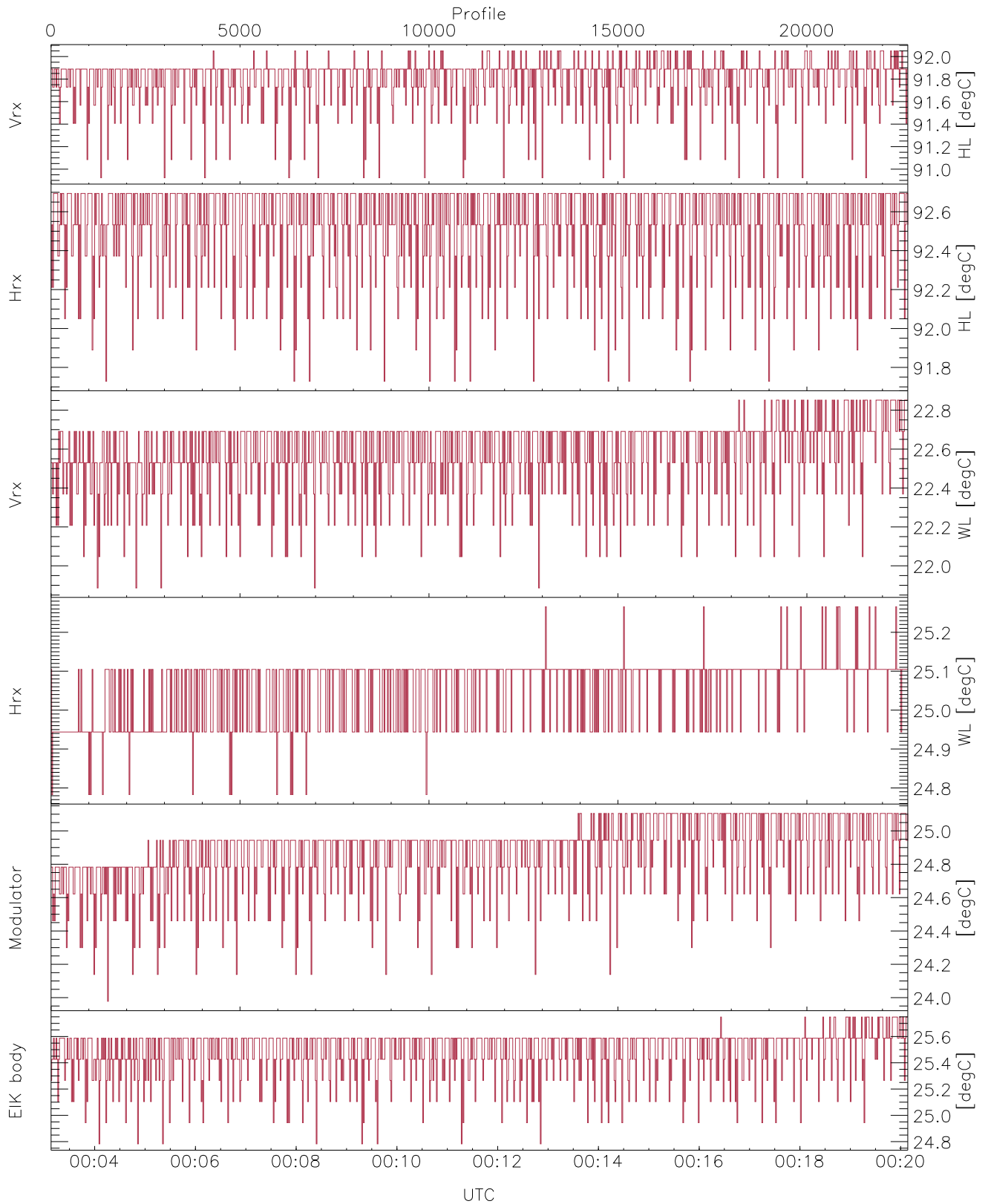


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

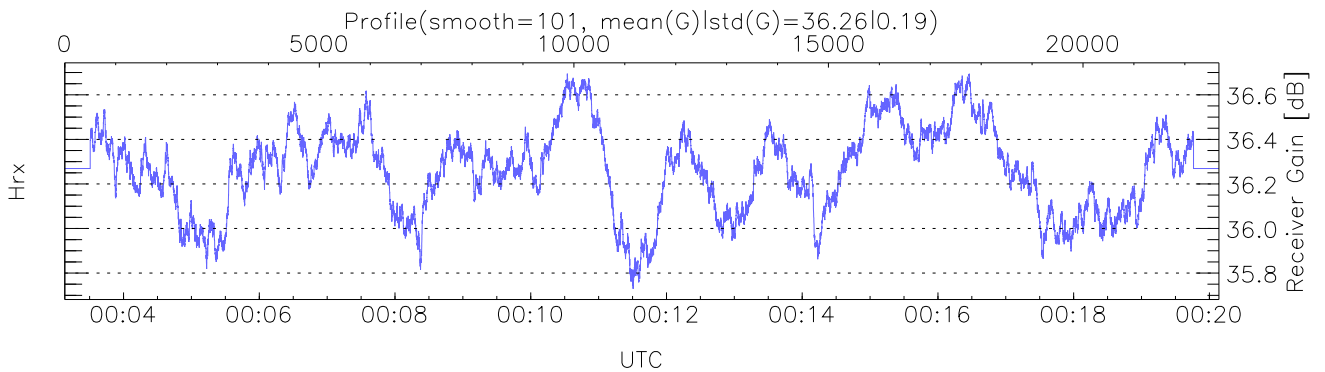
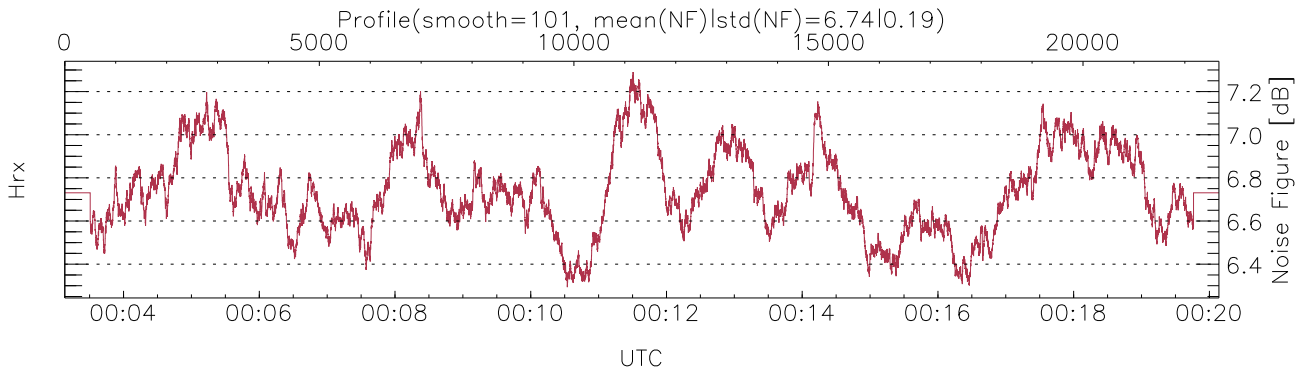
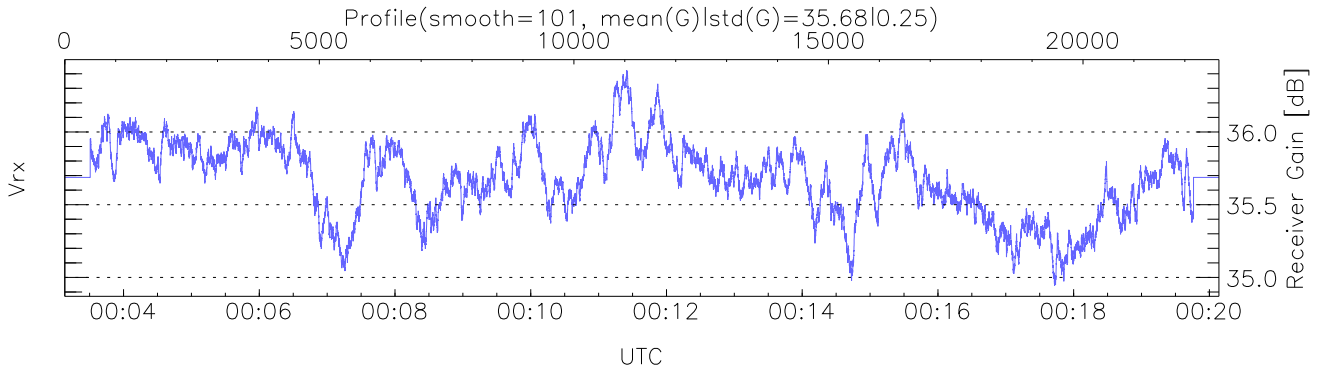
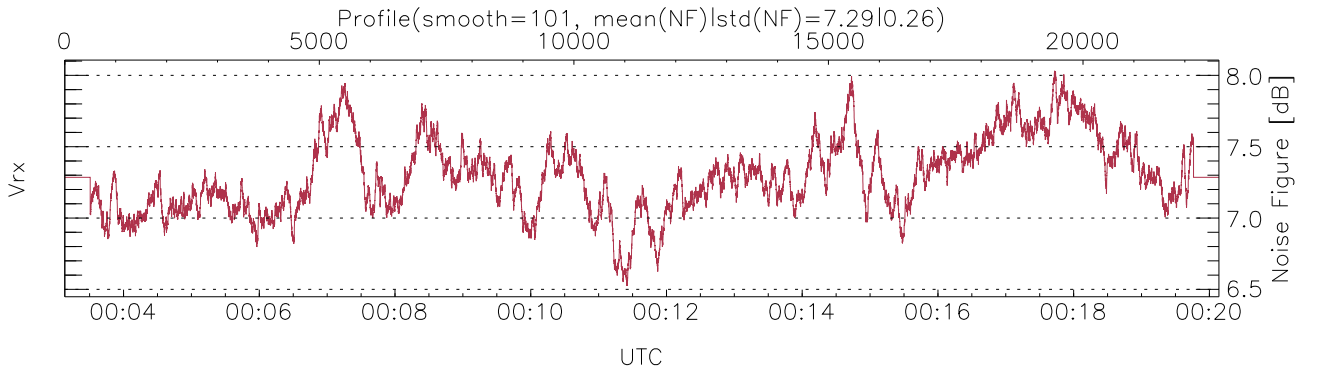
UTC: 00:03:08-00:20:08, TimeCor: 0.00s, Dur: 1020.45s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
 NumRec(r/t): 22672/22672, 0-22671/00:03:08-00:20:08
