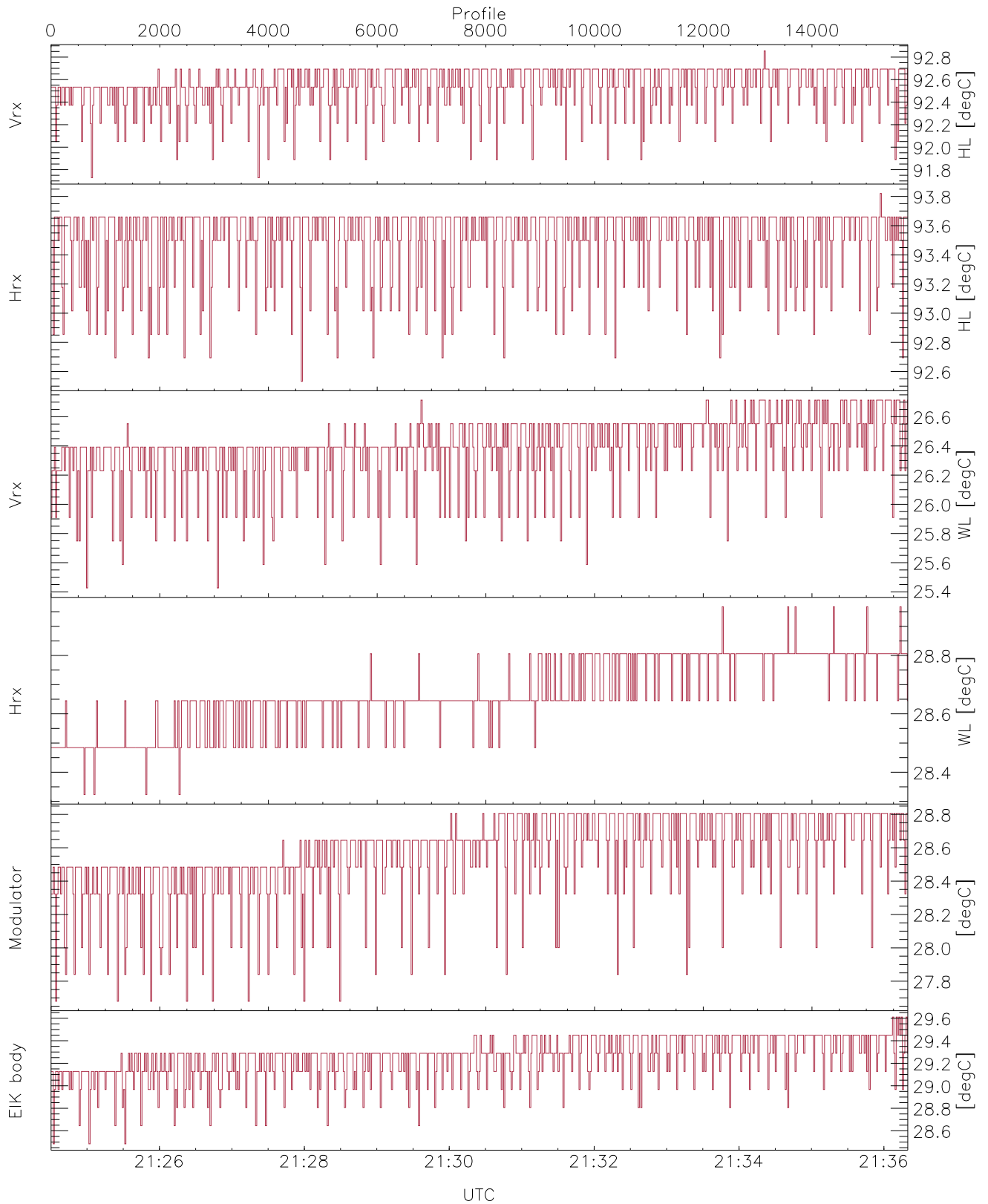


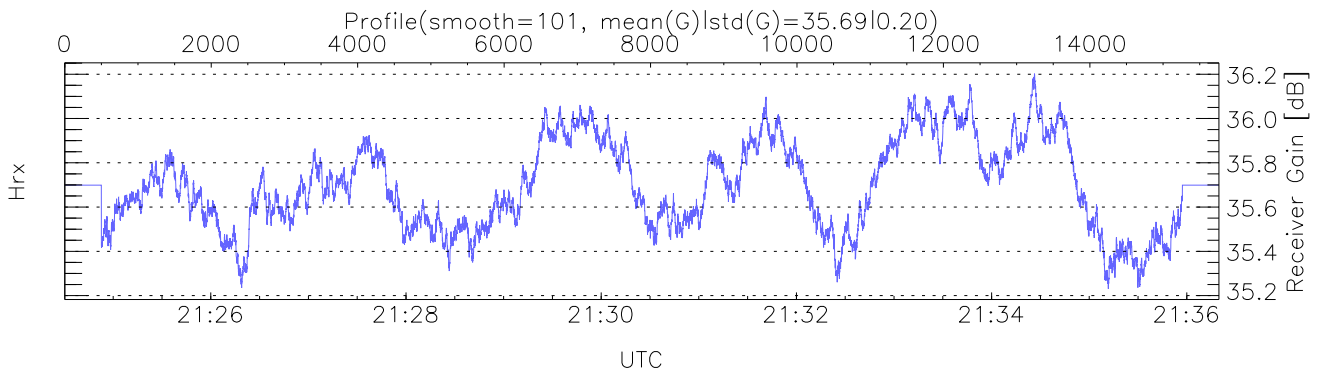
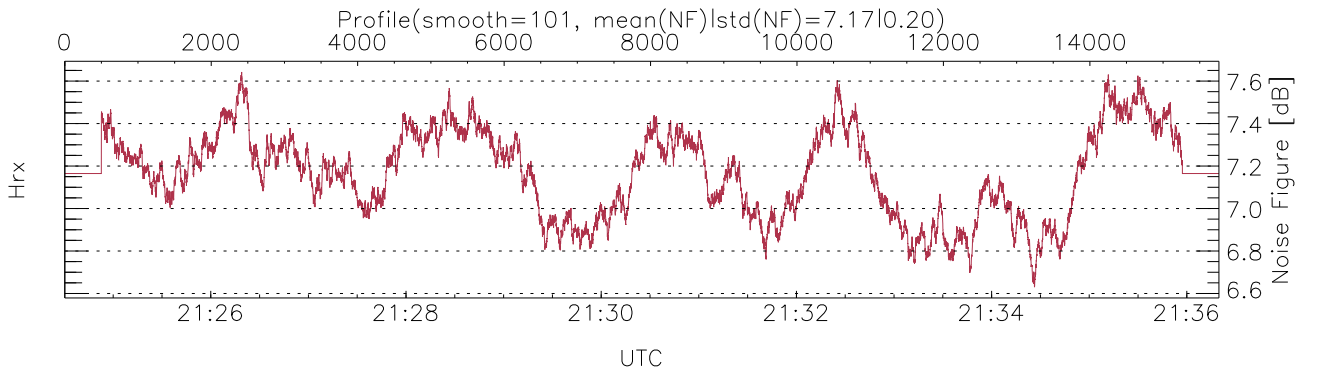
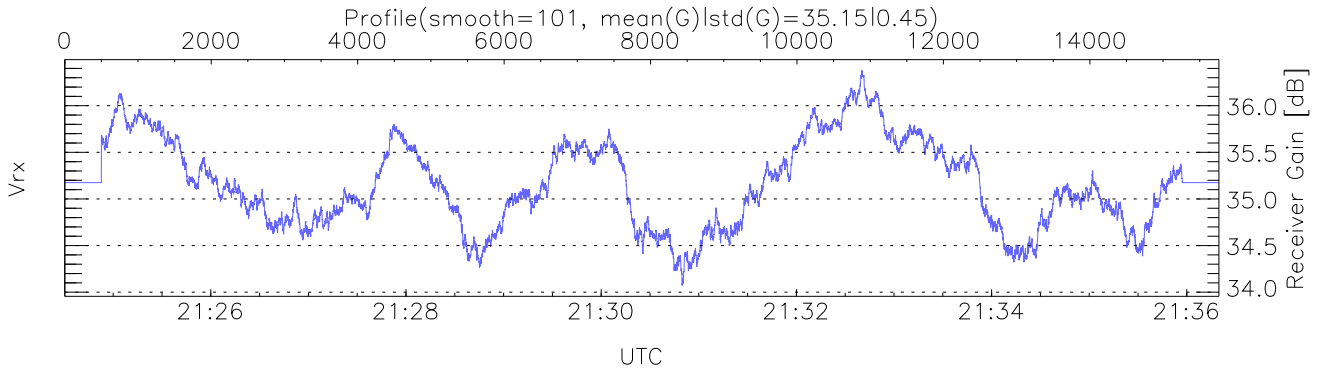
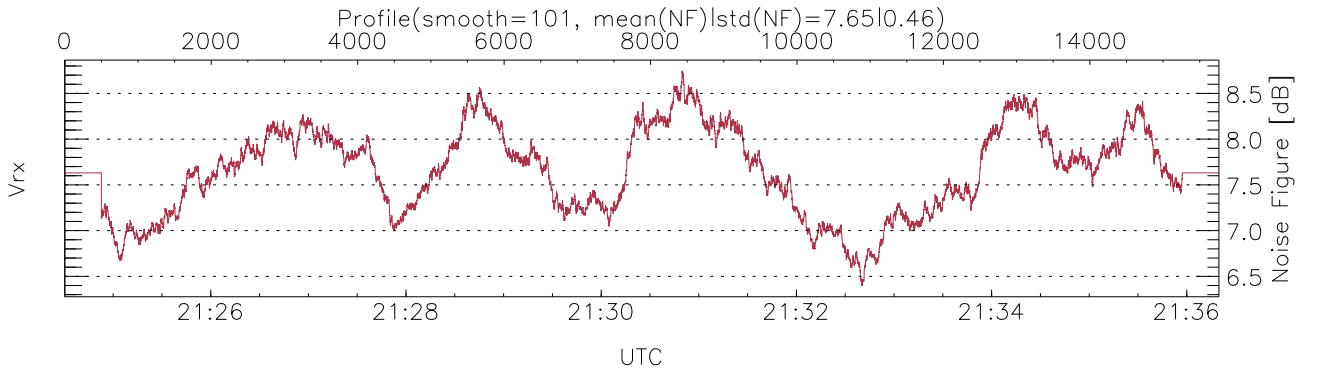
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:24:30-21:36:20, TimeCor: 0.00s, Dur: 709.51s
 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): 15764/15764, 0-15763/21:24:30-21:36:20
 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,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



