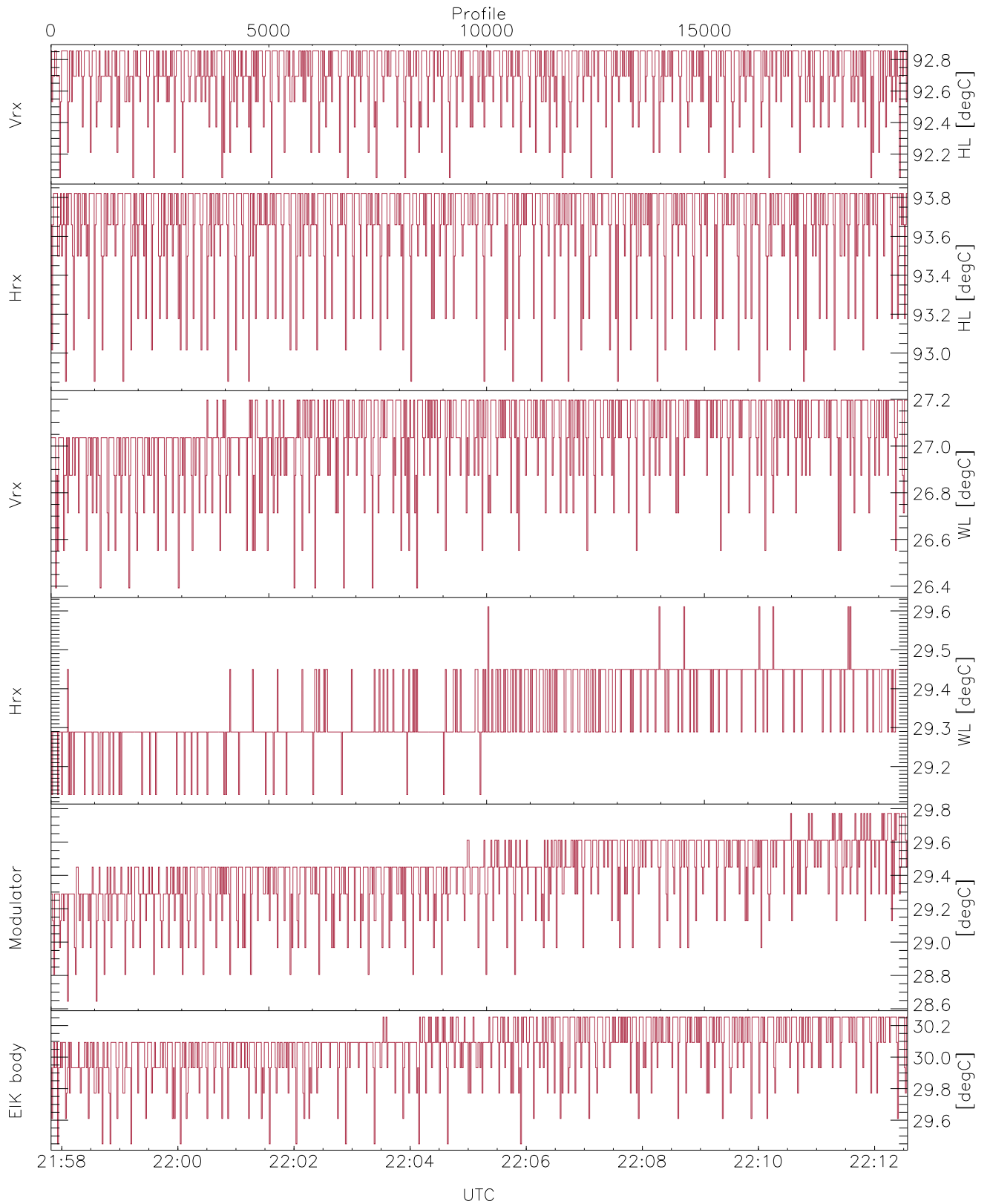


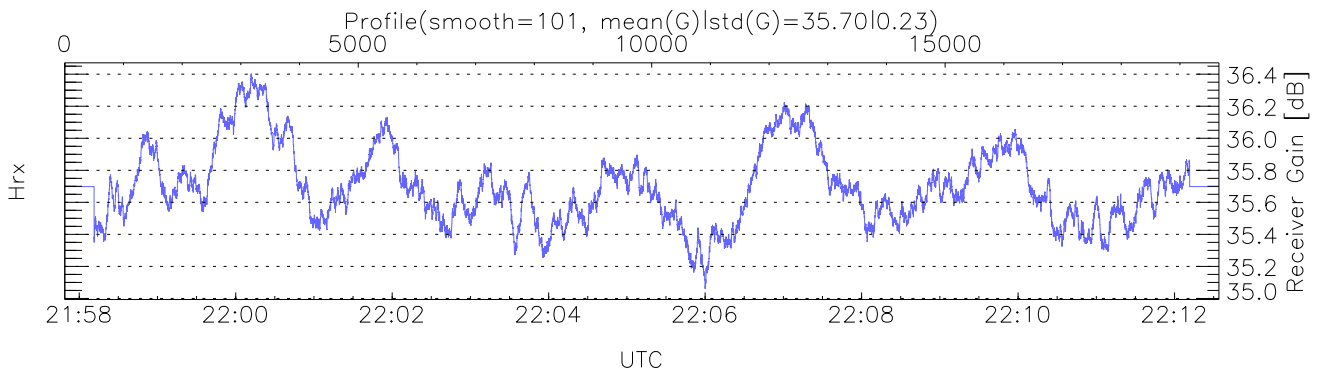
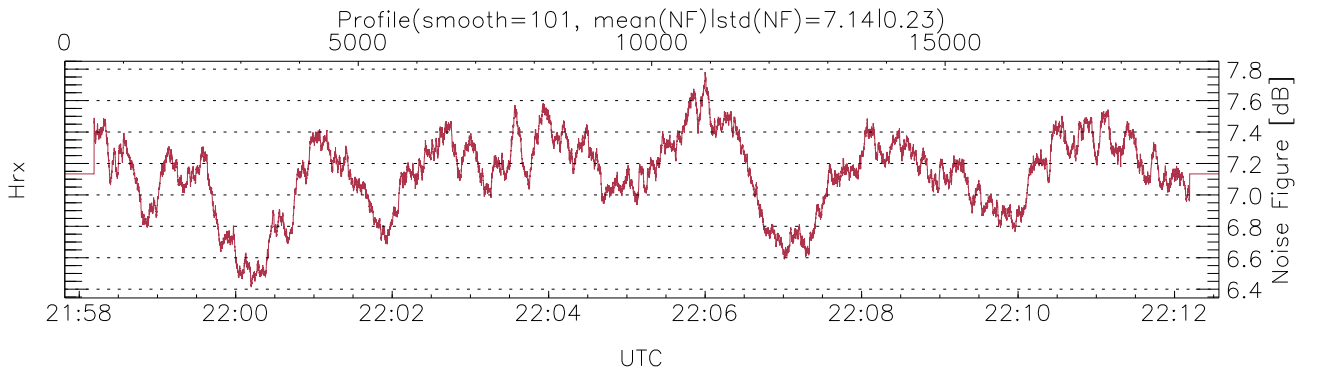
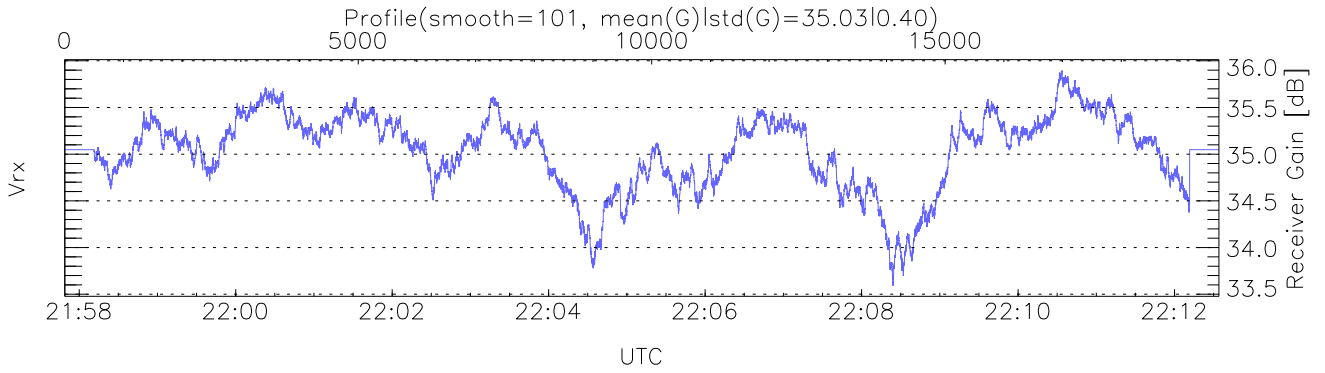
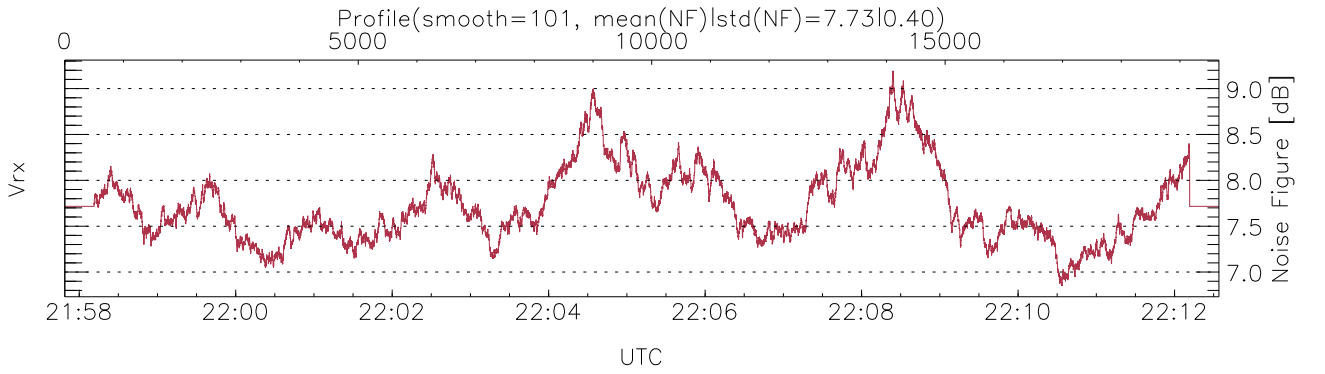
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:57:49-22:12:34, TimeCor: 0.00s, Dur: 885.15s
 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): 19666/19666, 0-19665/21:57:49-22:12:34
 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



