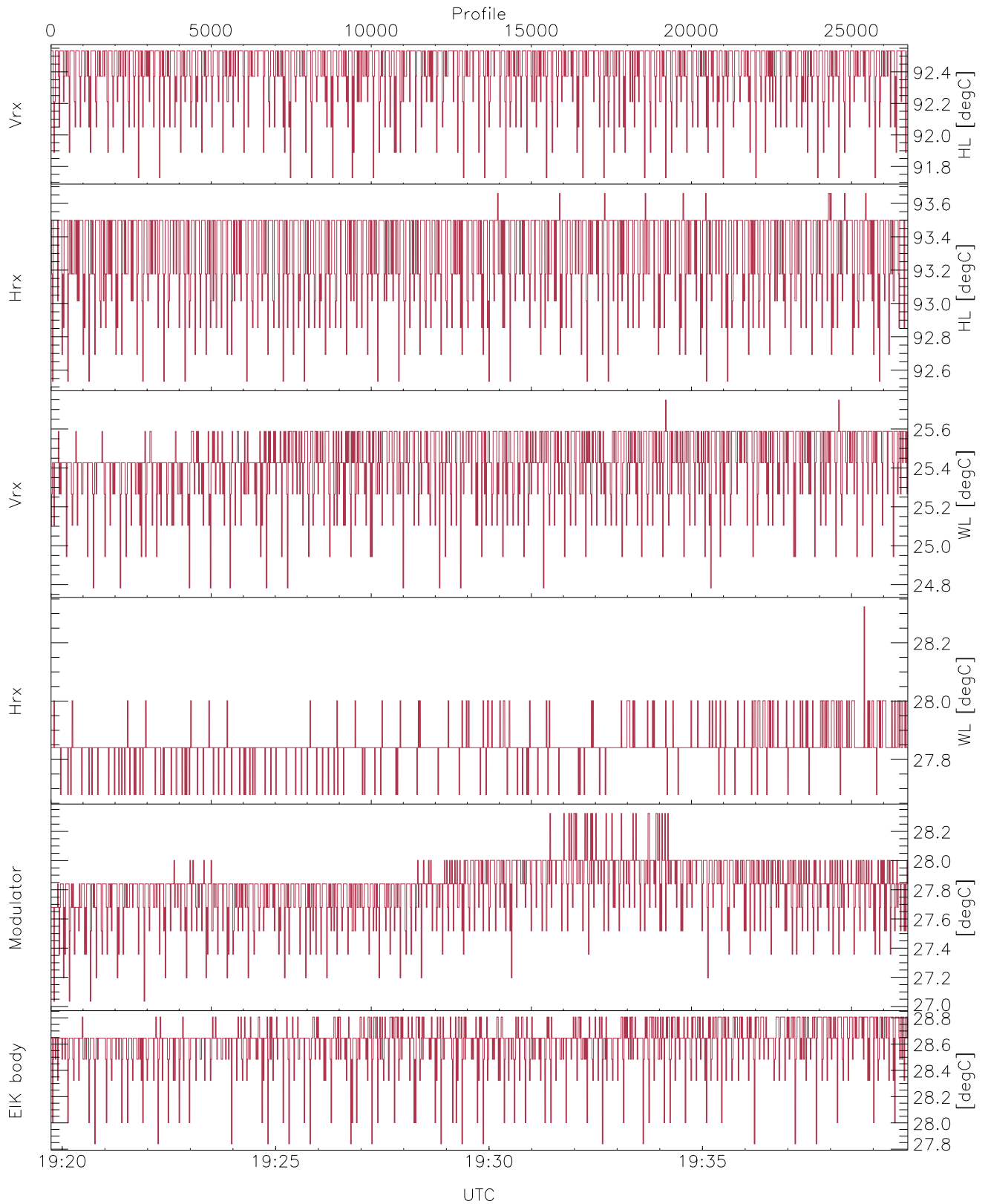


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

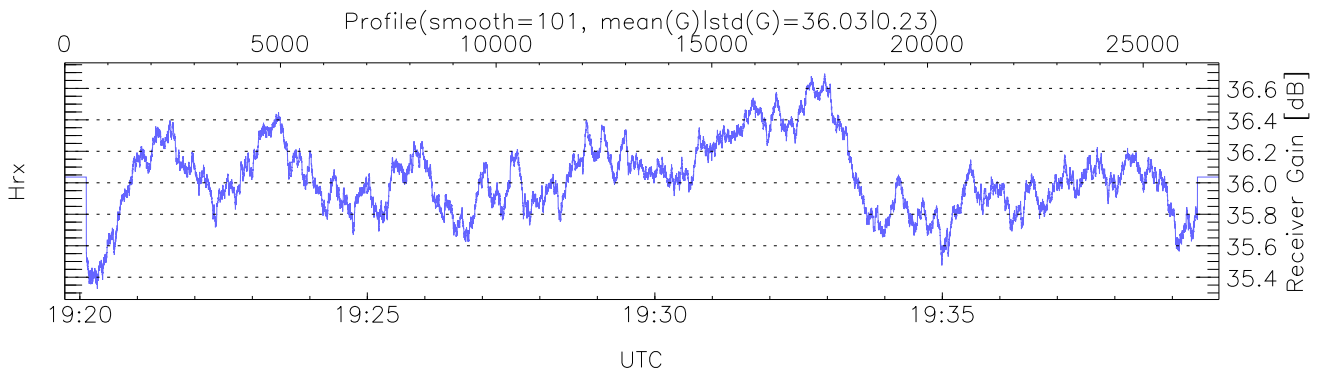
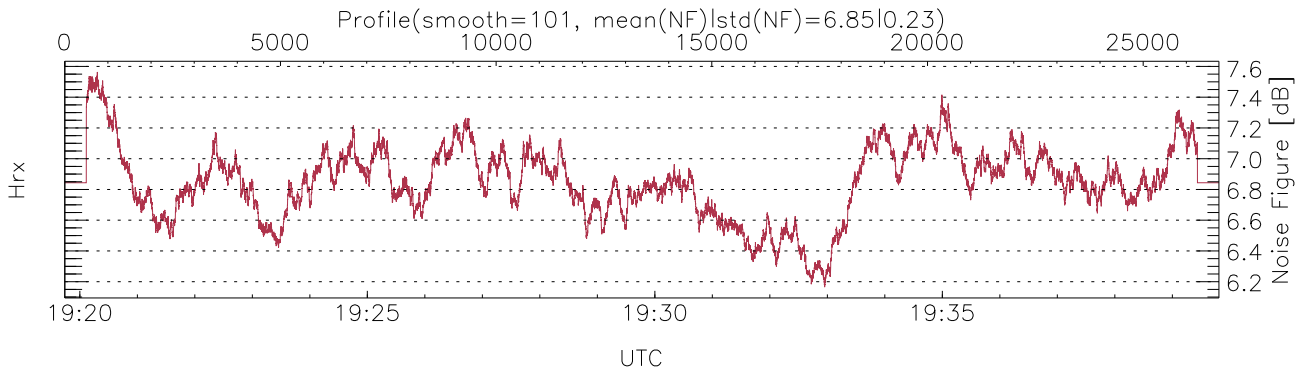
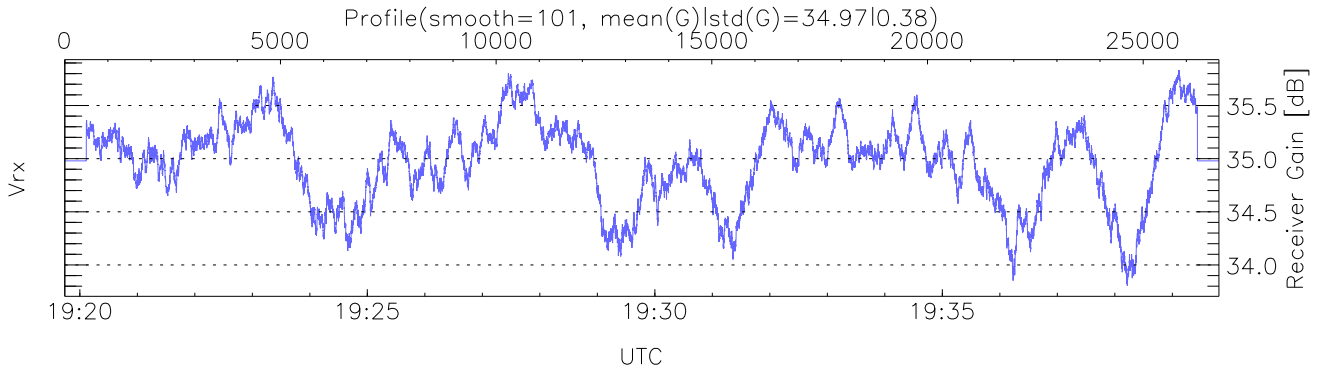
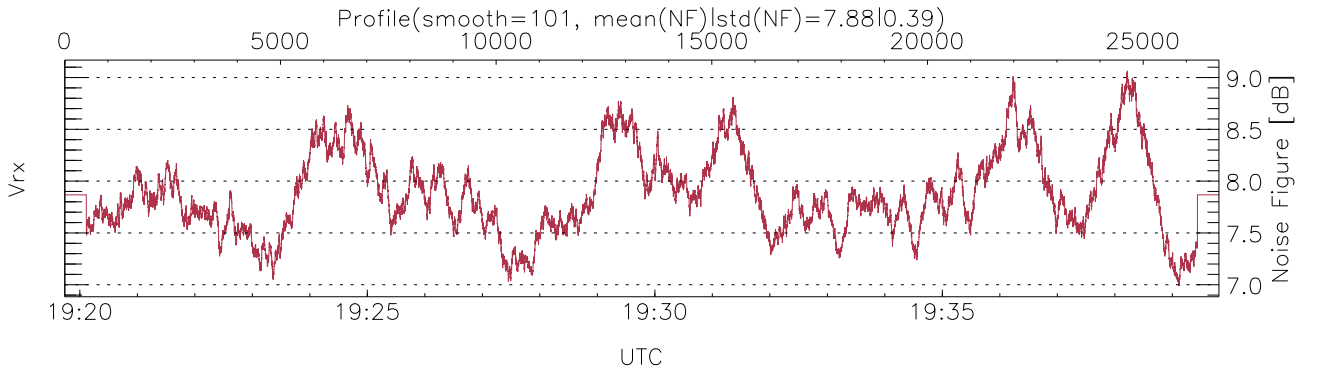
UTC: 19:19:44-19:39:49, TimeCor: 0.00s, Dur: 1204.37s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