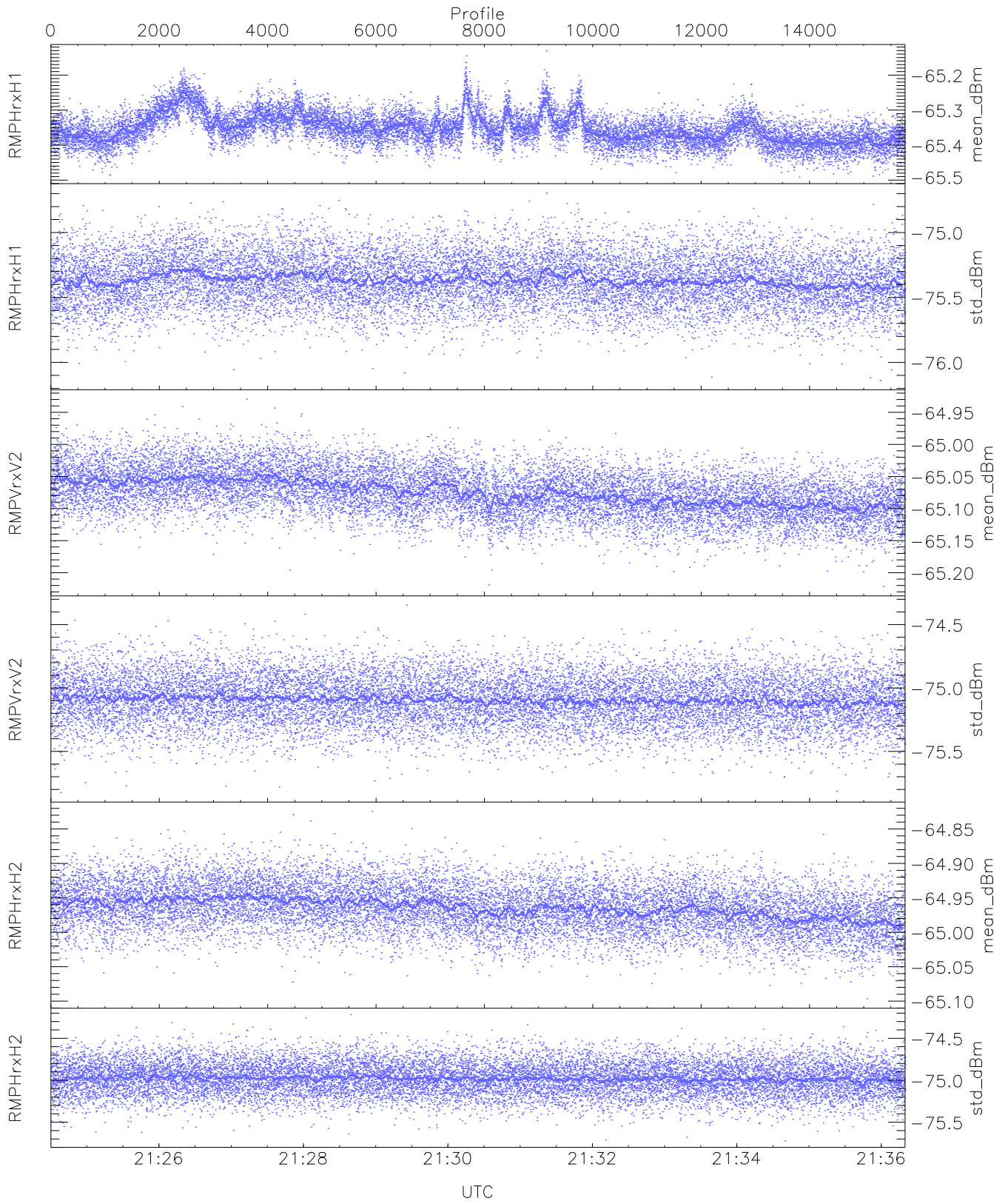
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,25,28,27,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,28,28,29
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