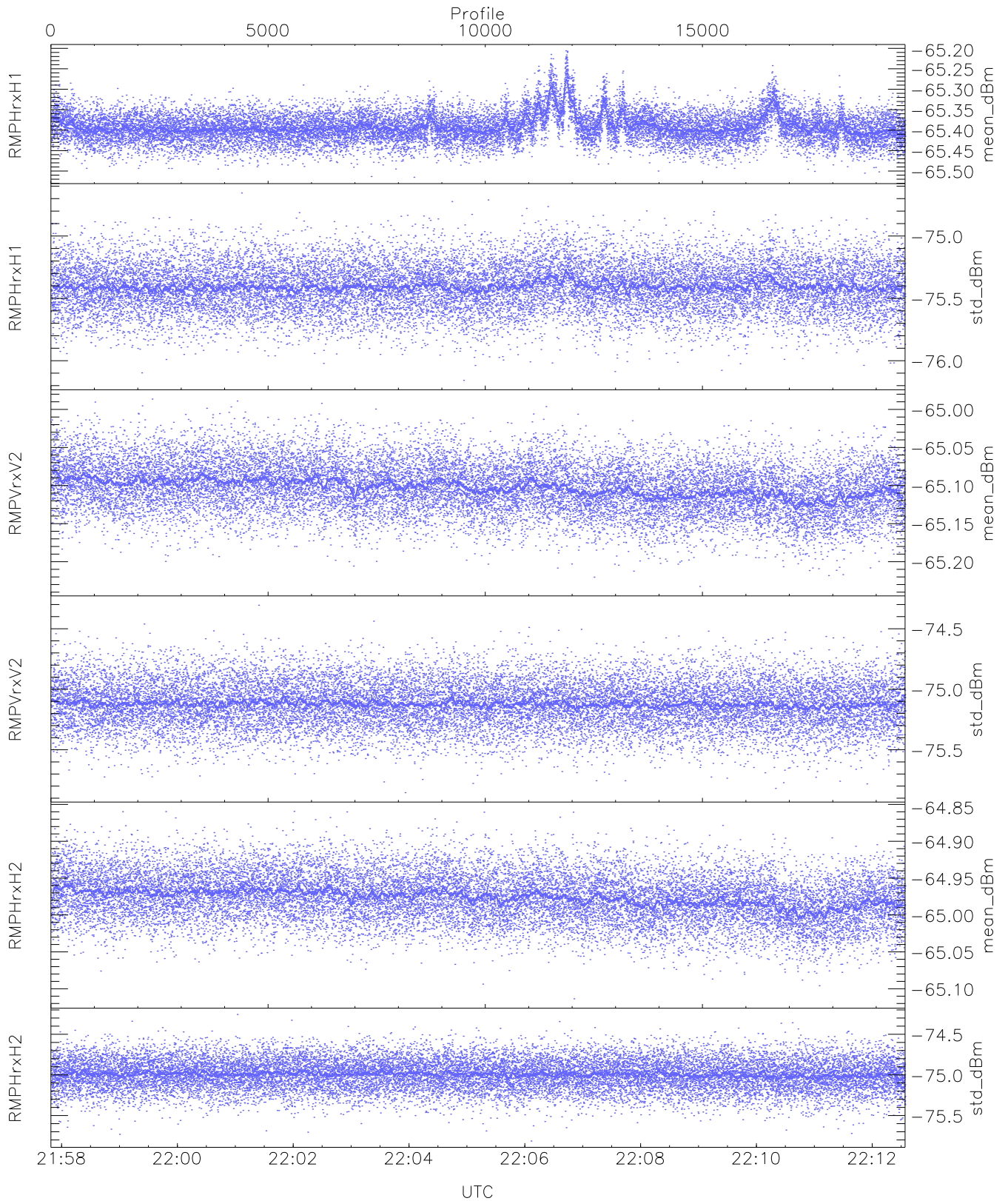
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,92,26,29,28,29`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,29,29,30`
`LOalarm(20,240,2817,14861 MHz): 0,0,22,0`
`EIK/Modulator Faults: None`



