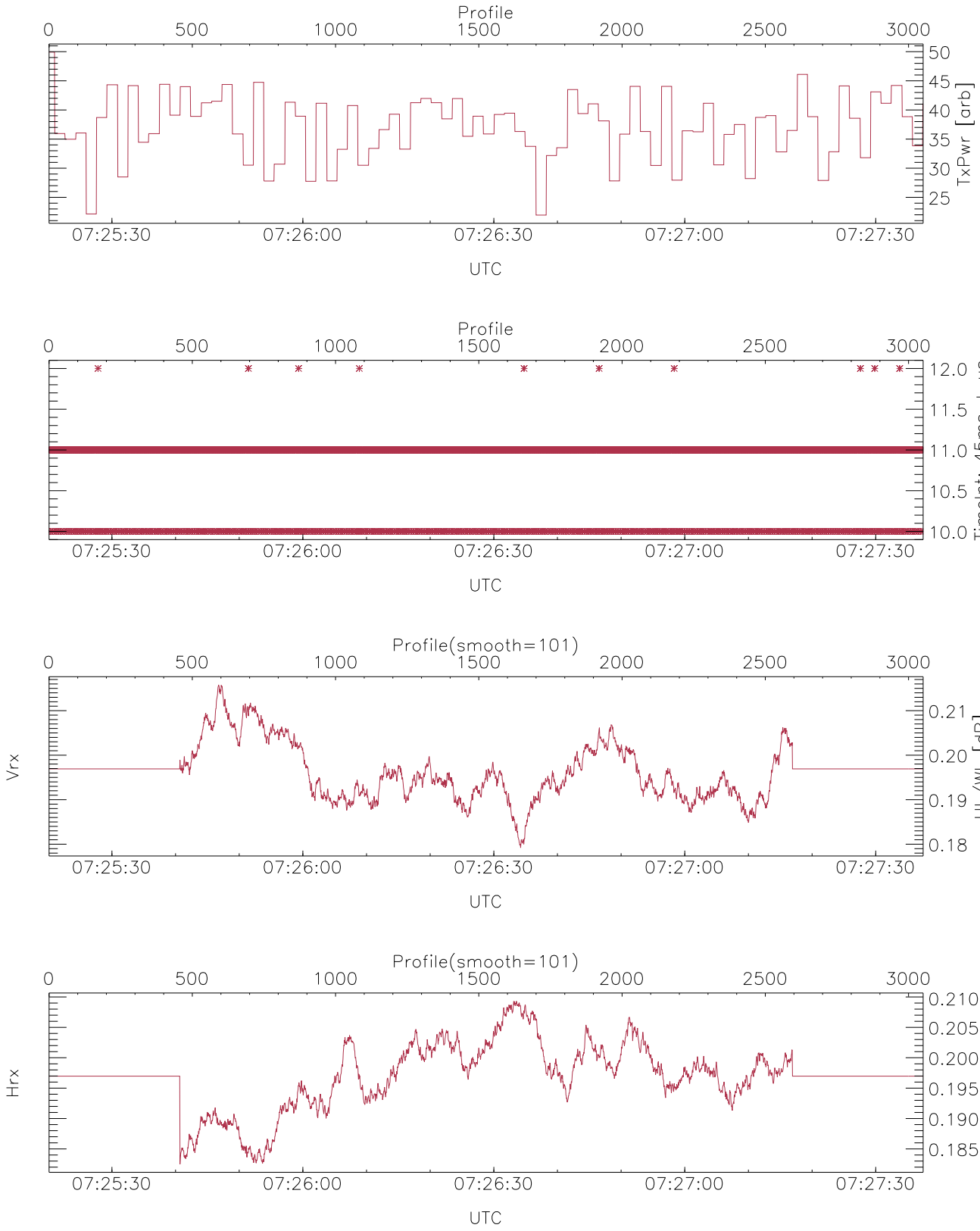
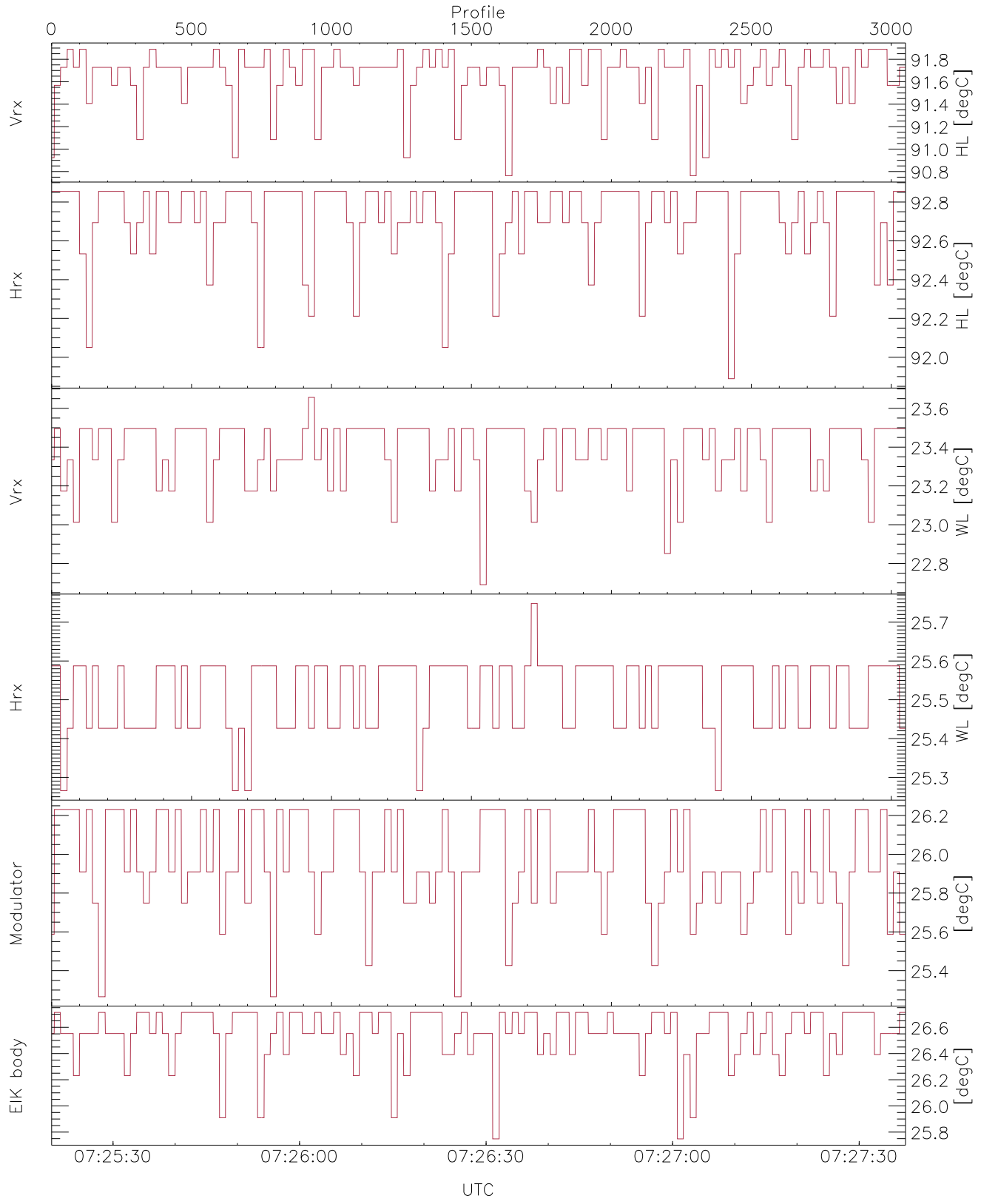