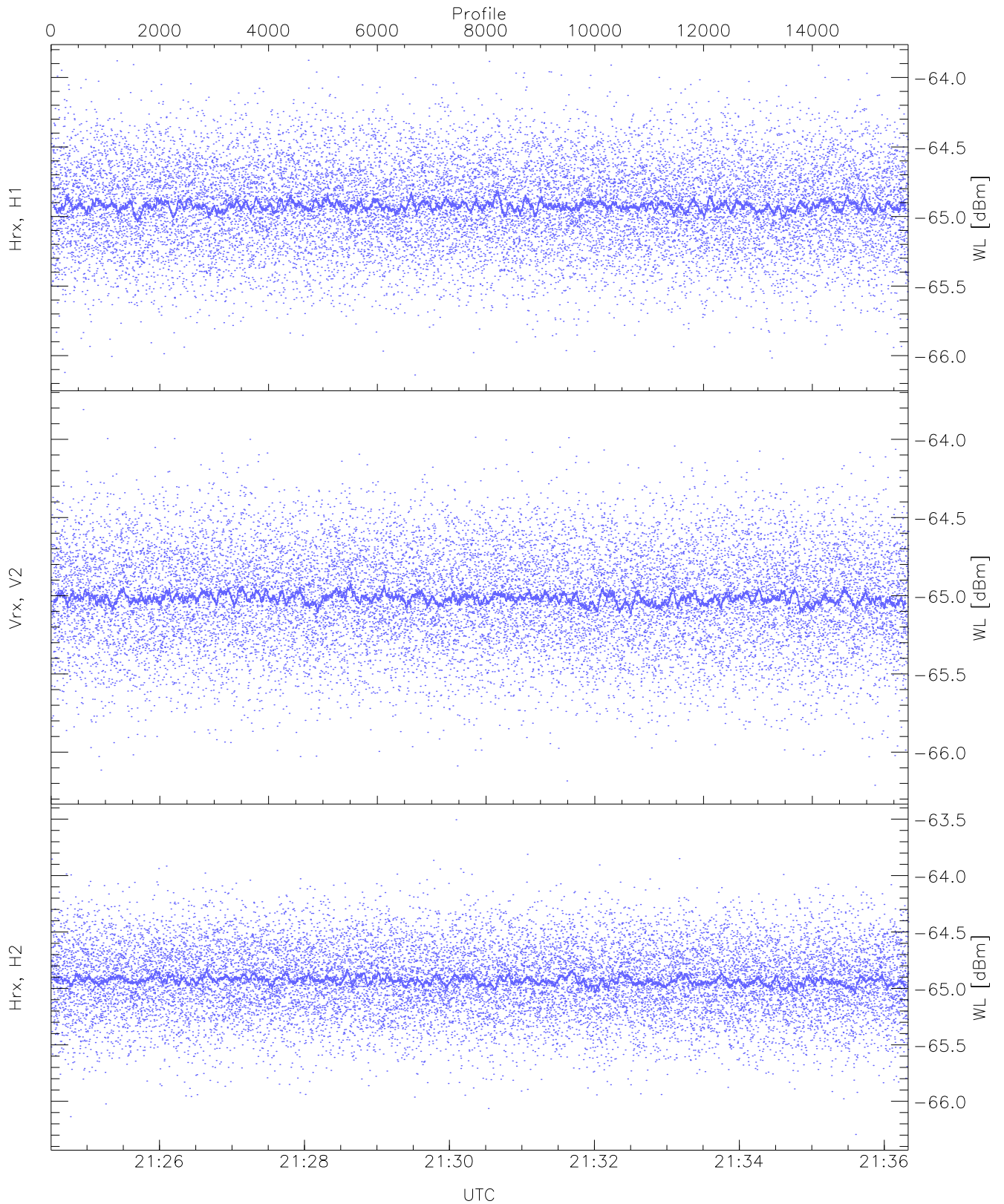
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 4 pixs, 1 gates, 4 profs, 1 prod(s)



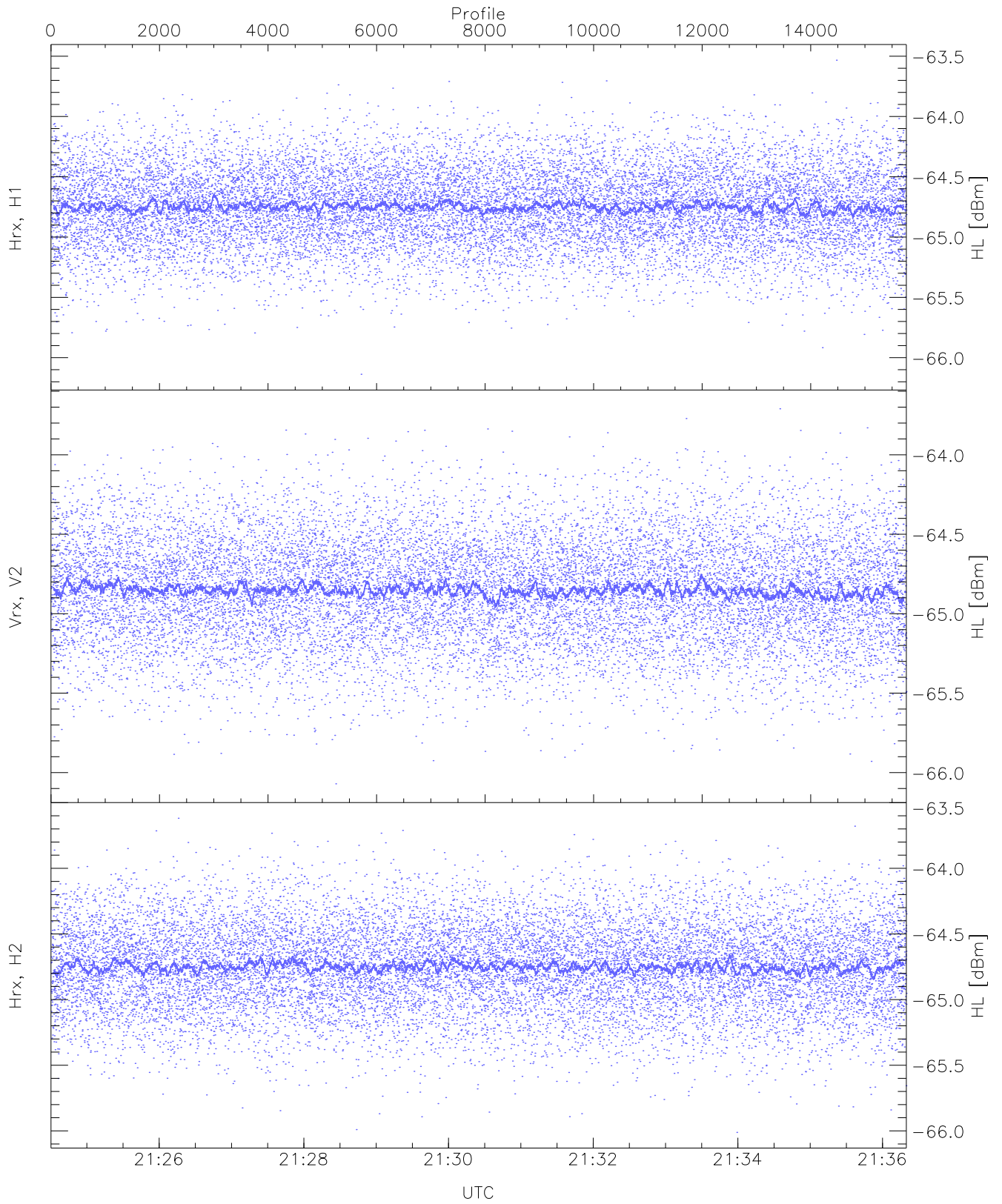
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.49	-65.13	-65.35	-65.36	-85.18
RMPHrxH1 (std_dBm)	-76.14	-74.70	-75.36	-75.37	-89.06
RMPVrxV2 (mean_dBm)	-65.22	-64.93	-65.08	-65.08	-86.06
RMPVrxV2 (std_dBm)	-75.83	-74.35	-75.09	-75.09	-88.89
RMPHrxH2 (mean_dBm)	-65.10	-64.82	-64.96	-64.96	-86.28
RMPHrxH2 (std_dBm)	-75.72	-74.22	-74.98	-74.98	-88.73