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
 Pulse: 250ns, IFF: 4.0MHz, 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 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

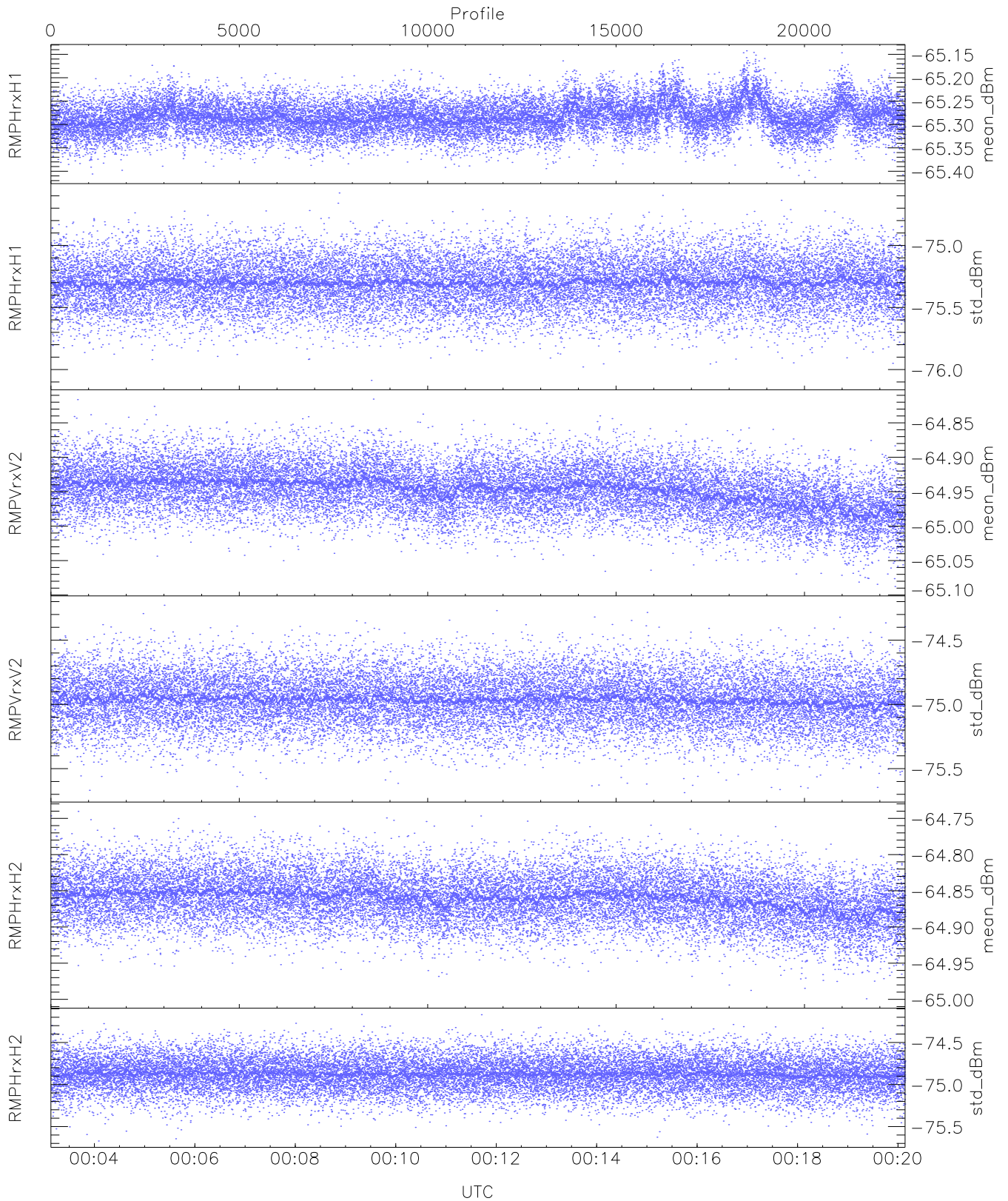
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,24,23,24`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,92,22,25,25,25`
`LOalarm(20,240,2817,14861 MHz): None`

