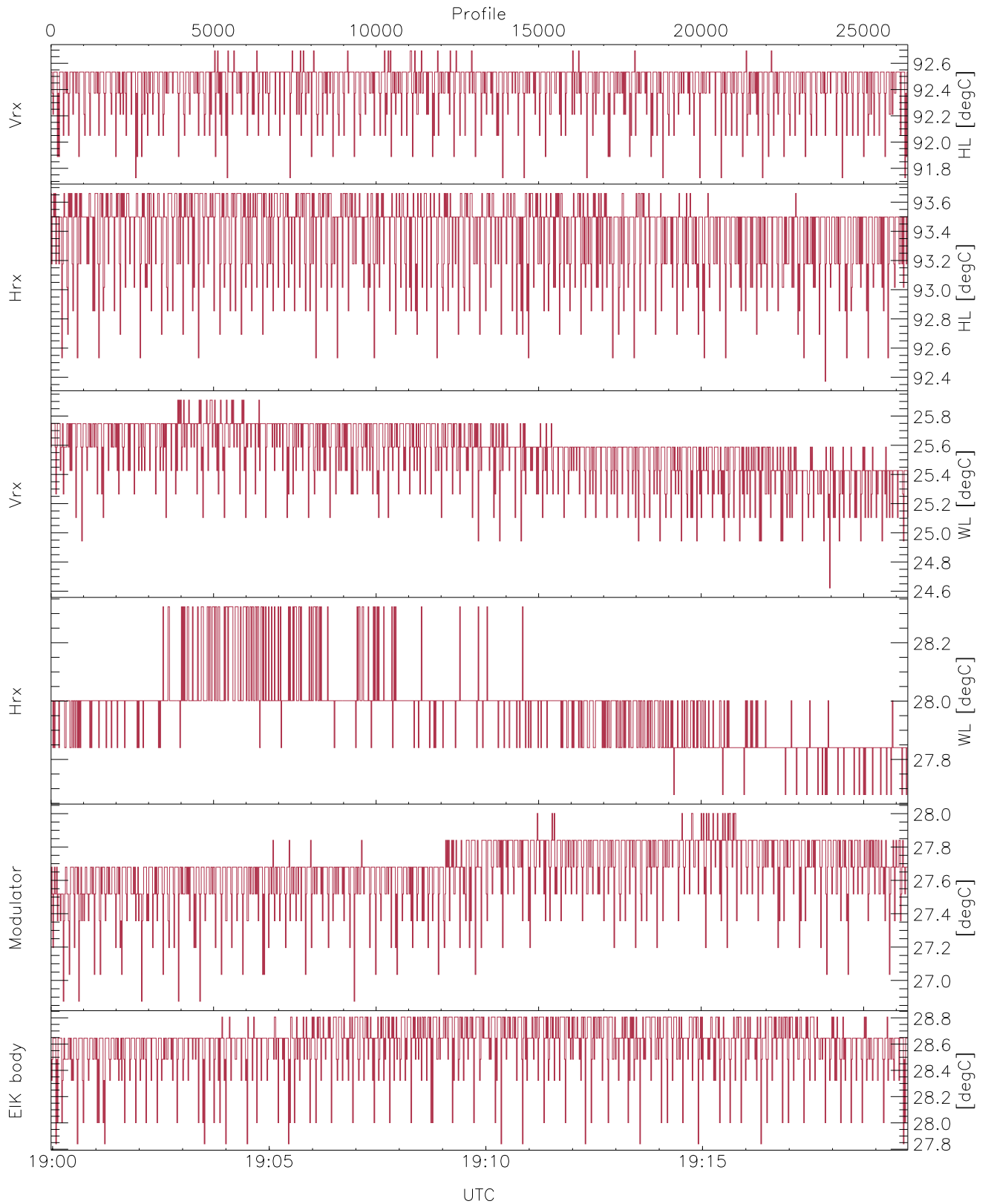


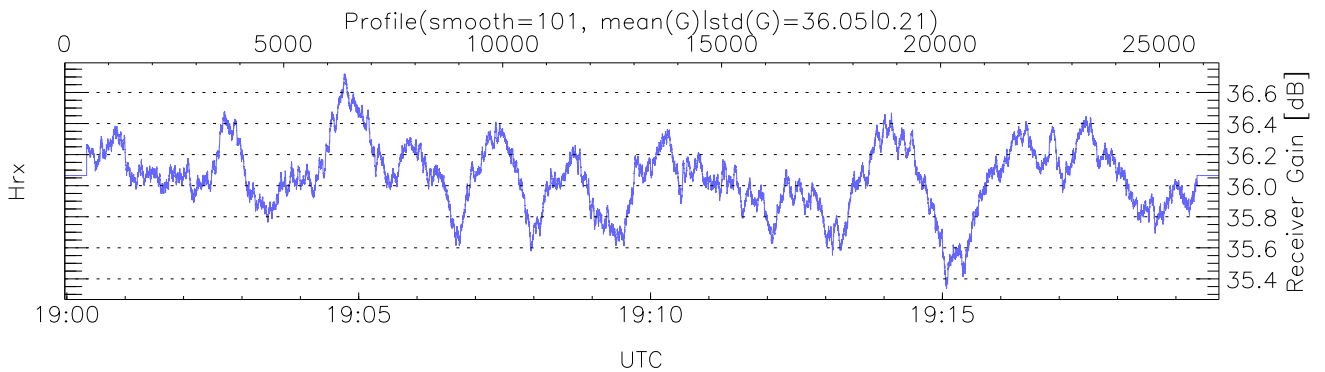
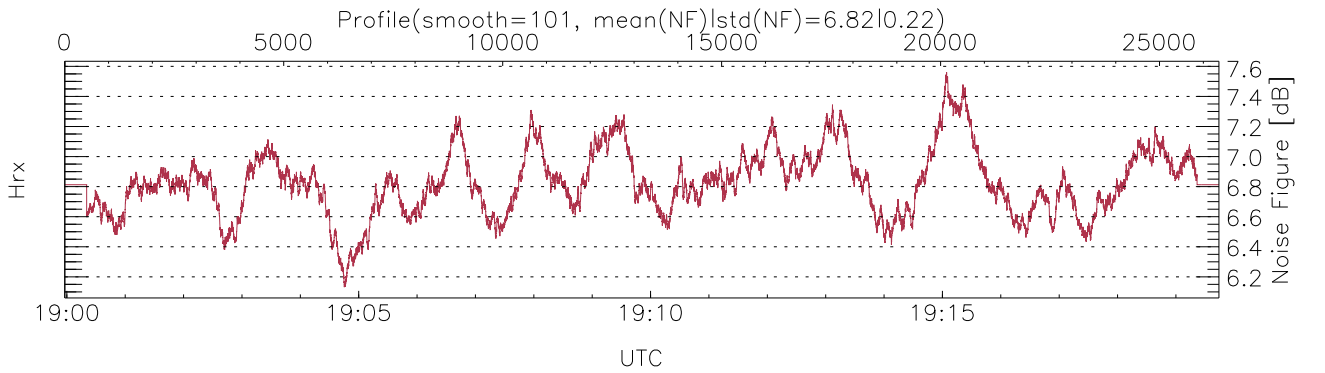
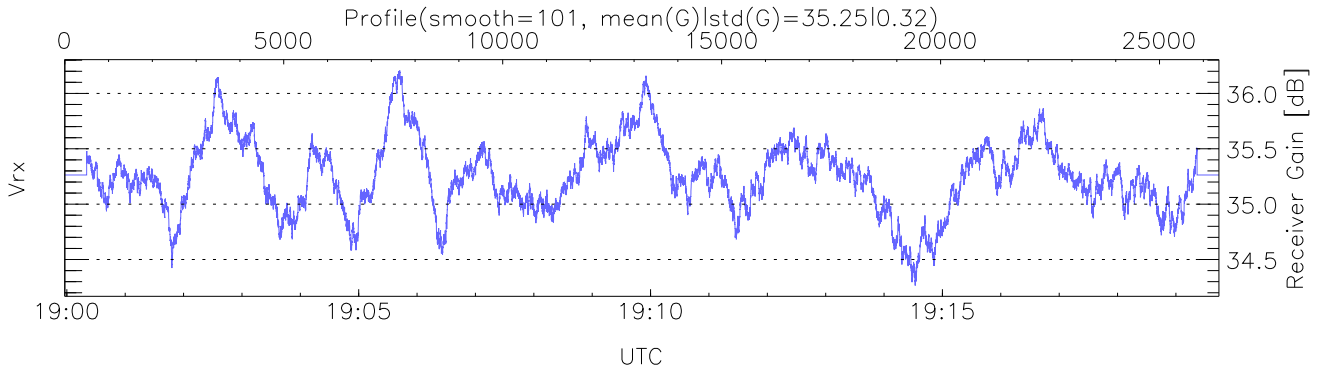
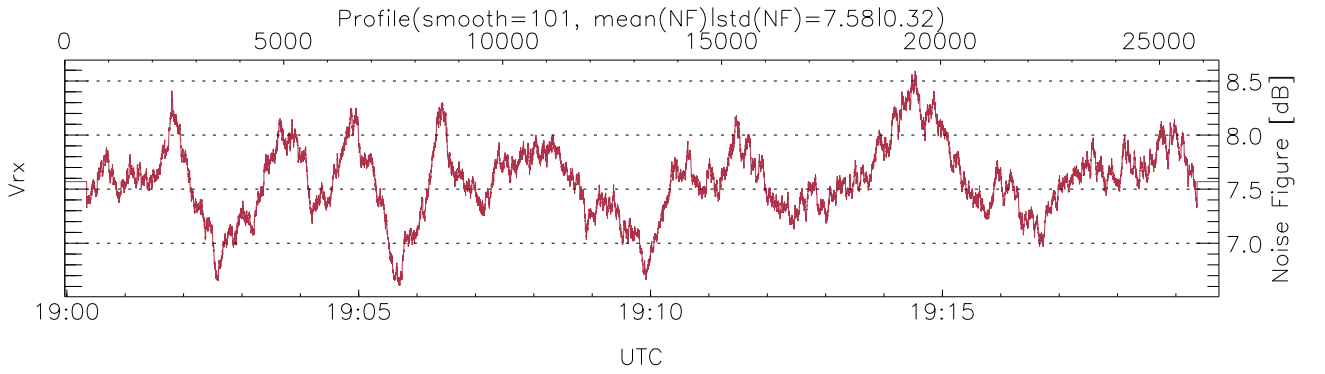
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:59:58-19:19:44, TimeCor: 0.00s, Dur: 1186.36s
 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): 26358/26358, 0-26357/18:59:58-19:19:44
 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