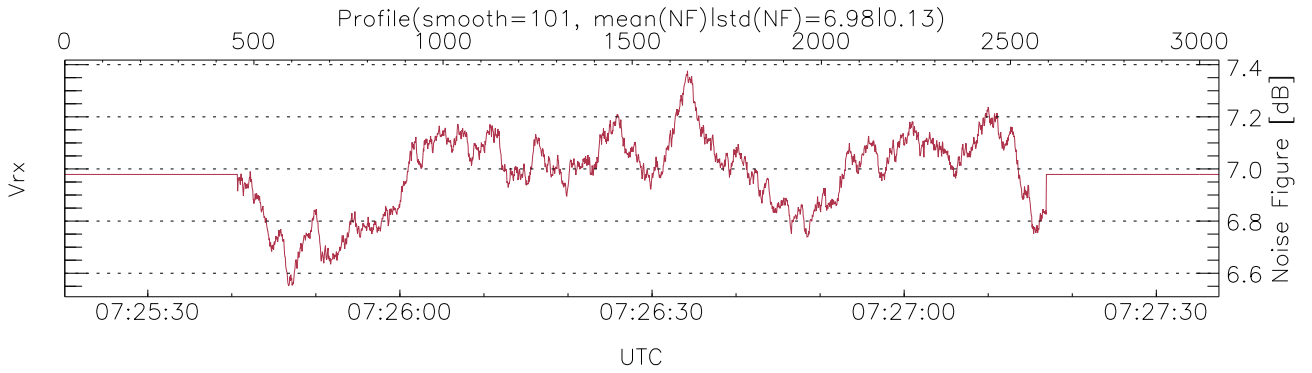
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

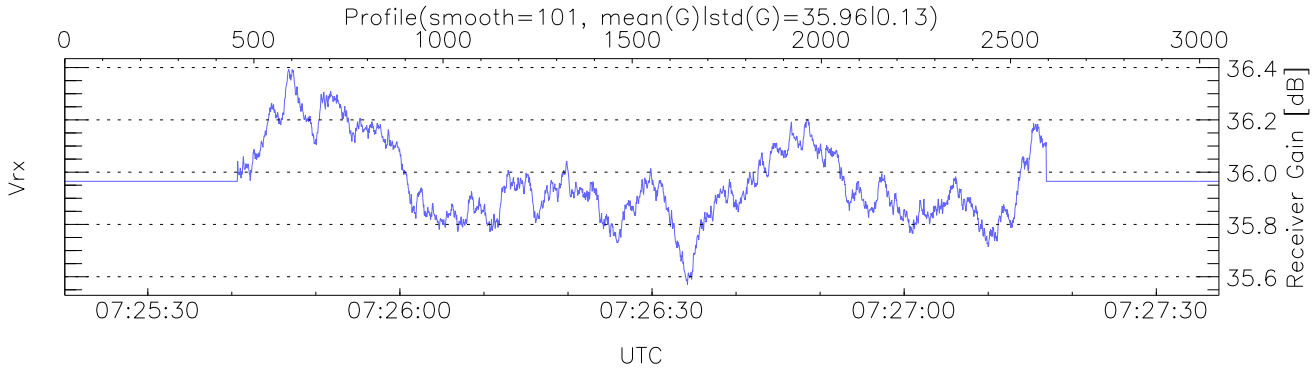
UTC: 07:25:20-07:27:37, TimeCor: 0.00s, Dur: 137.33s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 3052/3052, 0-3051/07:25:20-07:27:37
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 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

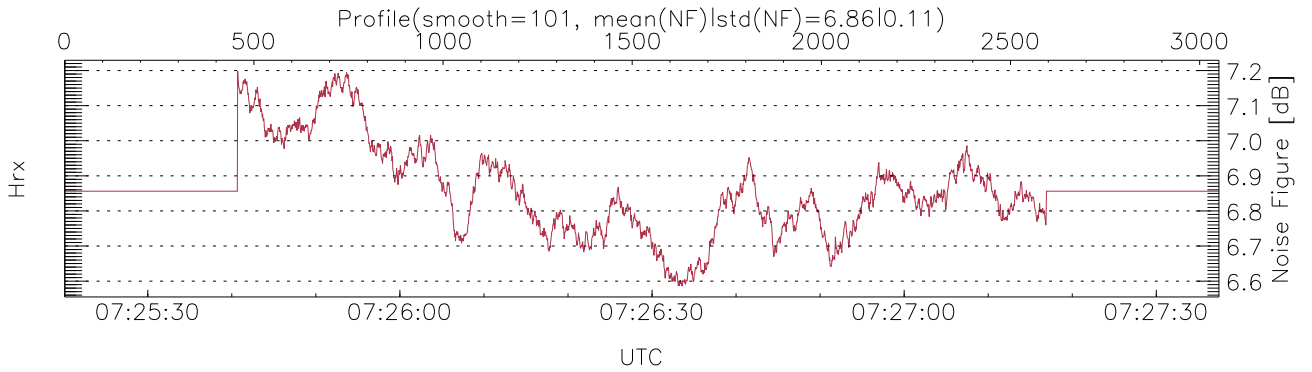


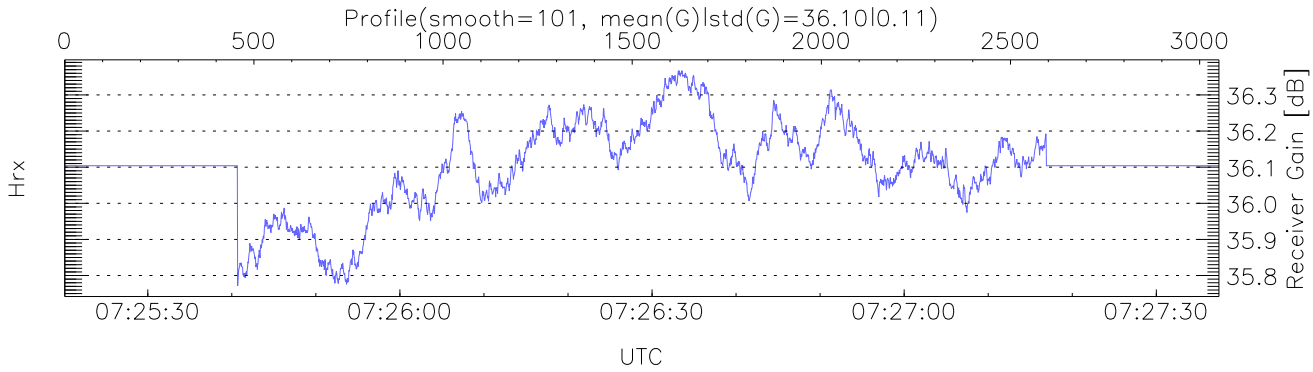
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,25,25,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,26,26
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK/Modulator Faults: None