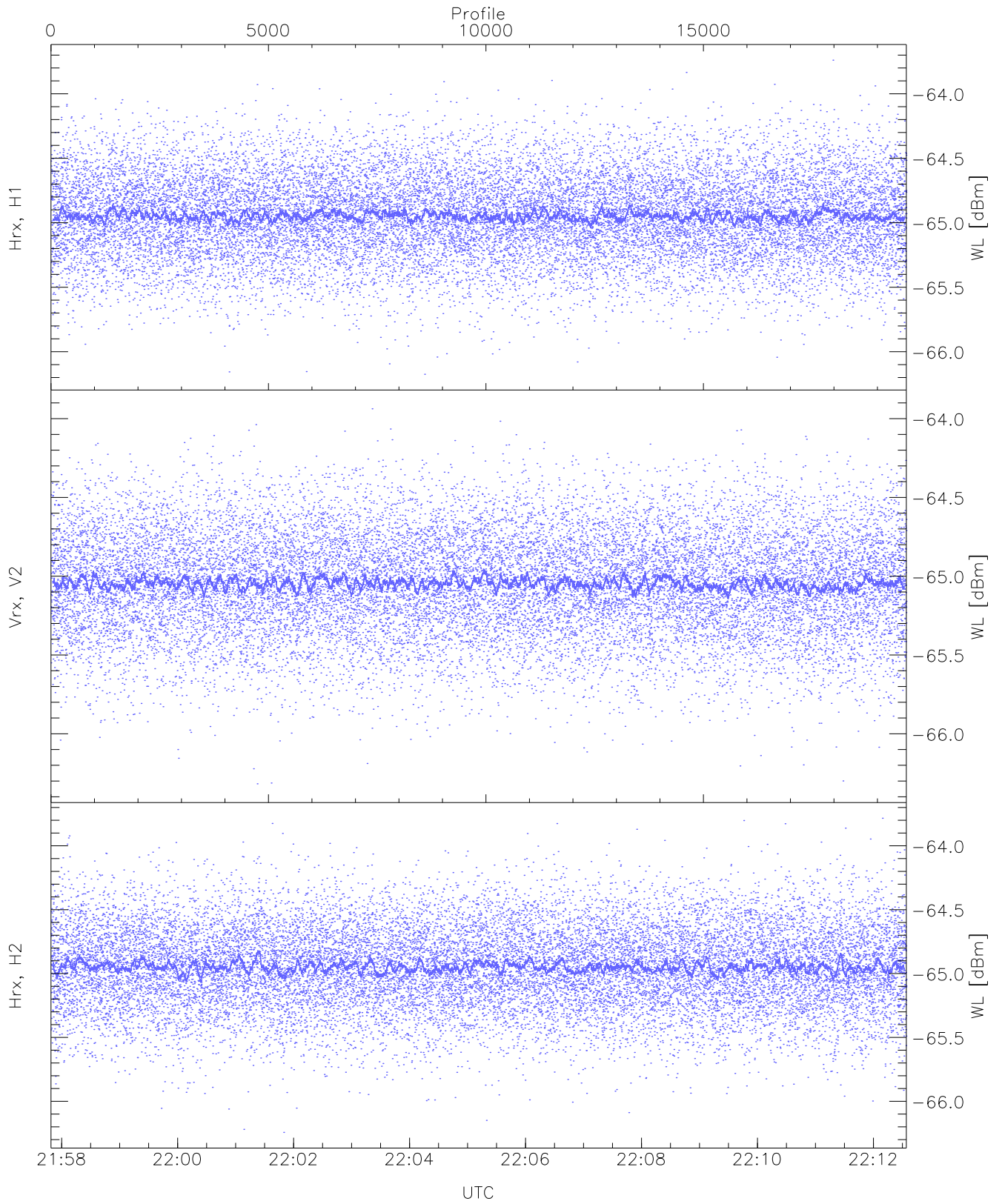
WCR3 CPP Receivers Gain and Noise Figure

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



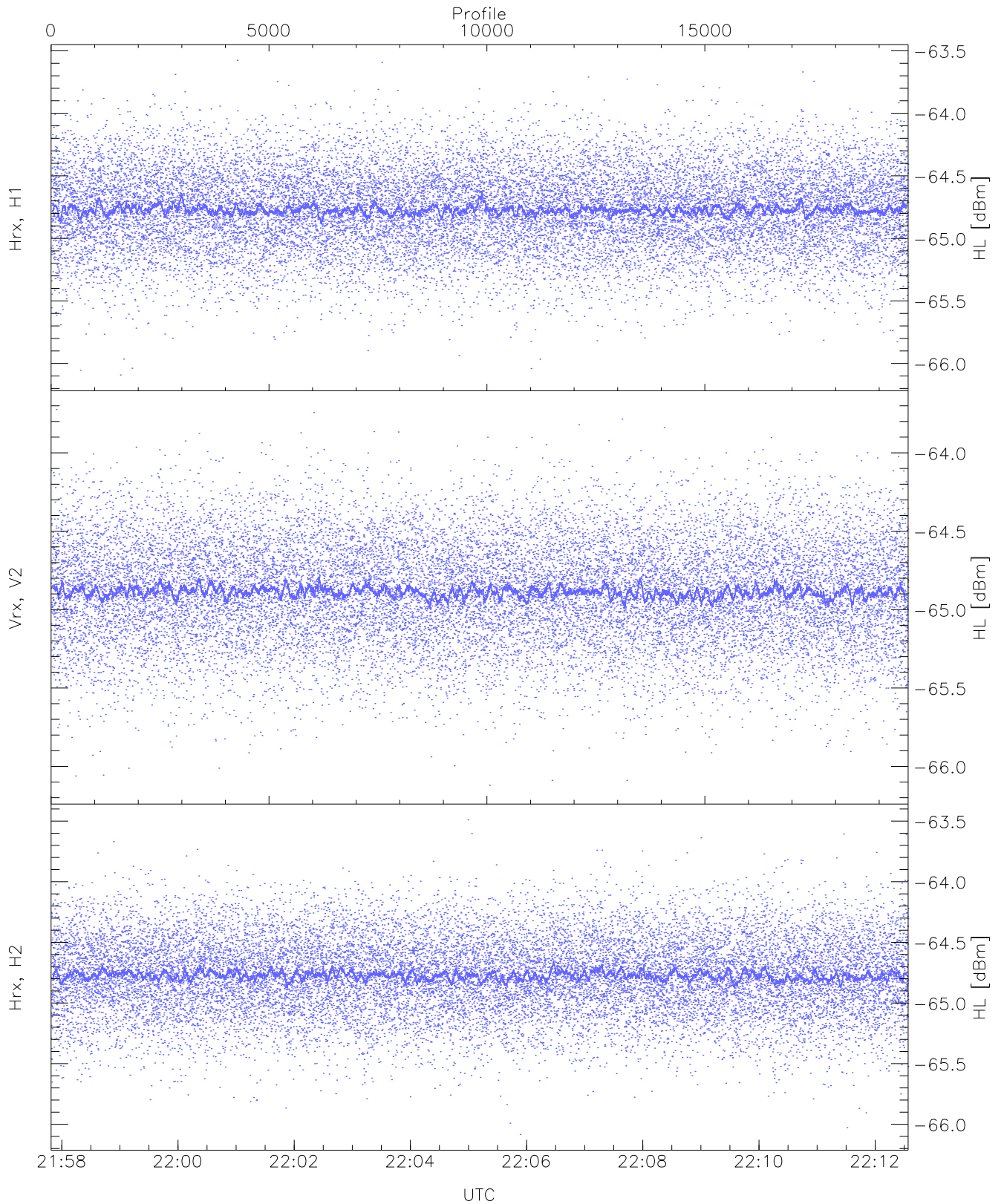
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.52	-65.21	-65.39	-65.39	-86.20
RMPHrxH1(std_dBm)	-76.16	-74.65	-75.40	-75.41	-89.17
RMPVrxV2(mean_dBm)	-65.23	-64.99	-65.10	-65.10	-86.51
RMPVrxV2(std_dBm)	-75.85	-74.31	-75.12	-75.12	-88.89
RMPHrxH2(mean_dBm)	-65.11	-64.86	-64.98	-64.98	-86.39
RMPHrxH2(std_dBm)	-75.81	-74.26	-74.99	-74.99	-88.78