 NumRec(r/t): 26758/26758, 0-26757/19:19:44-19:39:49
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
 Pulse: 250ns, IFF: 4.0MHz, 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

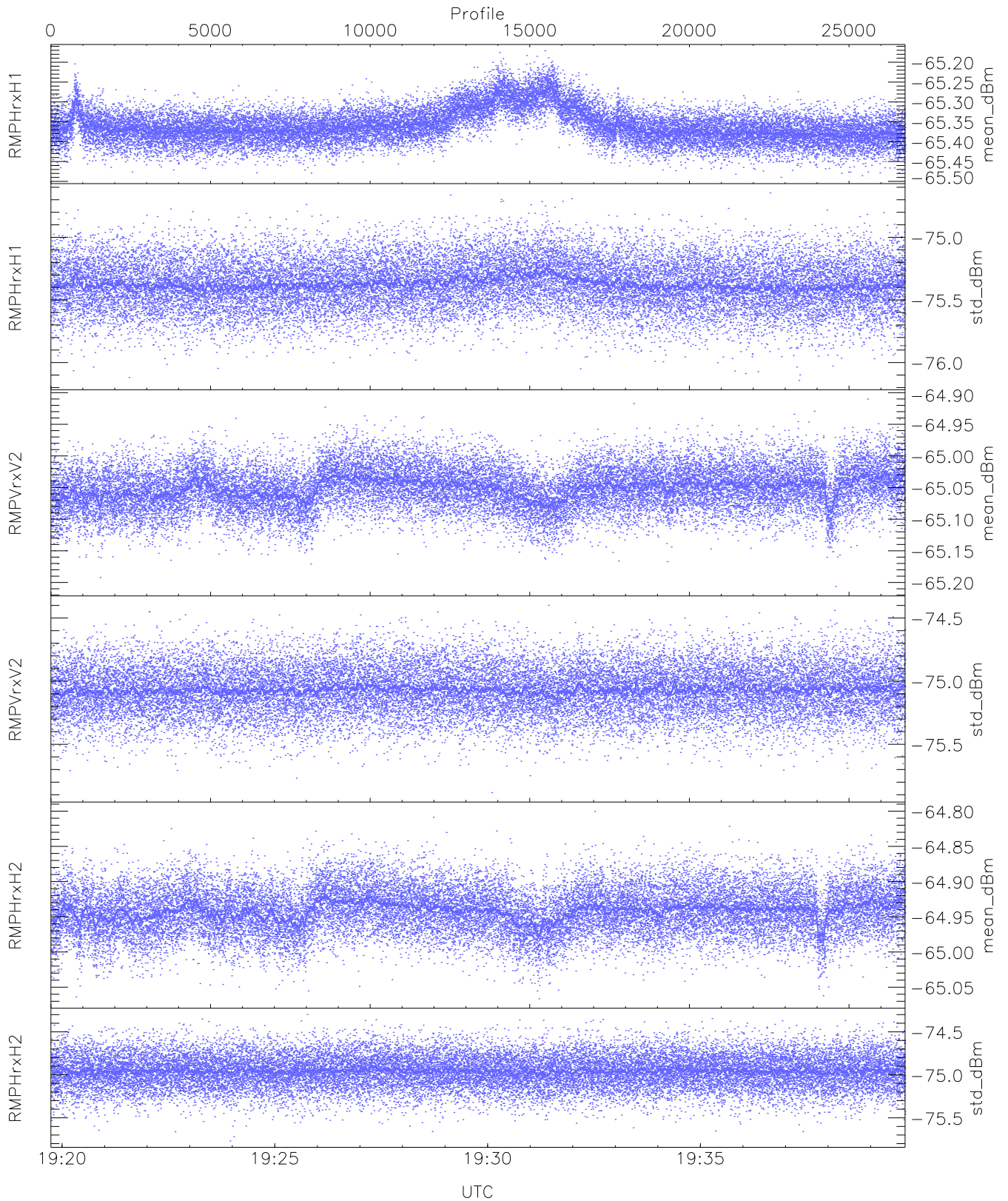
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,27,27,27`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,28,28,28`
`LOalarm(20,240,2817,14861 MHz): None`