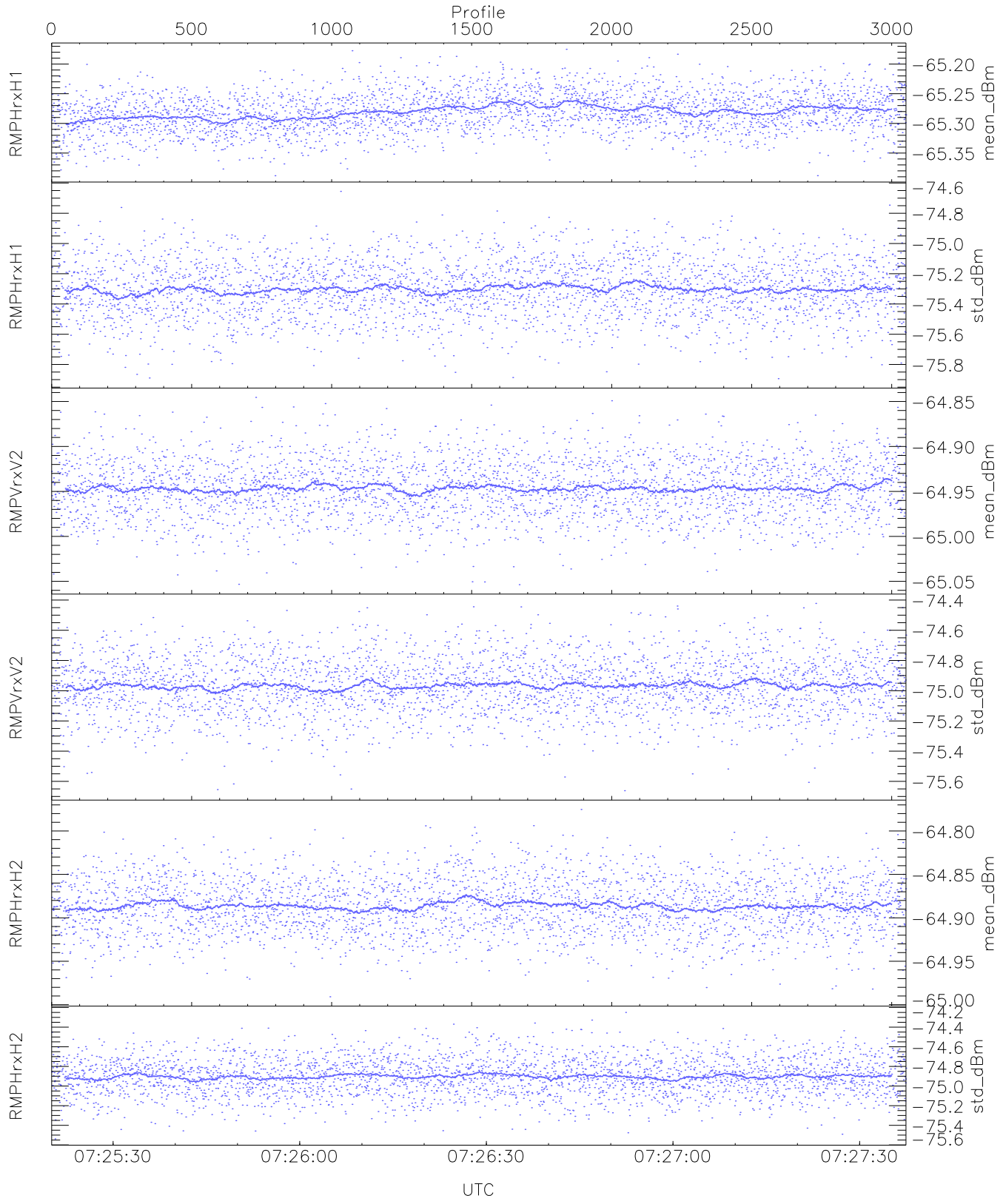






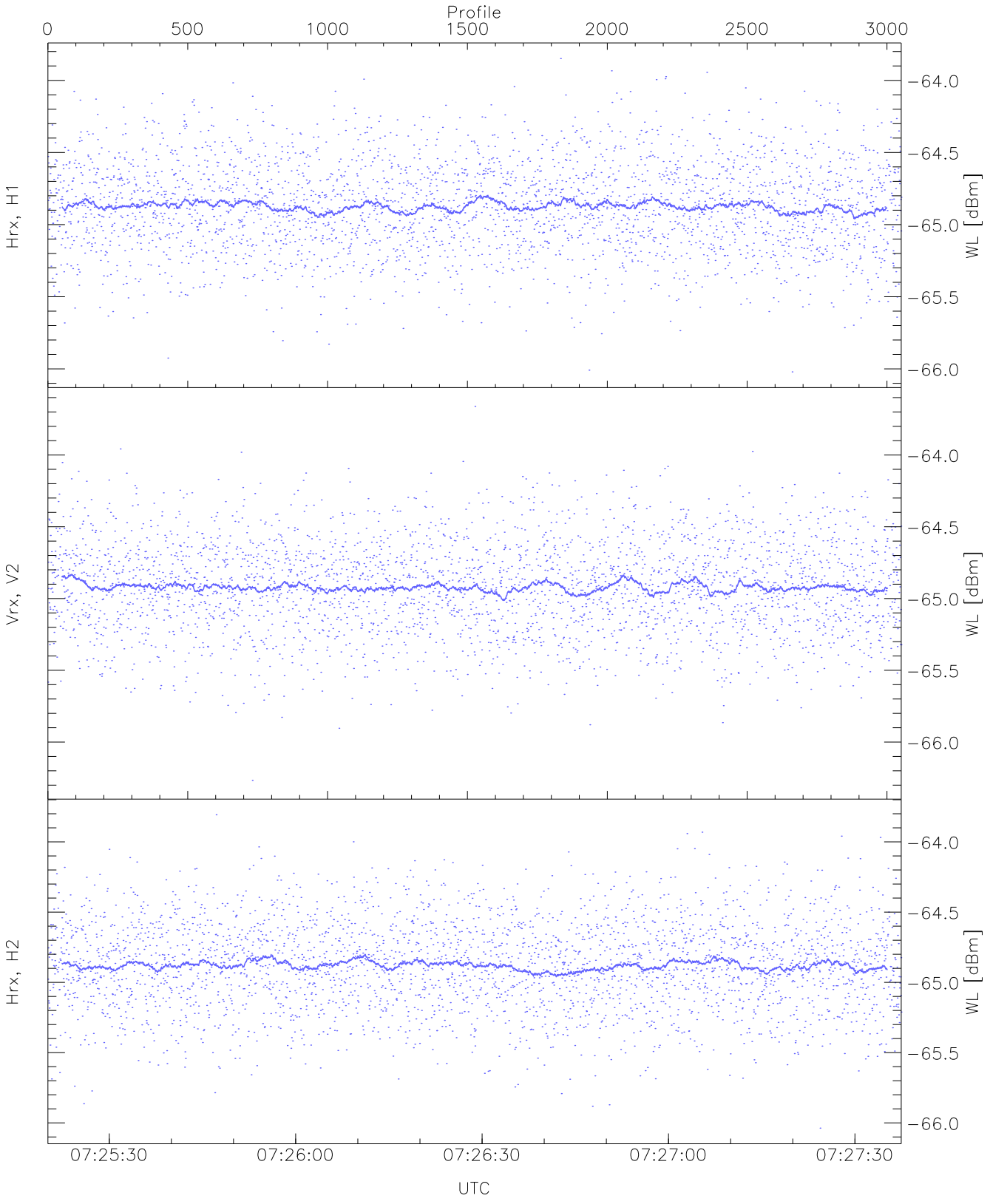
WCR3 CPP Receivers Gain and Noise Figure