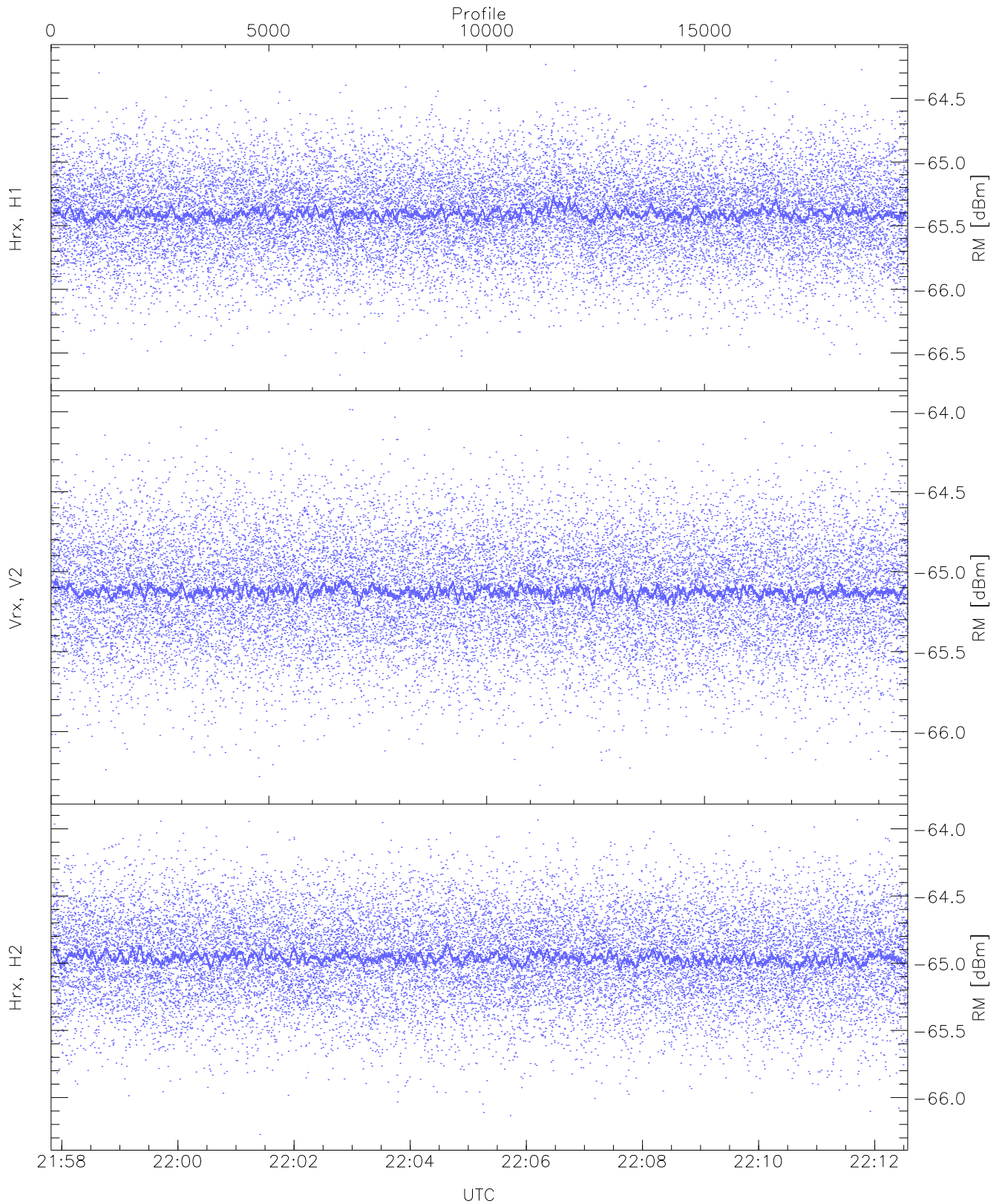
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.18	-63.74	-64.94	-64.95	-76.43
Vrx, V2 (WL [dBm])	-66.32	-63.94	-65.04	-65.04	-76.55
Hrx, H2 (WL [dBm])	-66.24	-63.78	-64.94	-64.95	-76.44



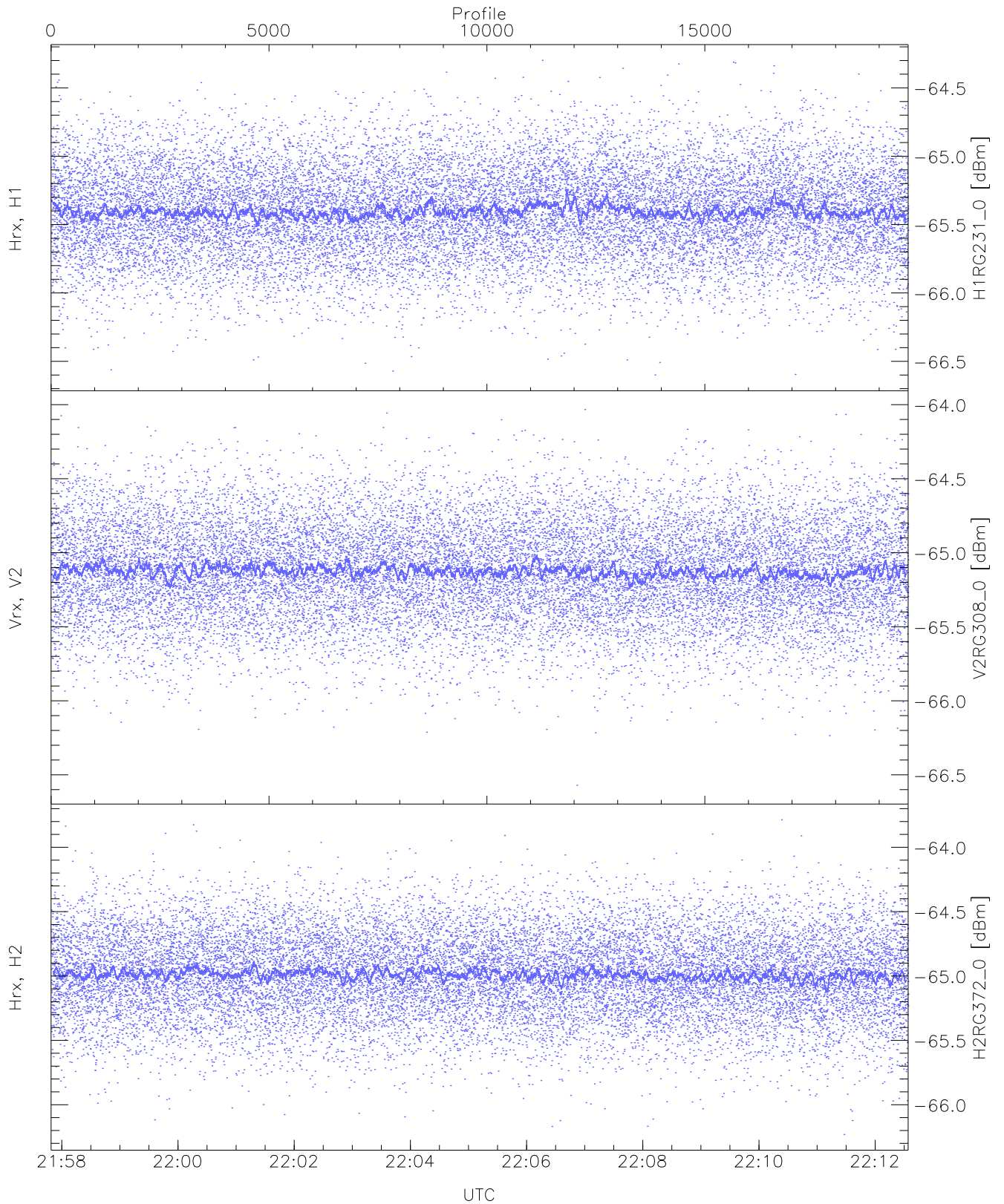
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.09	-63.58	-64.76	-64.77	-76.27
Vrx, V2 (HL [dBm])	-66.12	-63.72	-64.88	-64.89	-76.37
Hrx, H2 (HL [dBm])	-66.08	-63.49	-64.77	-64.78	-76.32