`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)`



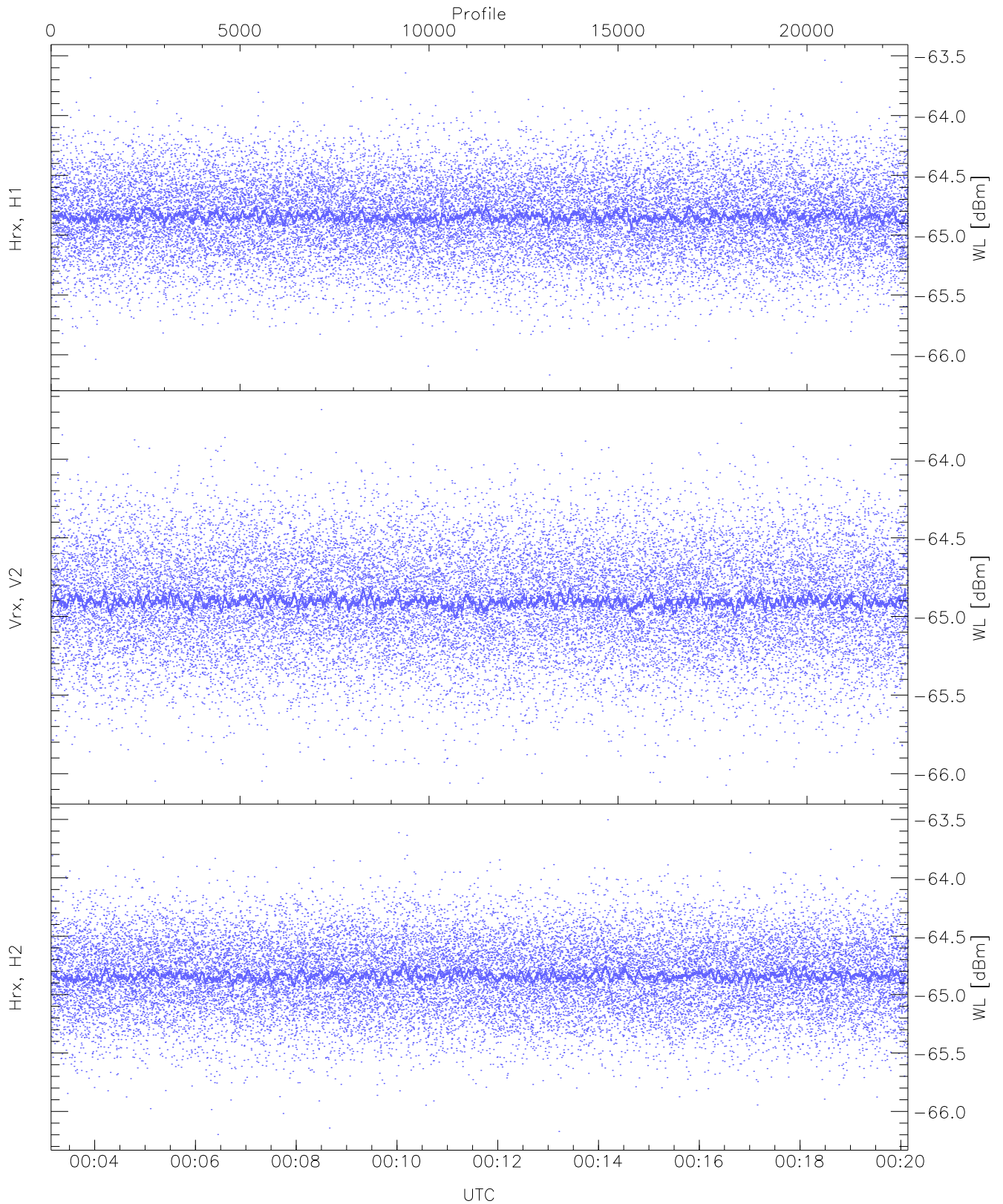
WCR3 CPP Receivers Gain and Noise Figure

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



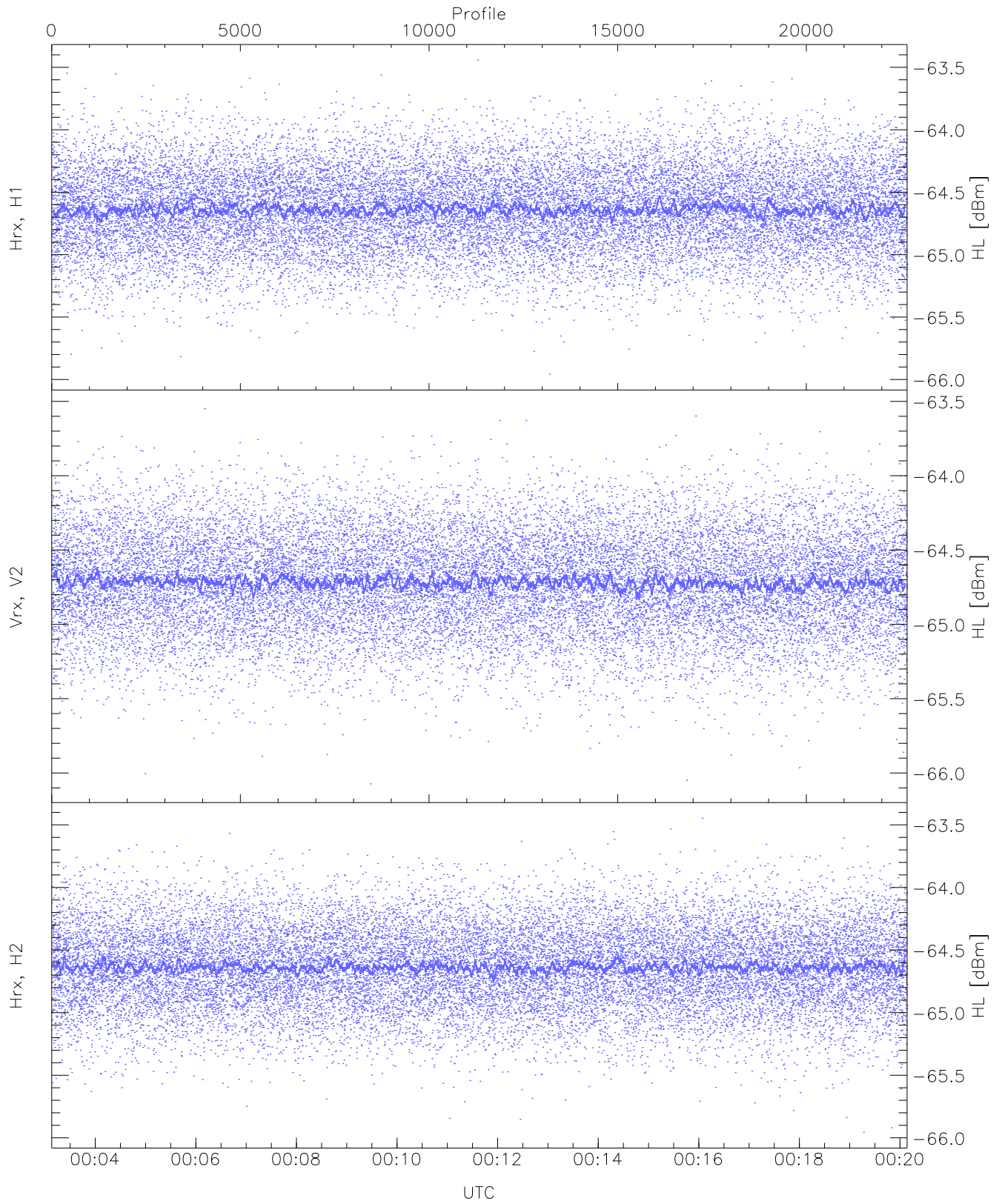
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.41	-65.14	-65.28	-65.28	-86.42
RMPHrxH1(std_dBm)	-76.09	-74.58	-75.30	-75.30	-89.09
RMPVrxV2(mean_dBm)	-65.09	-64.82	-64.95	-64.95	-86.10
RMPVrxV2(std_dBm)	-75.69	-74.23	-74.96	-74.96	-88.75
RMPHrxH2(mean_dBm)	-65.00	-64.74	-64.86	-64.86	-86.24
RMPHrxH2(std_dBm)	-75.67	-74.17	-74.87	-74.88	-88.64



