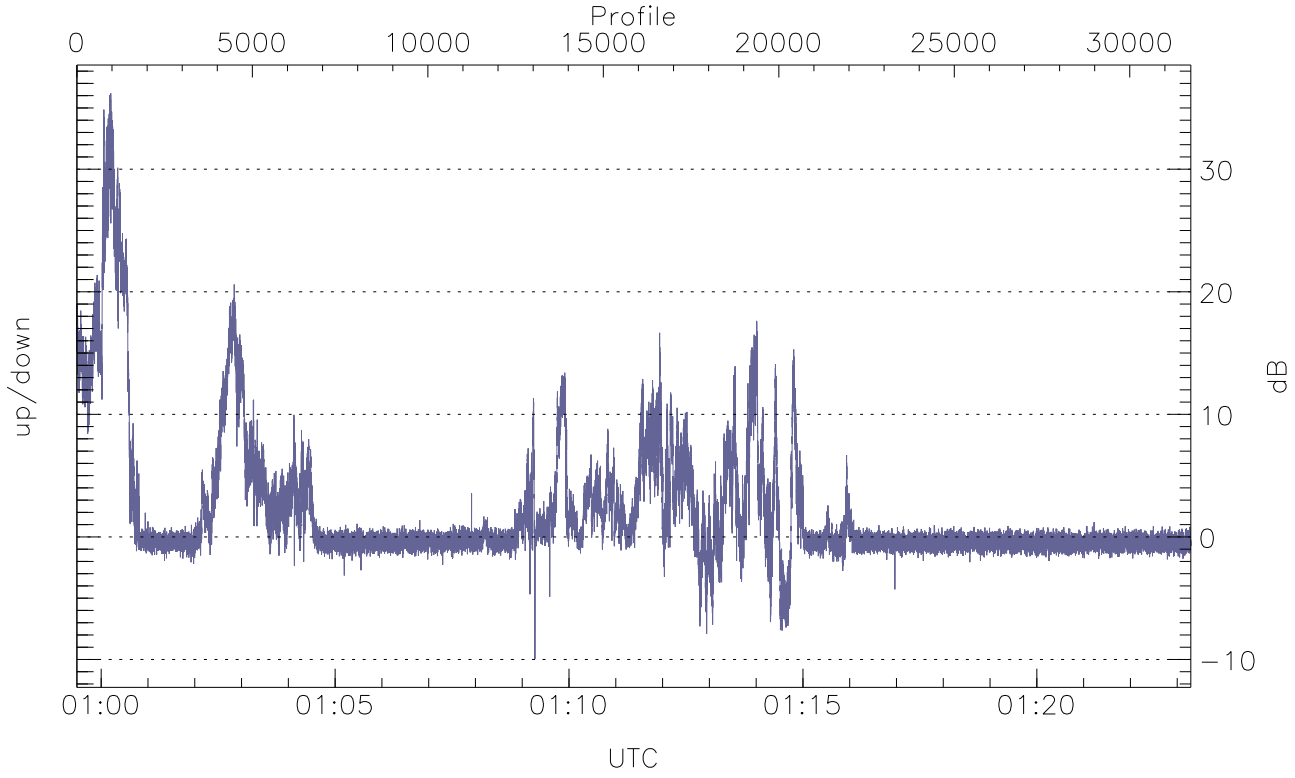


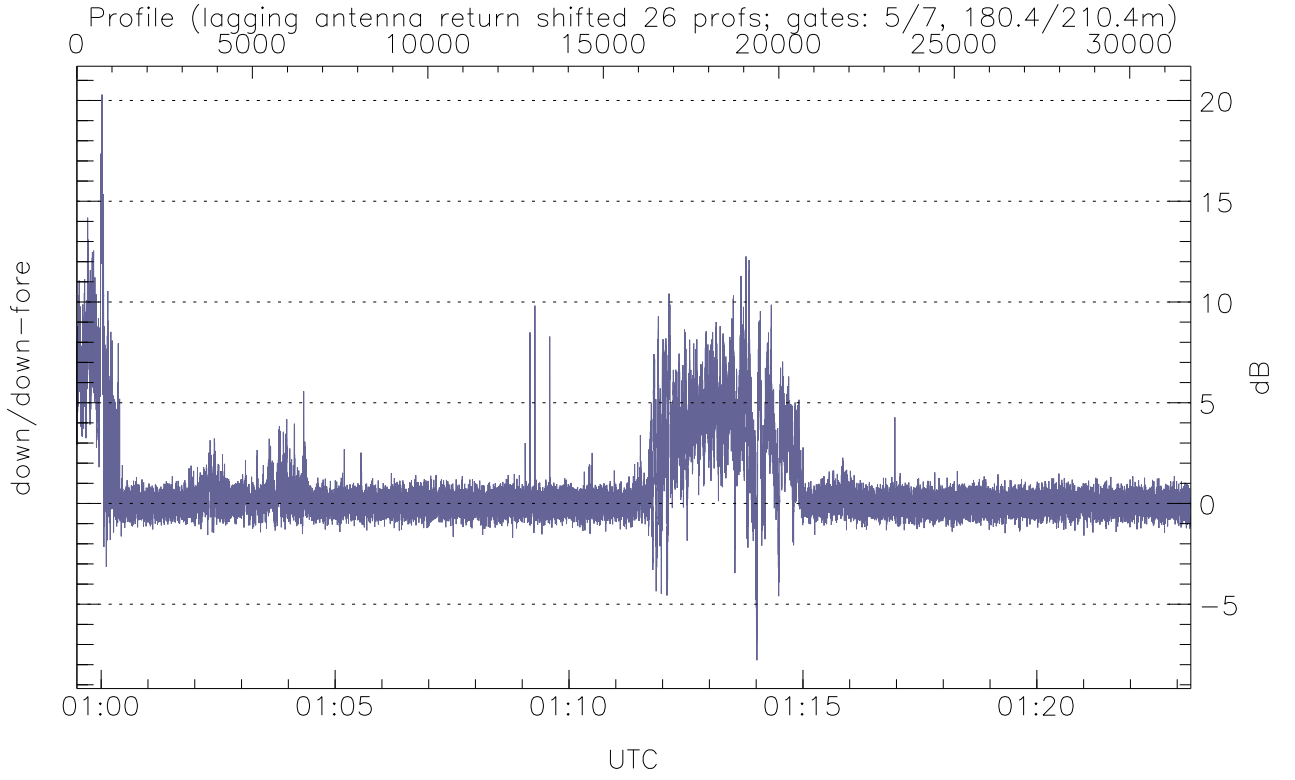
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

