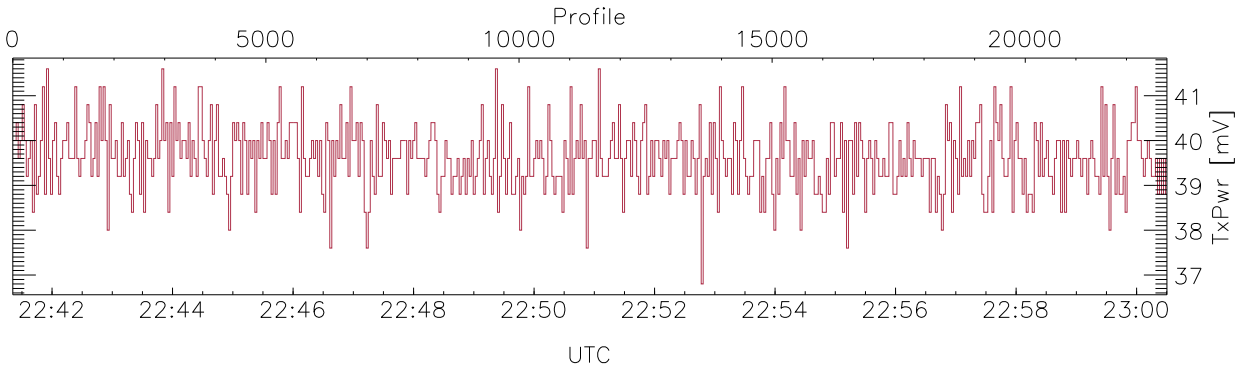
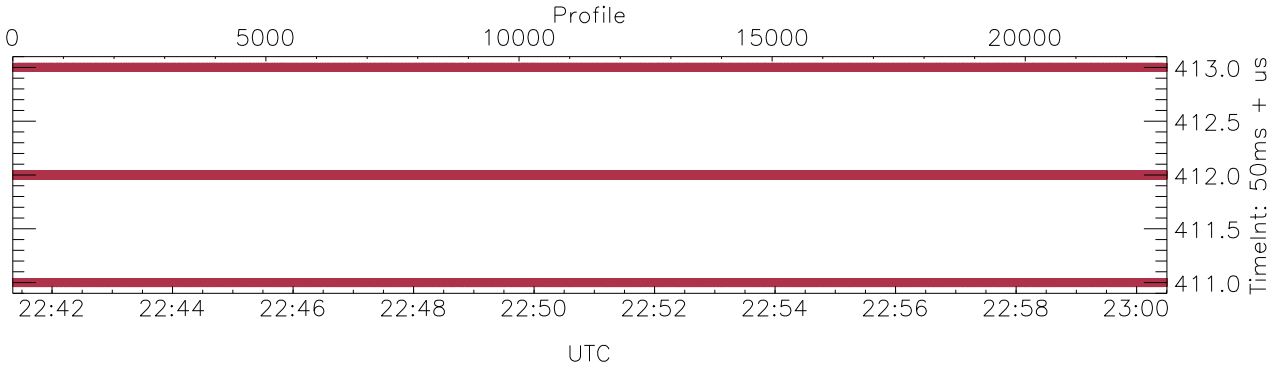
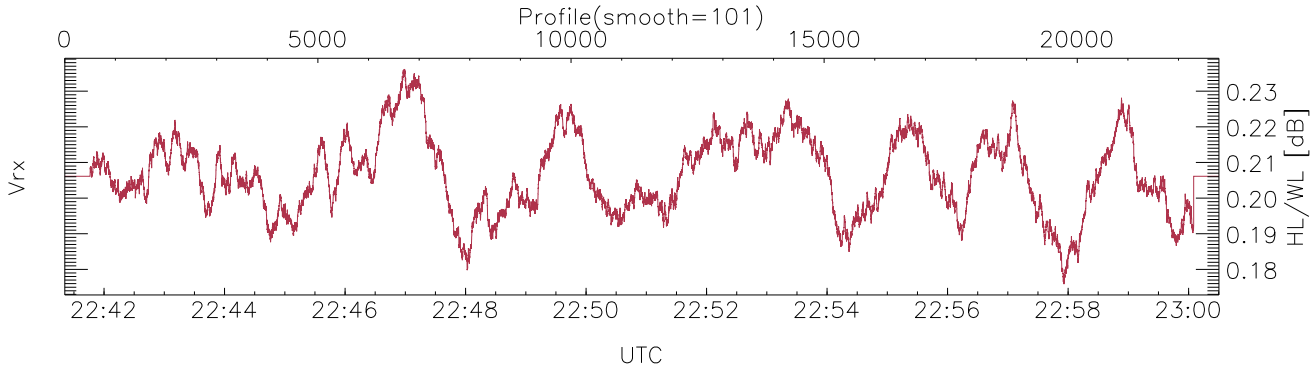
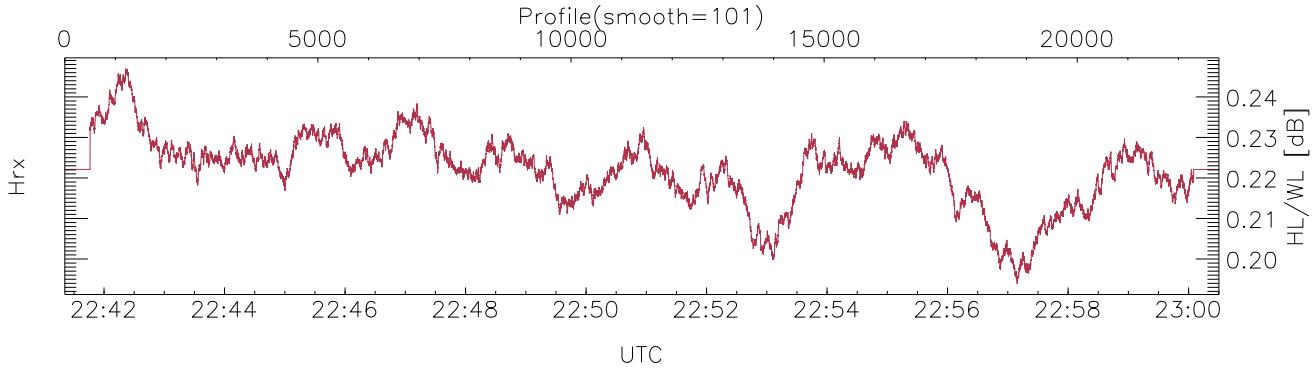


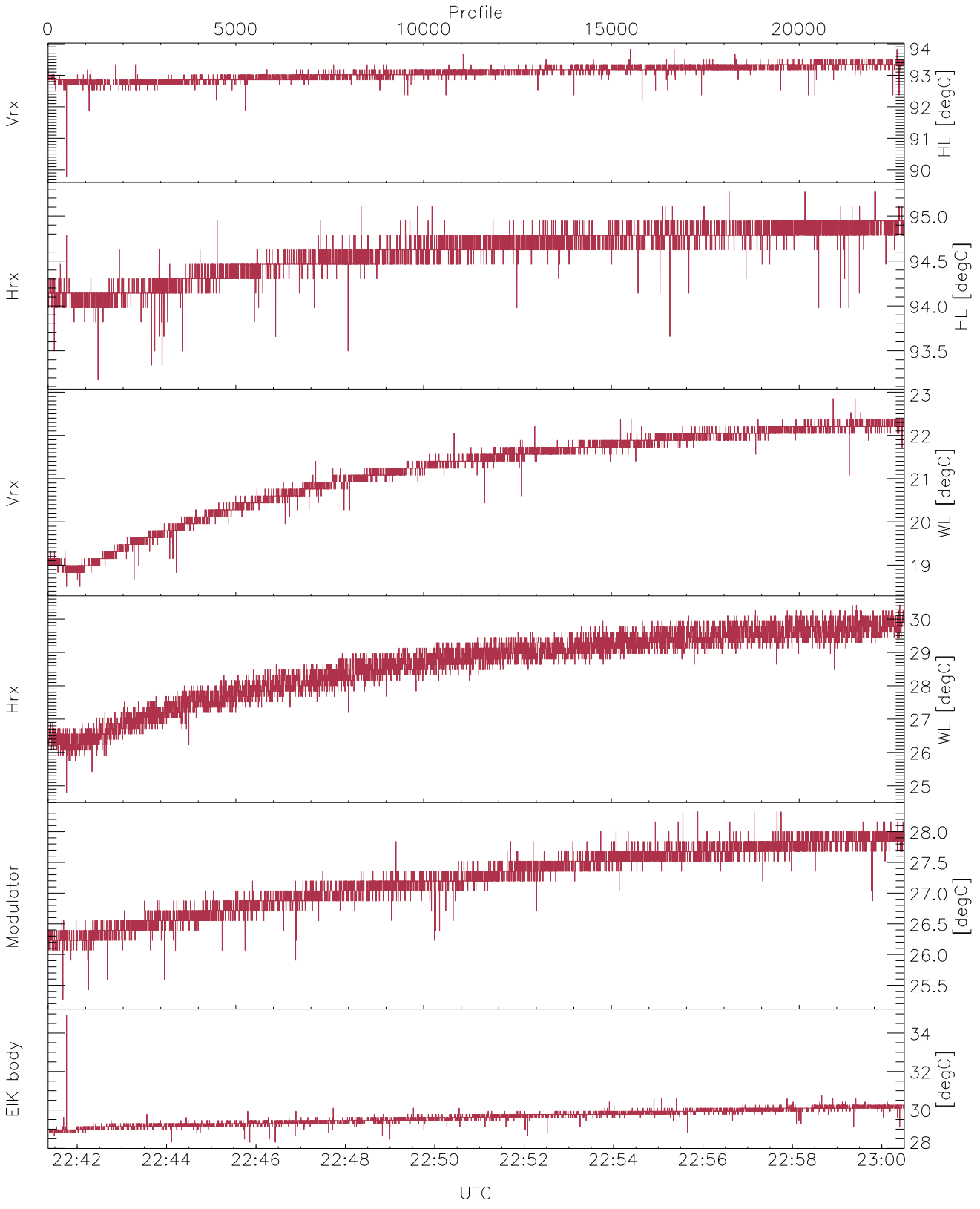