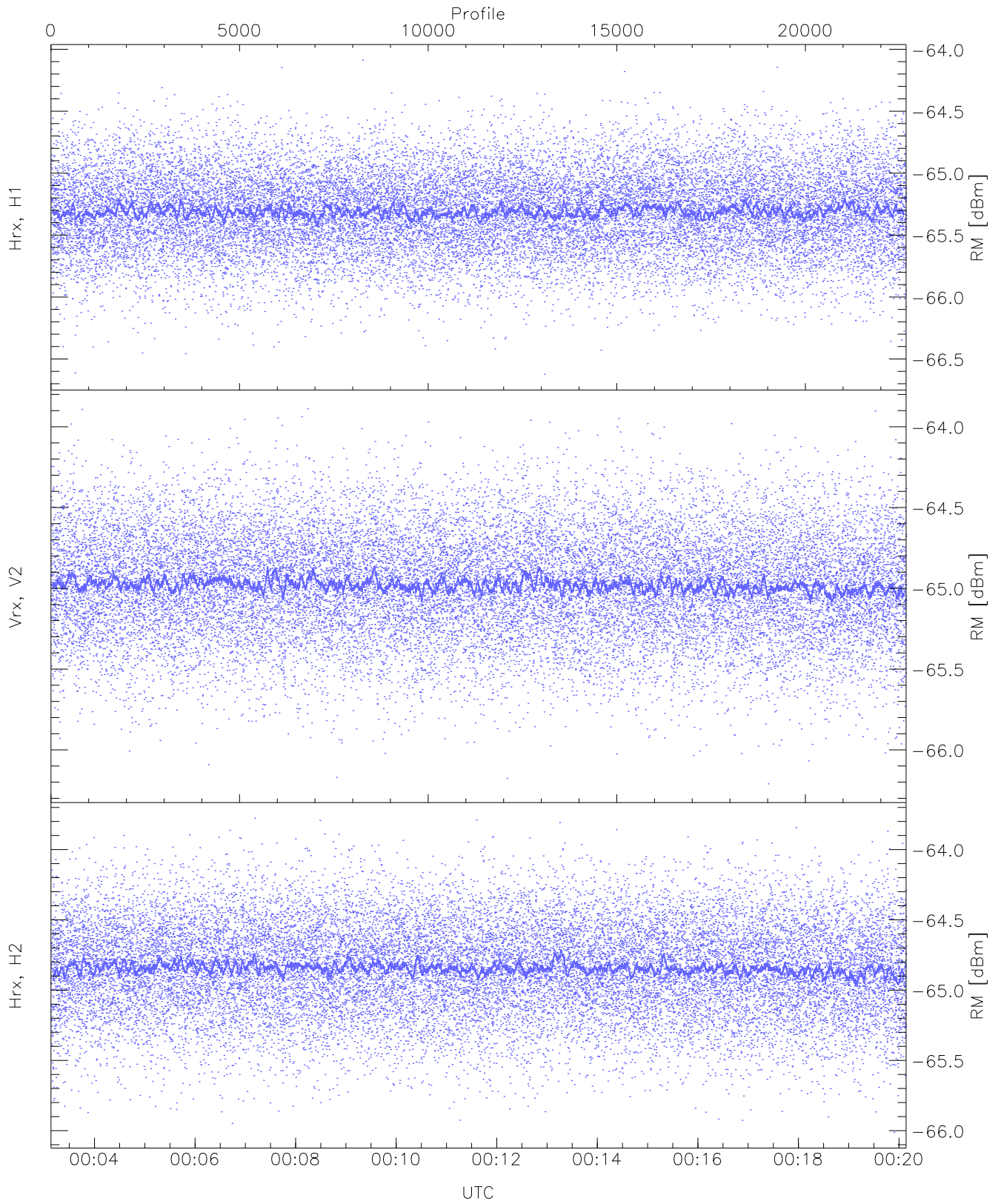
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.17	-63.54	-64.84	-64.84	-76.35
Vrx, V2(WL [dBm])	-66.07	-63.68	-64.90	-64.90	-76.40
Hrx, H2(WL [dBm])	-66.20	-63.50	-64.83	-64.84	-76.38