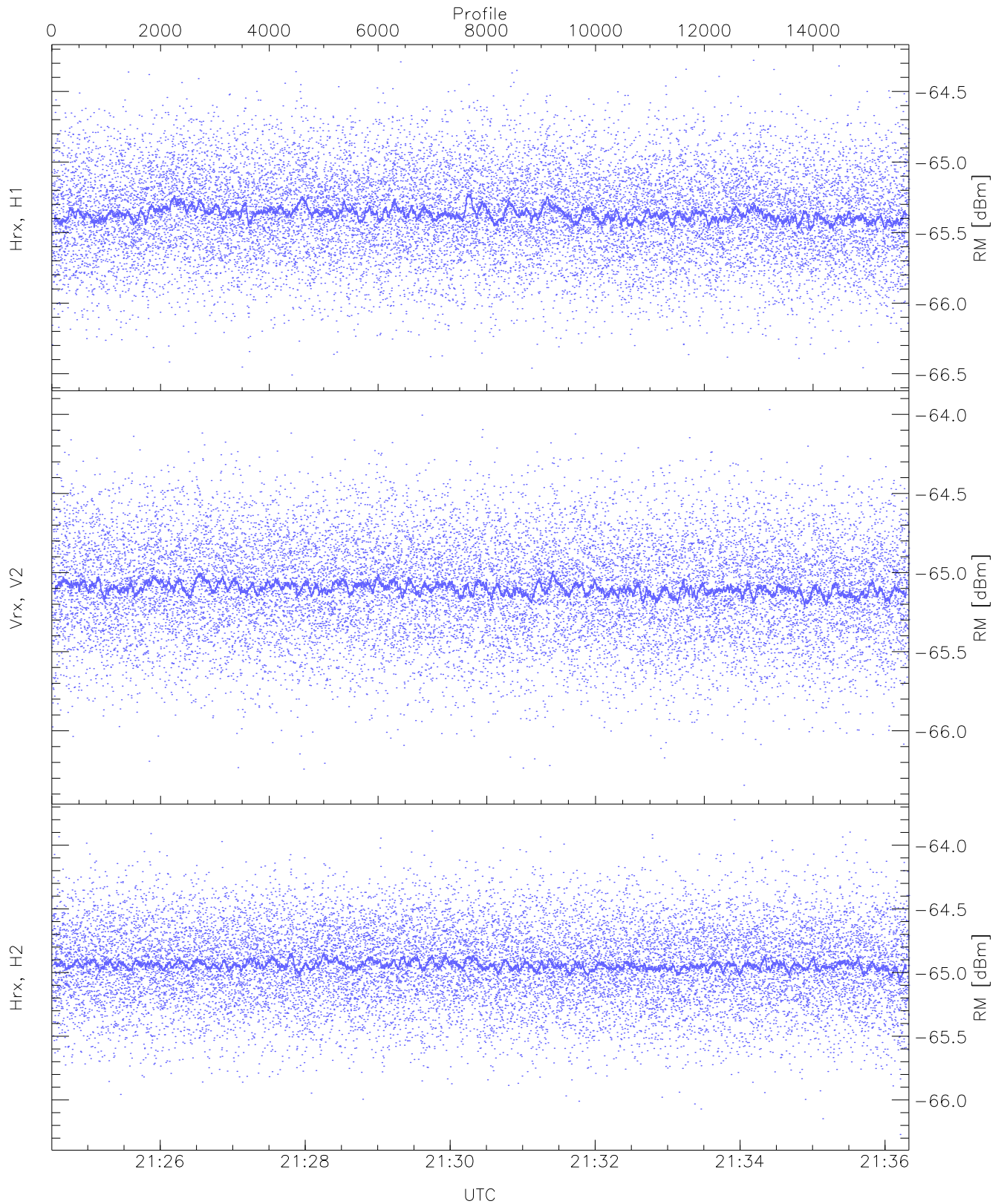
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.14	-63.88	-64.92	-64.92	-76.43
Vrx, V2(WL [dBm])	-66.21	-63.81	-65.01	-65.01	-76.54
Hrx, H2(WL [dBm])	-66.29	-63.51	-64.92	-64.93	-76.39



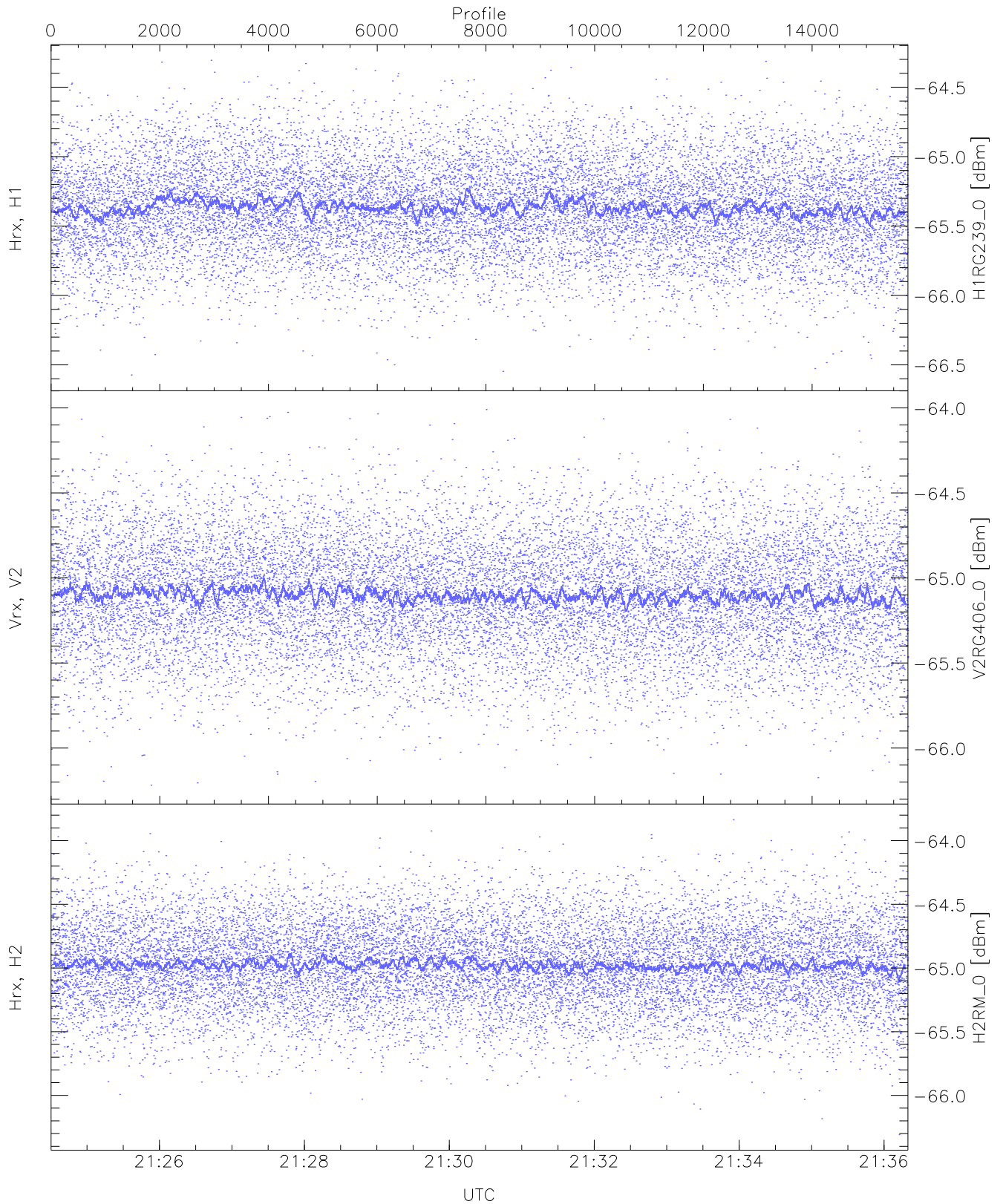
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.14	-63.53	-64.74	-64.75	-76.28
Vrx, V2 (HL [dBm])	-66.07	-63.71	-64.84	-64.85	-76.35
Hrx, H2 (HL [dBm])	-66.01	-63.62	-64.74	-64.75	-76.22