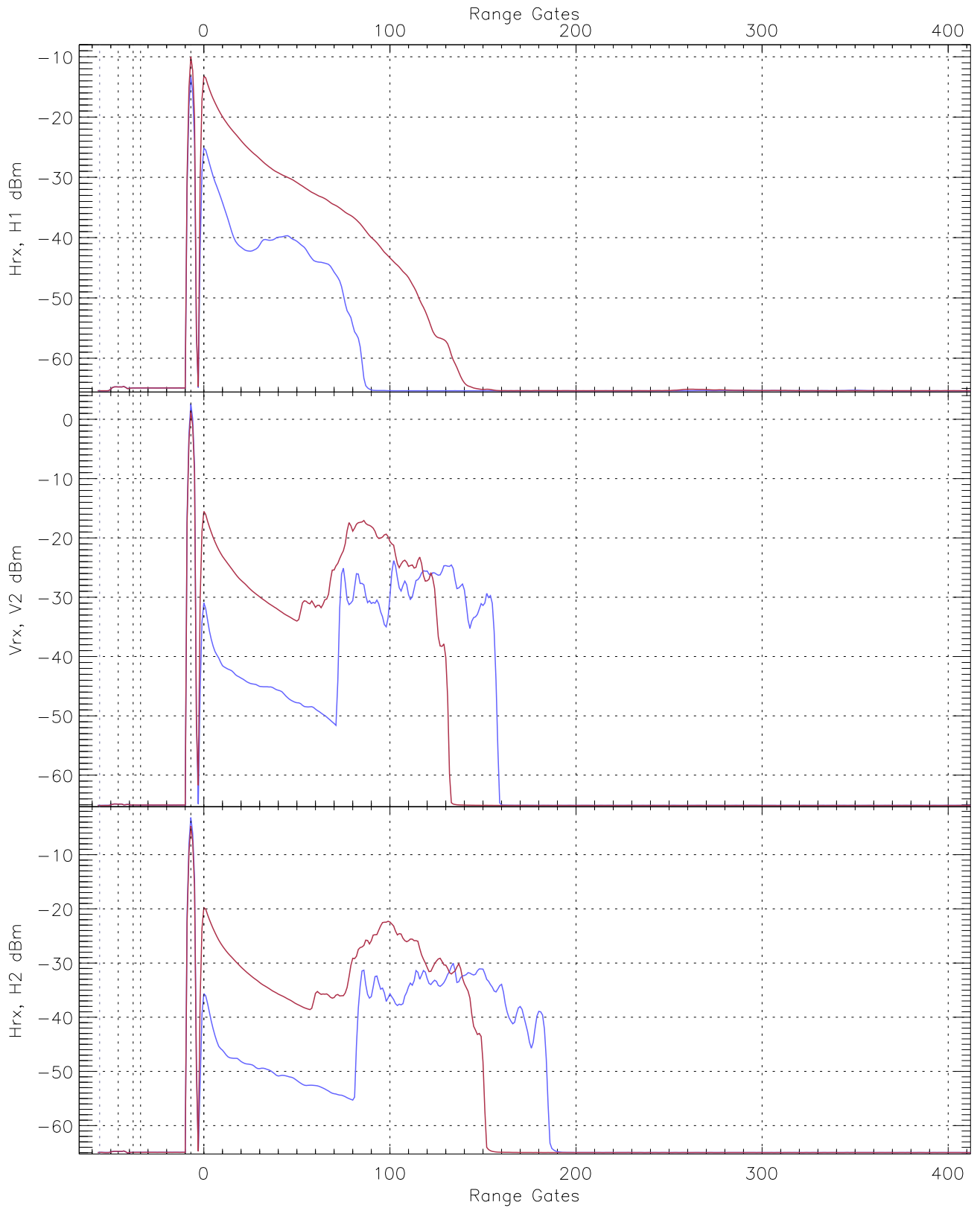
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.67	-64.20	-65.40	-65.40	-76.87
Vrx, V2 (RM [dBm])	-66.34	-63.99	-65.12	-65.12	-76.64
Hrx, H2 (RM [dBm])	-66.27	-63.93	-64.95	-64.96	-76.45