`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (24,24,24,24,24,24)`



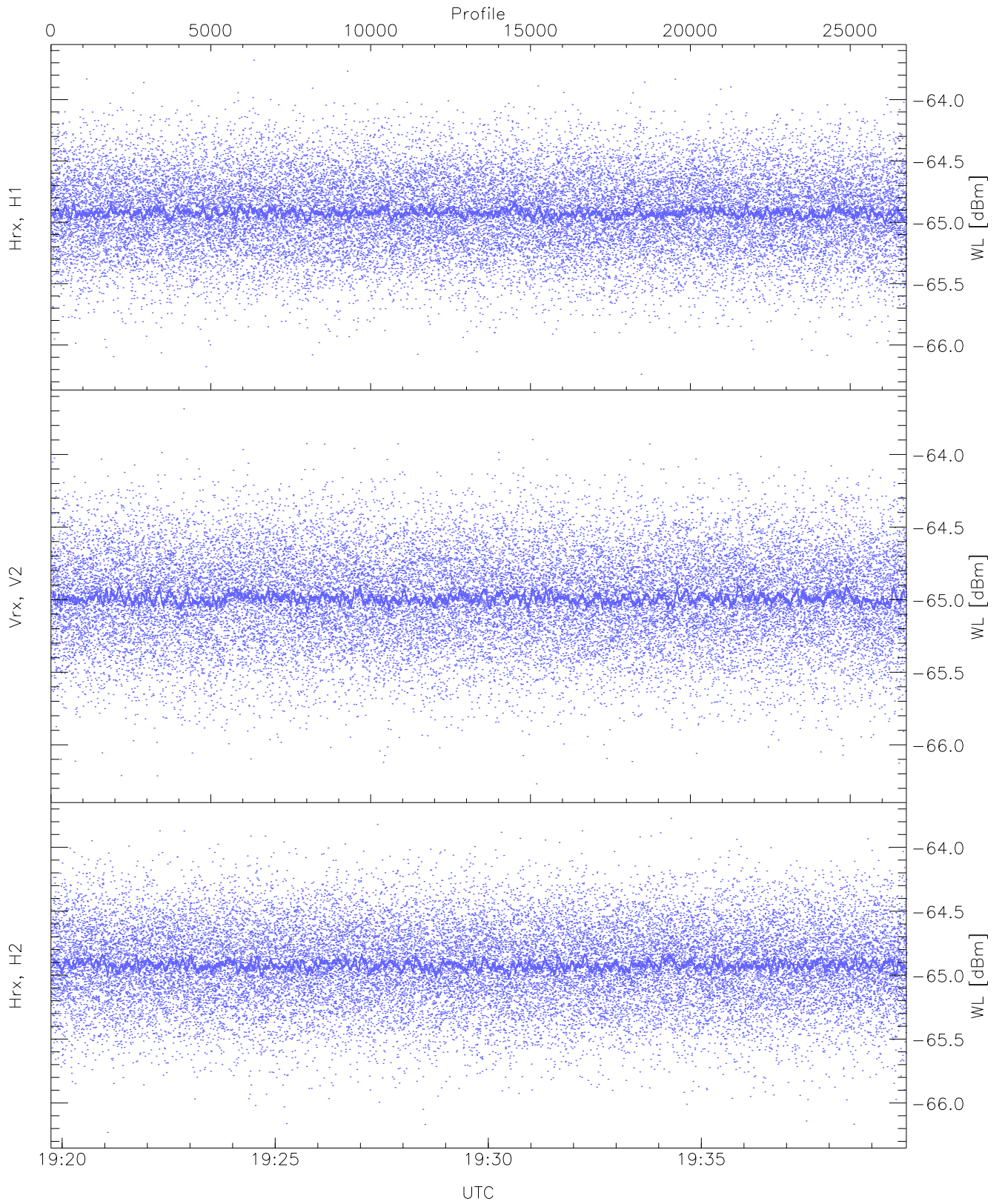
WCR3 CPP Receivers Gain and Noise Figure

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



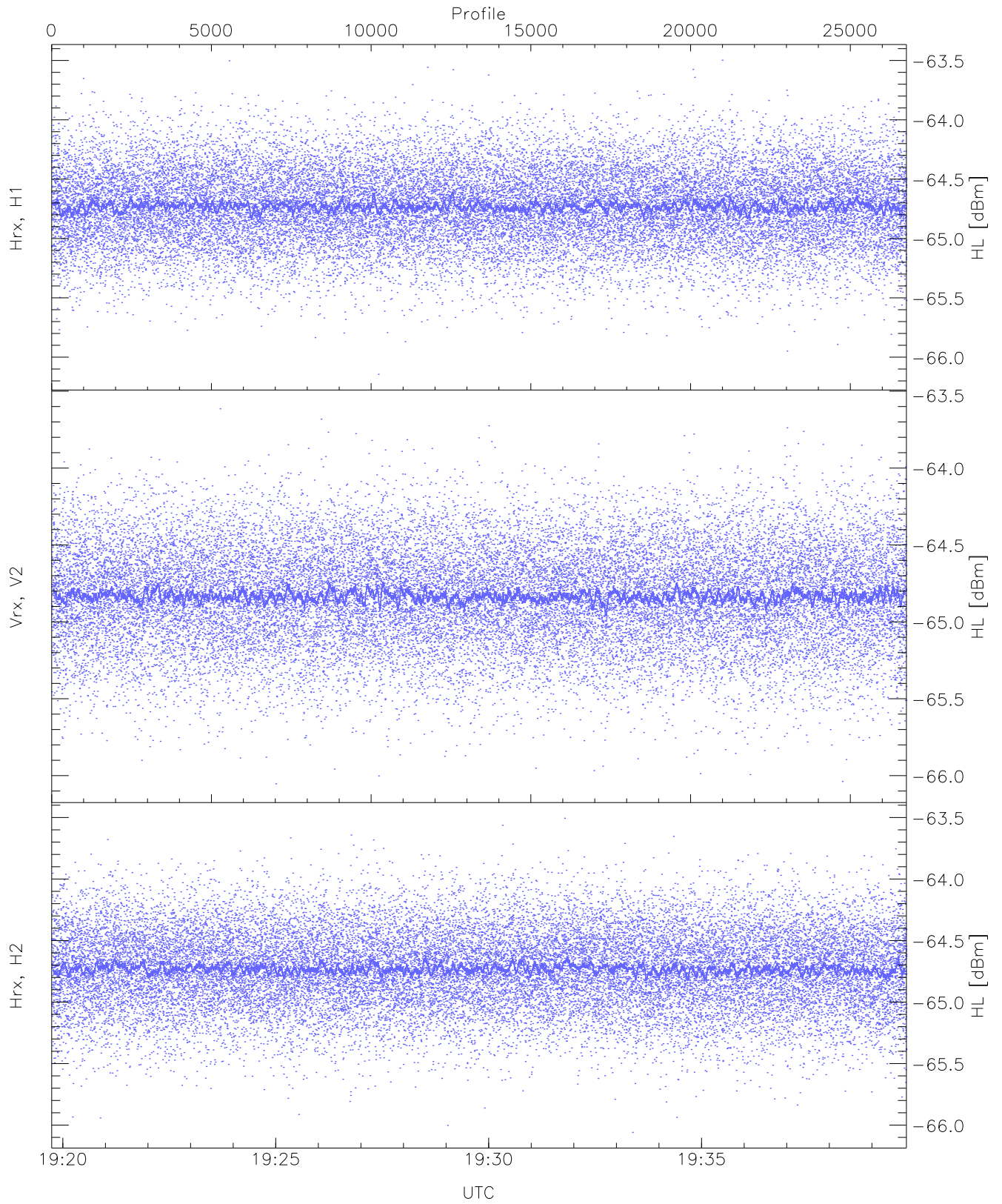
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.49	-65.17	-65.36	-65.36	-85.48
RMPHrxH1 (std_dBm)	-76.14	-74.65	-75.37	-75.38	-89.07
RMPVrxV2 (mean_dBm)	-65.21	-64.91	-65.05	-65.05	-86.29
RMPVrxV2 (std_dBm)	-75.88	-74.40	-75.07	-75.07	-88.86
RMPHrxH2 (mean_dBm)	-65.07	-64.80	-64.94	-64.94	-86.35
RMPHrxH2 (std_dBm)	-75.77	-74.30	-74.96	-74.96	-88.72