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



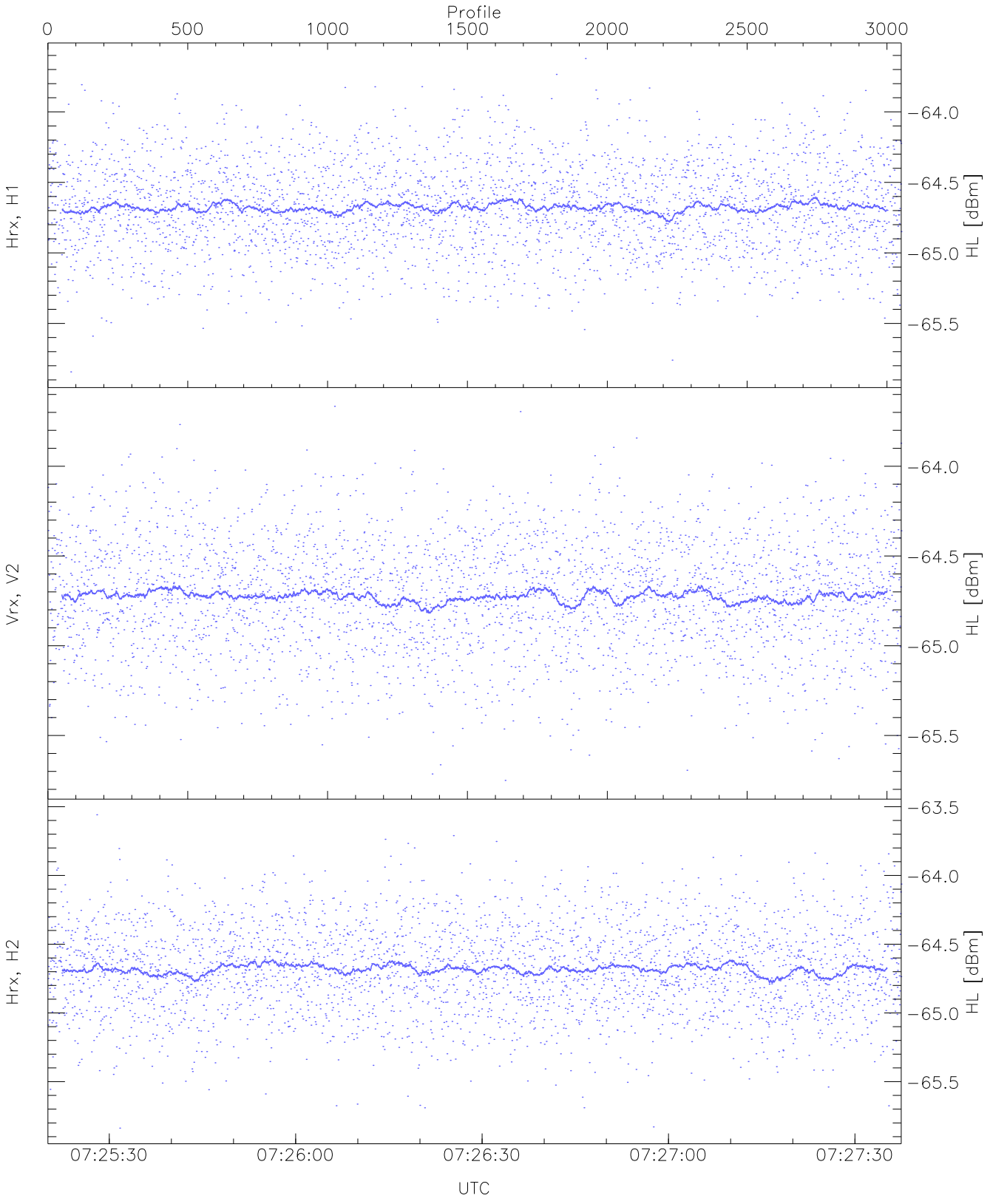
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.39	-65.18	-65.28	-65.28	-86.68
RMPHrxH1(std_dBm)	-75.89	-74.66	-75.30	-75.30	-89.13
RMPVrxV2(mean_dBm)	-65.05	-64.85	-64.95	-64.95	-86.47
RMPVrxV2(std_dBm)	-75.66	-74.42	-74.96	-74.97	-88.79
RMPHrxH2(mean_dBm)	-64.99	-64.78	-64.89	-64.89	-86.44
RMPHrxH2(std_dBm)	-75.54	-74.25	-74.90	-74.90	-88.72



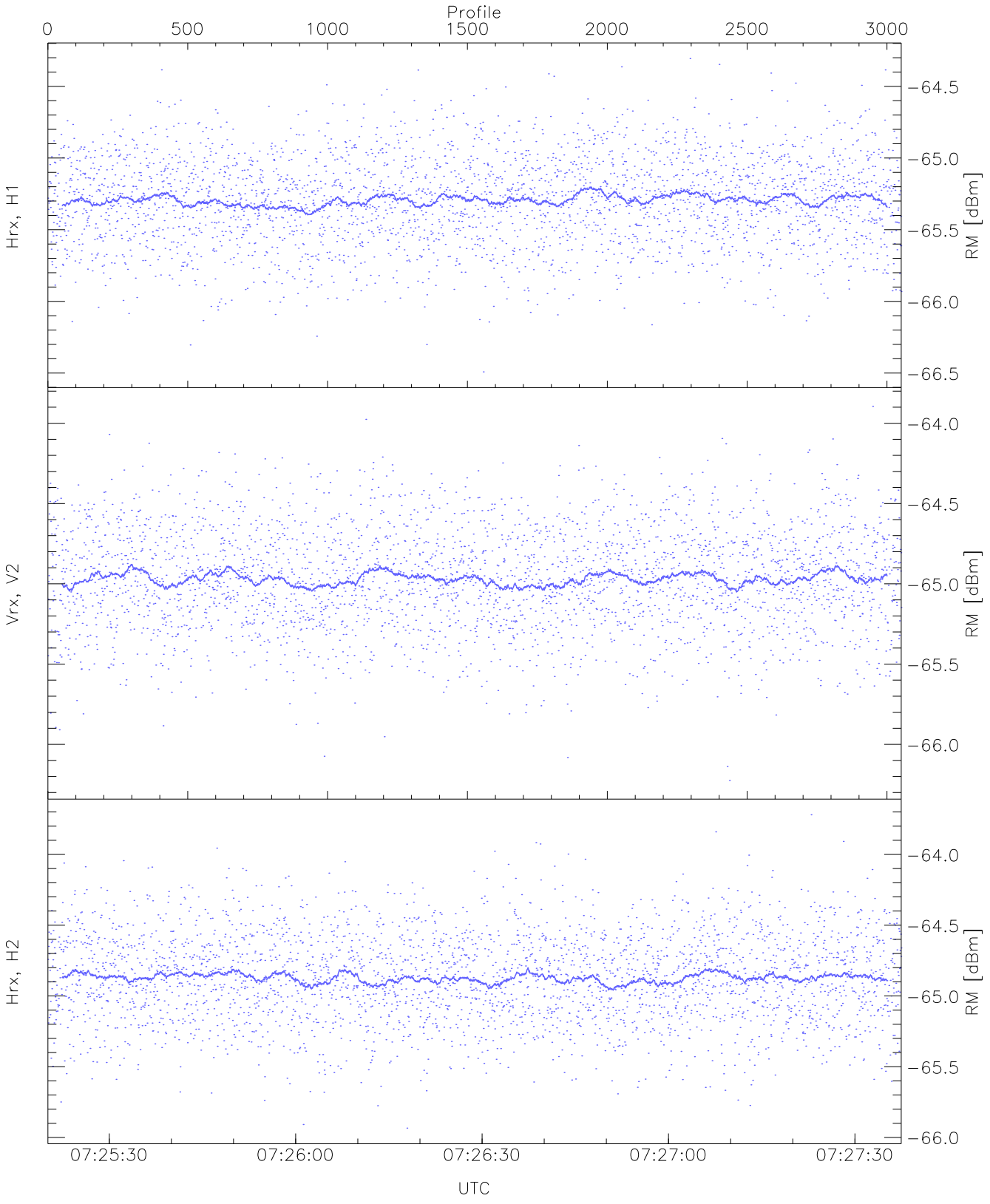
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.02	-63.85	-64.86	-64.87	-76.38
Vrx, V2(WL [dBm])	-66.27	-63.66	-64.91	-64.92	-76.33
Hrx, H2(WL [dBm])	-66.04	-63.81	-64.87	-64.88	-76.40