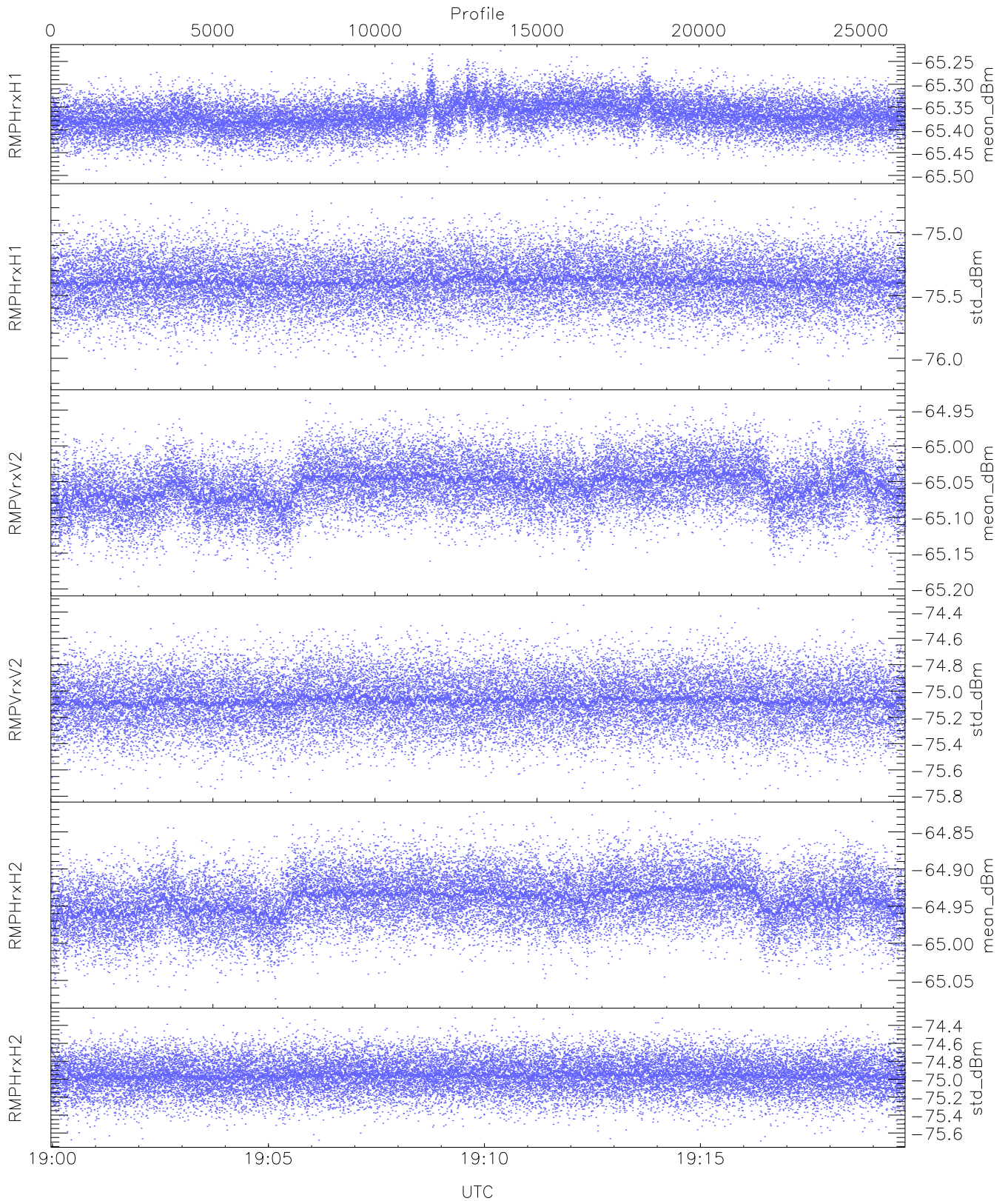
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,27,26,27`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,28,28,28`
`LOalarm(20,240,2817,14861 MHz): 0,0,46,0`
`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)`