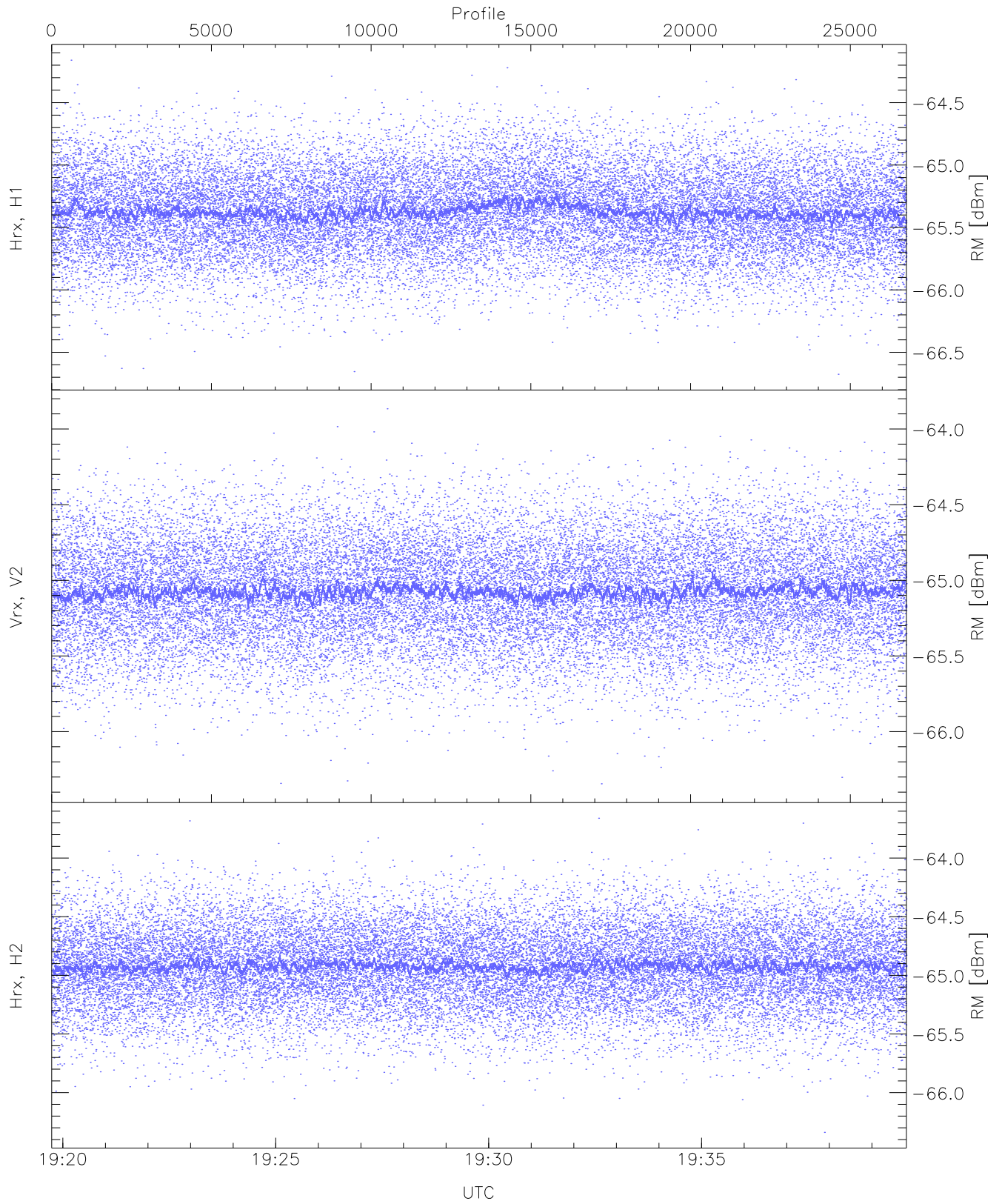
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.24	-63.68	-64.91	-64.92	-76.41
Vrx, V2 (WL [dBm])	-66.27	-63.69	-64.98	-64.99	-76.50
Hrx, H2 (WL [dBm])	-66.23	-63.77	-64.91	-64.92	-76.41