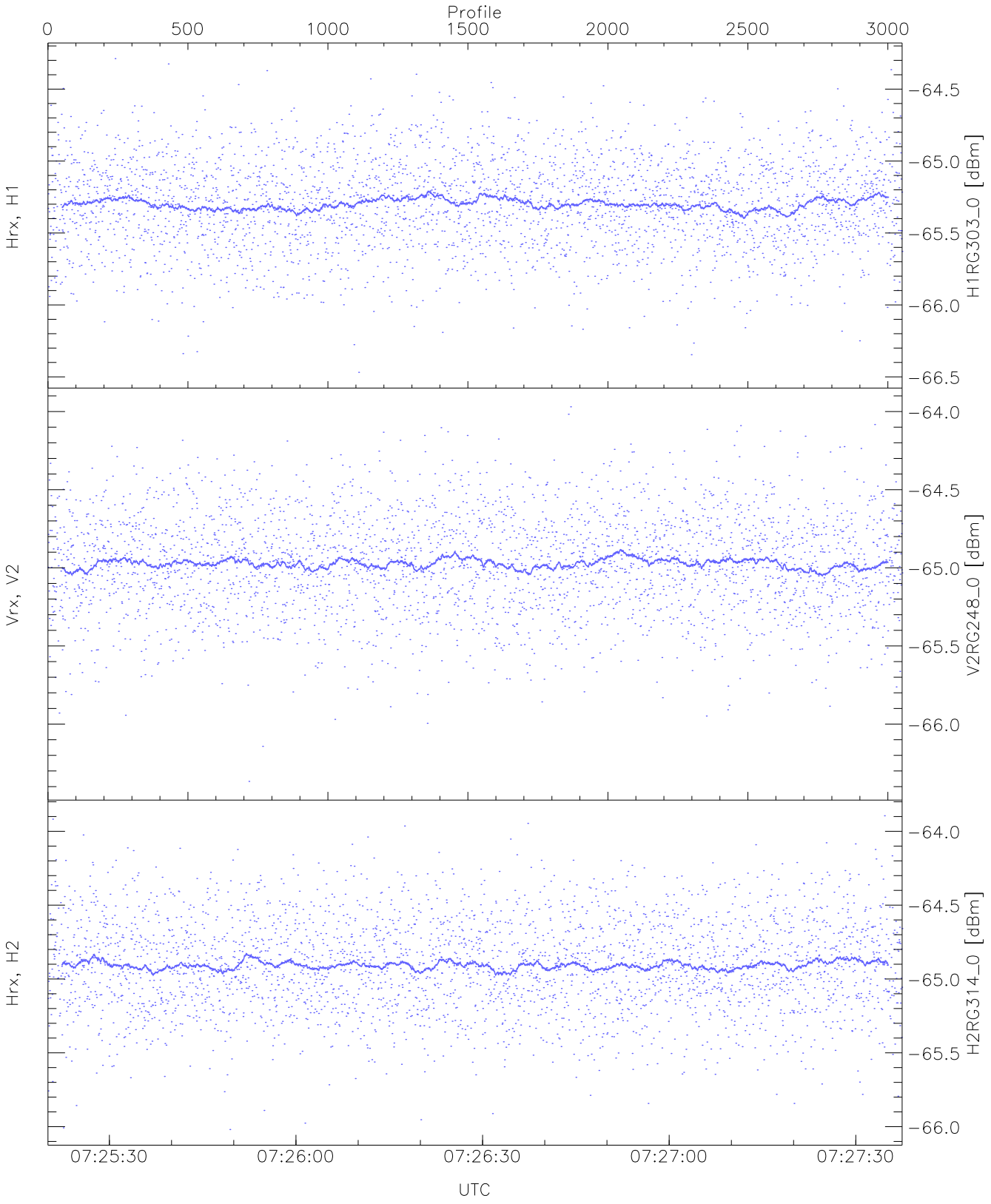
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.84	-63.62	-64.67	-64.68	-76.26
Vrx, V2(HL [dBm])	-65.75	-63.67	-64.71	-64.71	-76.29
Hrx, H2(HL [dBm])	-65.84	-63.56	-64.67	-64.68	-76.13



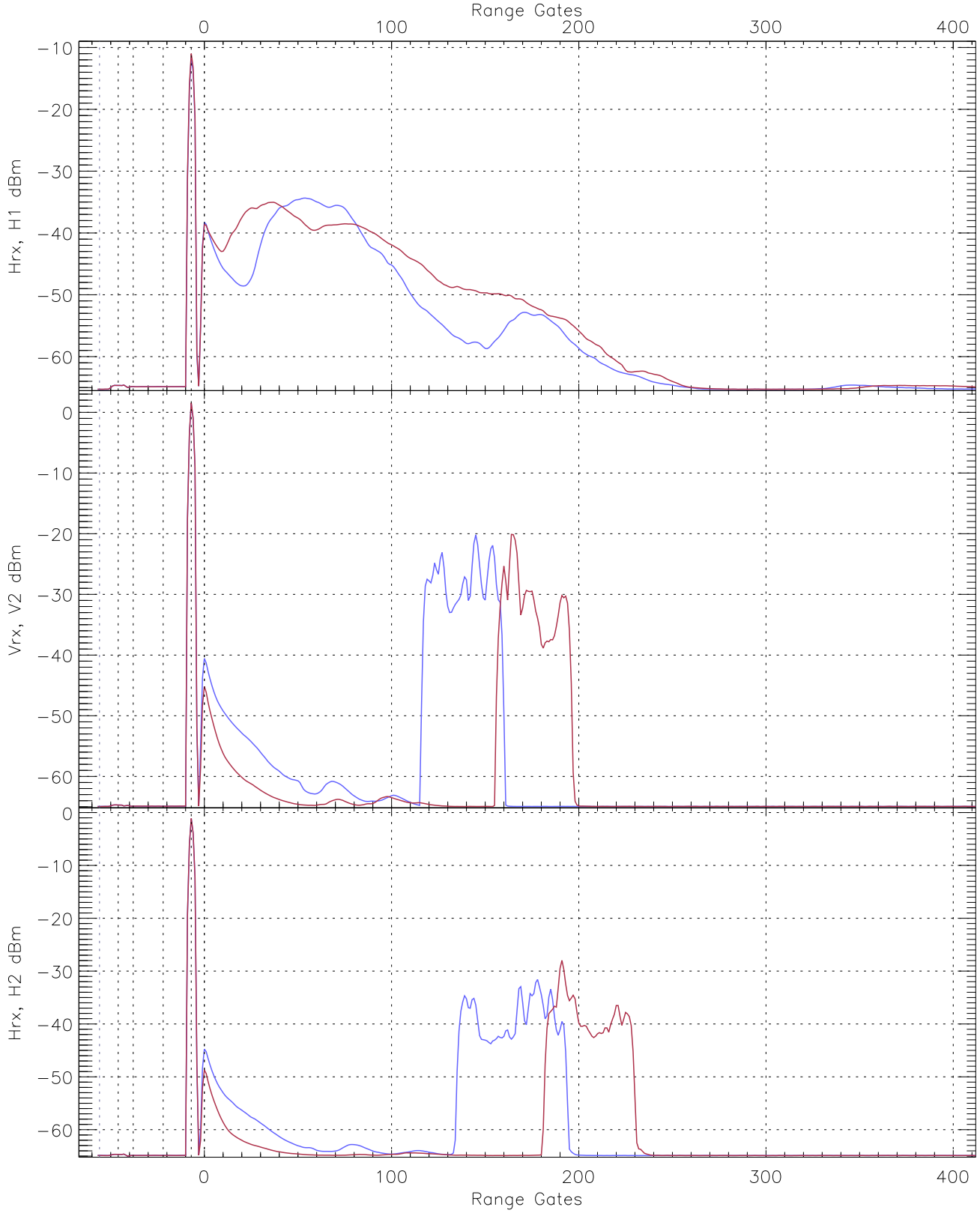
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.49	-64.31	-65.29	-65.29	-76.92
Vrx, V2(RM [dBm])	-66.22	-63.89	-64.96	-64.97	-76.48
Hrx, H2(RM [dBm])	-65.93	-63.72	-64.86	-64.88	-76.40

