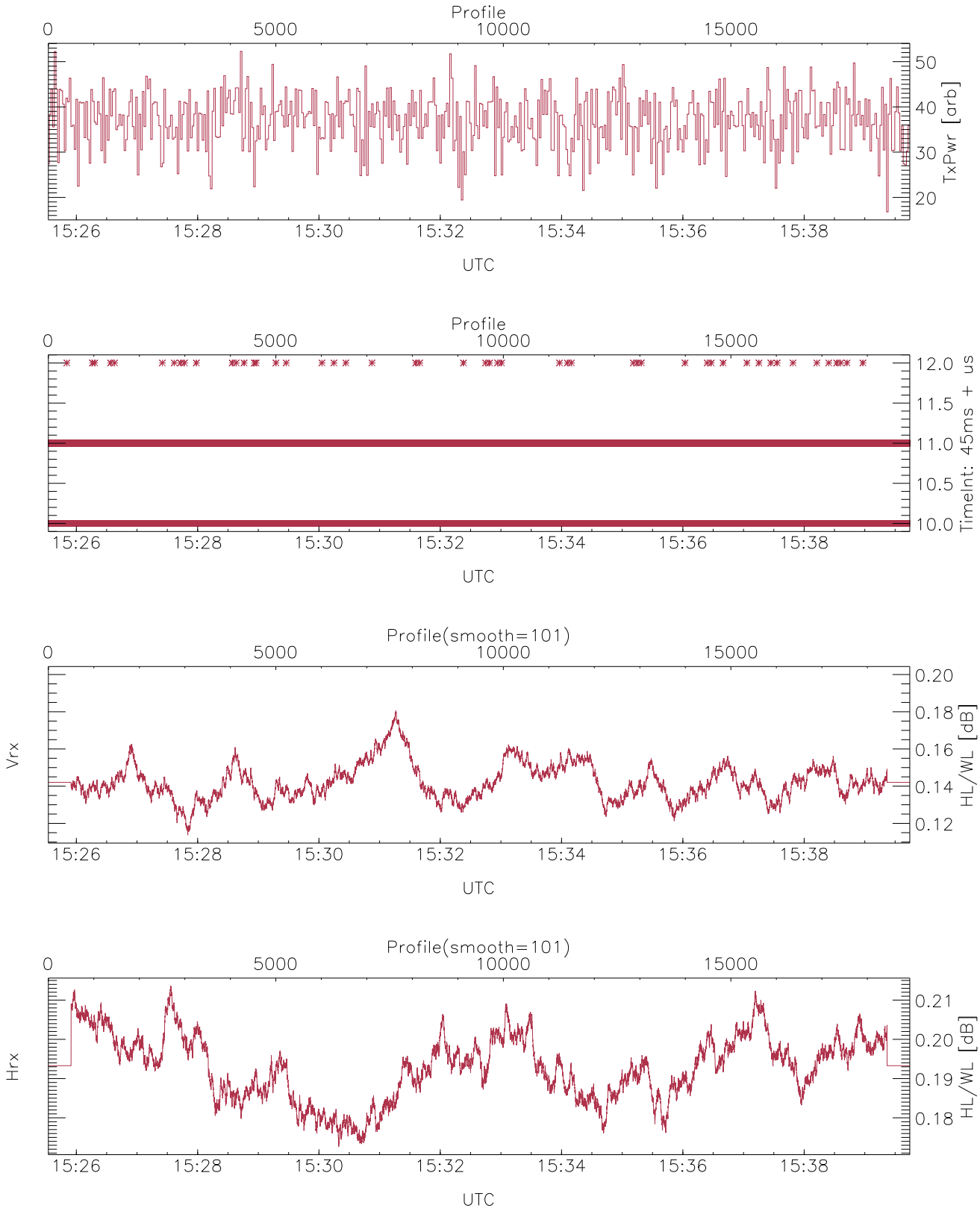
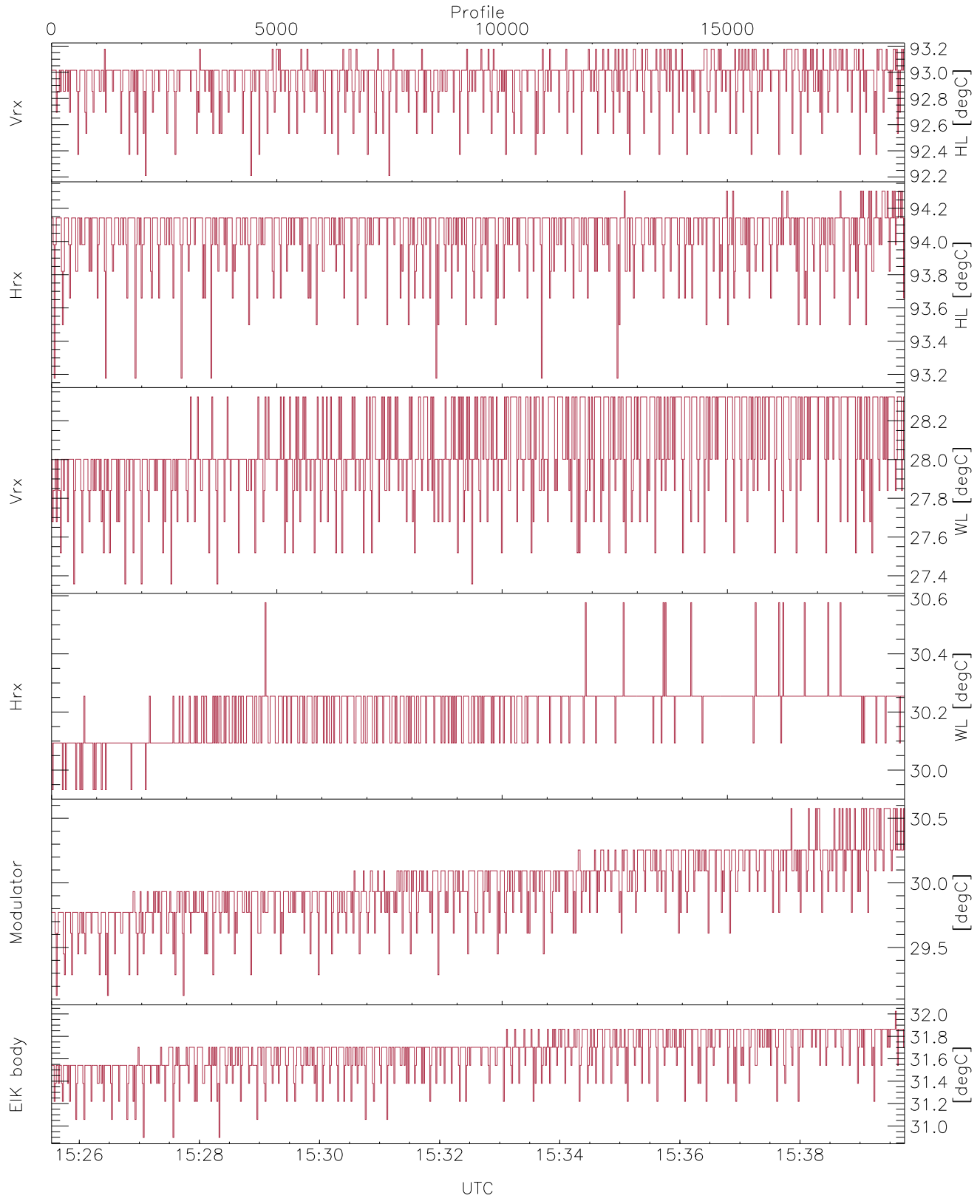