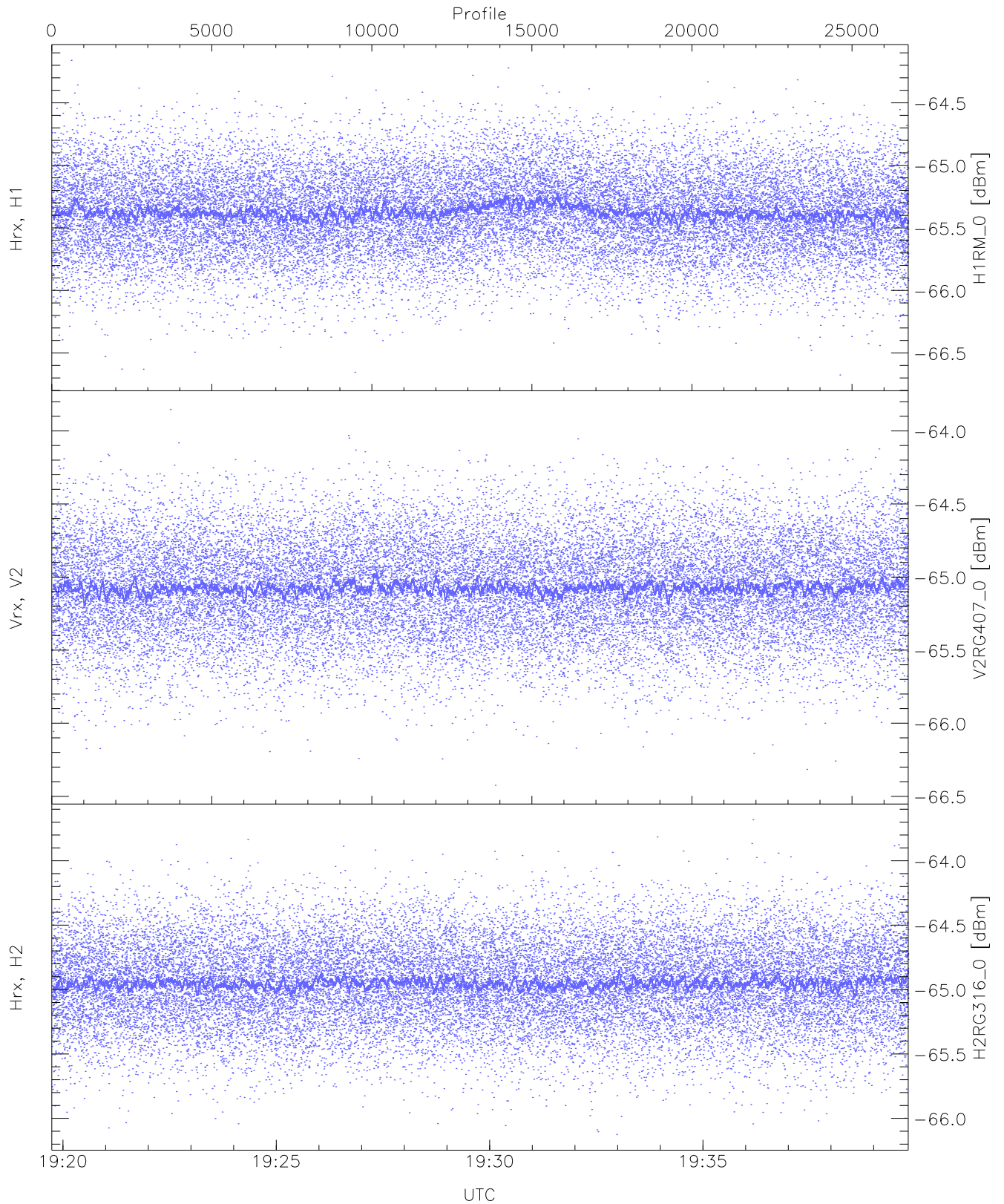
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.14	-63.50	-64.72	-64.73	-76.20
Vrx, V2 (HL [dBm])	-66.05	-63.61	-64.83	-64.83	-76.34
Hrx, H2 (HL [dBm])	-66.06	-63.51	-64.72	-64.73	-76.22



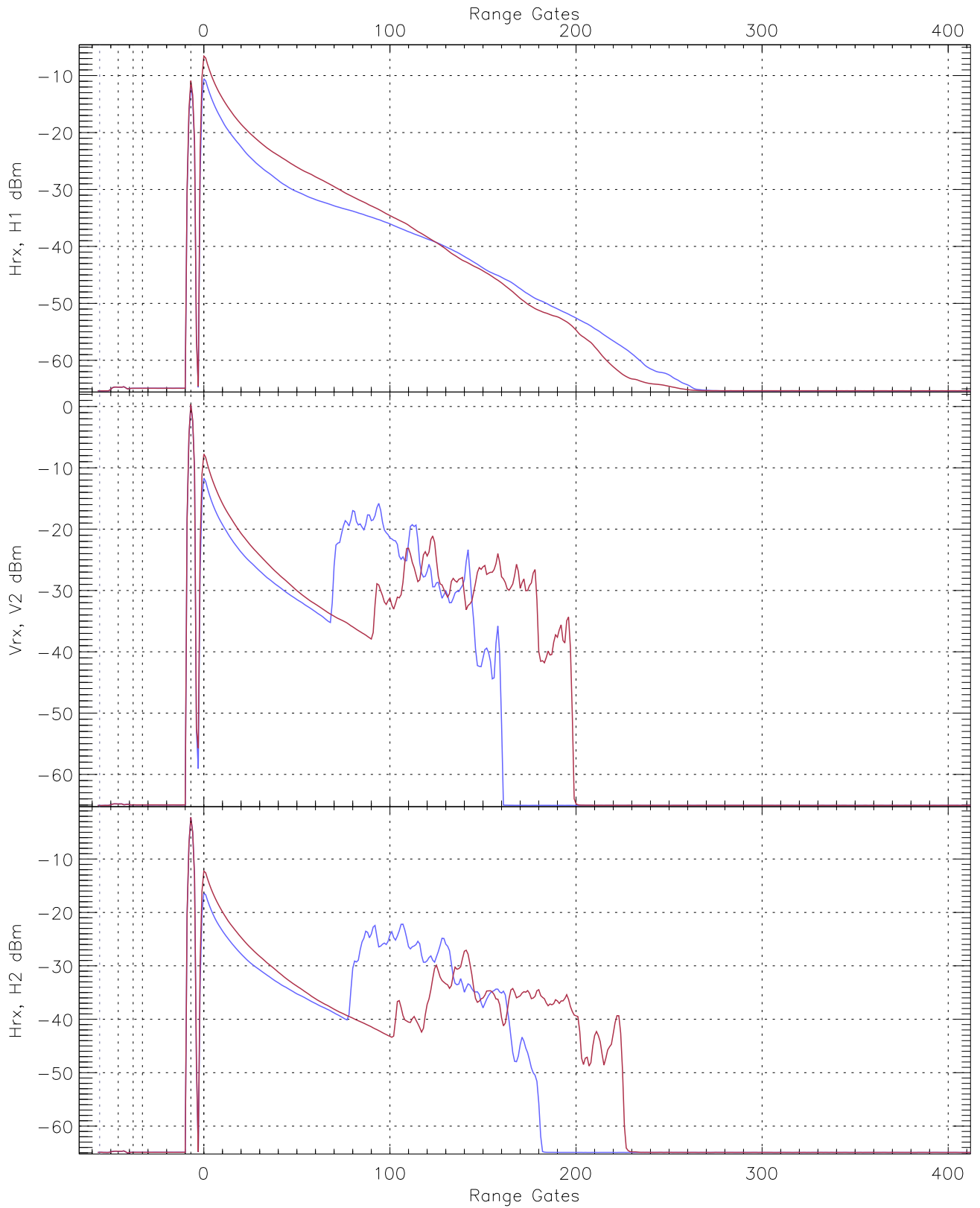
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.68	-64.16	-65.37	-65.38	-76.88
Vrx, V2 (RM [dBm])	-66.34	-63.87	-65.07	-65.08	-76.59
Hrx, H2 (RM [dBm])	-66.34	-63.66	-64.92	-64.93	-76.42