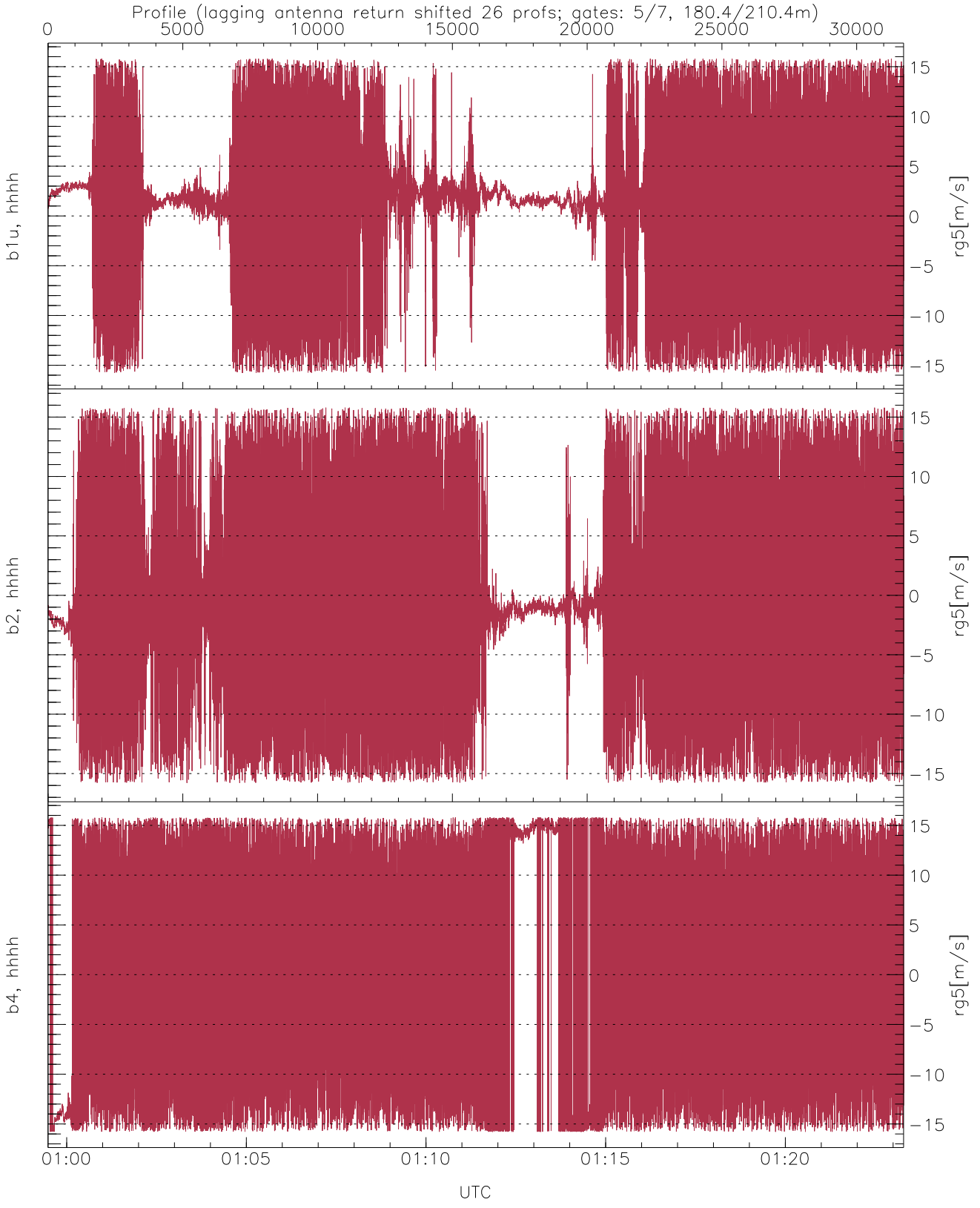
	Min	Max	Mean
up(hh[dBm])	-66.33	-22.46	-41.05
down(hh[dBm])	-65.98	-34.79	-54.93
down-fore(hh[dBm])	-66.04	-40.63	-58.70





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

	Min	Max	Mean
up/down(dB)	-9.97	36.19	2.18
down/down-fore(dB)	-7.78	20.30	0.77



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.90	6.44
b2, hhhh(rg5[m/s])	-15.79	15.79	-0.38	7.25
b4, hhhh(rg5[m/s])	-15.79	15.79	0.19	10.33