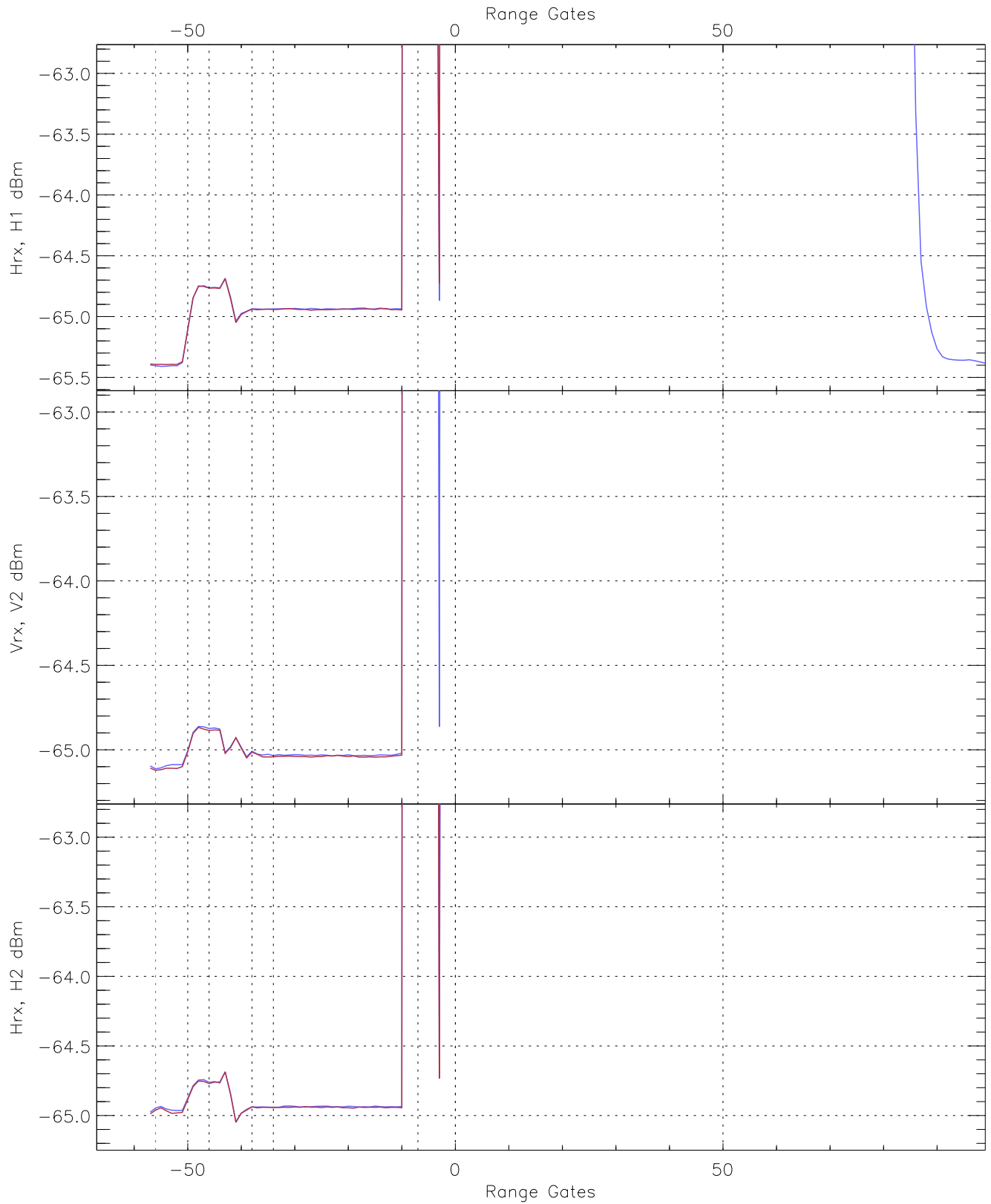


WCR3 CPP "Best" estimate Receivers Noise Power

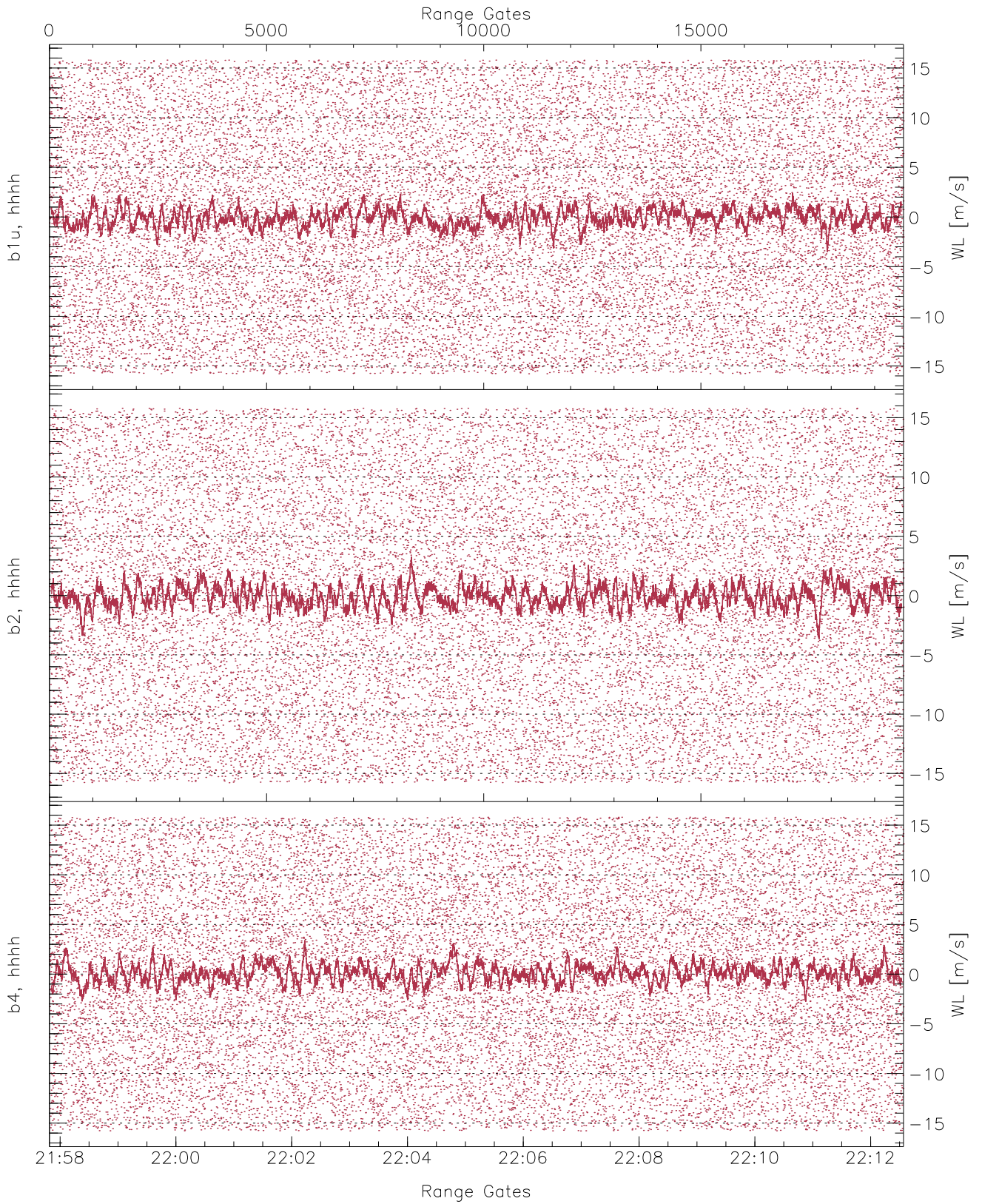
	Min	Max	Mean	Median	StDev
H1RG231_0 [dBm]	-66.60	-64.30	-65.40	-65.41	-76.87
V2RG308_0 [dBm]	-66.57	-64.03	-65.12	-65.13	-76.59
H2RG372_0 [dBm]	-66.23	-63.79	-64.98	-64.99	-76.49