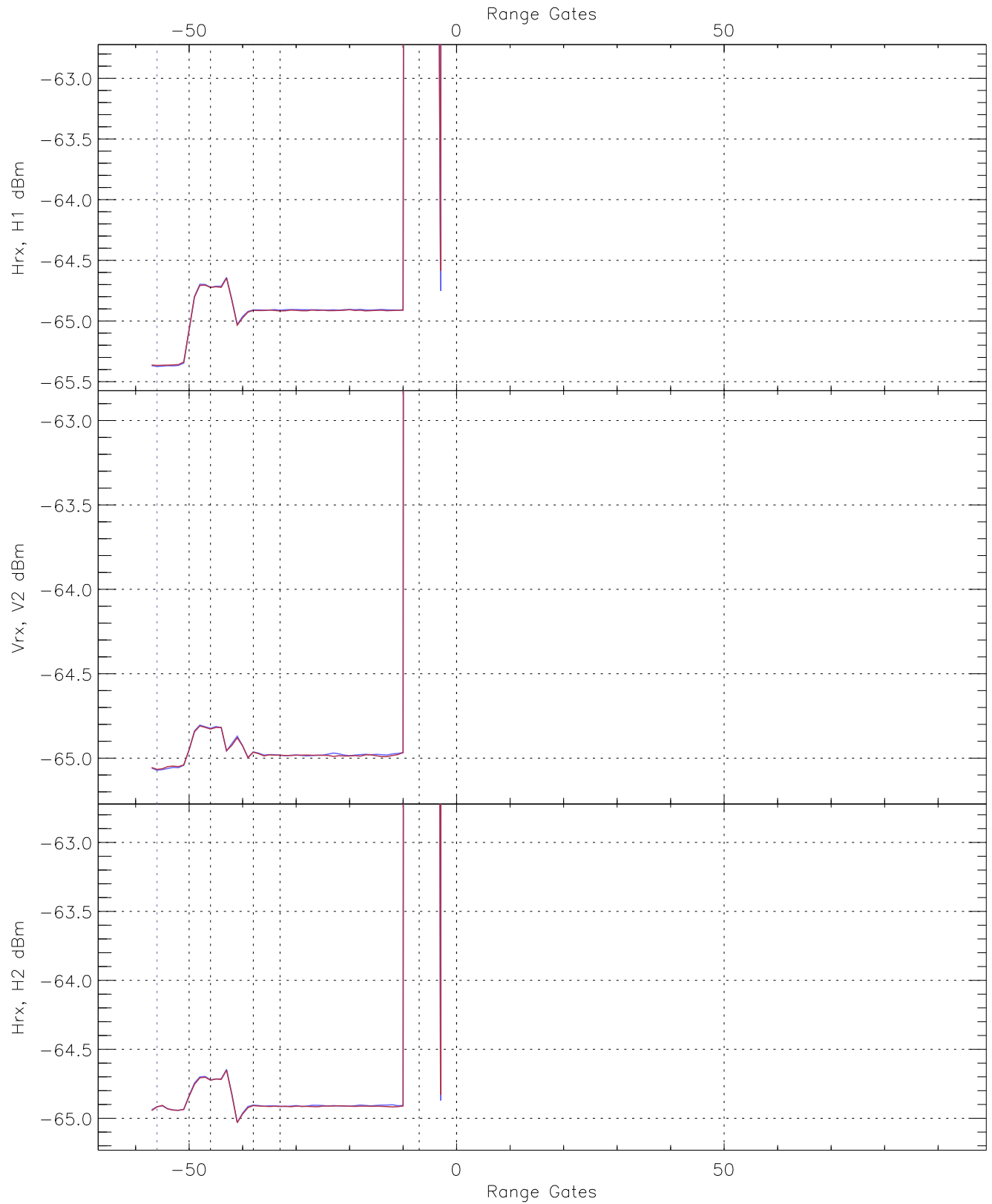


WCR3 CPP "Best" estimate Receivers Noise Power

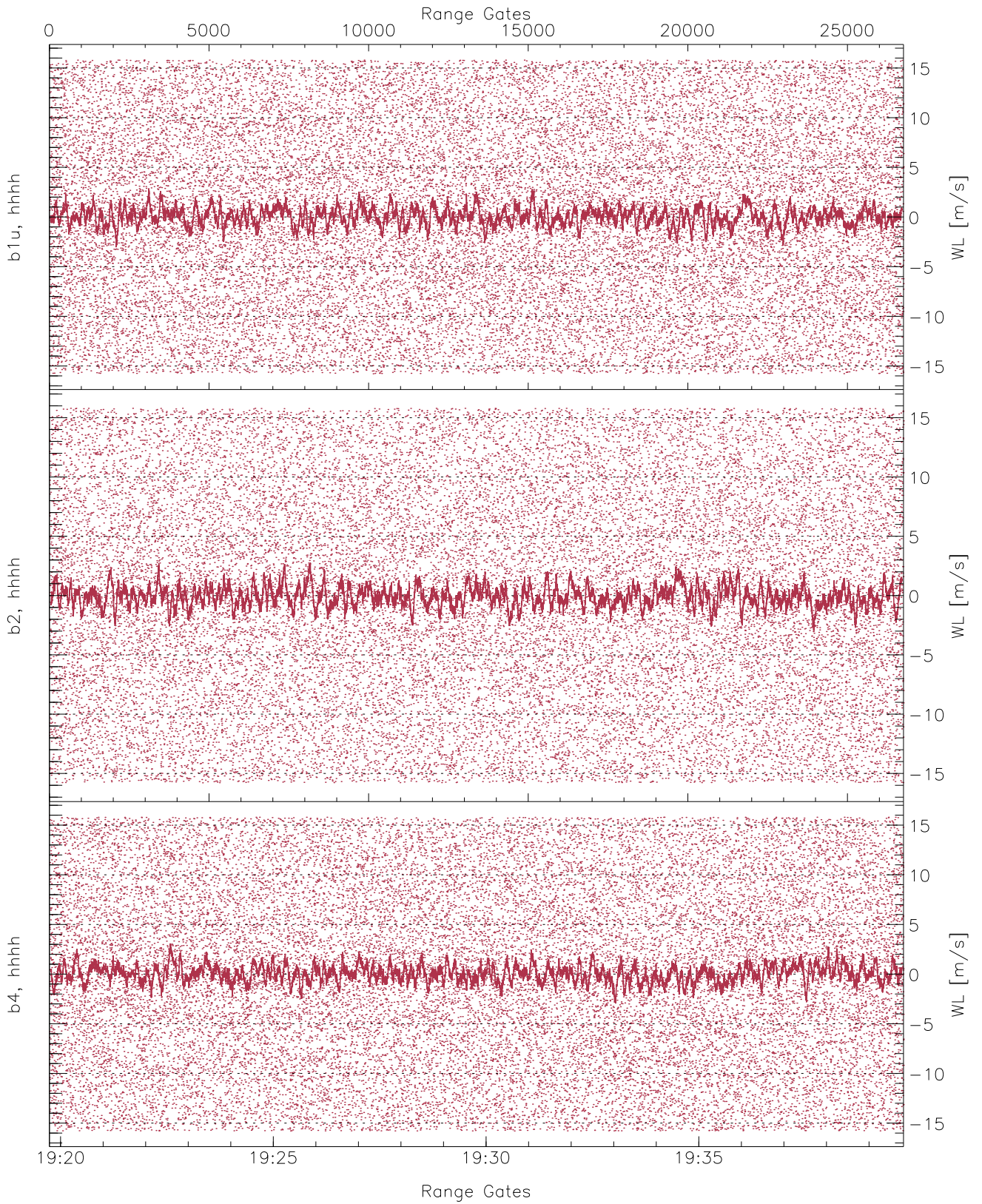
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.68	-64.16	-65.37	-65.38	-76.88
V2RG407_0 [dBm]	-66.42	-63.85	-65.07	-65.08	-76.59
H2RG316_0 [dBm]	-66.13	-63.68	-64.94	-64.95	-76.46