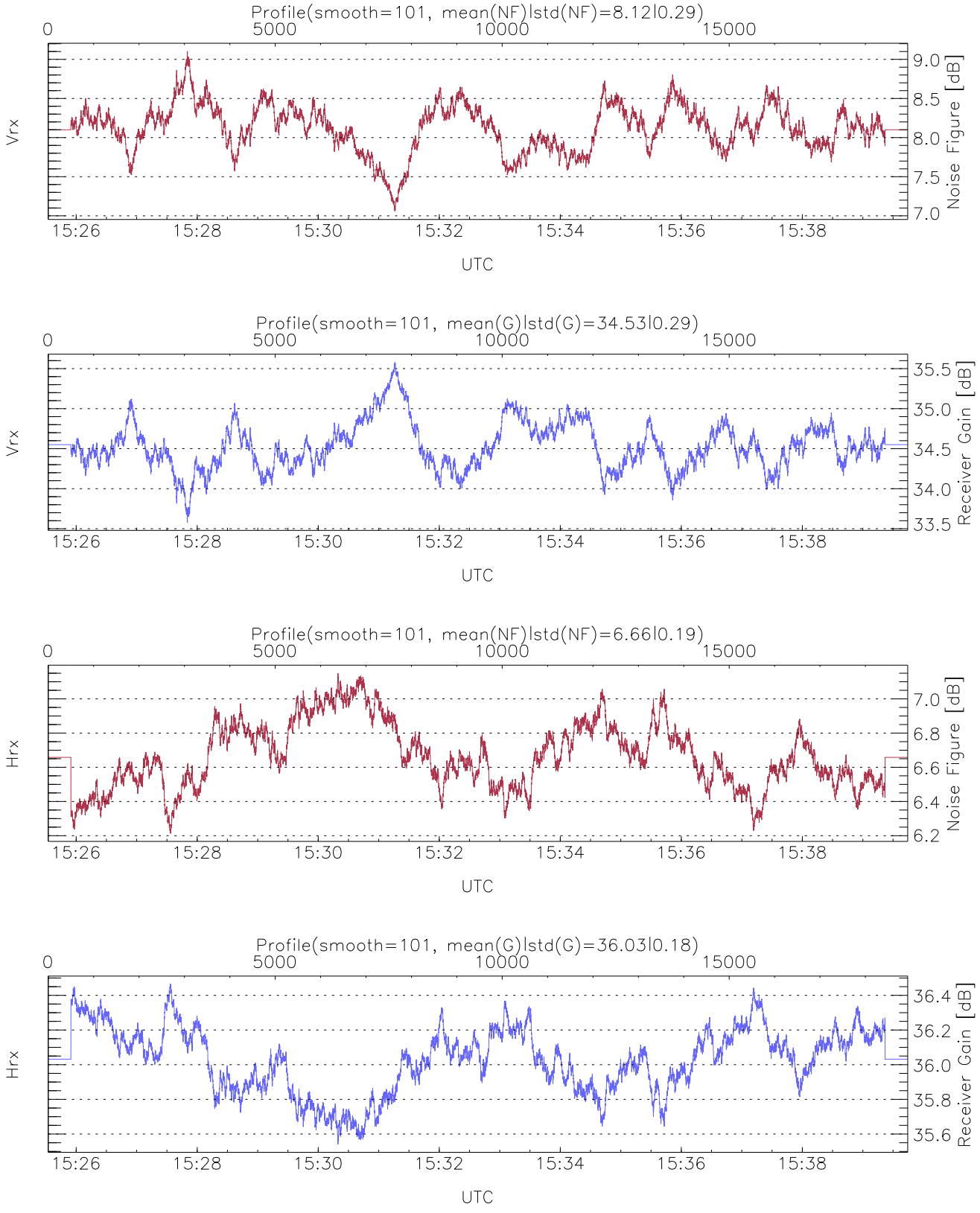
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:25:32-15:39:45, TimeCor: 0.00s, Dur: 852.20s
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): 18934/18934, 0-18933/15:25:32-15:39:45
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



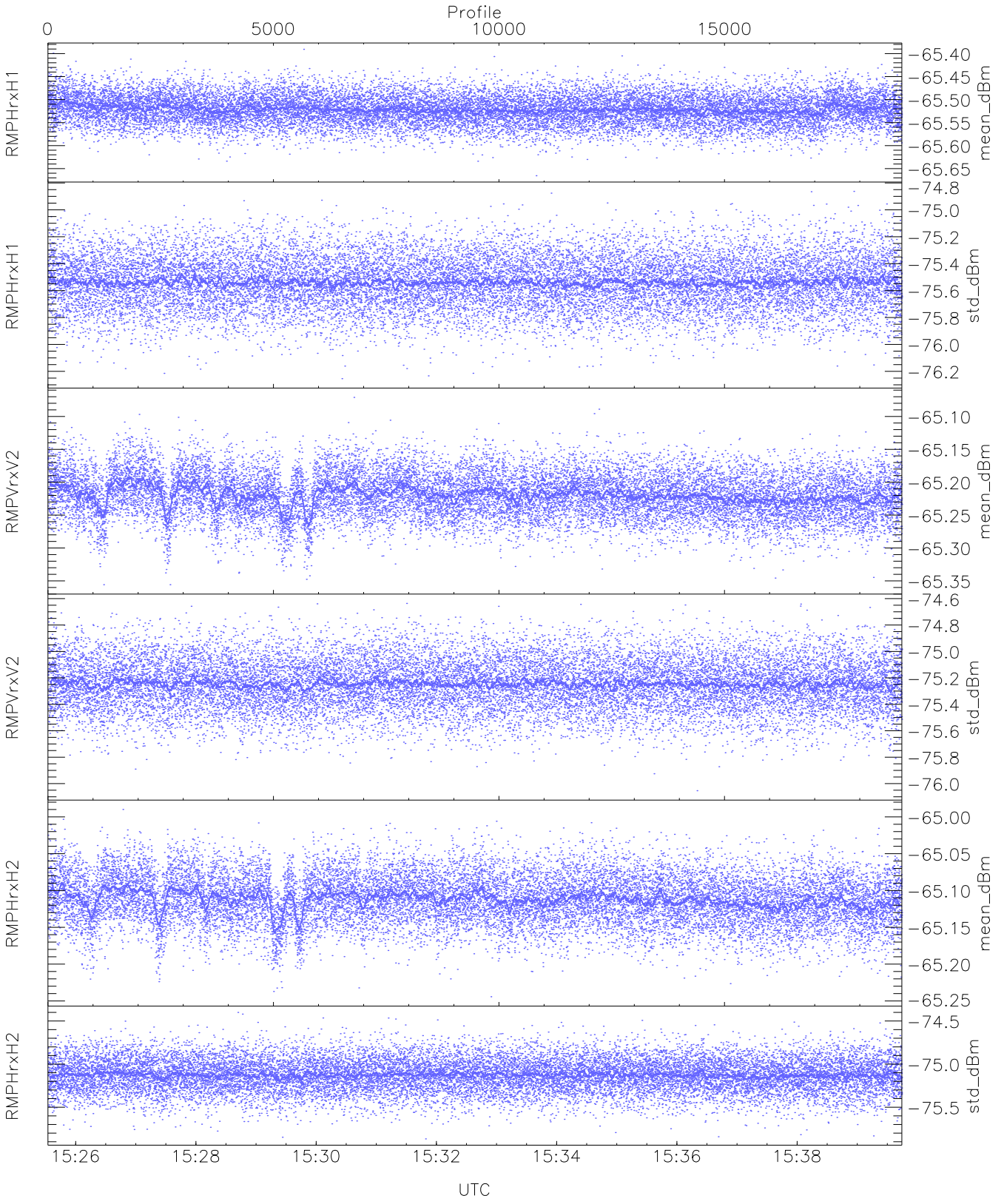
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,29,29,30
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,28,30,30,32
LOalarm(20,240,2817,14861 MHz): 0,0,24,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (24,24,24,24,24,24)