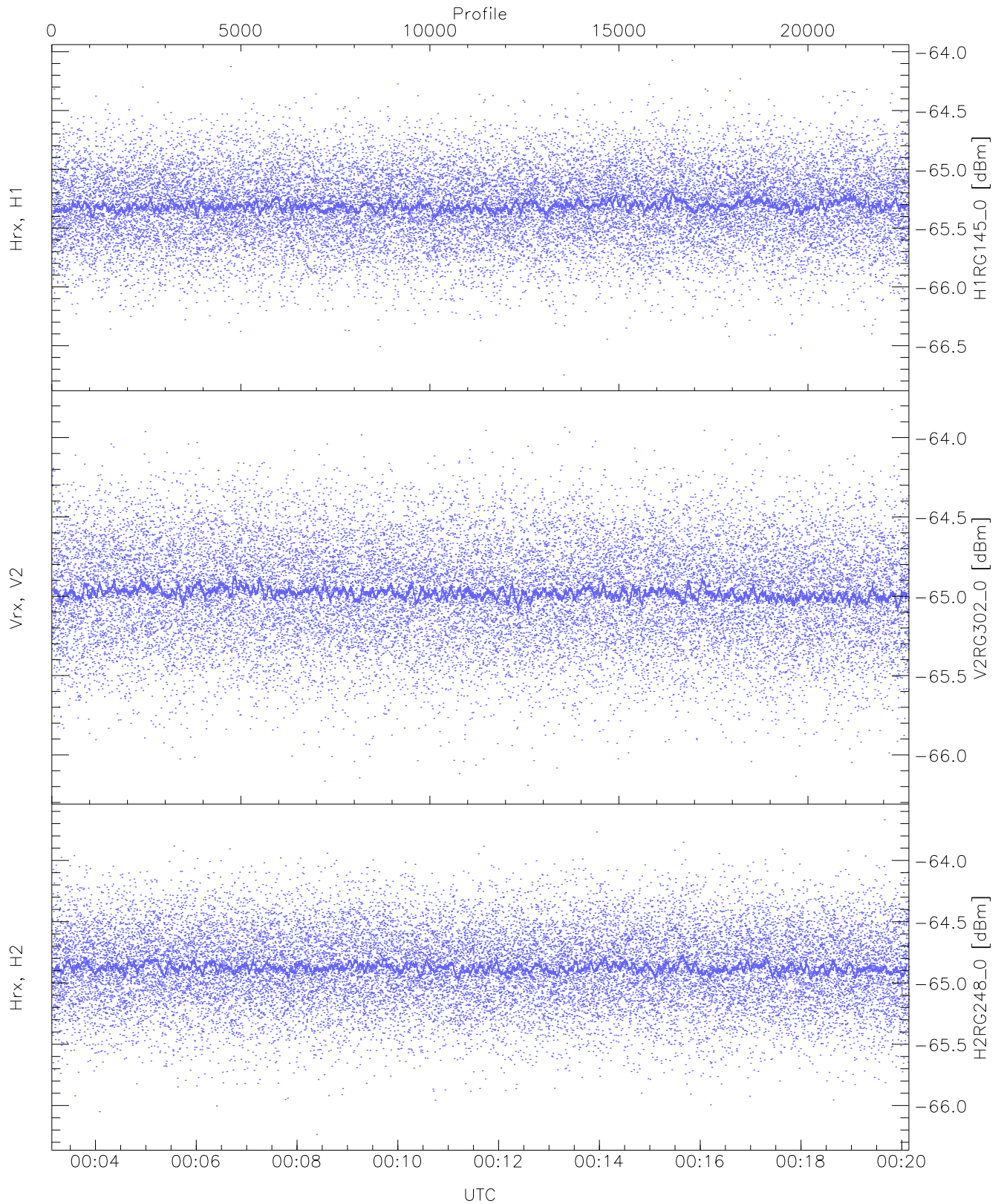
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.96	-63.44	-64.63	-64.64	-76.11
Vrx, V2 (HL [dBm])	-66.07	-63.55	-64.71	-64.72	-76.21
Hrx, H2 (HL [dBm])	-65.96	-63.45	-64.63	-64.64	-76.17



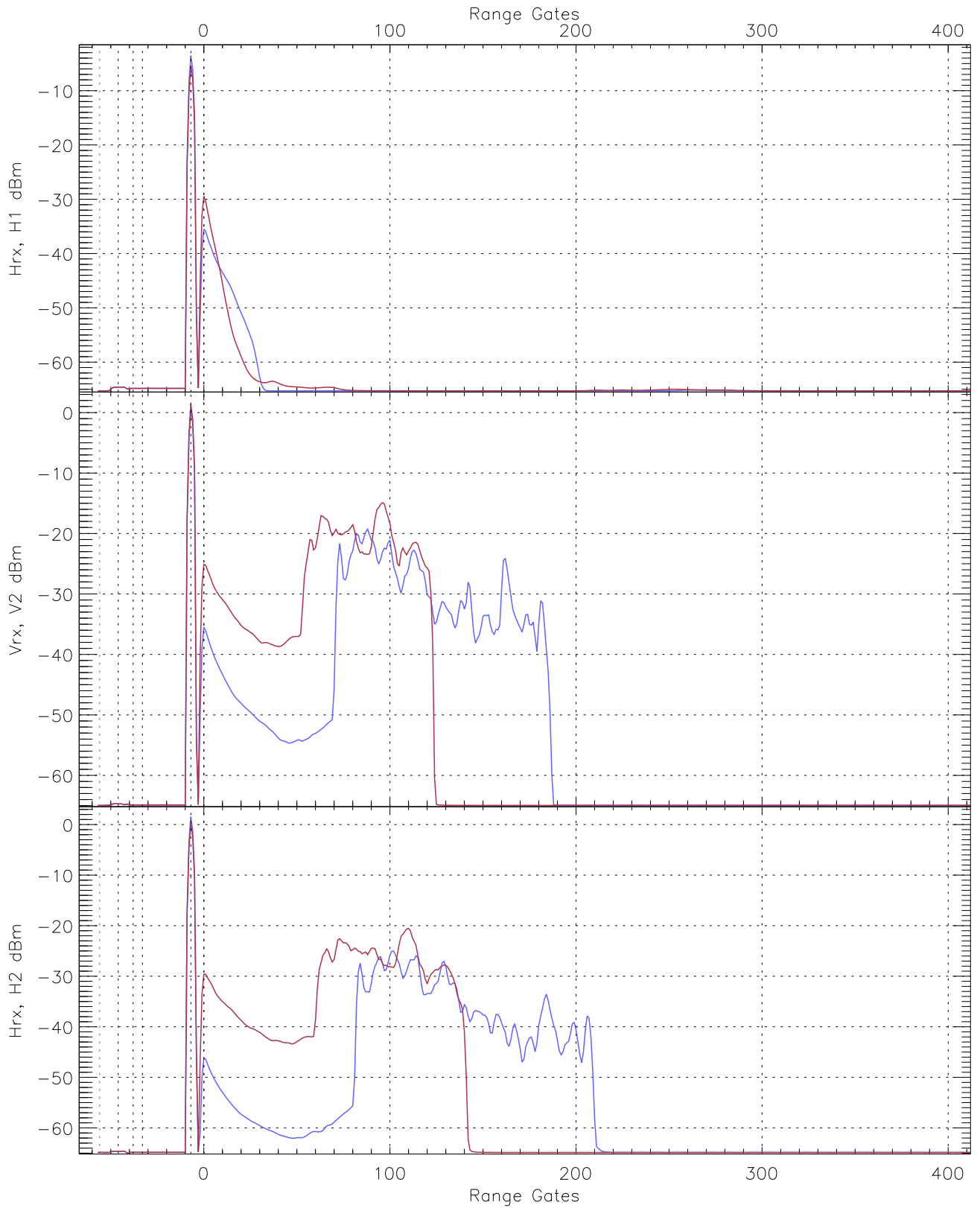
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.62	-64.09	-65.30	-65.31	-76.82
Vrx, V2 (RM [dBm])	-66.21	-63.89	-64.97	-64.98	-76.48
Hrx, H2 (RM [dBm])	-66.01	-63.78	-64.84	-64.84	-76.31