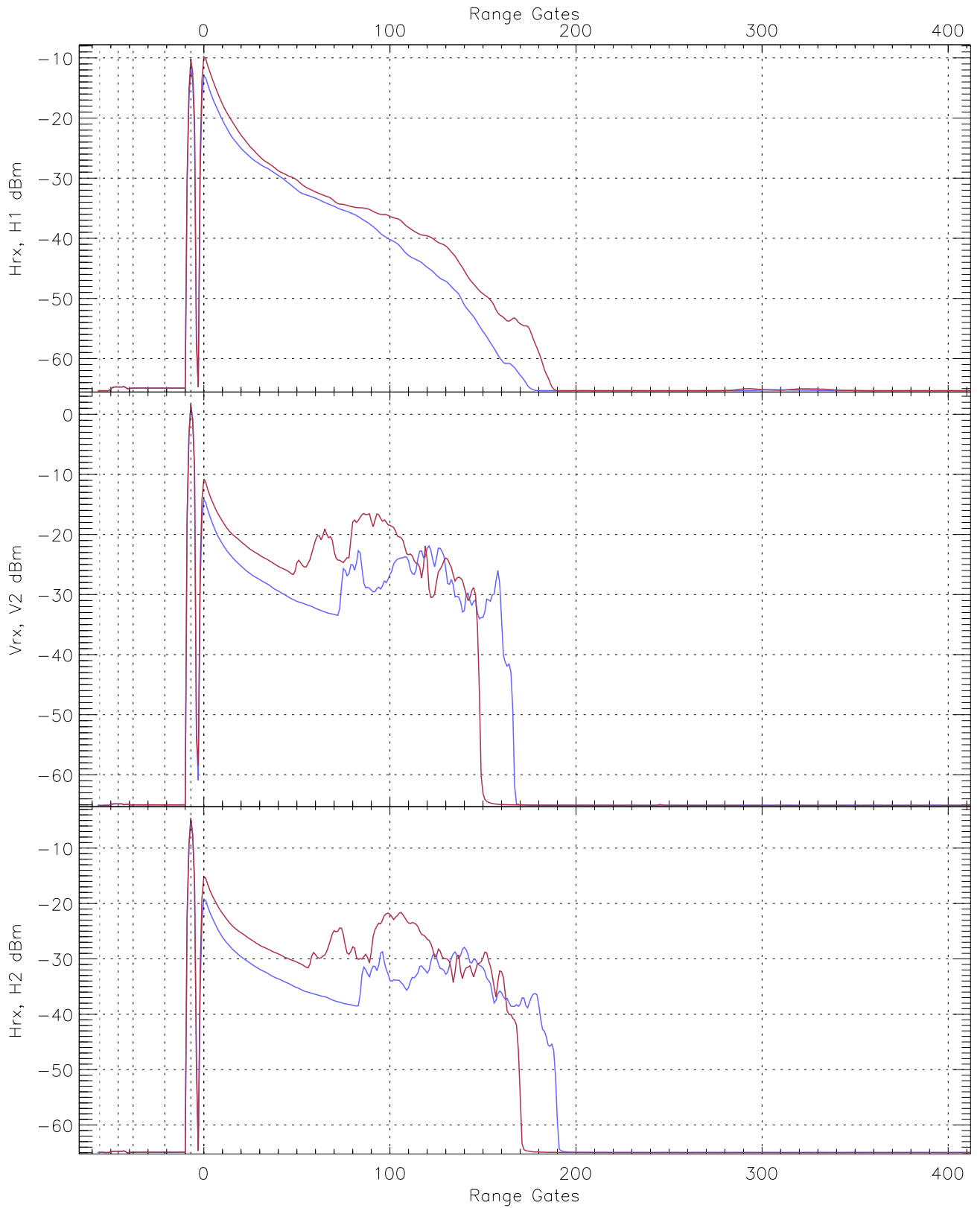
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.51	-64.28	-65.36	-65.37	-76.83
Vrx, V2 (RM [dBm])	-66.34	-63.97	-65.09	-65.10	-76.58
Hrx, H2 (RM [dBm])	-66.27	-63.80	-64.93	-64.94	-76.42