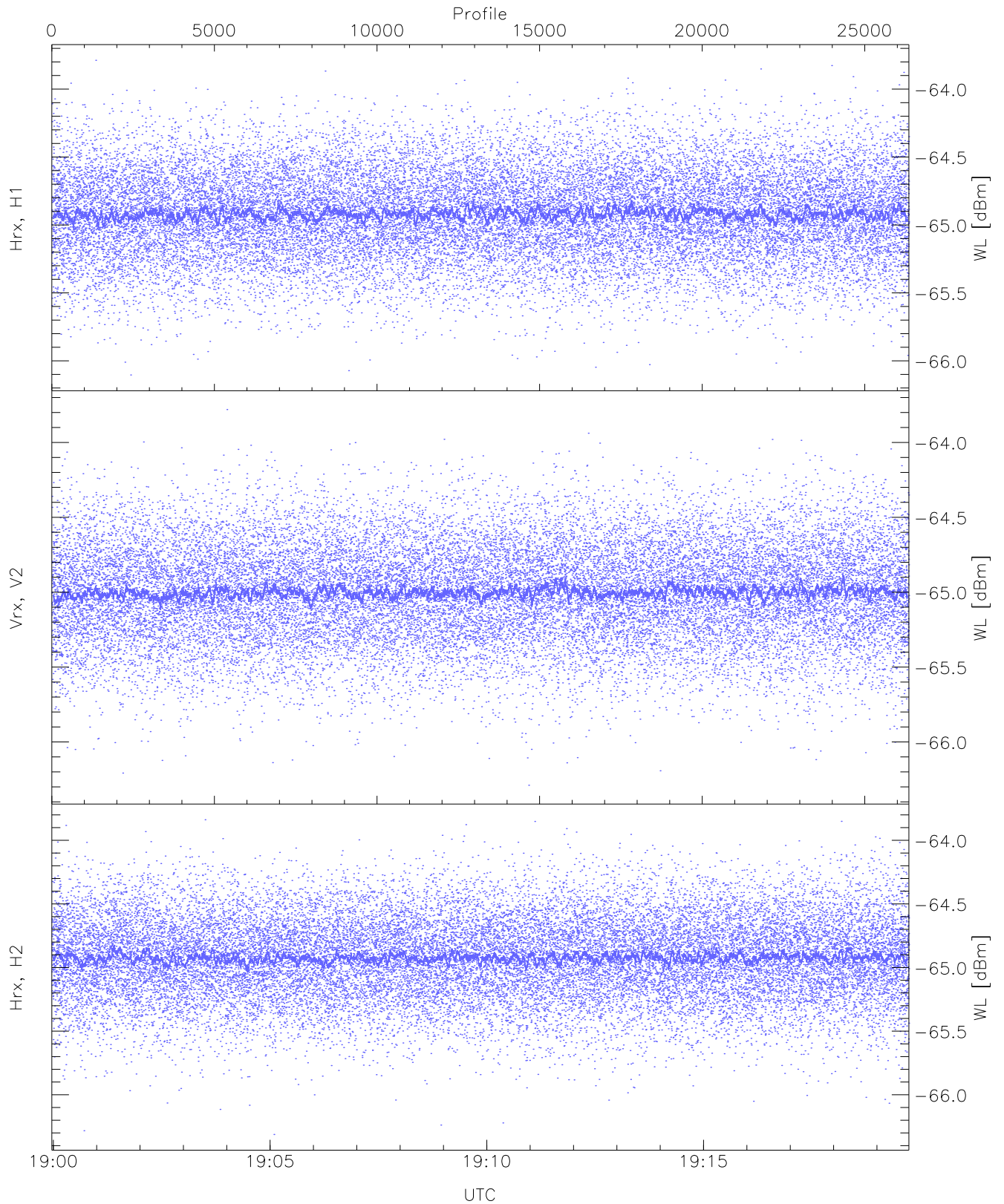
WCR3 CPP Receivers Gain and Noise Figure

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



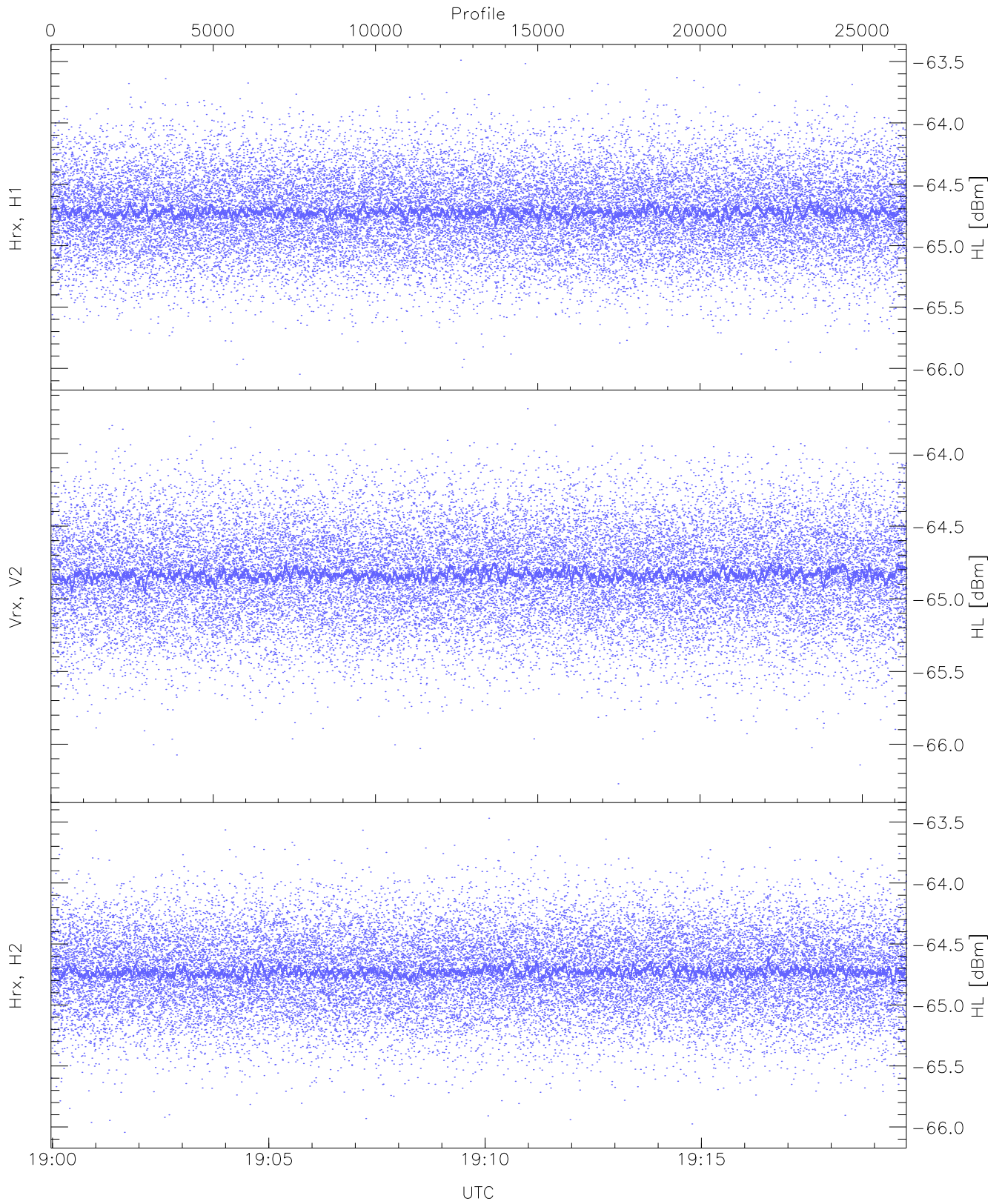
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.50	-65.23	-65.37	-65.37	-86.50
RMPHrxH1 (std_dBm)	-76.18	-74.68	-75.38	-75.39	-89.17
RMPVrxV2 (mean_dBm)	-65.20	-64.93	-65.06	-65.06	-86.22
RMPVrxV2 (std_dBm)	-75.77	-74.35	-75.07	-75.08	-88.87
RMPHrxH2 (mean_dBm)	-65.07	-64.82	-64.94	-64.94	-86.20
RMPHrxH2 (std_dBm)	-75.69	-74.28	-74.96	-74.96	-88.73