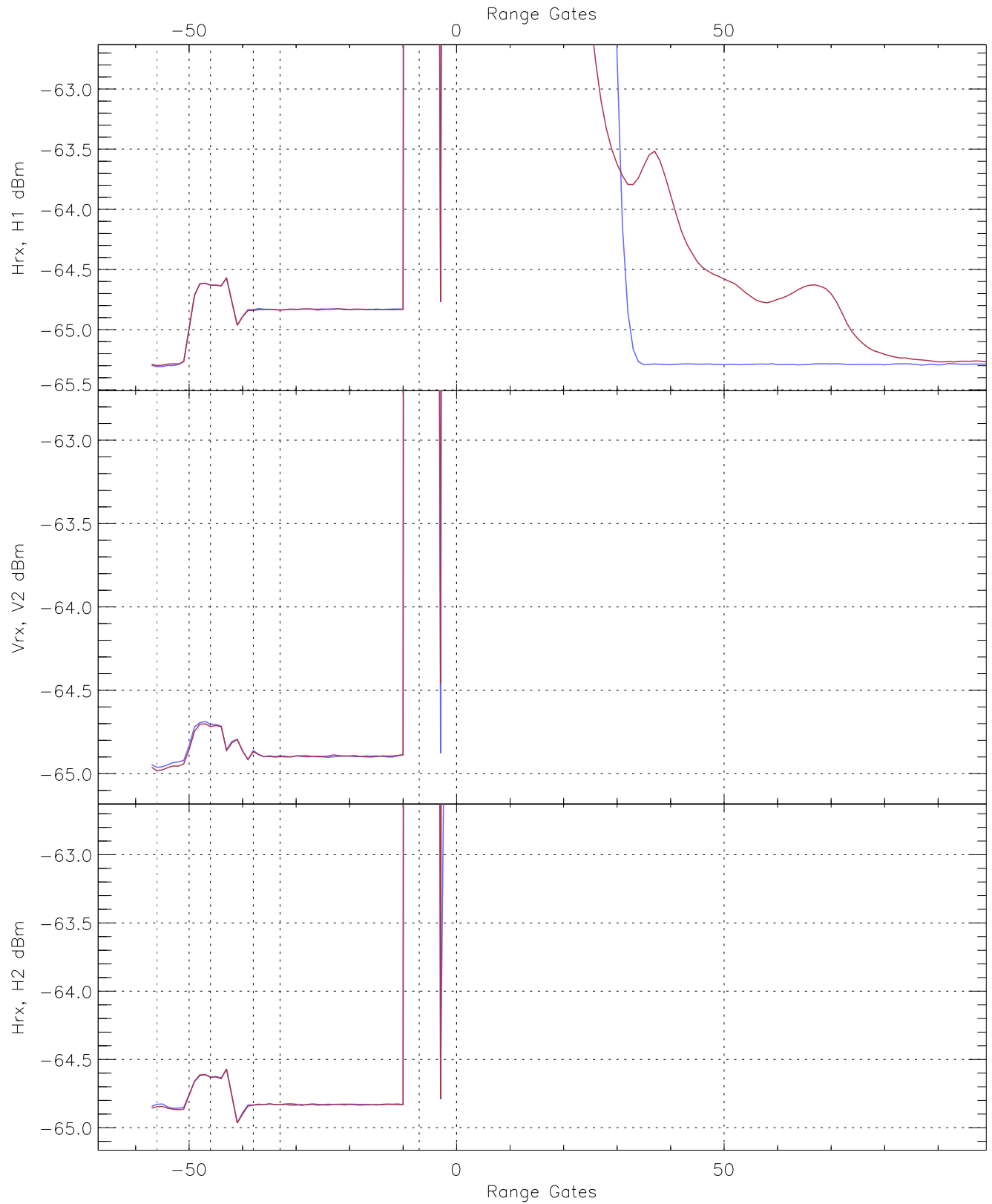


WCR3 CPP "Best" estimate Receivers Noise Power

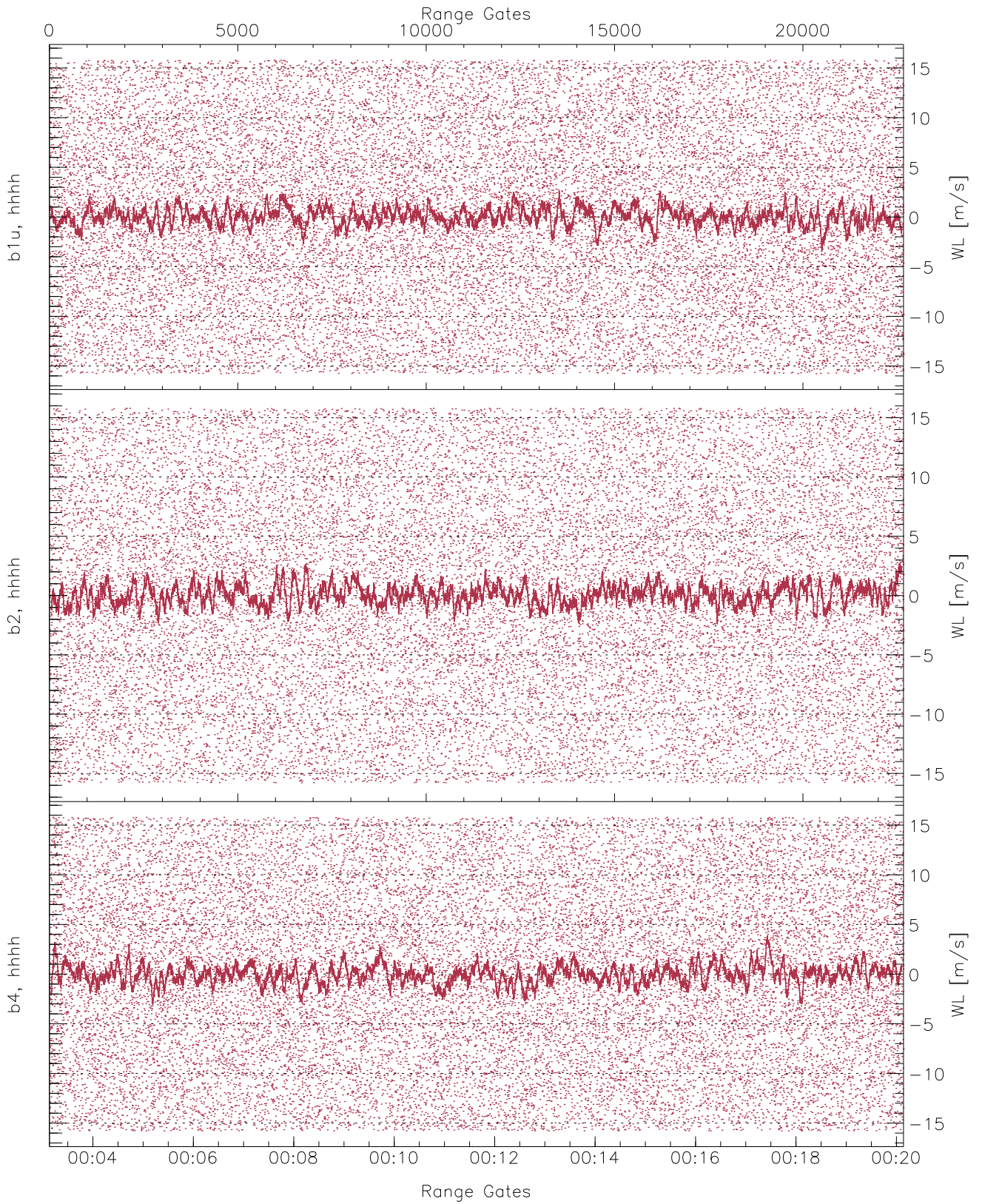
	Min	Max	Mean	Median	StDev
H1RG145_0 [dBm]	-66.75	-64.07	-65.30	-65.31	-76.80
V2RG302_0 [dBm]	-66.19	-63.82	-64.97	-64.98	-76.48
H2RG248_0 [dBm]	-66.24	-63.67	-64.87	-64.88	-76.39