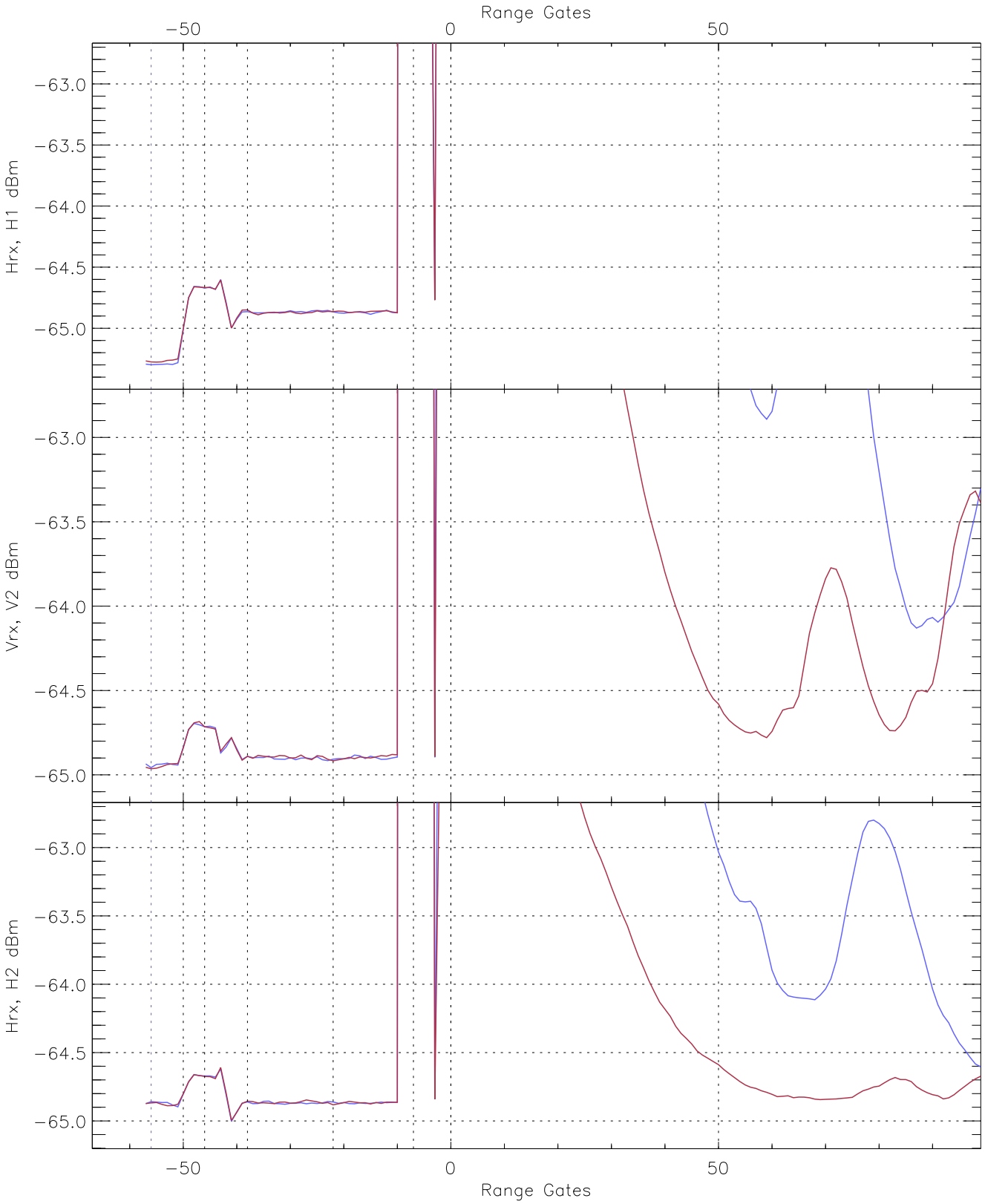


WCR3 CPP "Best" estimate Receivers Noise Power

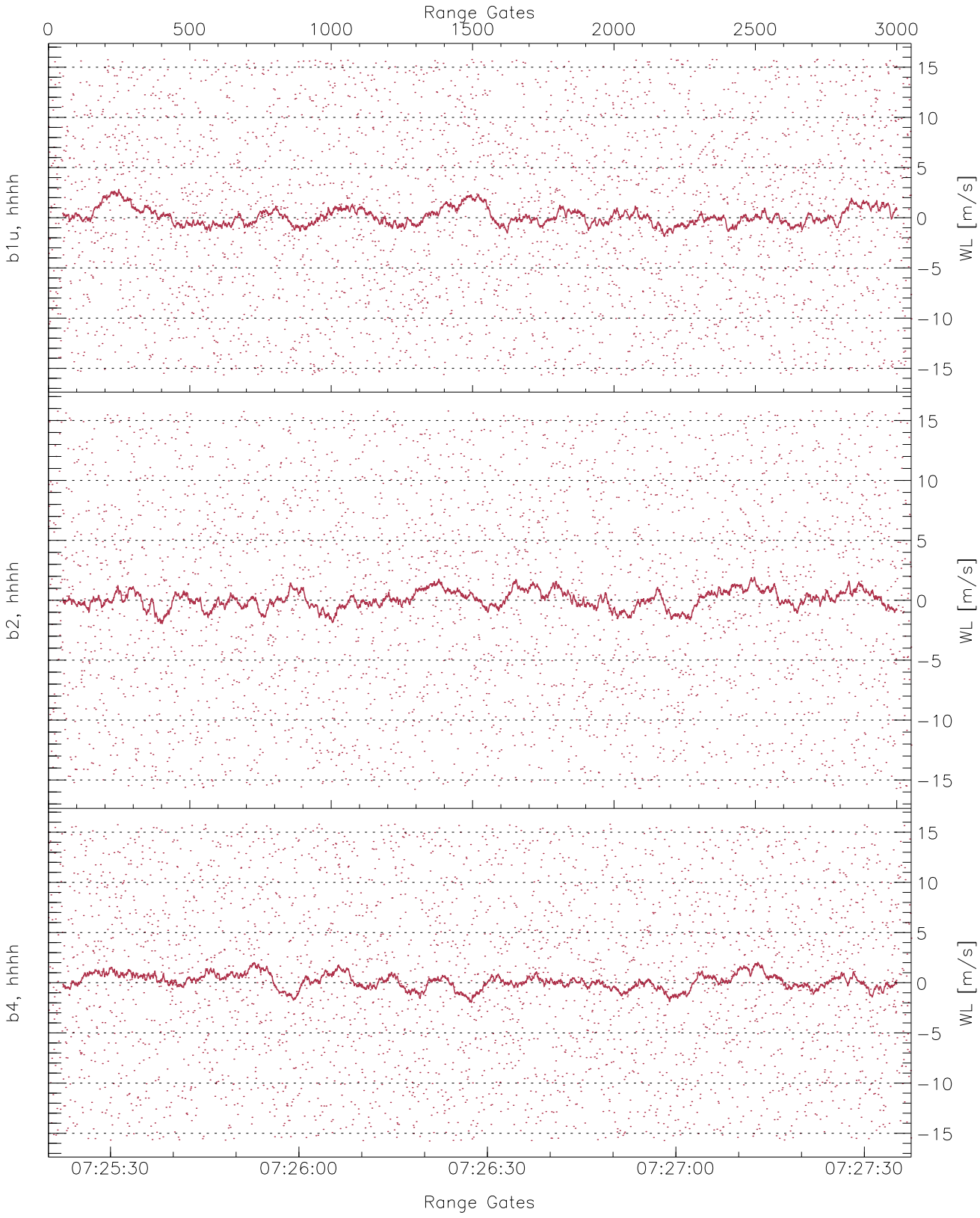
	Min	Max	Mean	Median	StDev
H1RG303_0 [dBm]	-66.47	-64.29	-65.29	-65.29	-76.89
V2RG248_0 [dBm]	-66.37	-63.97	-64.96	-64.97	-76.45
H2RG314_0 [dBm]	-66.02	-63.89	-64.90	-64.91	-76.36