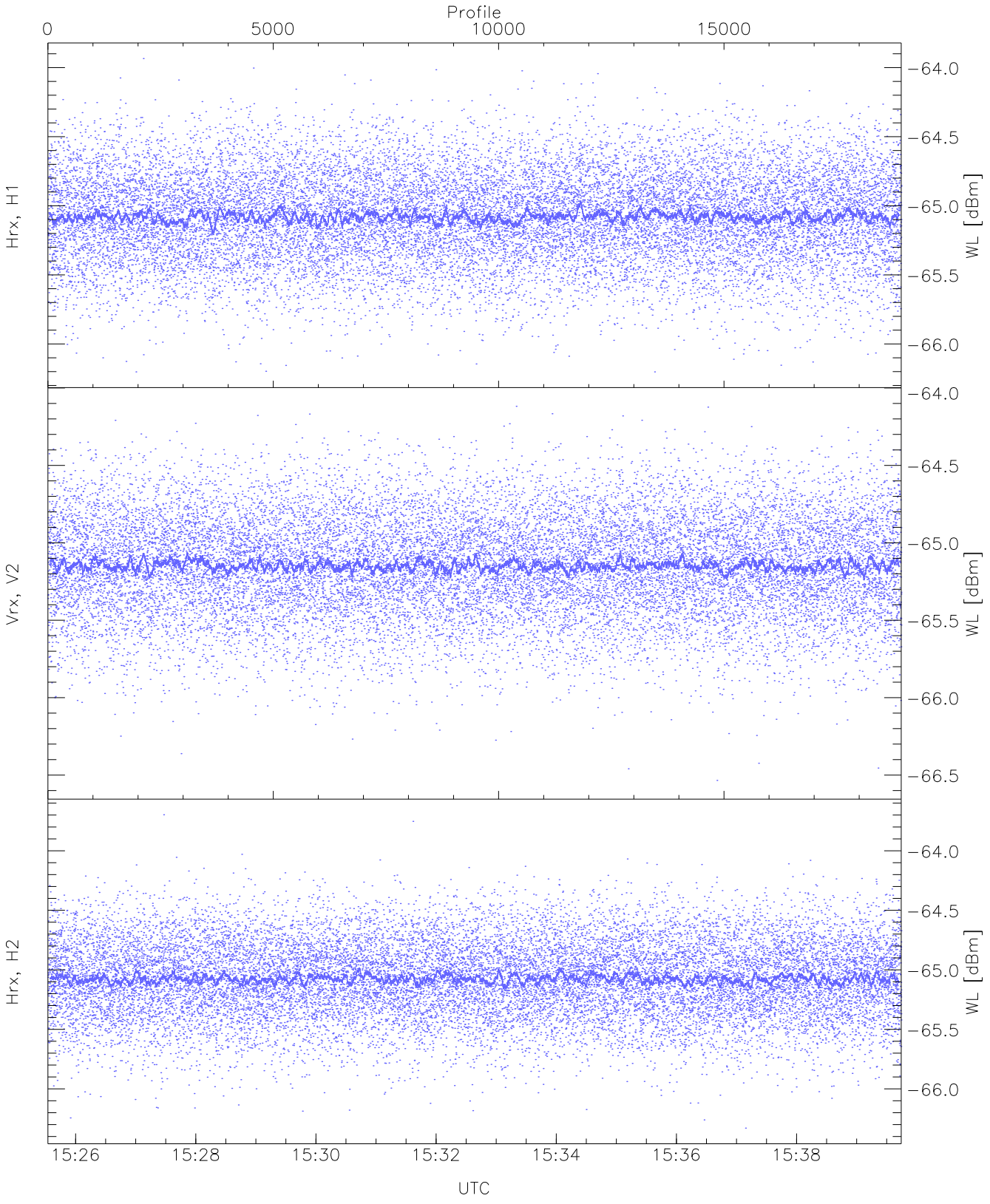
WCR3 CPP Receivers Gain and Noise Figure

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



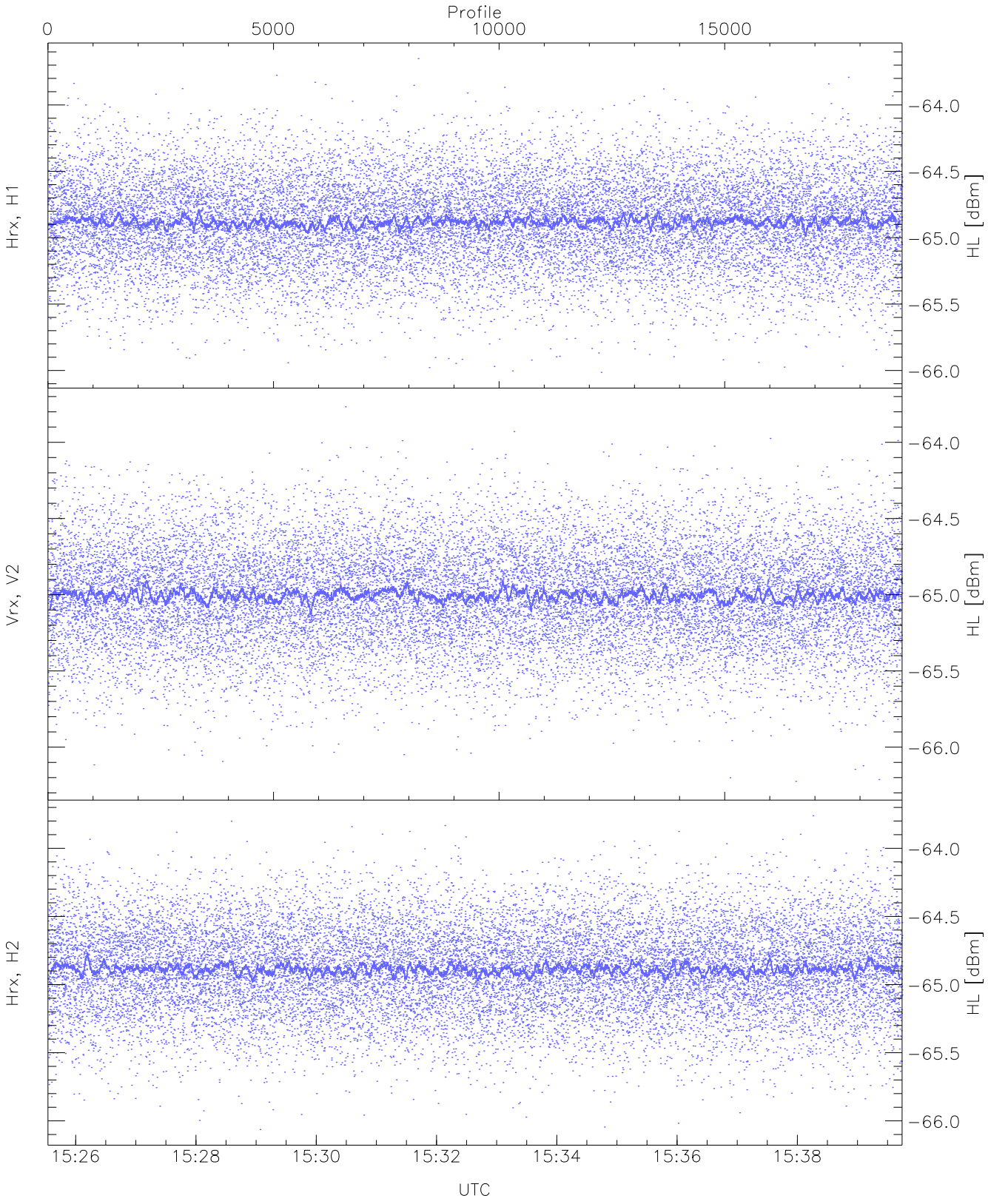
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.67	-65.39	-65.52	-65.52	-87.04
RMPHrxH1(std_dBm)	-76.25	-74.86	-75.54	-75.54	-89.29
RMPVrxV2(mean_dBm)	-65.36	-65.07	-65.22	-65.22	-86.48
RMPVrxV2(std_dBm)	-76.05	-74.64	-75.24	-75.25	-89.03
RMPHrxH2(mean_dBm)	-65.24	-64.99	-65.11	-65.11	-86.46
RMPHrxH2(std_dBm)	-75.87	-74.40	-75.13	-75.13	-88.90