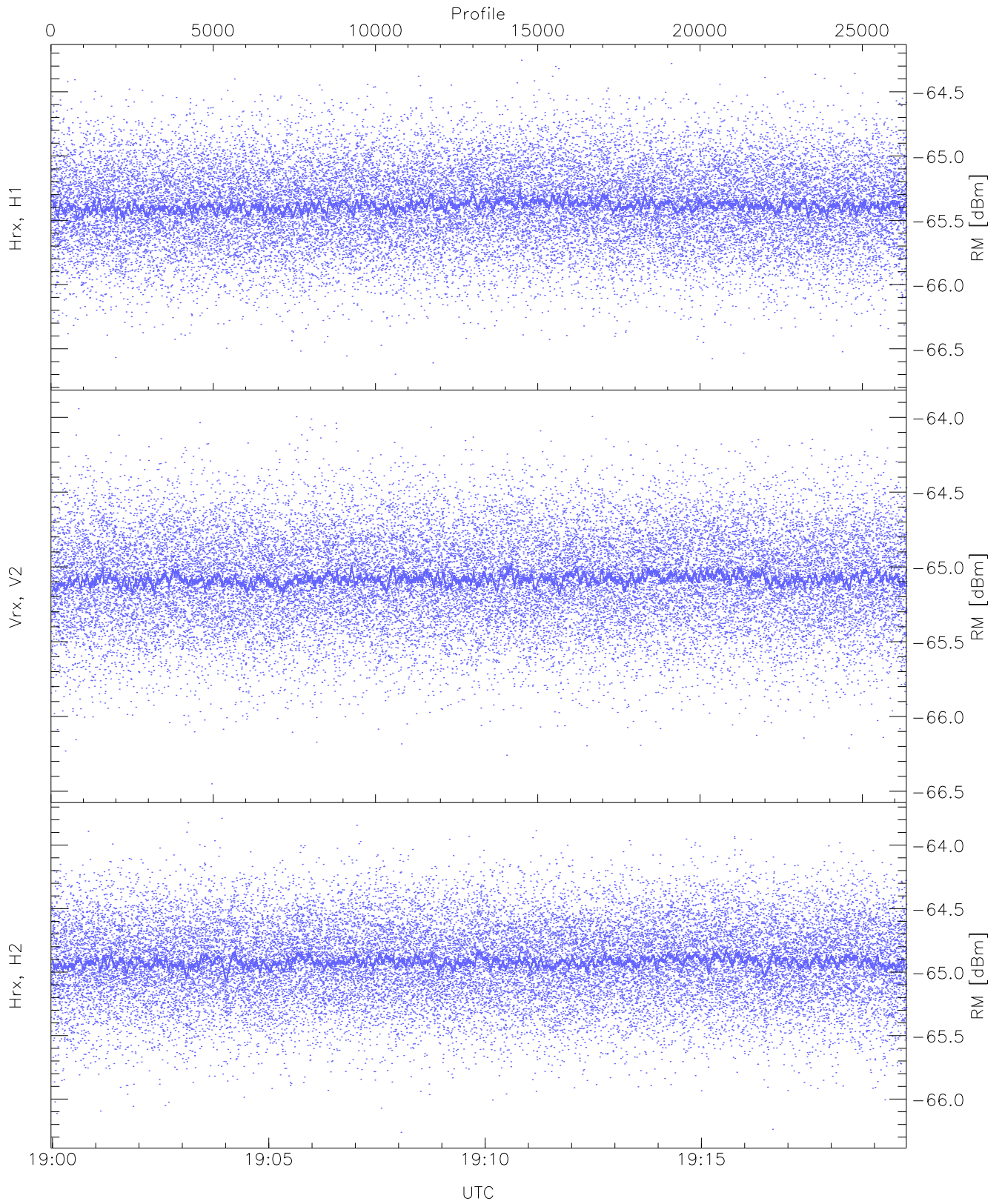
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.10	-63.79	-64.91	-64.92	-76.45
Vrx, V2 (WL [dBm])	-66.29	-63.78	-64.99	-65.00	-76.51
Hrx, H2 (WL [dBm])	-66.31	-63.84	-64.92	-64.92	-76.44



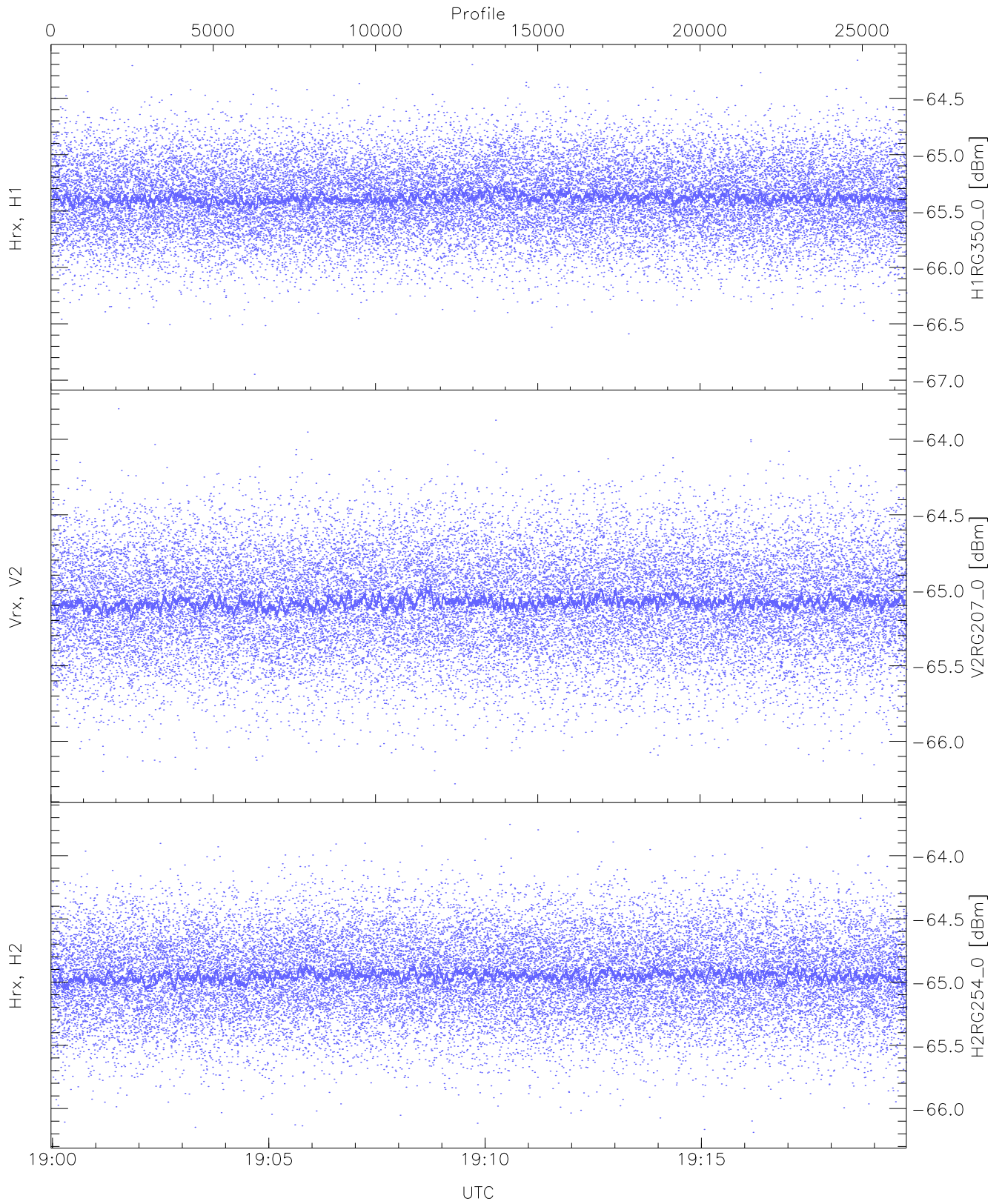
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.05	-63.49	-64.72	-64.73	-76.22
Vrx, V2 (HL [dBm])	-66.27	-63.69	-64.83	-64.83	-76.35
Hrx, H2 (HL [dBm])	-66.04	-63.47	-64.72	-64.73	-76.24