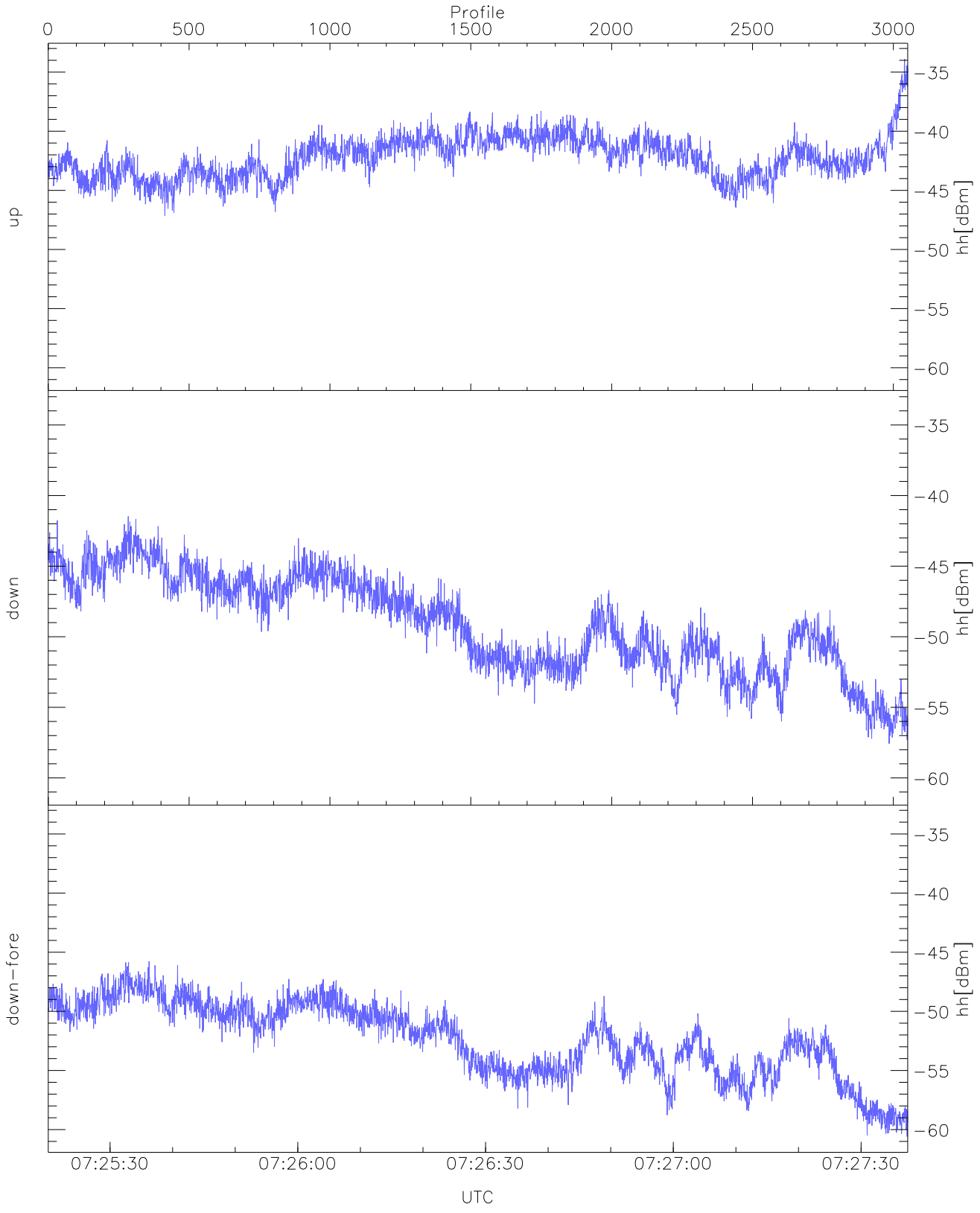
WCR3 CPP Averaged Received power for all recorded gates
blue: 072520-072629, 1527 profiles averaged
red: 072629-072737, 1526 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 072520-072629, 1527 profiles averaged
red: 072629-072737, 1526 profiles averaged