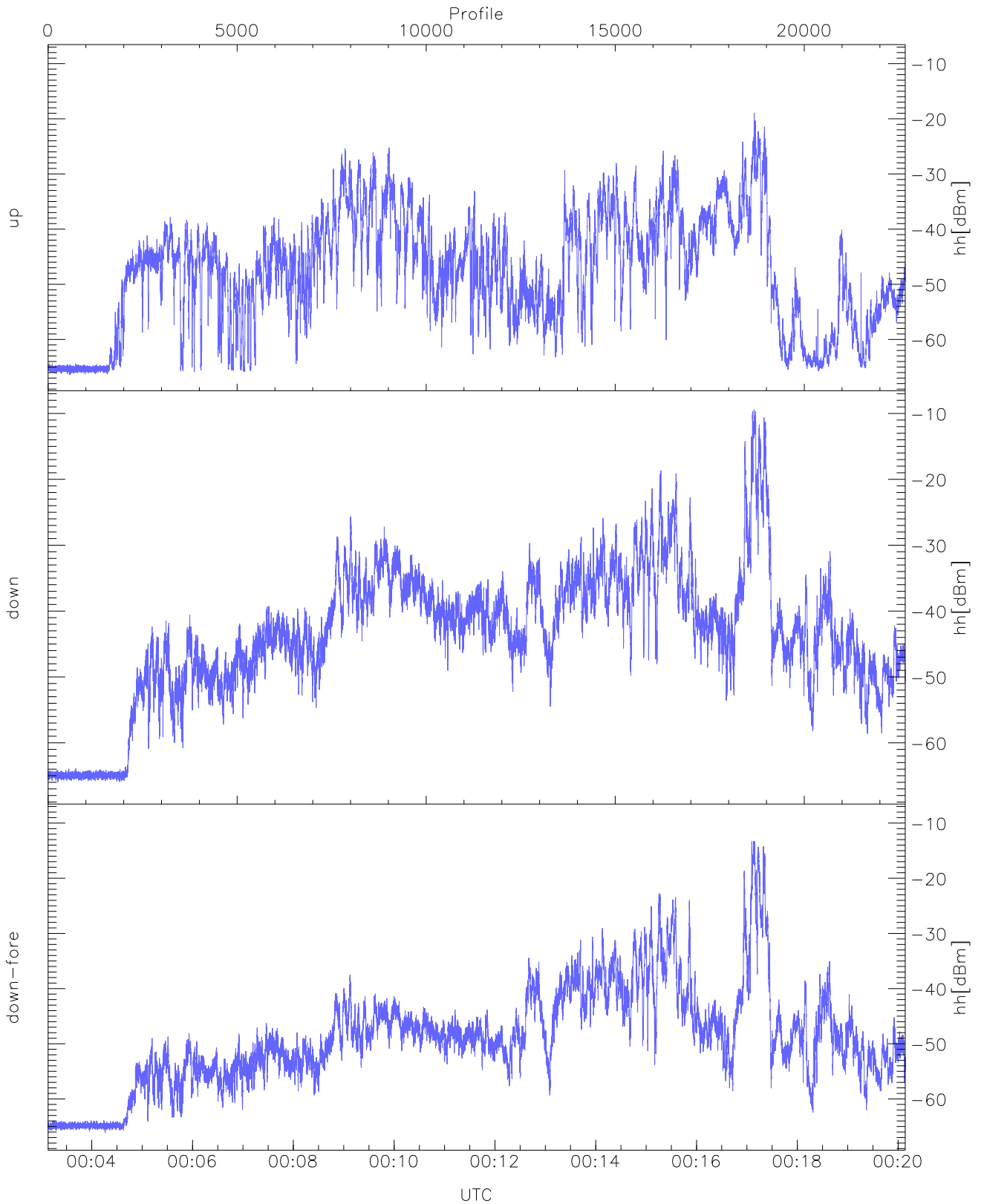
WCR3 CPP Averaged Received power for all recorded gates
blue: 000308-001138, 11337 profiles averaged
red: 001138-002008, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 000308-001138, 11337 profiles averaged
red: 001138-002008, 11336 profiles averaged

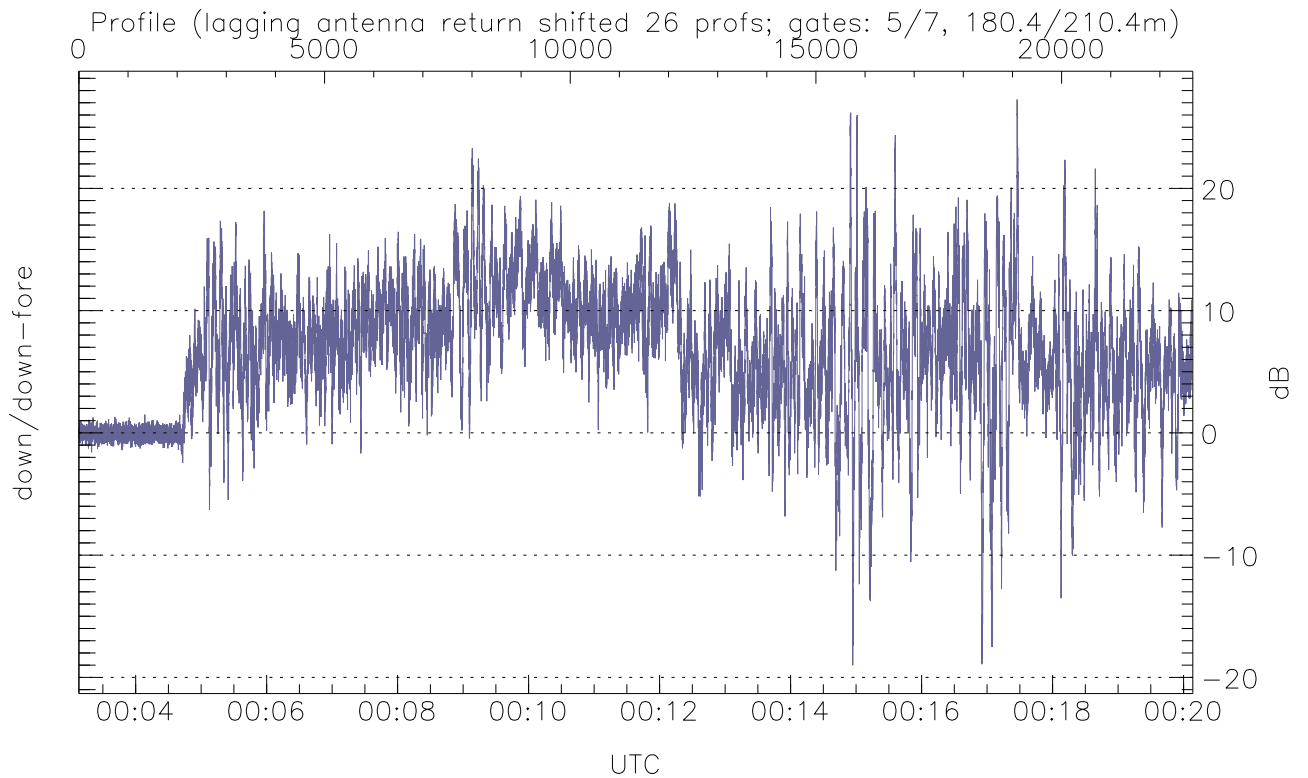
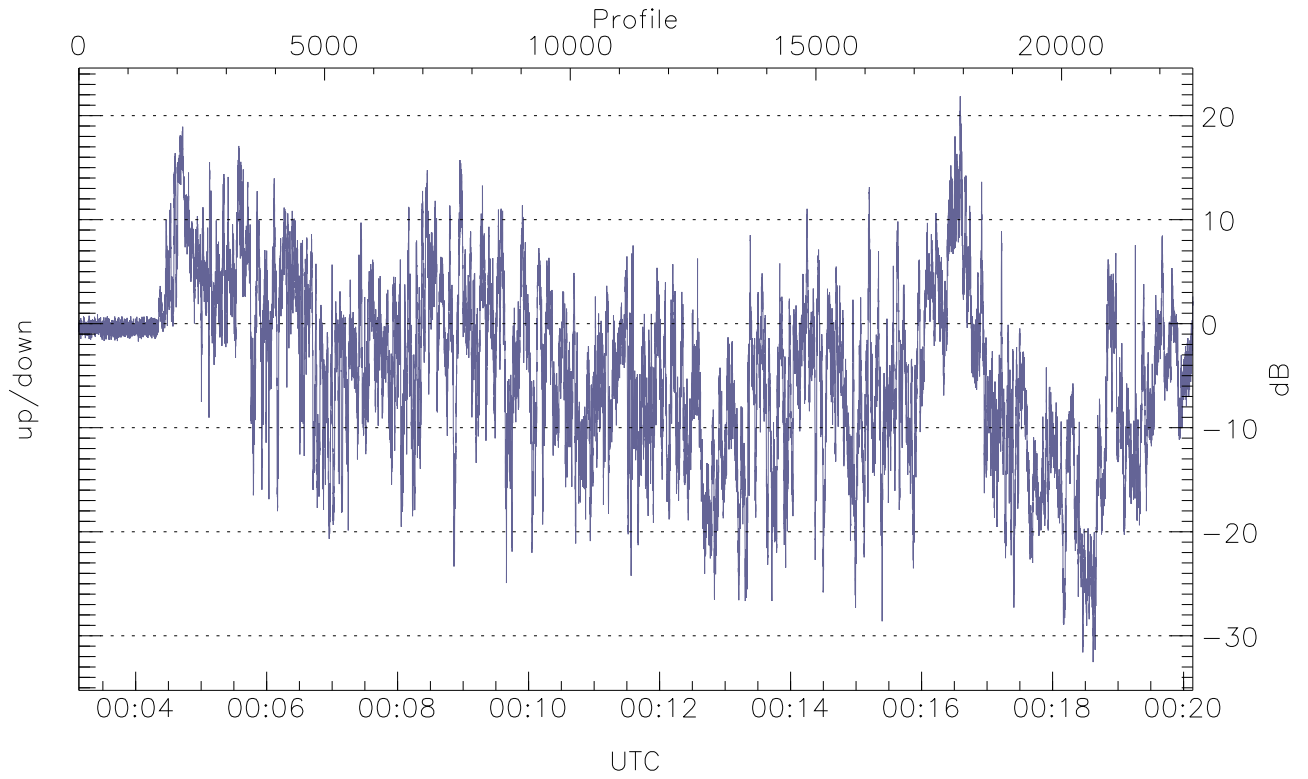