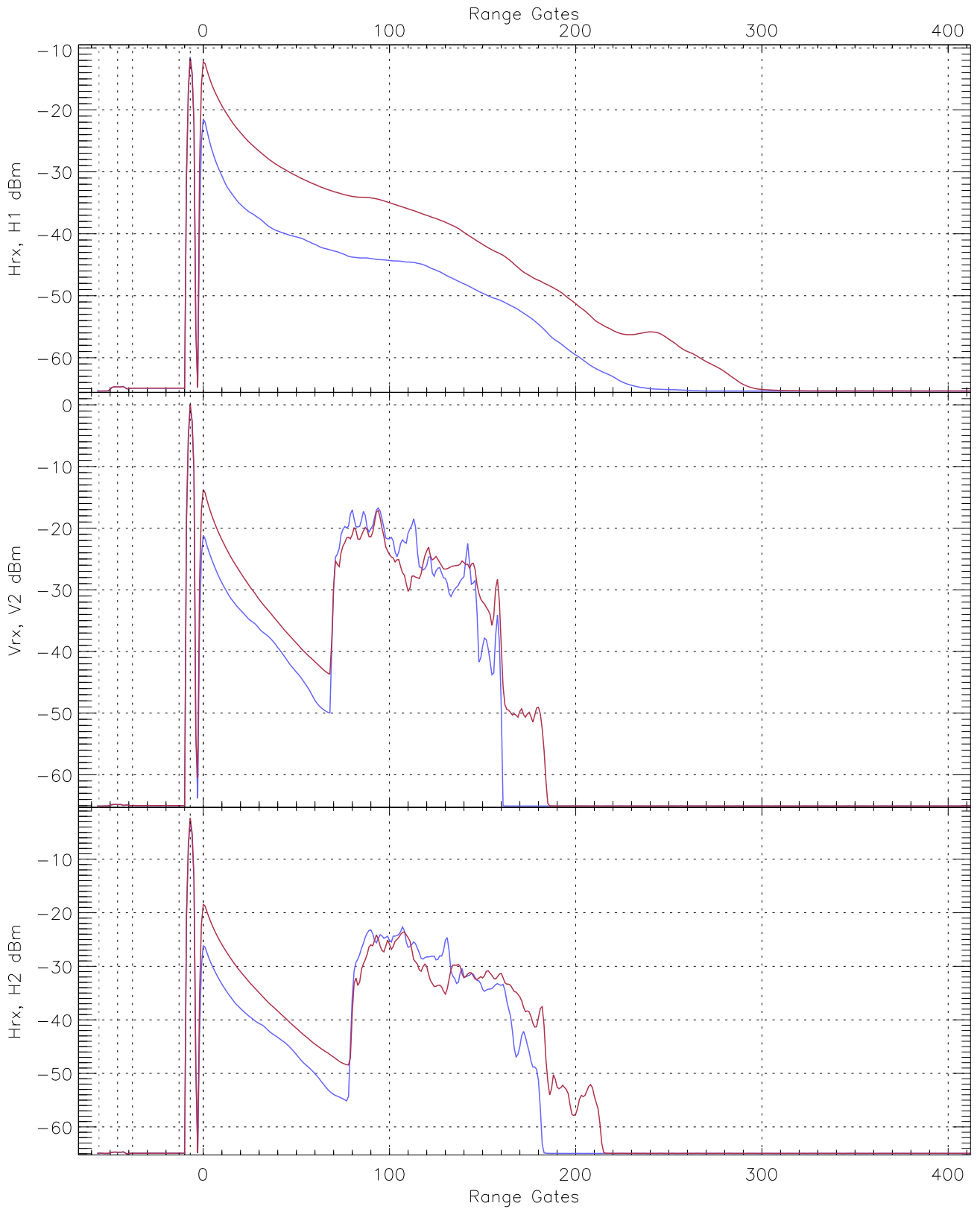
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.70	-64.25	-65.38	-65.39	-76.87
Vrx, V2 (RM [dBm])	-66.45	-63.94	-65.07	-65.08	-76.63
Hrx, H2 (RM [dBm])	-66.26	-63.79	-64.91	-64.92	-76.43