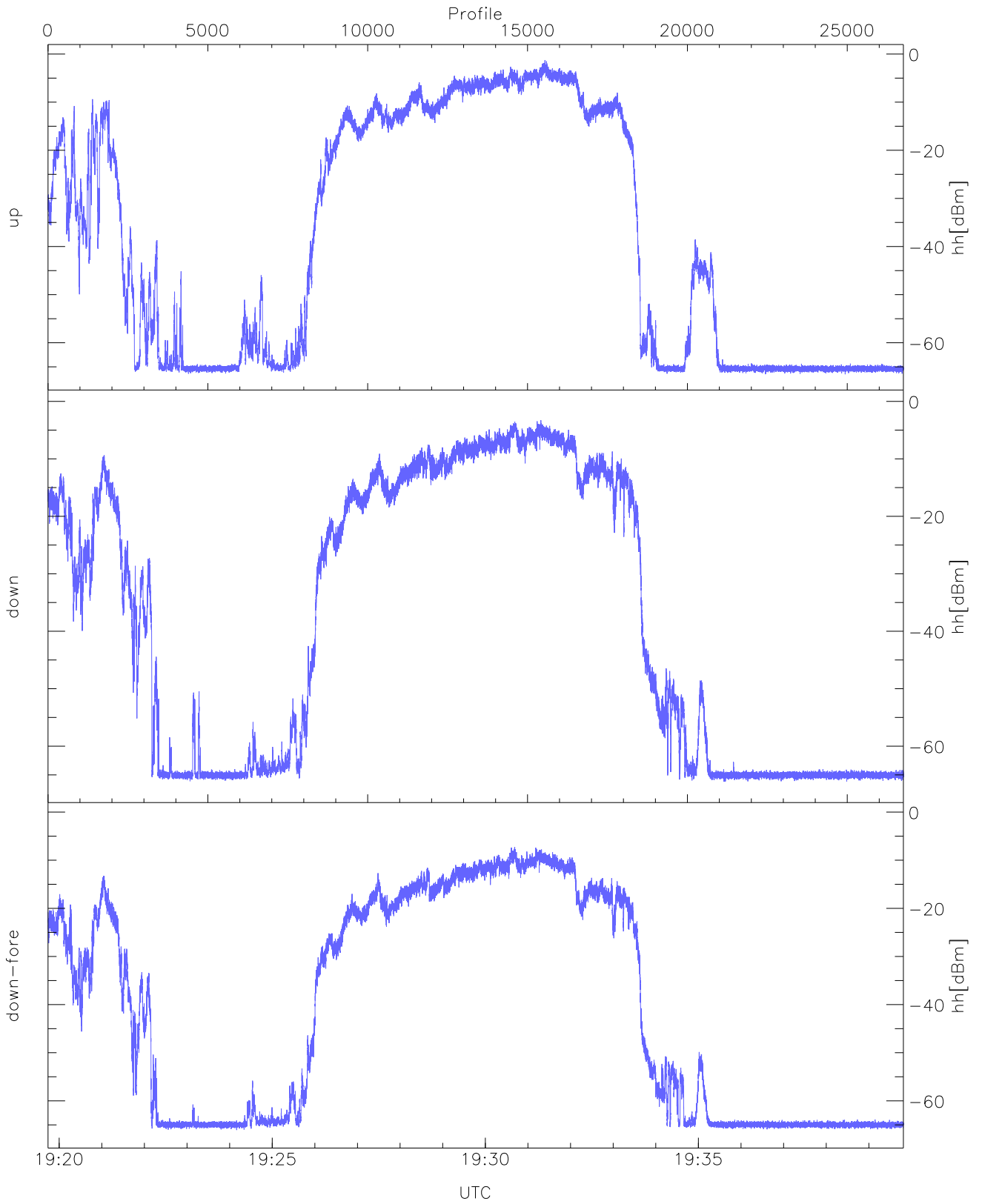
WCR3 CPP Averaged Received power for all recorded gates
blue: 191944-192946, 13380 profiles averaged
red: 192946-193949, 13379 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 191944-192946, 13380 profiles averaged
red: 192946-193949, 13379 profiles averaged

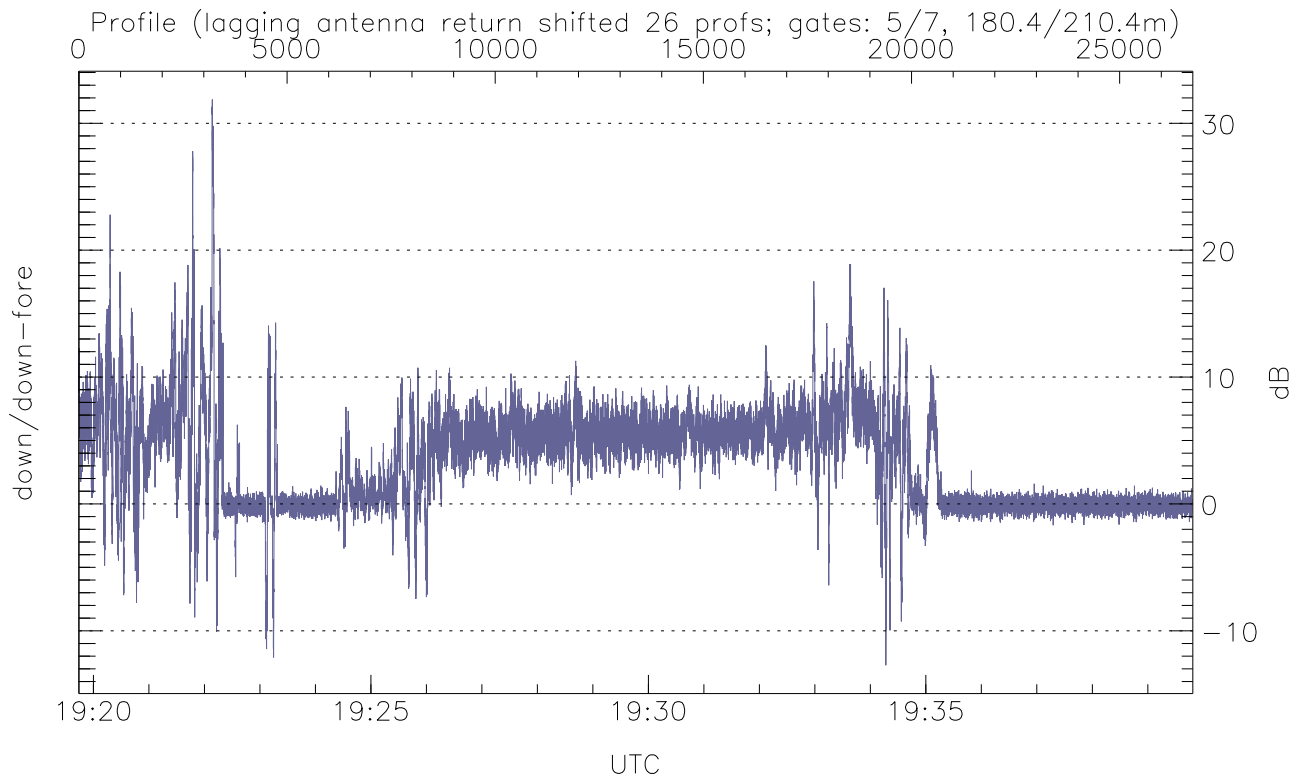
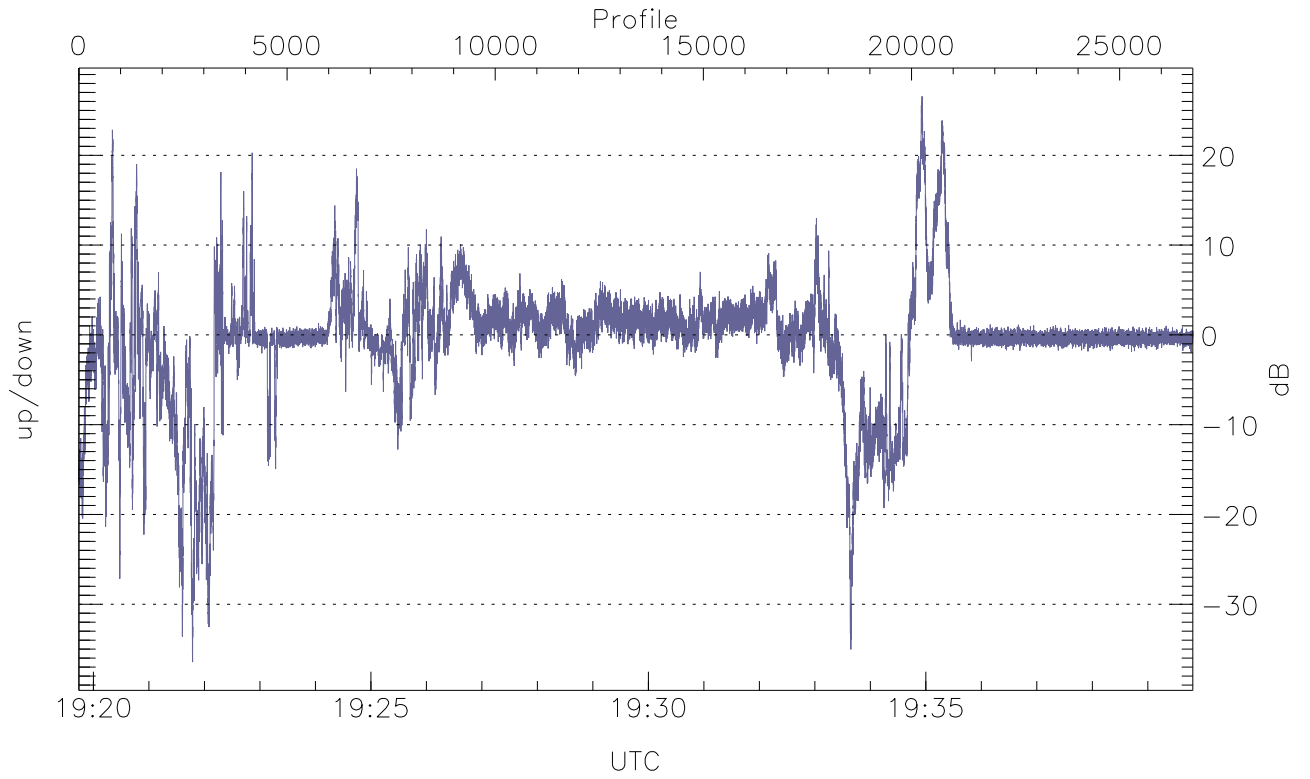