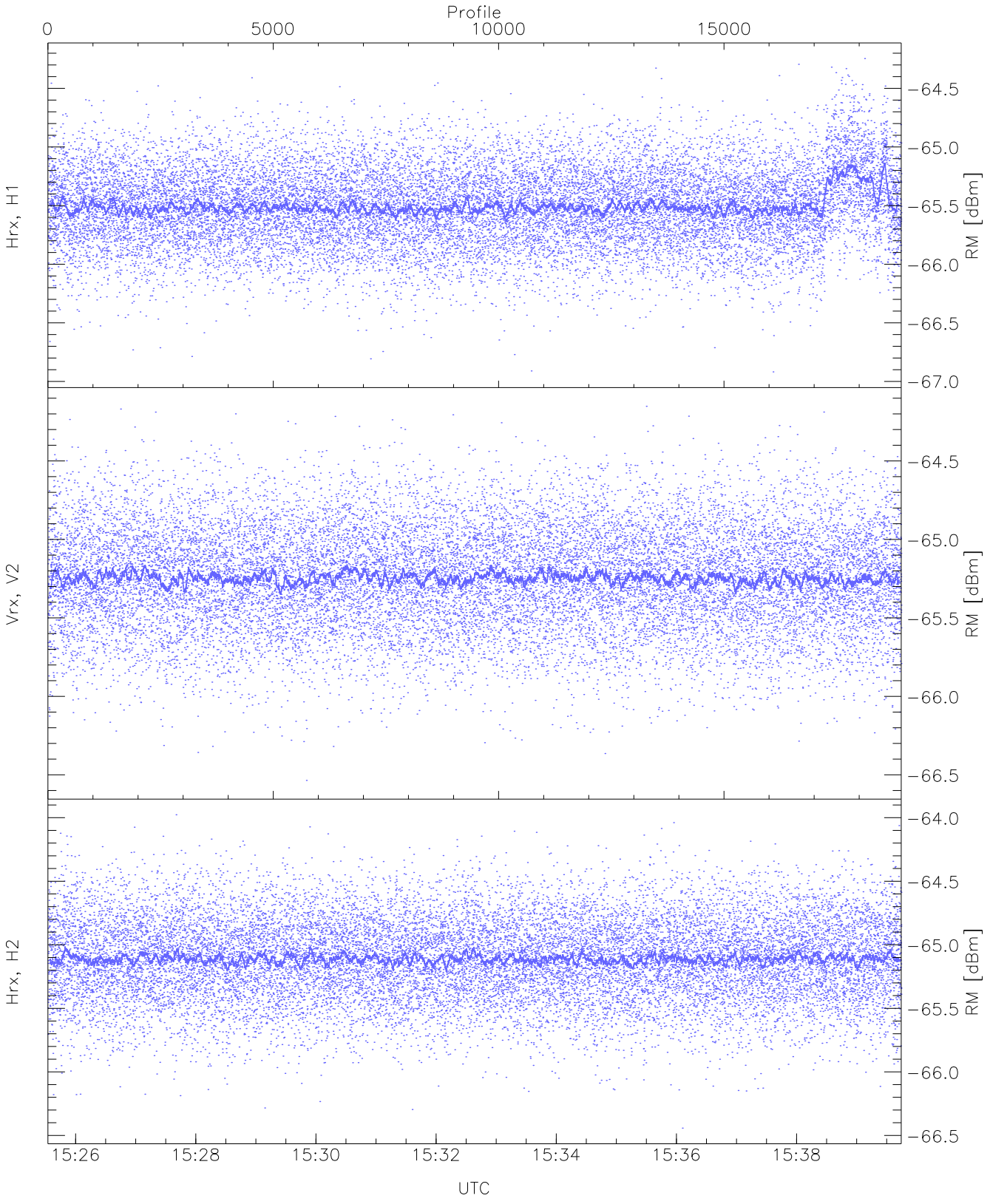
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.20	-63.93	-65.07	-65.08	-76.57
Vrx, V2(WL [dBm])	-66.53	-64.12	-65.14	-65.15	-76.69
Hrx, H2(WL [dBm])	-66.33	-63.70	-65.07	-65.08	-76.57