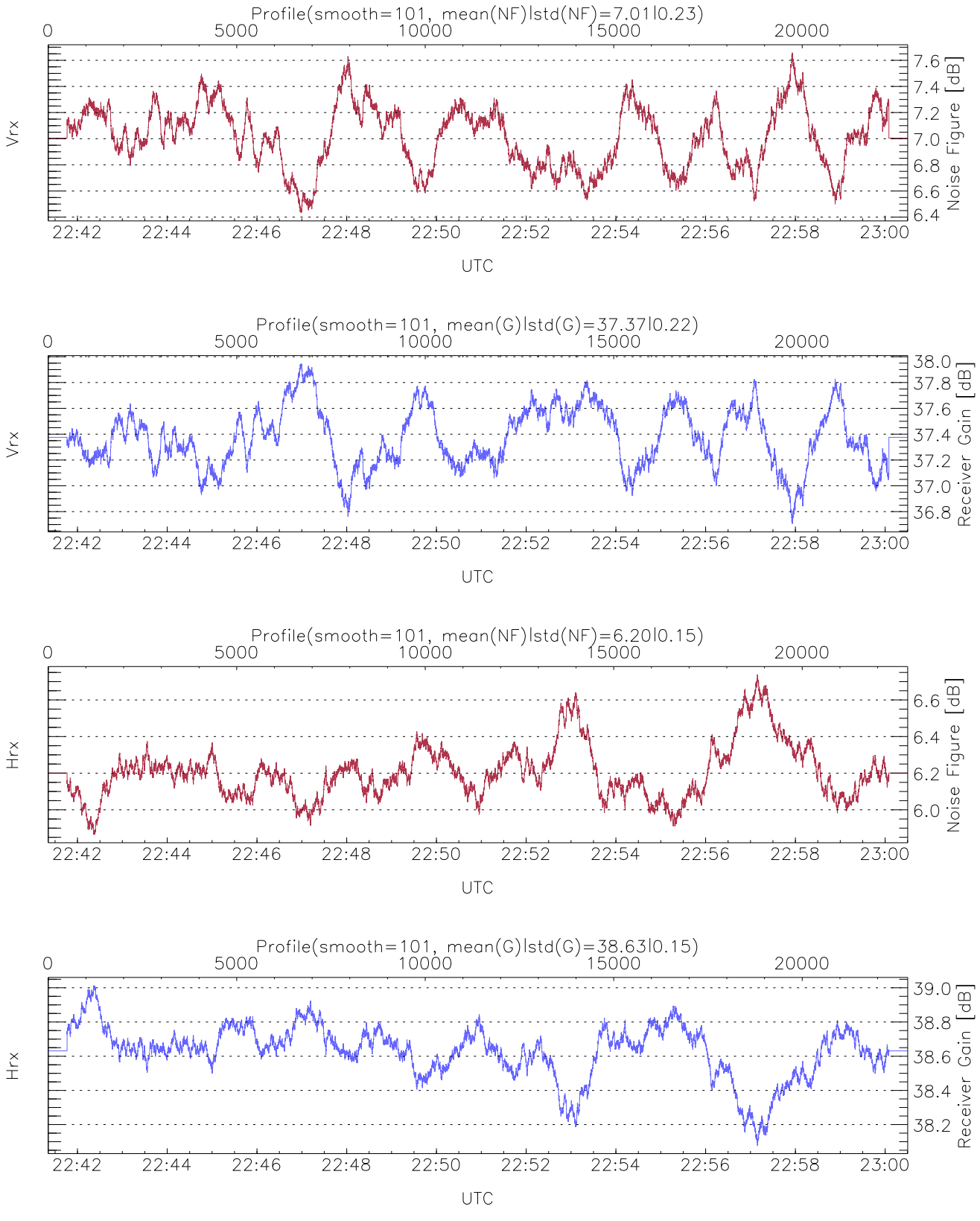
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:41:21-23:11:44, Dur: 1823.17s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 22800/36166, 0-22799/22:41:21-23:00:30