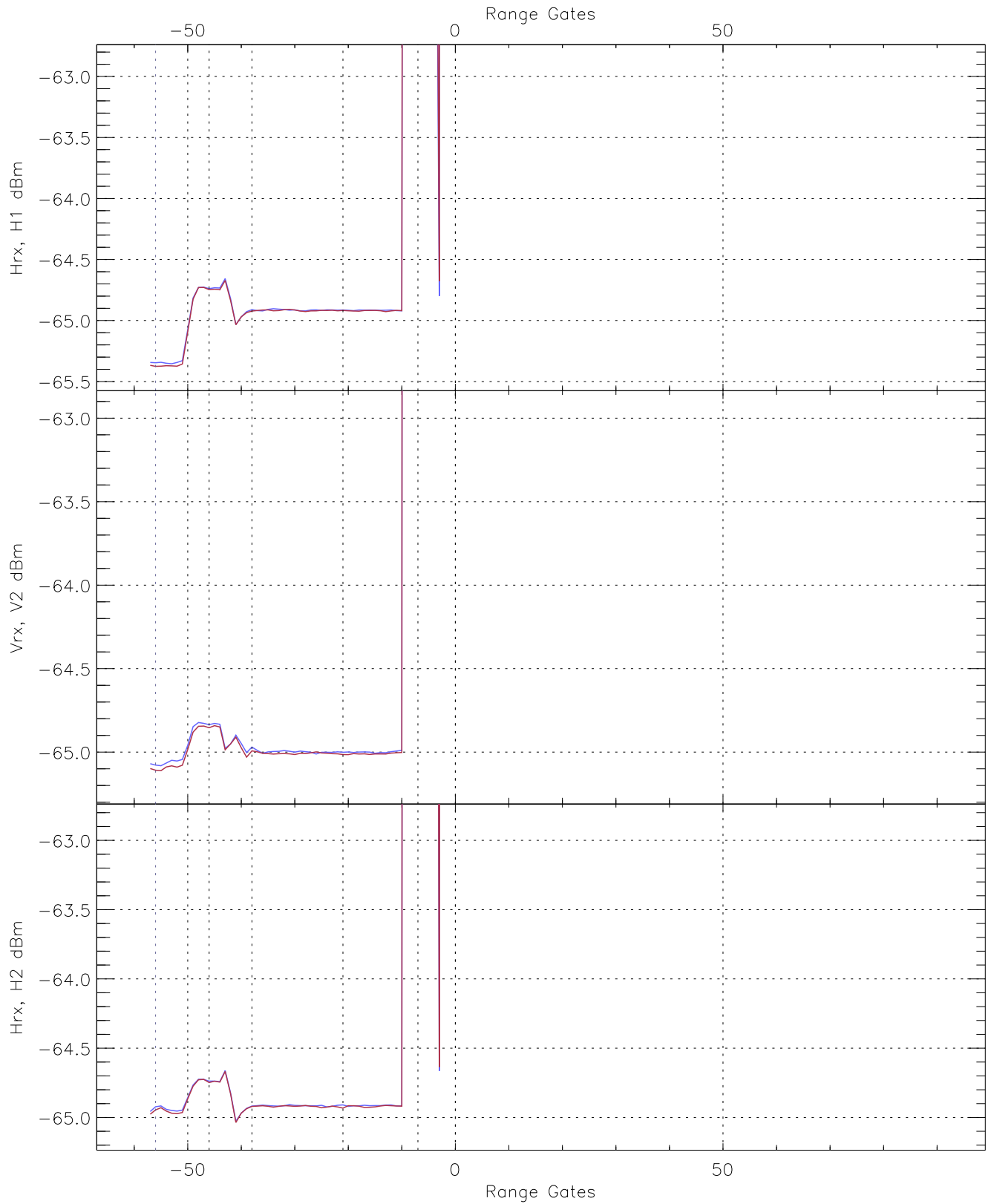


WCR3 CPP "Best" estimate Receivers Noise Power

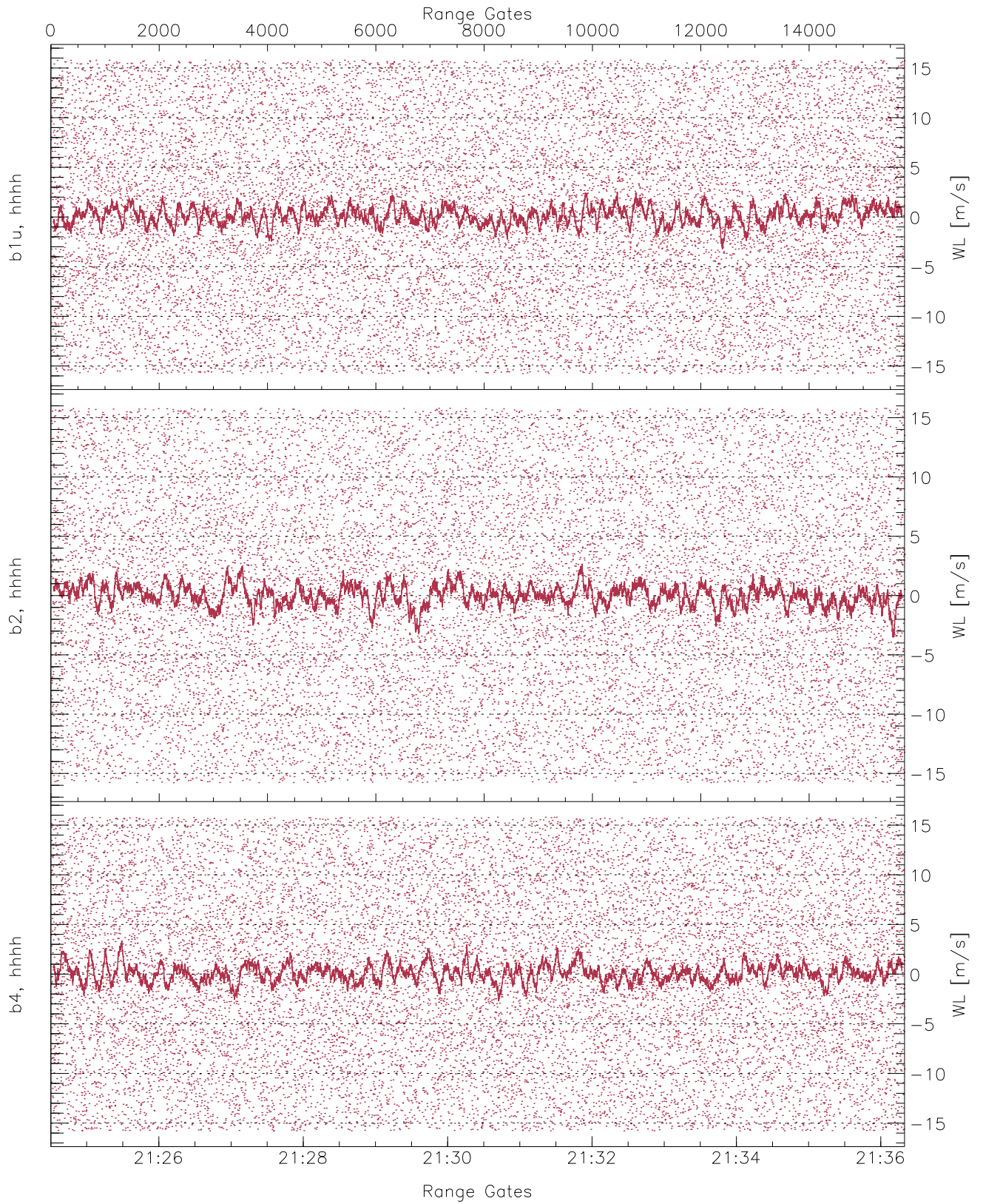
	Min	Max	Mean	Median	StDev
H1RG239_0 [dBm]	-66.57	-64.31	-65.36	-65.37	-76.78
V2RG406_0 [dBm]	-66.22	-64.01	-65.09	-65.10	-76.59
H2RM_0 [dBm]	-66.31	-63.84	-64.97	-64.98	-76.45