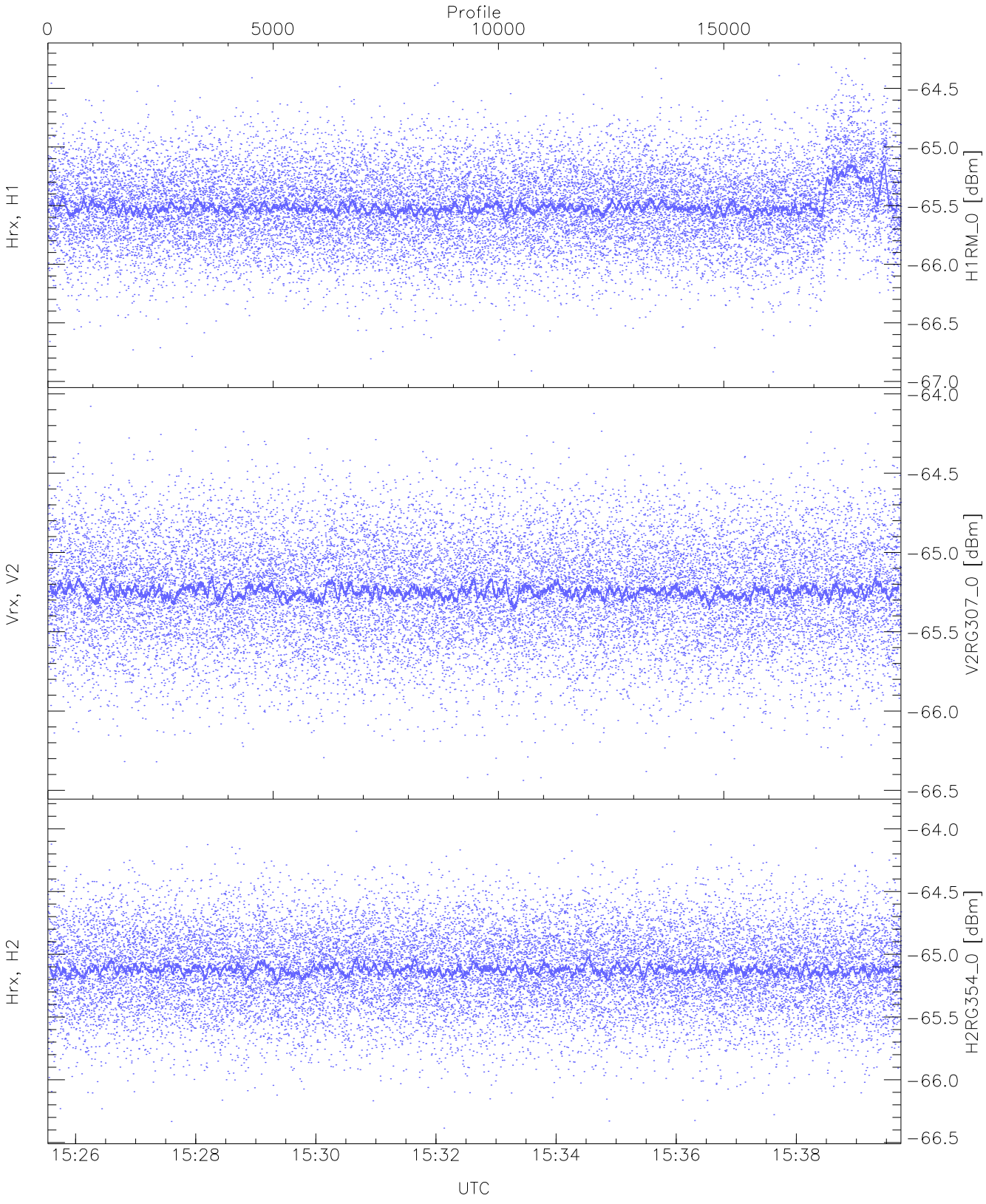
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.01	-63.65	-64.87	-64.88	-76.35
Vrx, V2(HL [dBm])	-66.22	-63.77	-65.00	-65.00	-76.53
Hrx, H2(HL [dBm])	-66.06	-63.76	-64.88	-64.89	-76.43



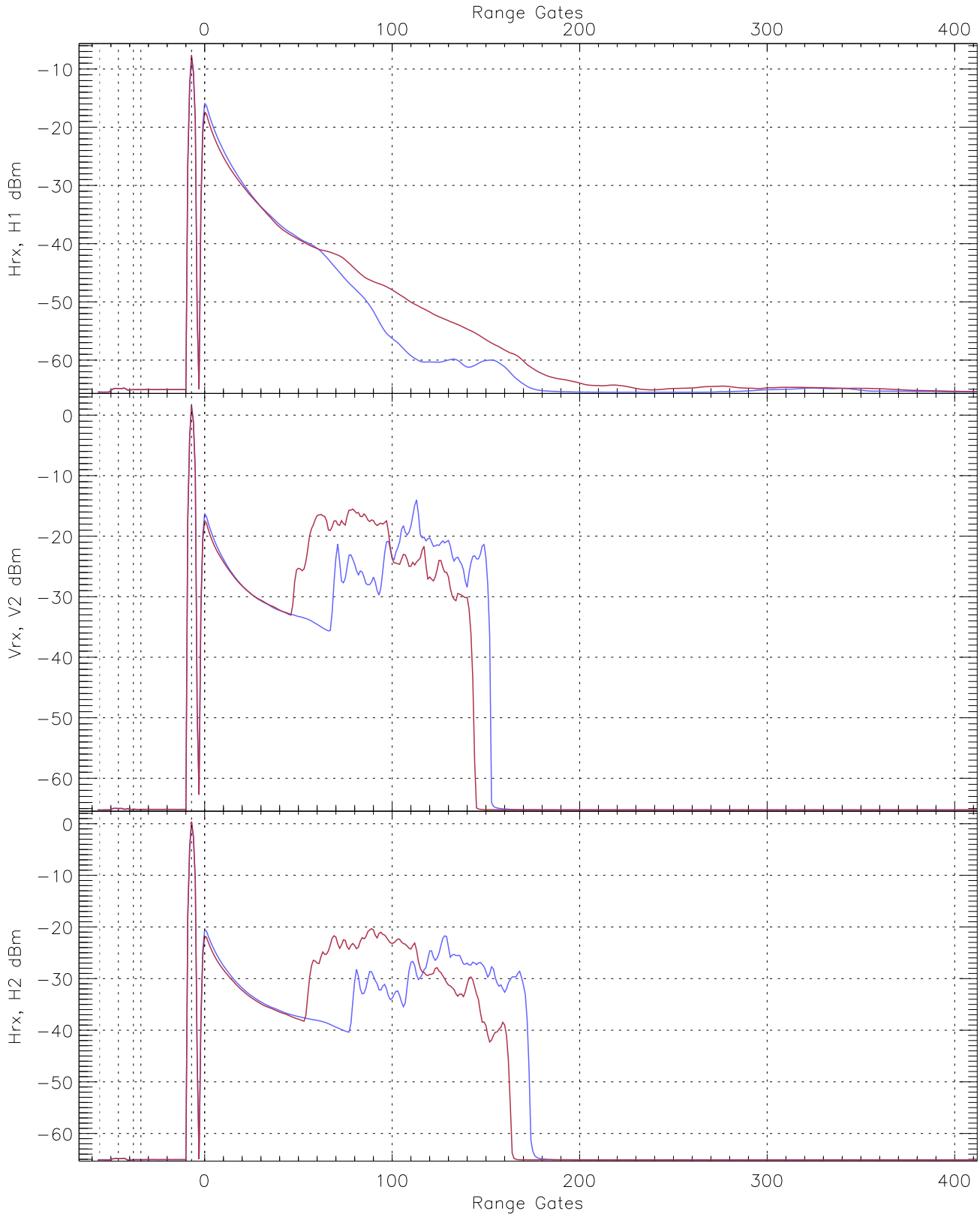
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.92	-64.25	-65.49	-65.50	-76.82
Vrx, V2(RM [dBm])	-66.54	-64.15	-65.24	-65.25	-76.73
Hrx, H2(RM [dBm])	-66.44	-63.98	-65.10	-65.11	-76.62