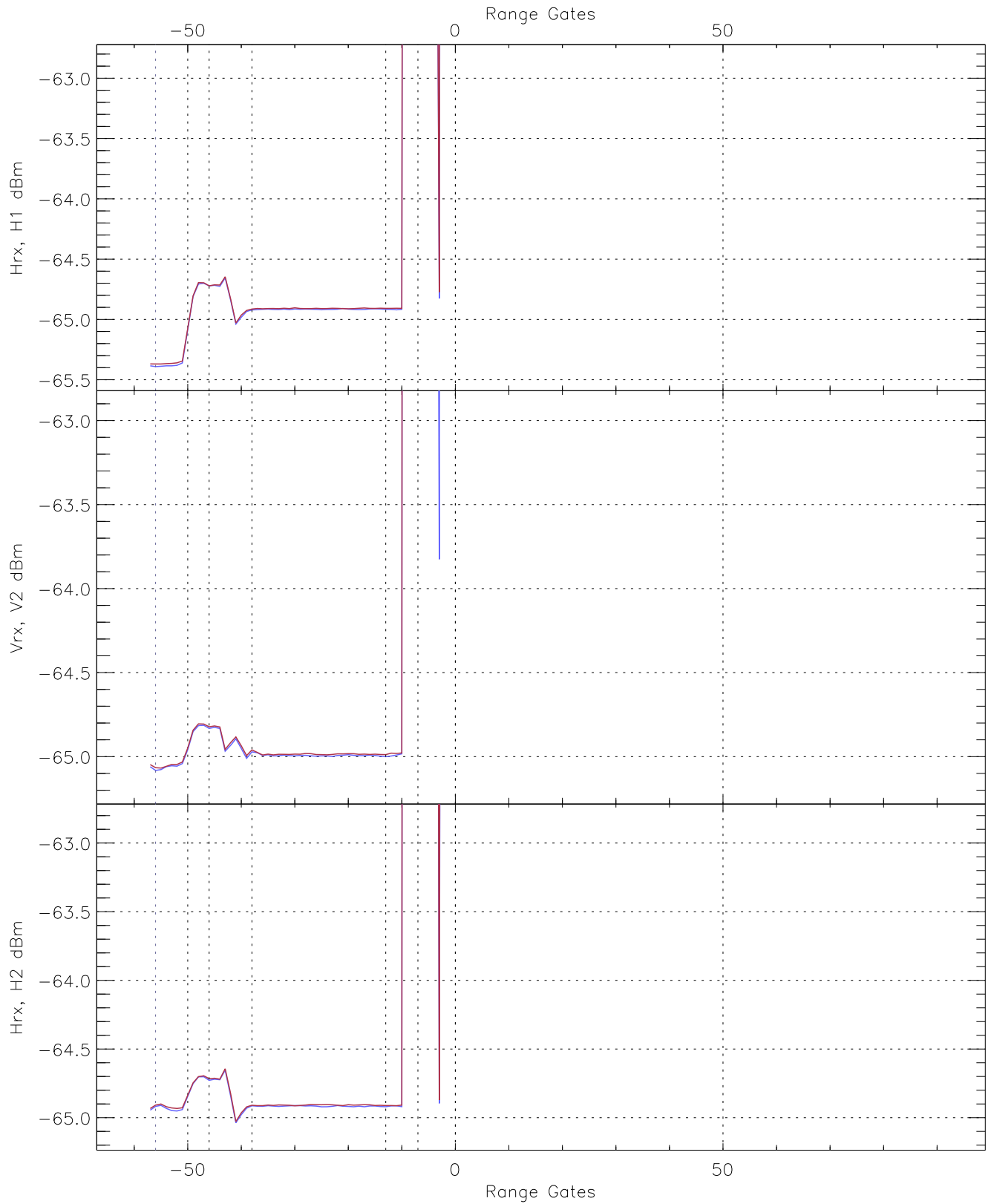


WCR3 CPP "Best" estimate Receivers Noise Power

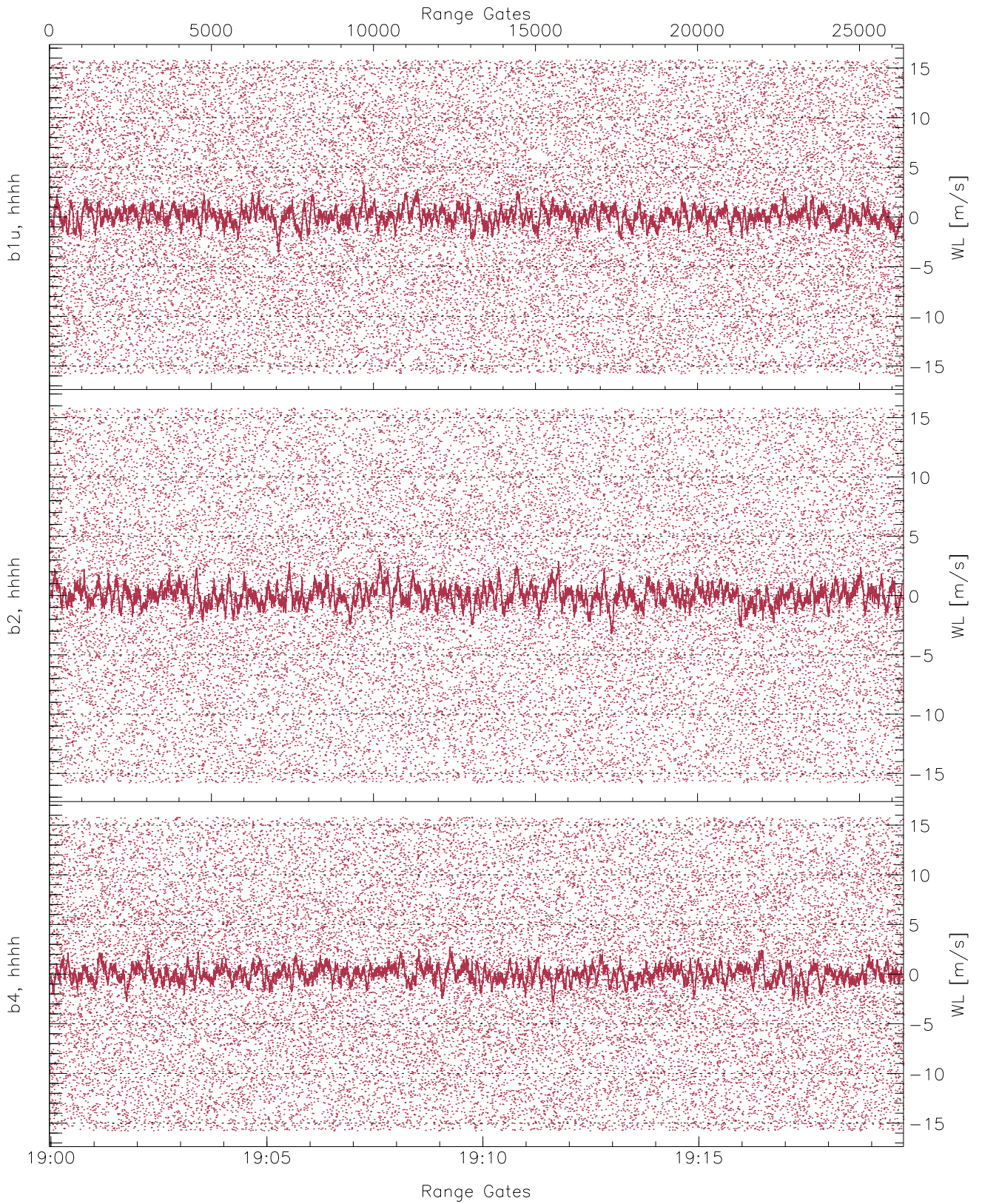
	Min	Max	Mean	Median	StDev
H1RG350_0 [dBm]	-66.95	-64.16	-65.38	-65.39	-76.91
V2RG207_0 [dBm]	-66.28	-63.80	-65.07	-65.08	-76.60
H2RG254_0 [dBm]	-66.19	-63.70	-64.95	-64.95	-76.46