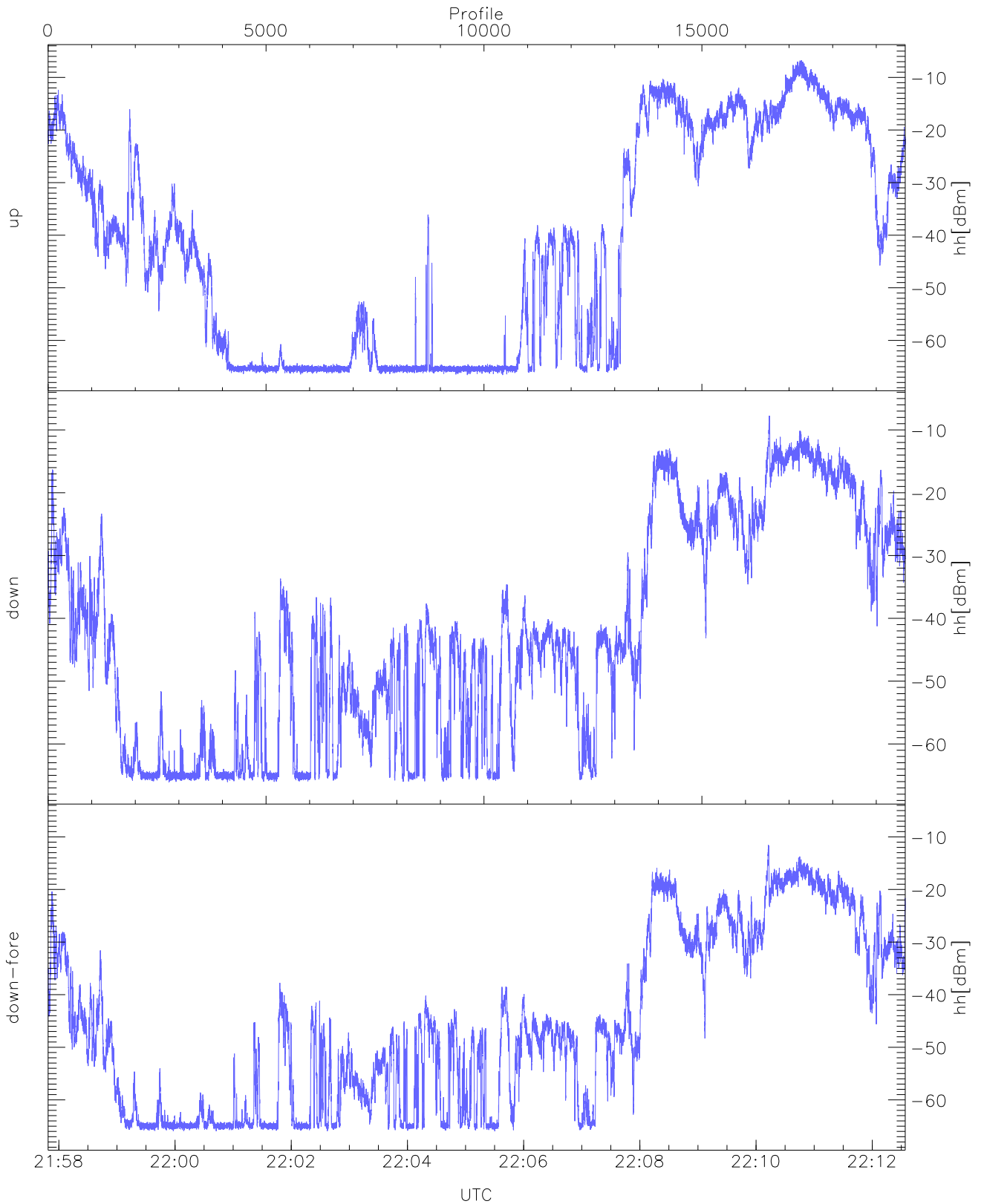
WCR3 CPP Averaged Received power for all recorded gates
blue: 215749-220511, 9834 profiles averaged
red: 220511-221234, 9833 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 215749-220511, 9834 profiles averaged
red: 220511-221234, 9833 profiles averaged

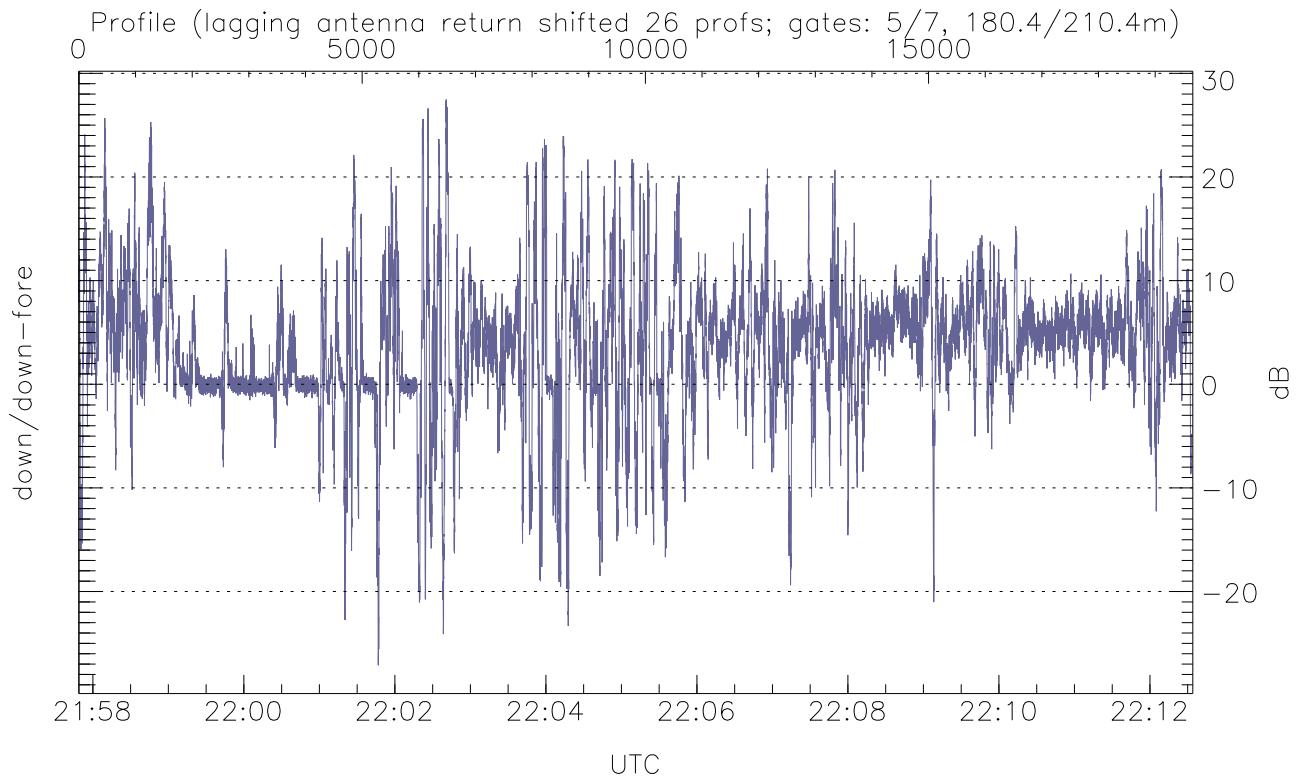
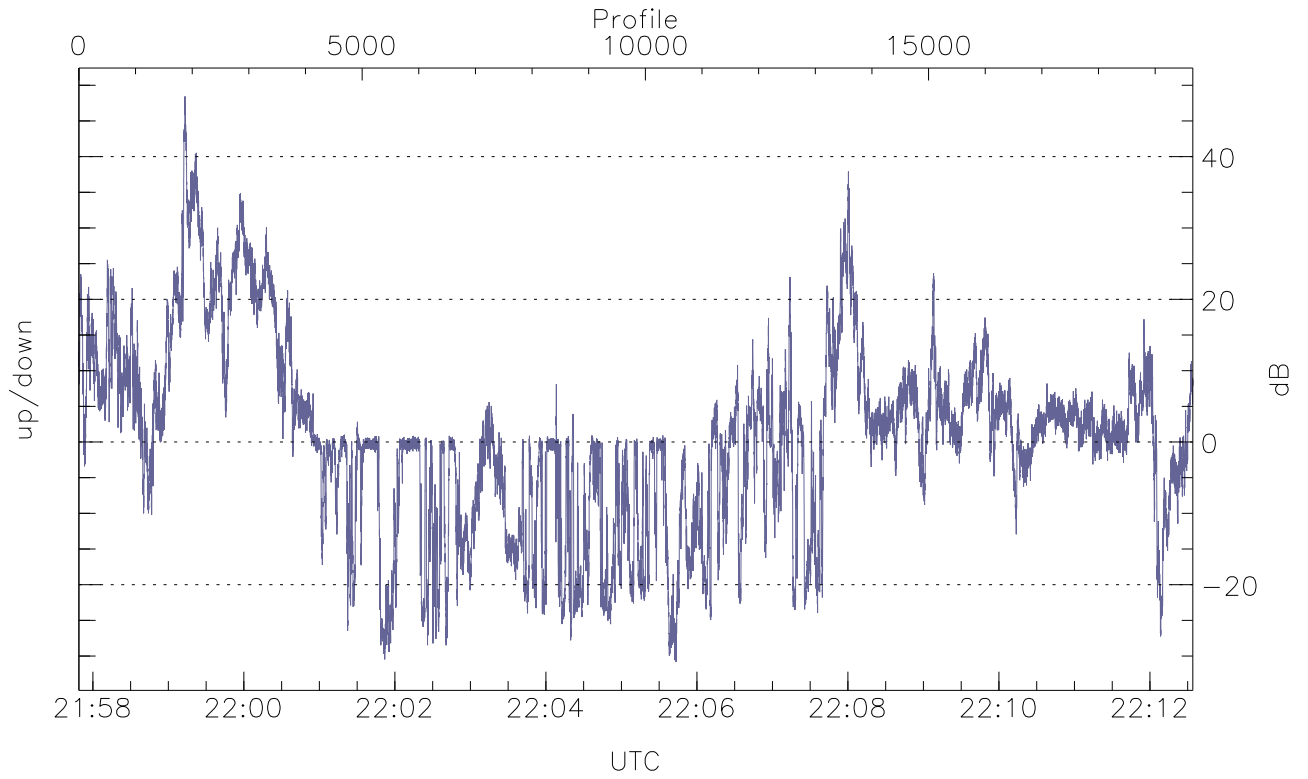