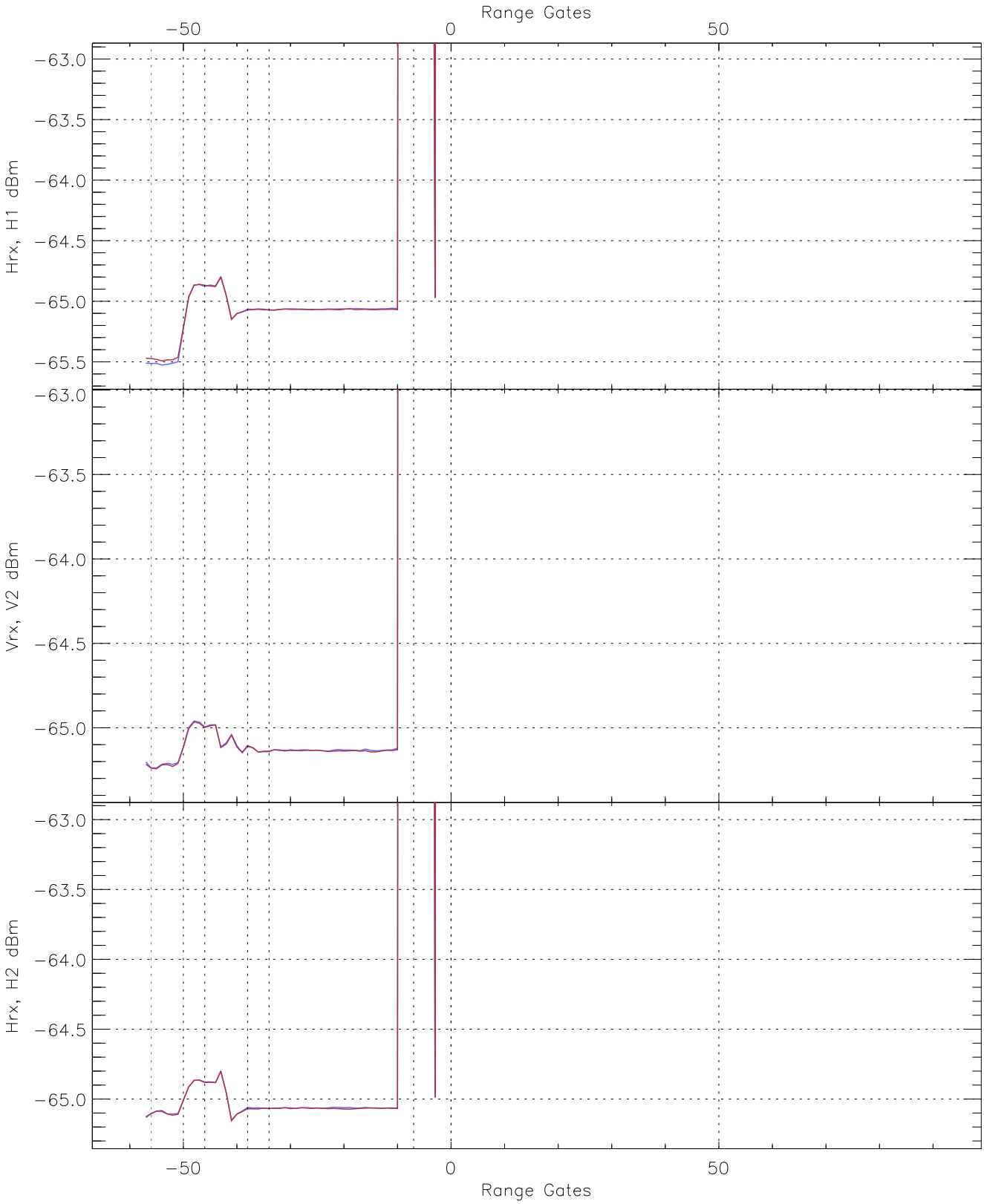


WCR3 CPP "Best" estimate Receivers Noise Power

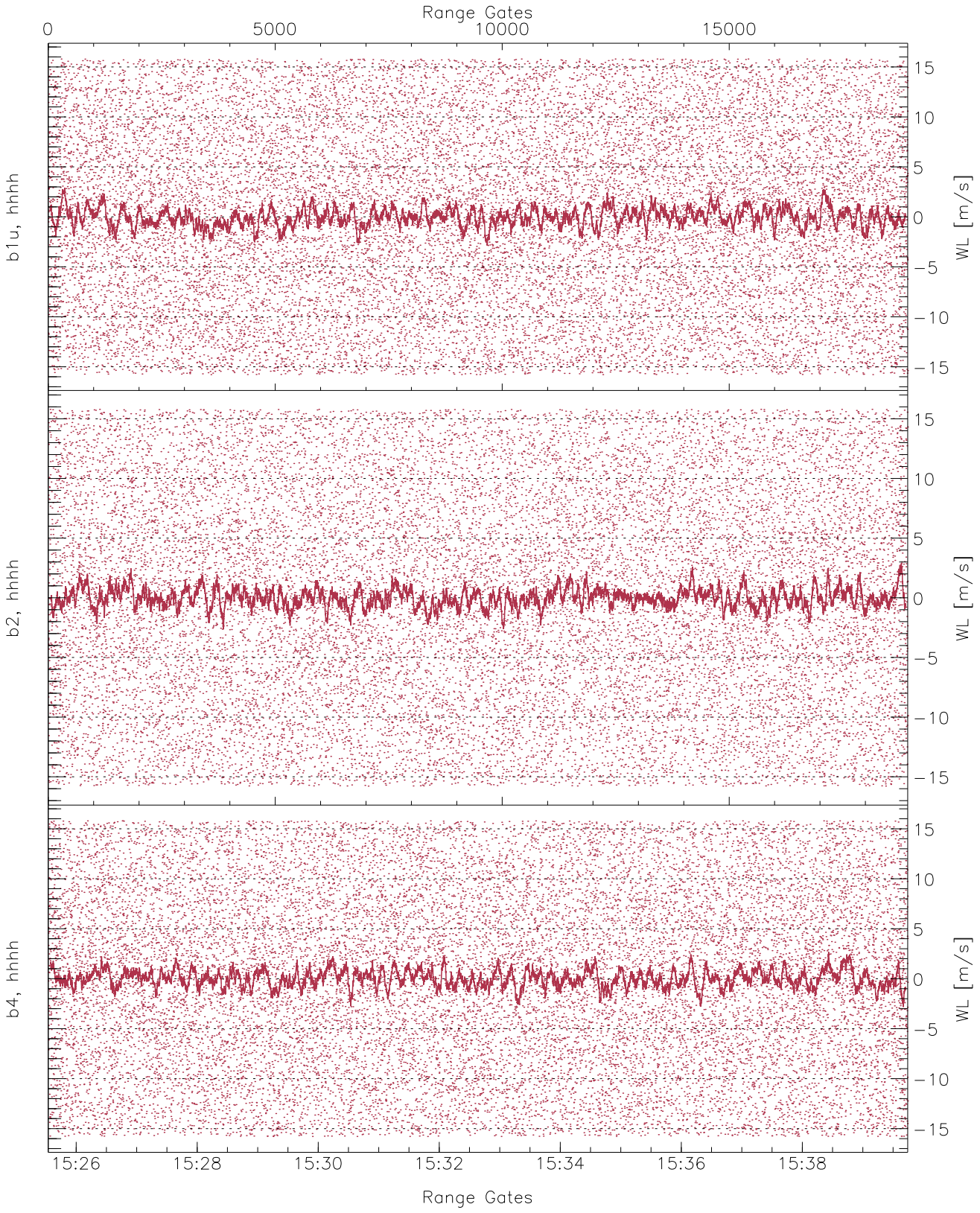
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.92	-64.25	-65.49	-65.50	-76.82
V2RG307_0 [dBm]	-66.44	-64.08	-65.24	-65.25	-76.75
H2RG354_0 [dBm]	-66.39	-63.89	-65.12	-65.12	-76.67