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



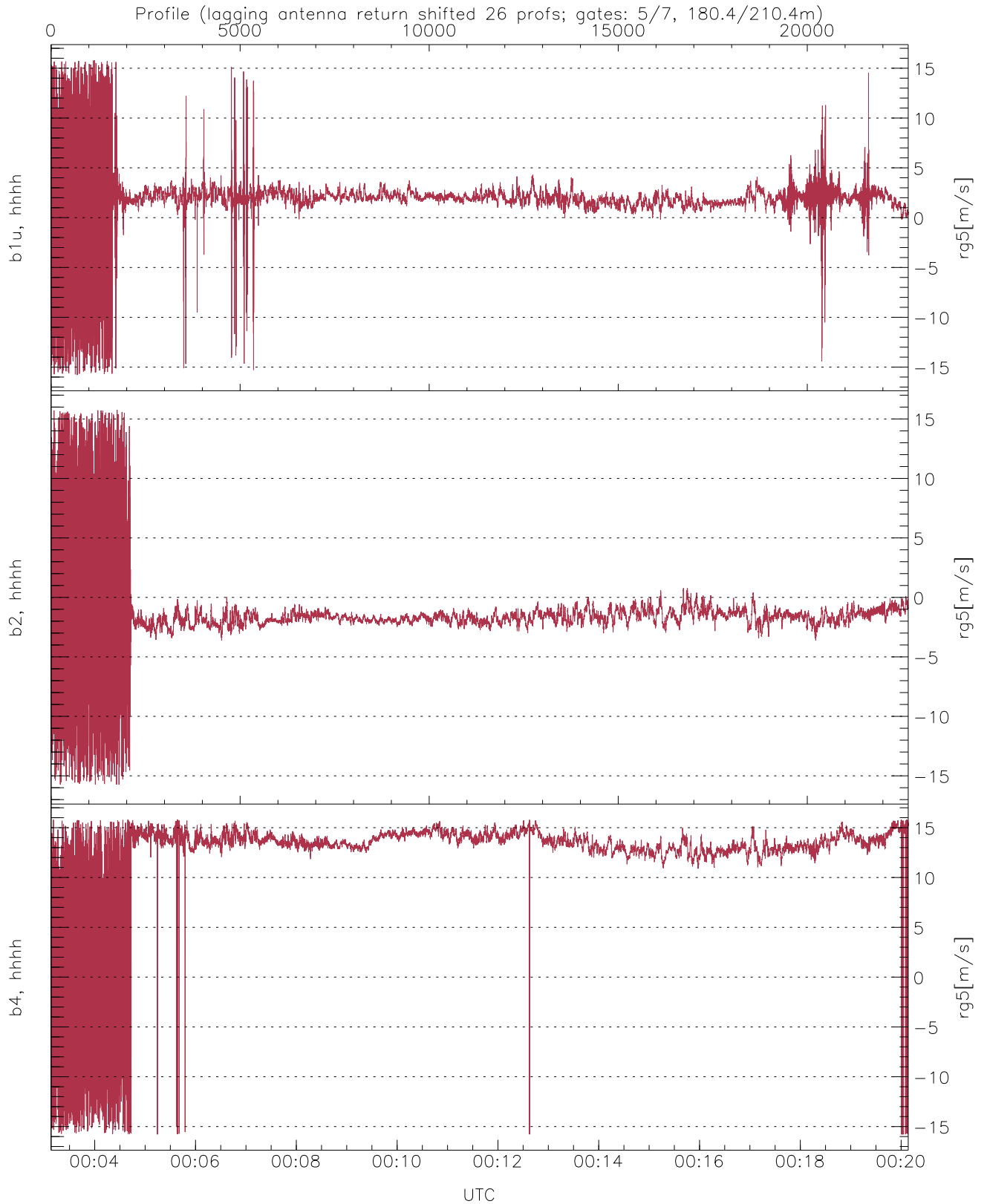
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.44	-18.93	-38.39
down(hh[dBm])	-65.94	-9.40	-31.22
down-fore(hh[dBm])	-66.14	-13.29	-35.20



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

	Min	Max	Mean
up/down (dB)	-32.53	21.86	-4.38
down/down-fore (dB)	-19.01	27.27	6.65



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.79	1.82	2.60
b2, hhhh(rg5[m/s])	-15.74	15.76	-1.50	2.61
b4, hhhh(rg5[m/s])	-15.79	15.79	12.28	5.09