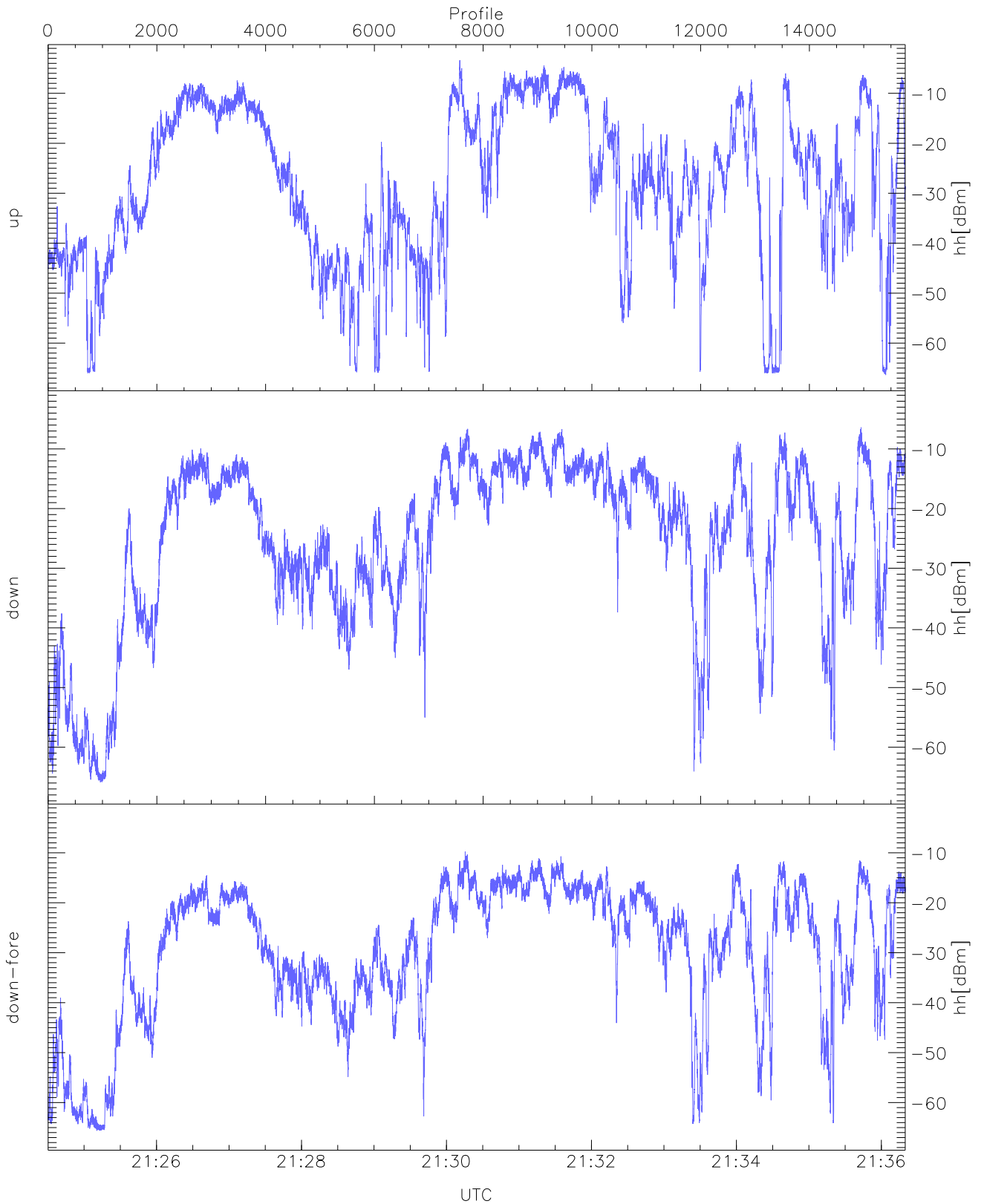
WCR3 CPP Averaged Received power for all recorded gates
blue: 212430-213025, 7883 profiles averaged
red: 213025-213620, 7882 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 212430-213025, 7883 profiles averaged
red: 213025-213620, 7882 profiles averaged

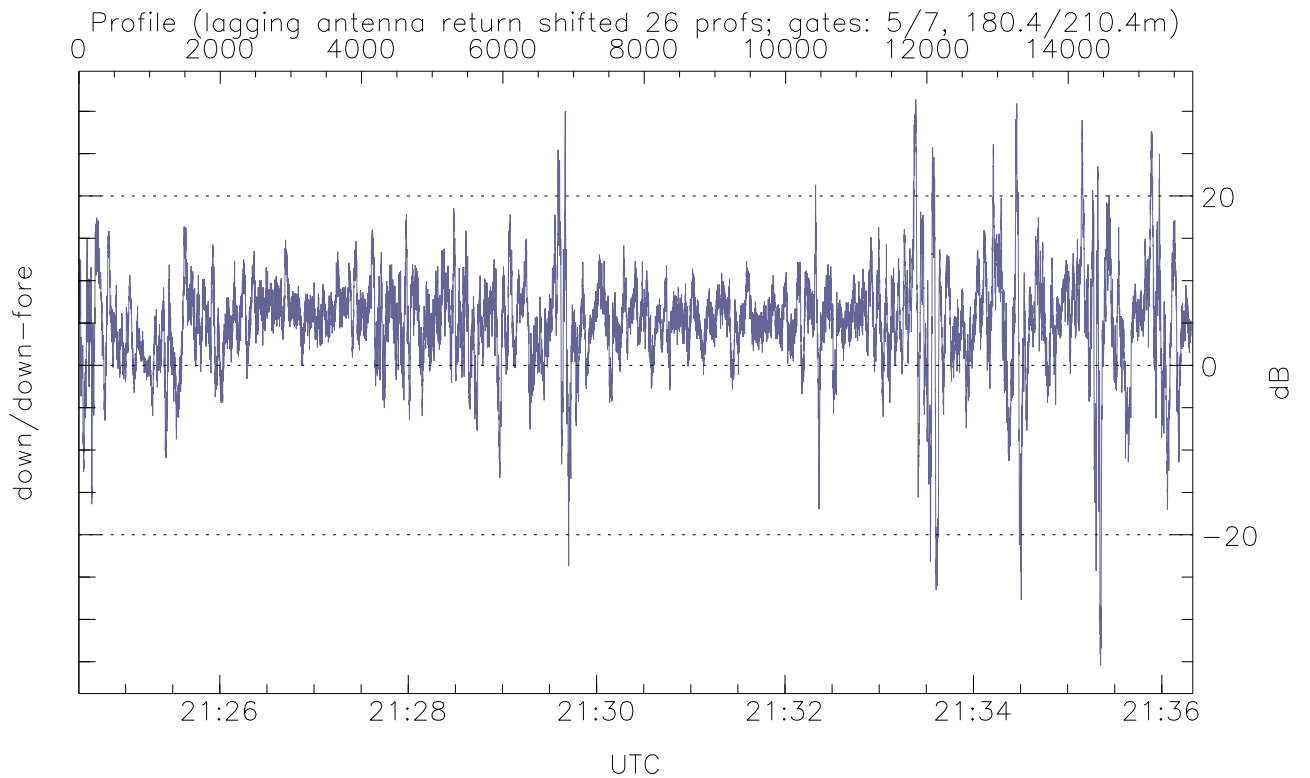
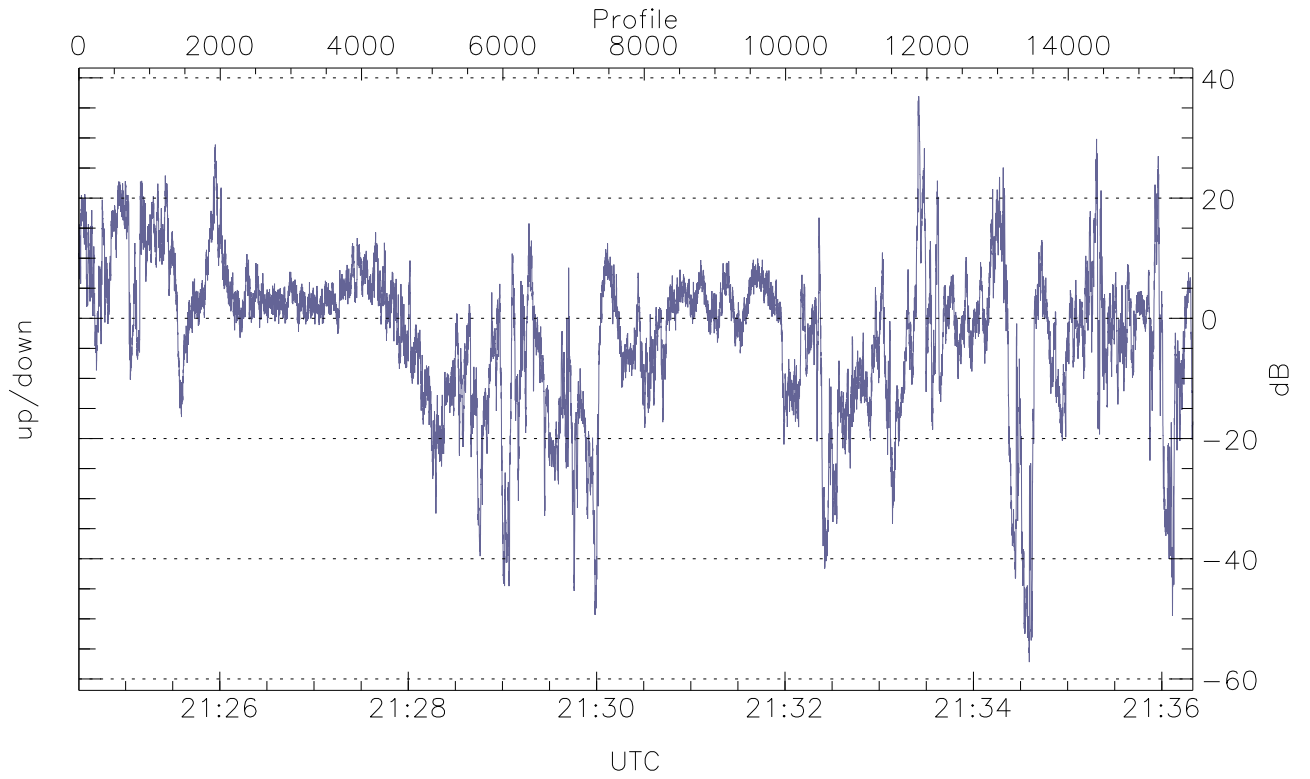