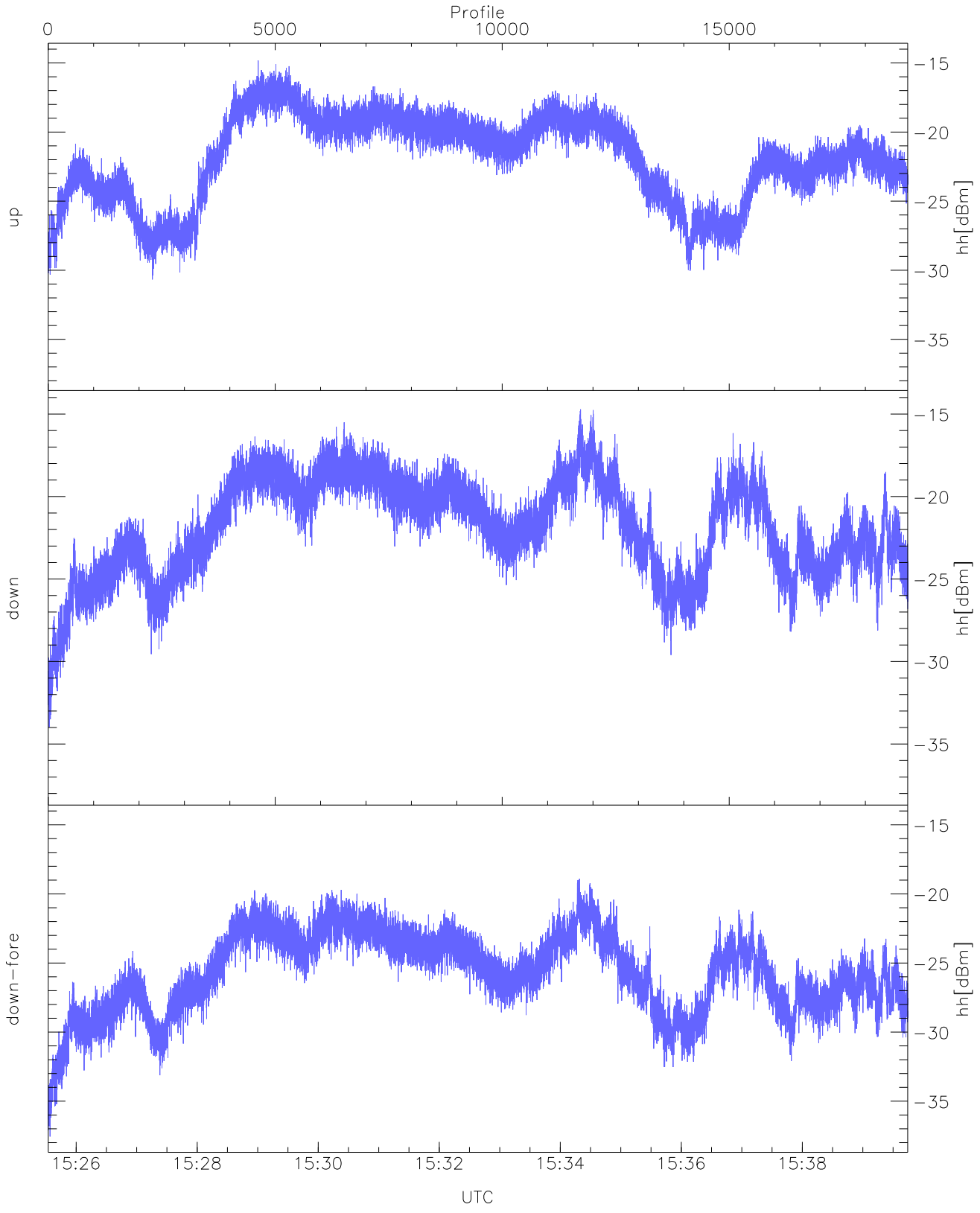
WCR3 CPP Averaged Received power for all recorded gates
blue: 152532-153238, 9468 profiles averaged
red: 153238-153945, 9467 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 152532-153238, 9468 profiles averaged
red: 153238-153945, 9467 profiles averaged