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



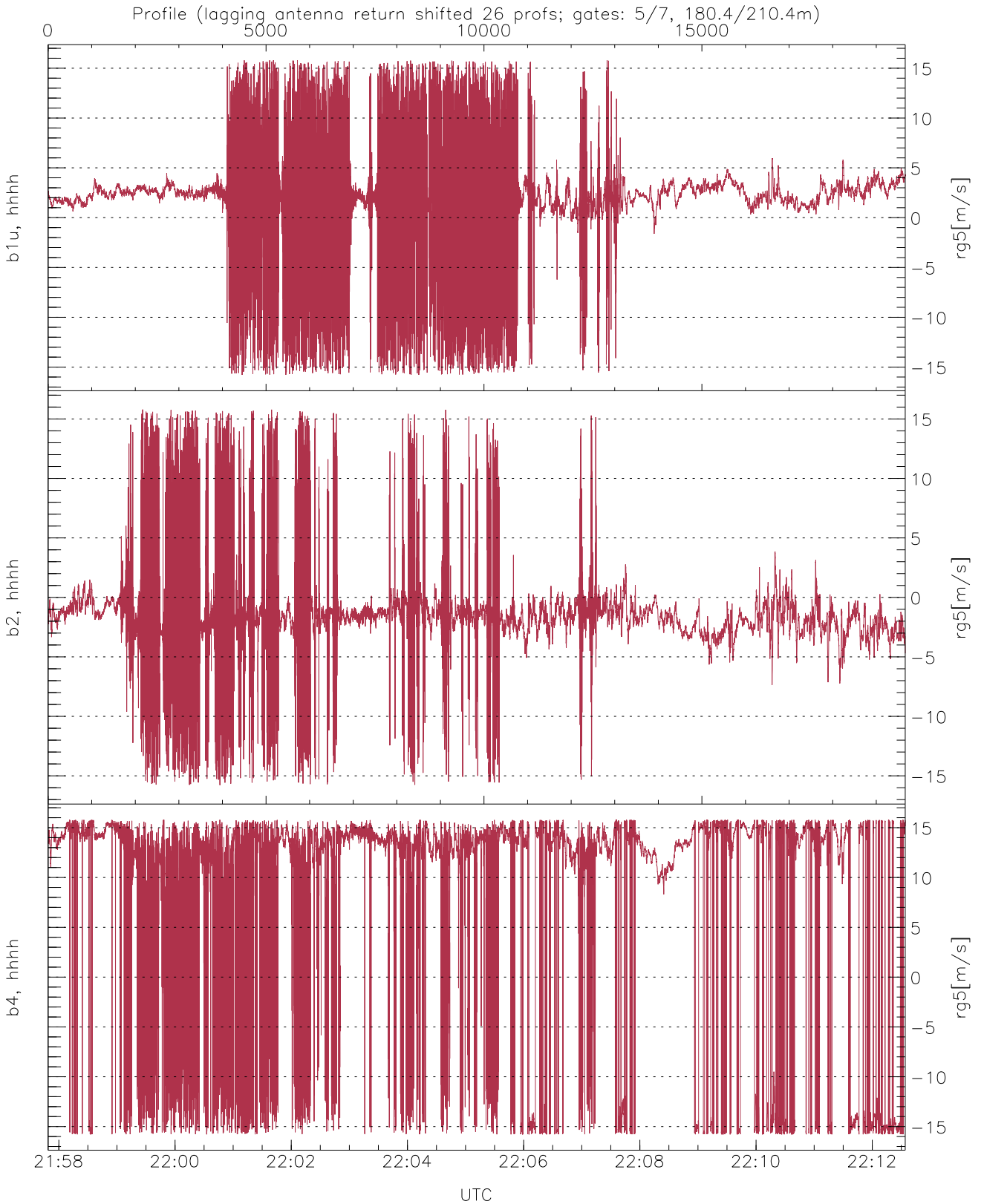
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.58	-6.75	-19.74
down(hh[dBm])	-66.13	-7.74	-22.85
down-fore(hh[dBm])	-65.97	-11.55	-26.59



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

	Min	Max	Mean
up/down (dB)	-30.85	48.46	0.63
down/down-fore (dB)	-27.11	27.47	3.76



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.58	4.96
b2, hhhh(rg5[m/s])	-15.78	15.79	-1.40	3.74
b4, hhhh(rg5[m/s])	-15.79	15.79	7.32	10.95