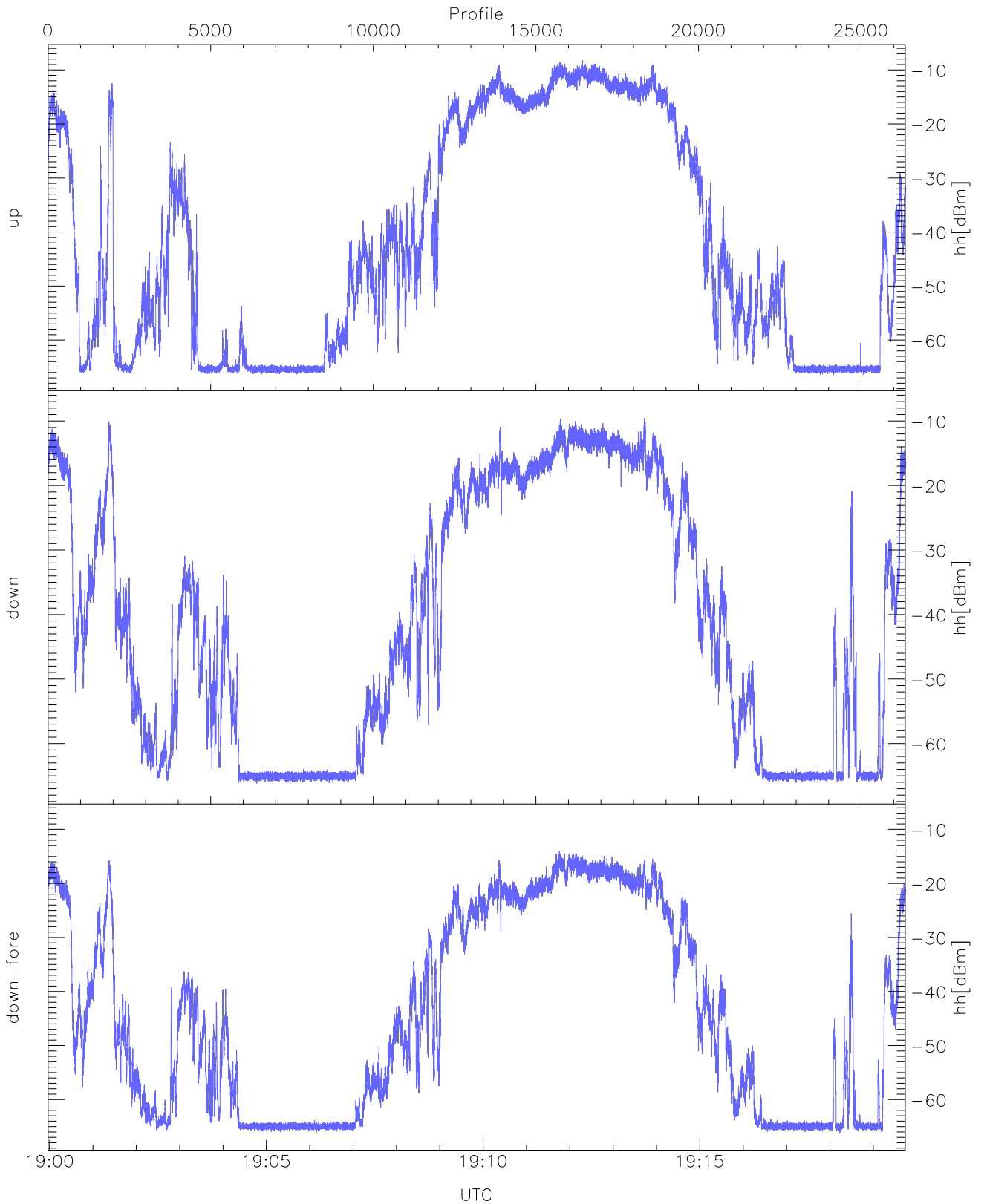
WCR3 CPP Averaged Received power for all recorded gates
blue: 185958-190951, 13180 profiles averaged
red: 190951-191944, 13179 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 185958-190951, 13180 profiles averaged
red: 190951-191944, 13179 profiles averaged

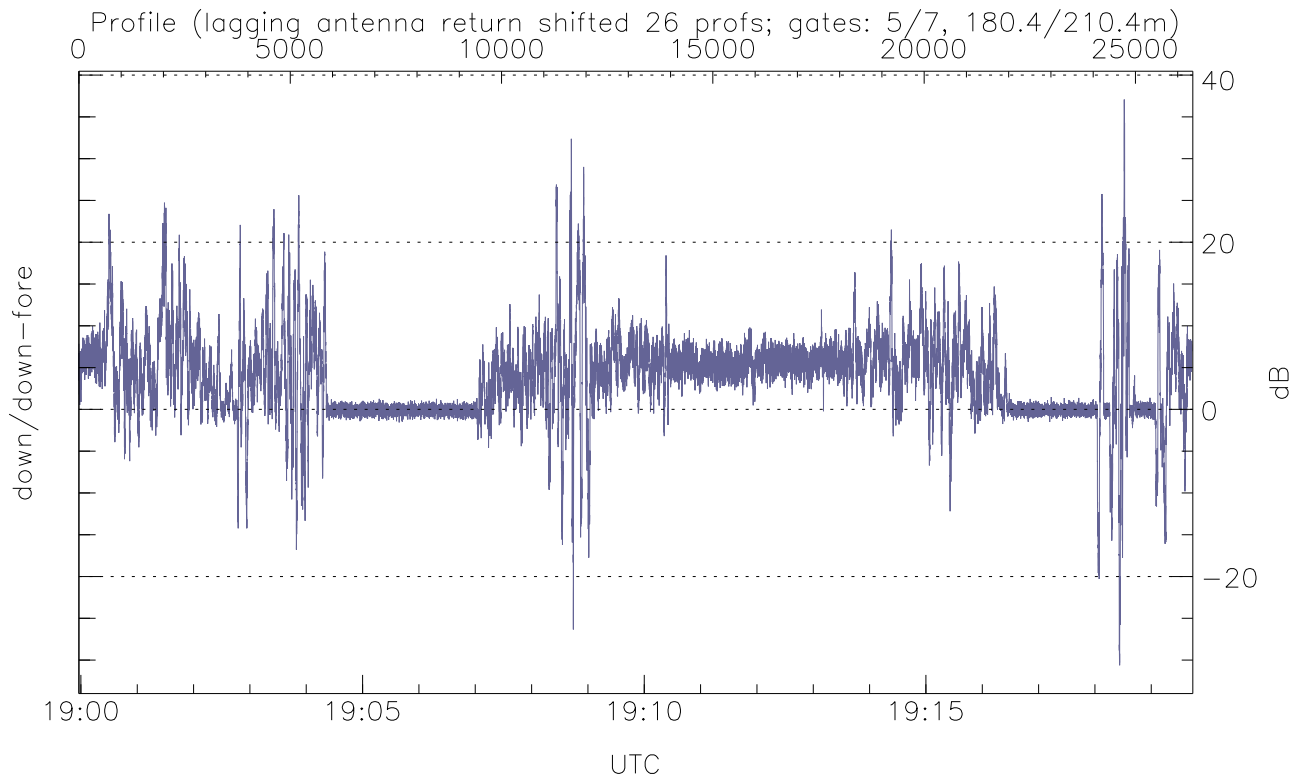
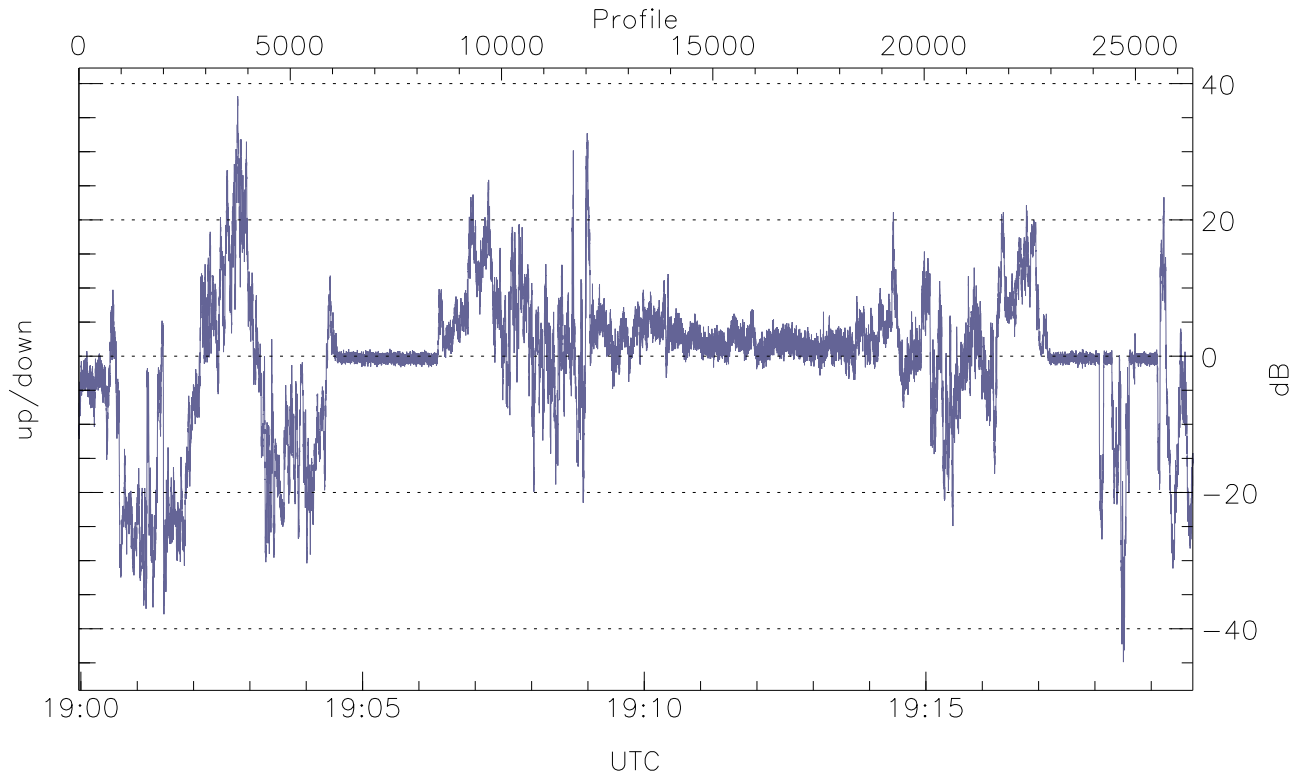