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



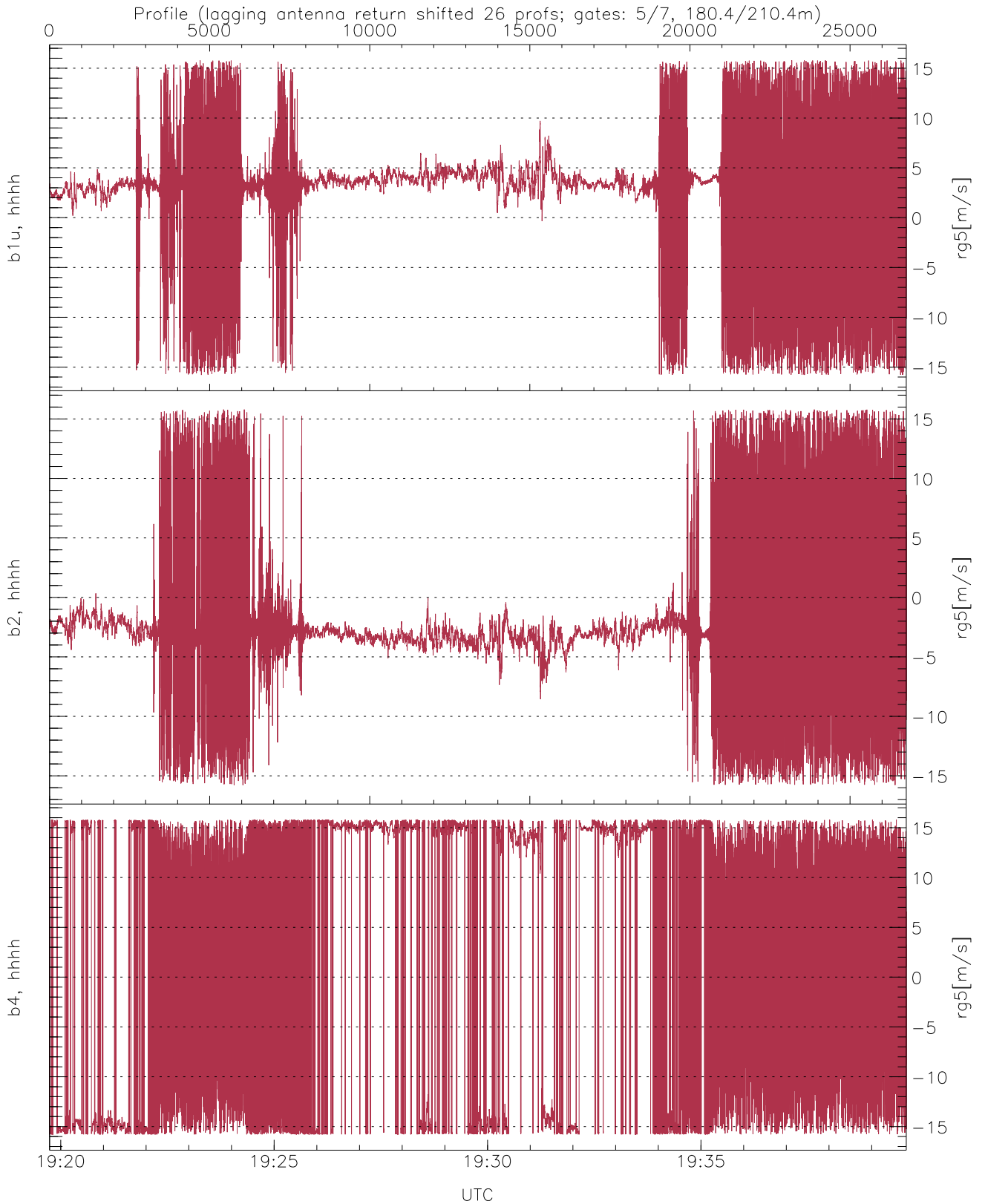
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.55	-1.28	-12.28
down(hh[dBm])	-66.18	-3.27	-13.80
down-fore(hh[dBm])	-66.07	-7.26	-18.01



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

	Min	Max	Mean
up/down (dB)	-36.44	26.57	-0.60
down/down-fore (dB)	-12.72	31.87	3.47



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	2.47	5.29
b2, hhhh(rg5[m/s])	-15.78	15.79	-1.99	5.25
b4, hhhh(rg5[m/s])	-15.79	15.79	1.89	13.02