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



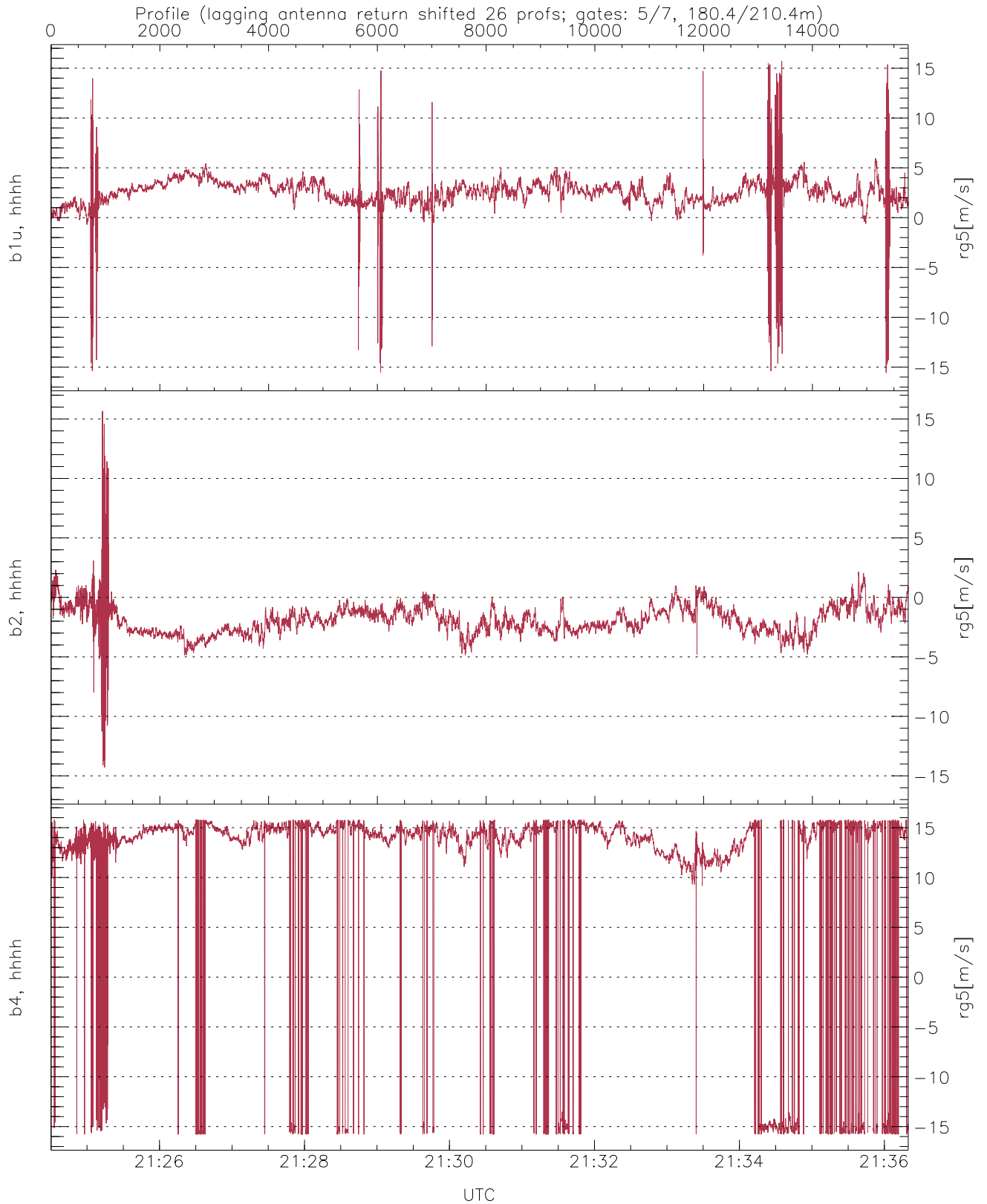
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.38	-3.39	-15.14
down(hh[dBm])	-65.89	-6.39	-16.29
down-fore(hh[dBm])	-65.62	-9.76	-20.46



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

	Min	Max	Mean
up/down (dB)	-57.19	36.93	-2.81
down/down-fore (dB)	-35.41	31.39	5.03



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.57	15.71	2.49	1.67
b2, hhhh(rg5[m/s])	-14.30	15.67	-1.90	1.31
b4, hhhh(rg5[m/s])	-15.79	15.79	10.34	9.94