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



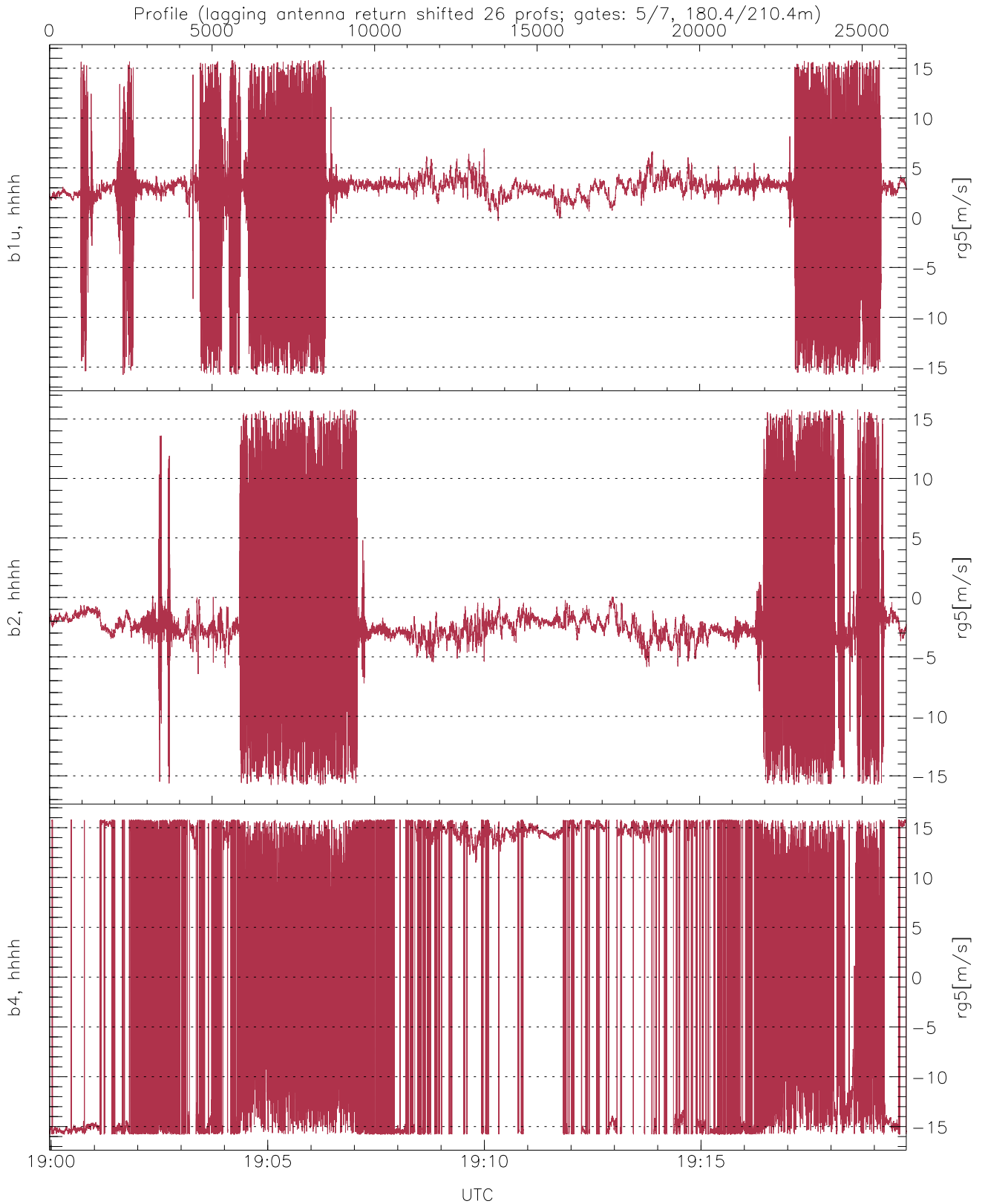
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.47	-8.21	-18.86
down(hh[dBm])	-66.19	-9.58	-20.52
down-fore(hh[dBm])	-66.30	-14.04	-24.81



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

	Min	Max	Mean
up/down (dB)	-44.89	38.13	-0.76
down/down-fore (dB)	-30.62	37.08	3.82



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	2.31	4.42
b2, hhhh(rg5[m/s])	-15.78	15.79	-1.90	4.49
b4, hhhh(rg5[m/s])	-15.79	15.79	1.03	13.61