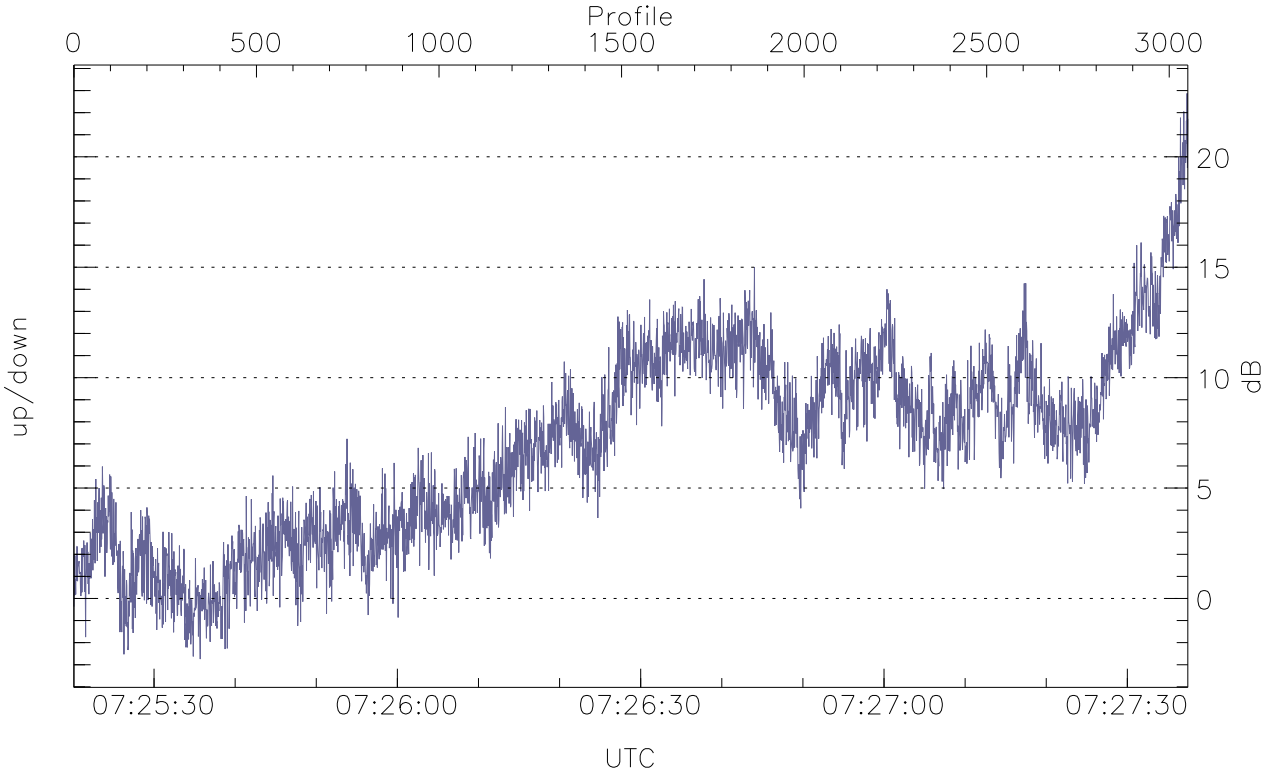


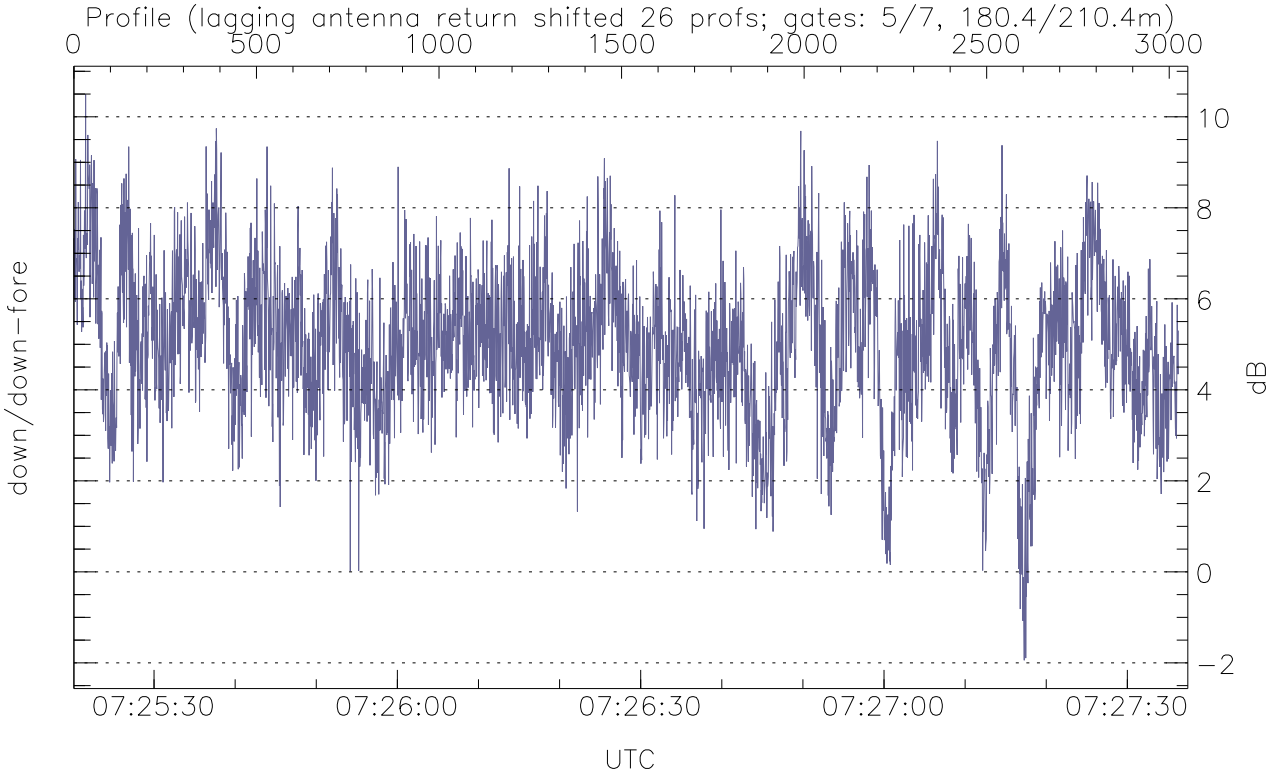
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

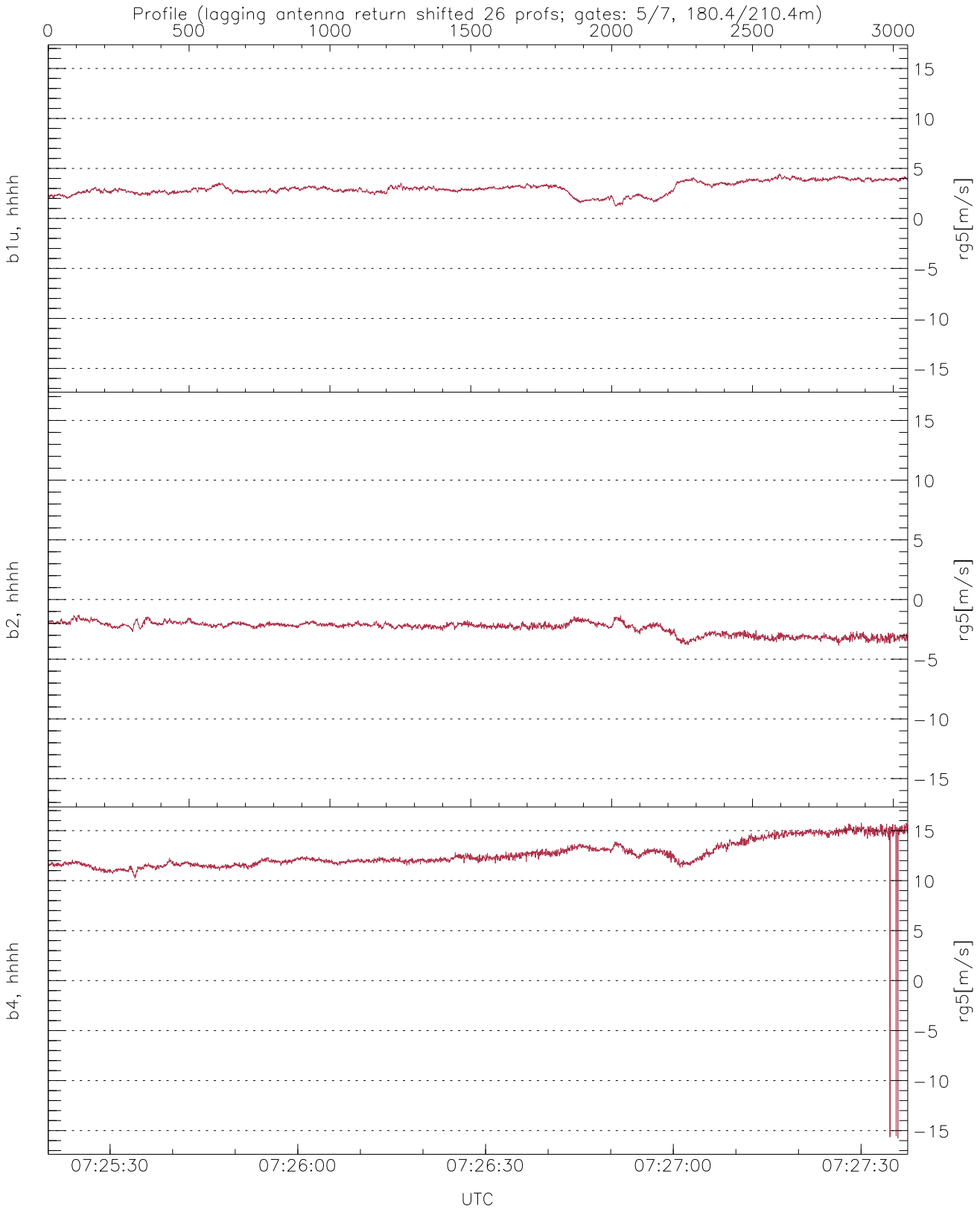
	Min	Max	Mean
up(hh[dBm])	-47.15	-33.89	-41.86
down(hh[dBm])	-57.58	-41.47	-47.91
down-fore(hh[dBm])	-60.59	-45.77	-51.43





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

	Min	Max	Mean
up/down(dB)	-2.74	22.88	6.92
down/down-fore(dB)	-1.94	10.49	5.02



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	1.22	4.46	3.01	0.62
b2, hhhh(rg5[m/s])	-3.84	-1.29	-2.39	0.52
b4, hhhh(rg5[m/s])	-15.77	15.78	12.62	1.50