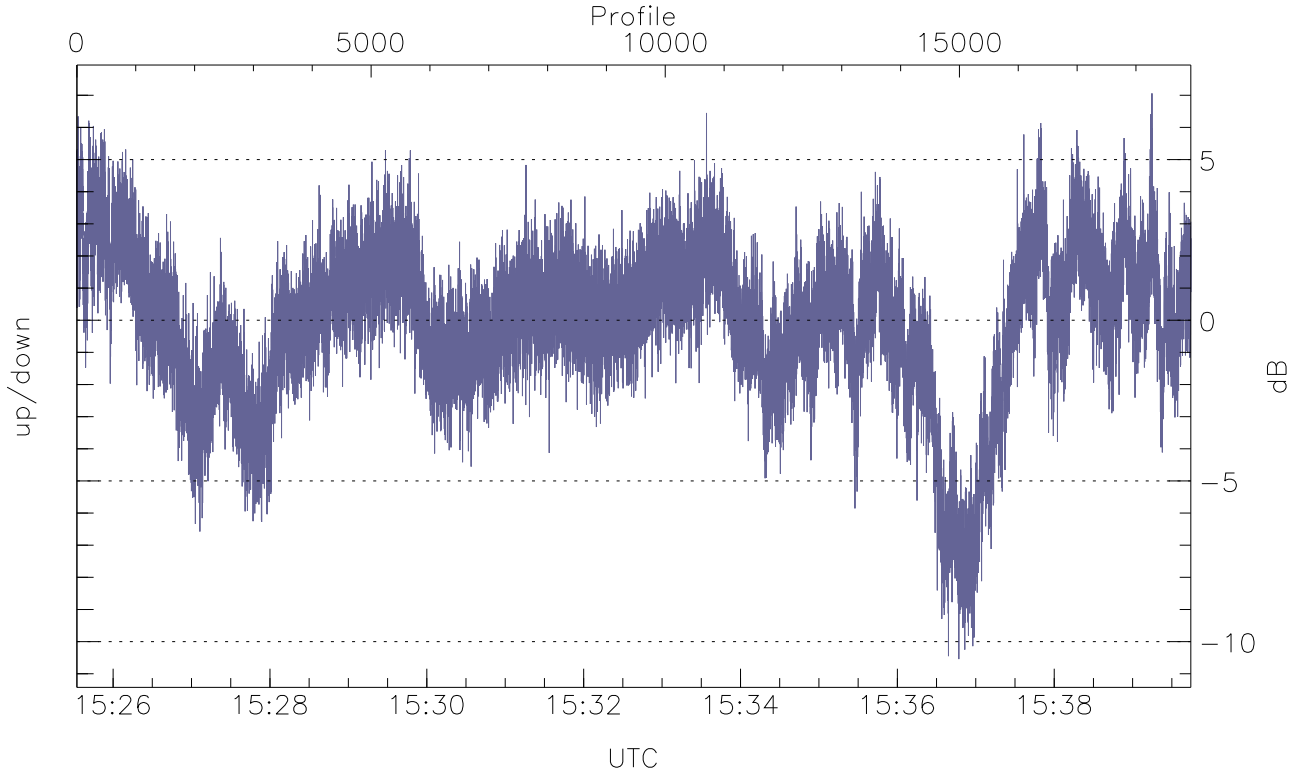


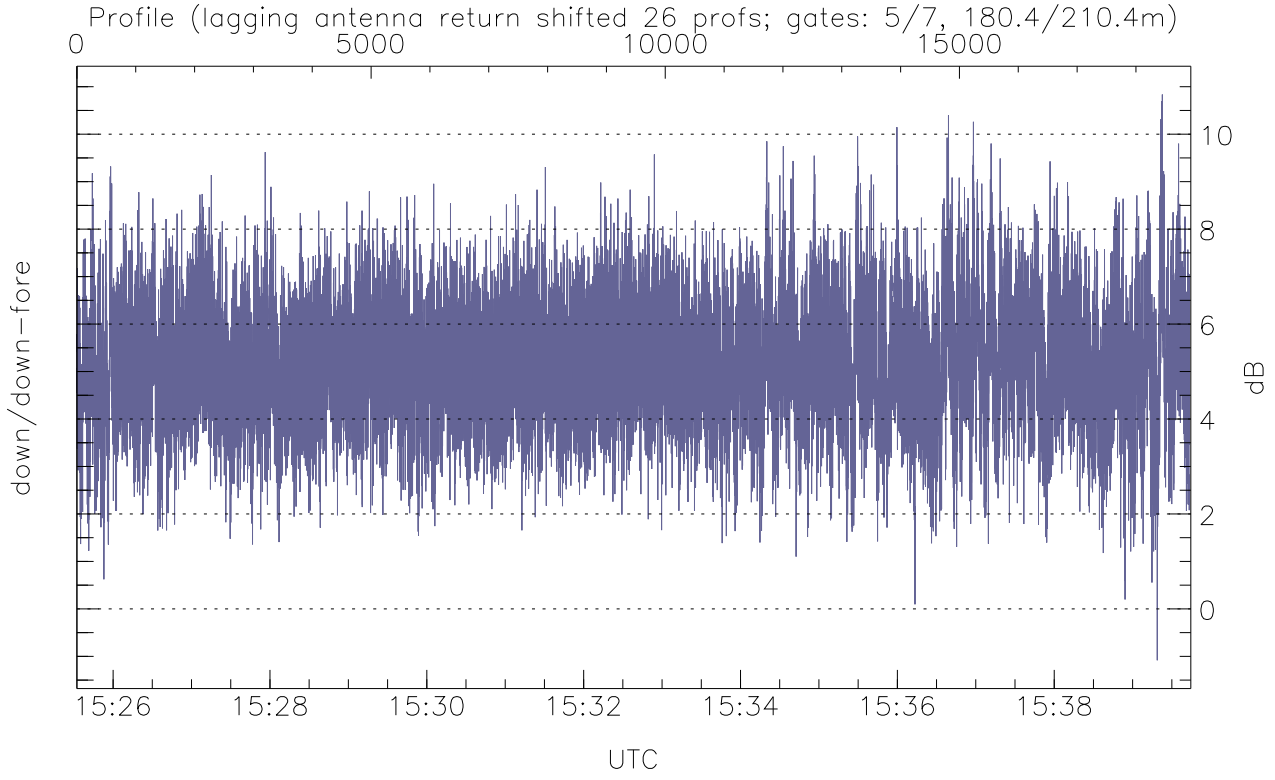
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

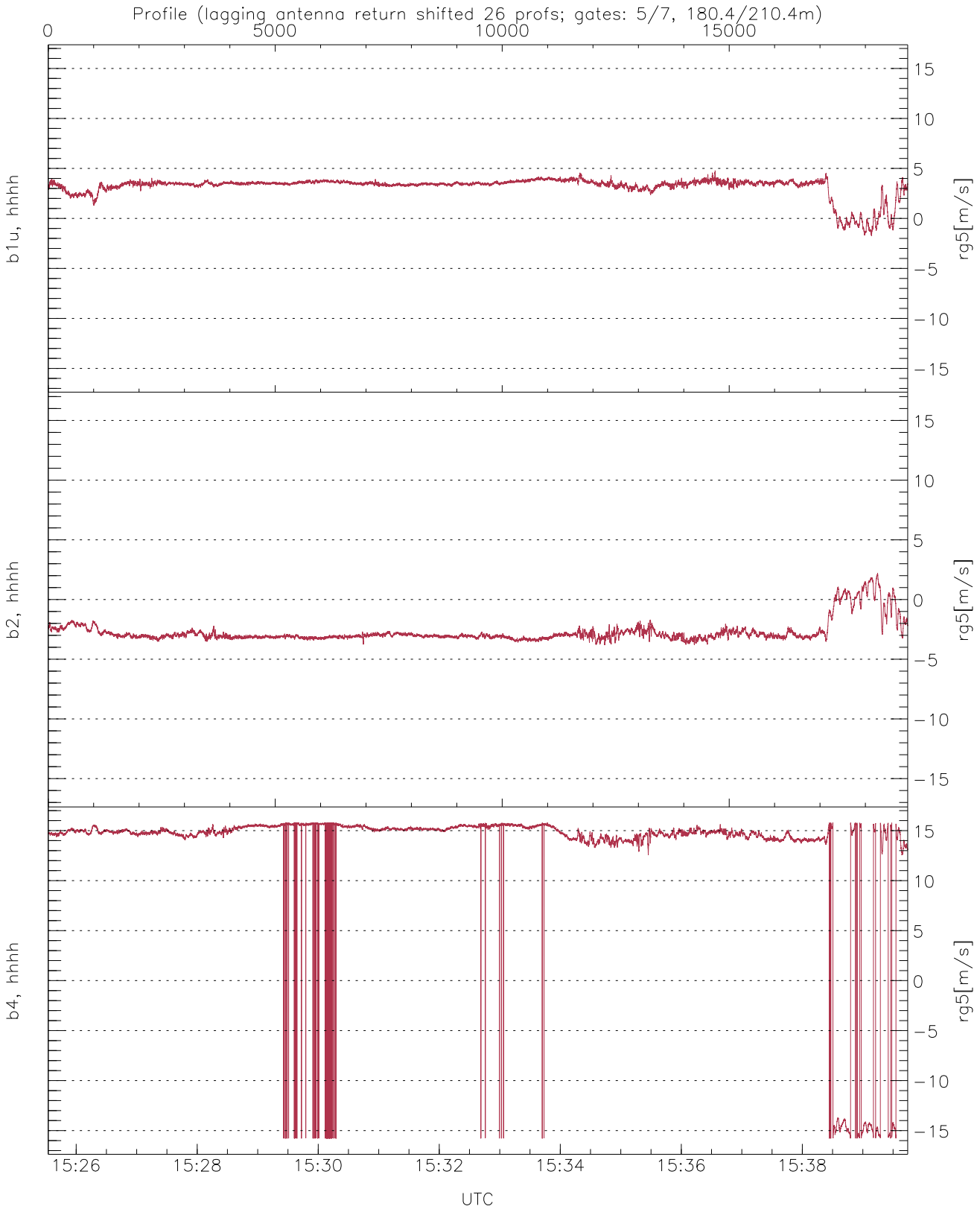
	Min	Max	Mean
up(hh[dBm])	-30.67	-14.83	-20.93
down(hh[dBm])	-33.98	-14.71	-20.97
down-fore(hh[dBm])	-37.56	-18.91	-24.87





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

	Min	Max	Mean
up/down(dB)	-10.54	7.06	-0.06
down/down-fore(dB)	-1.08	10.84	5.20



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.76	4.79	3.18	1.03
b2, hhhh(rg5[m/s])	-3.82	2.22	-2.72	0.95
b4, hhhh(rg5[m/s])	-15.79	15.79	13.14	7.06