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
Range(min,max,rgs): 105,5271,15.0 m, Gates: 345, Aspect: 3.3
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1



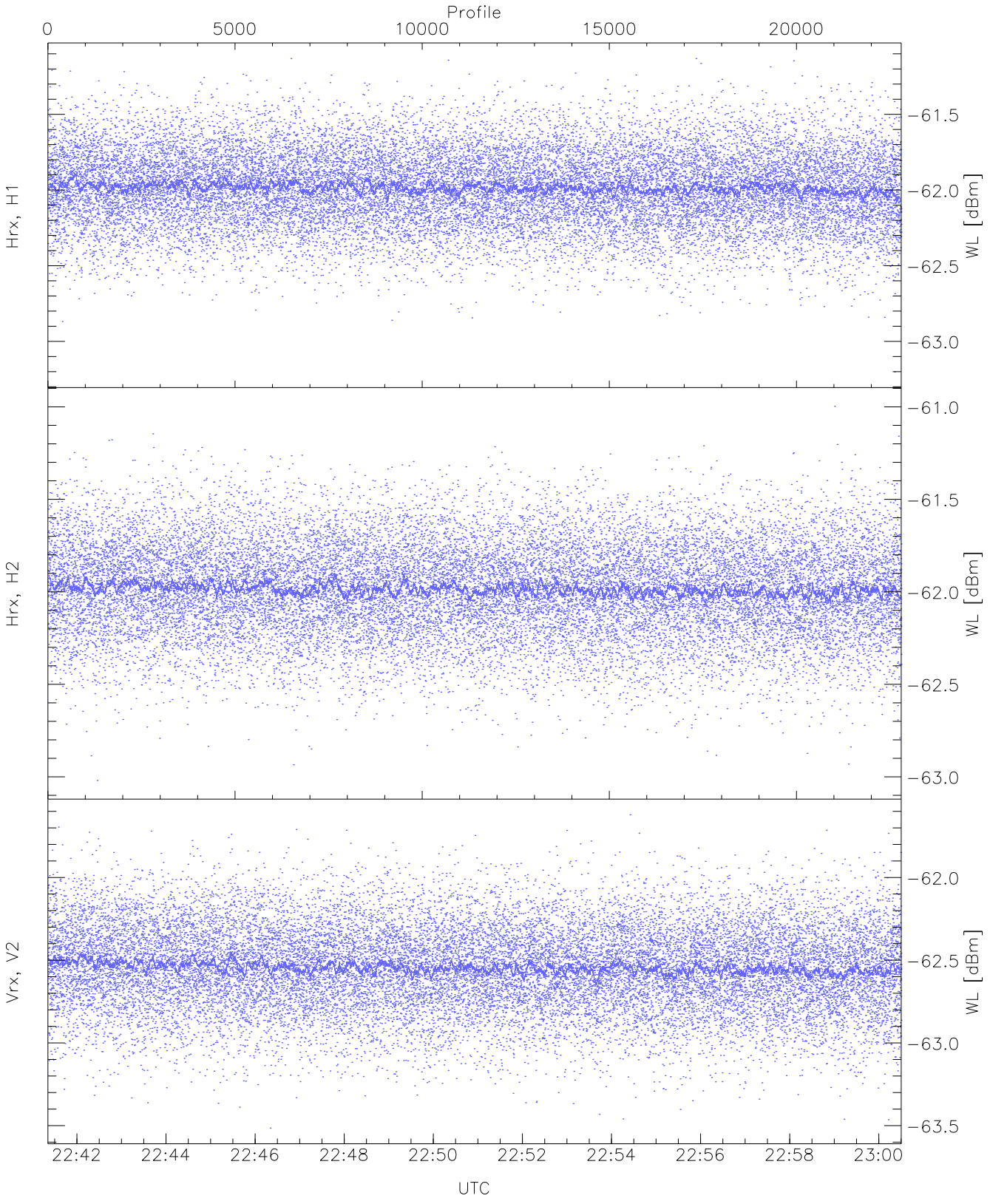
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,93,18,24,25,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,30,28,34
LOalarm(20,80,240,2.8,14.8 MHz): 10,0,0,0,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (10,10,10,10,10,11)



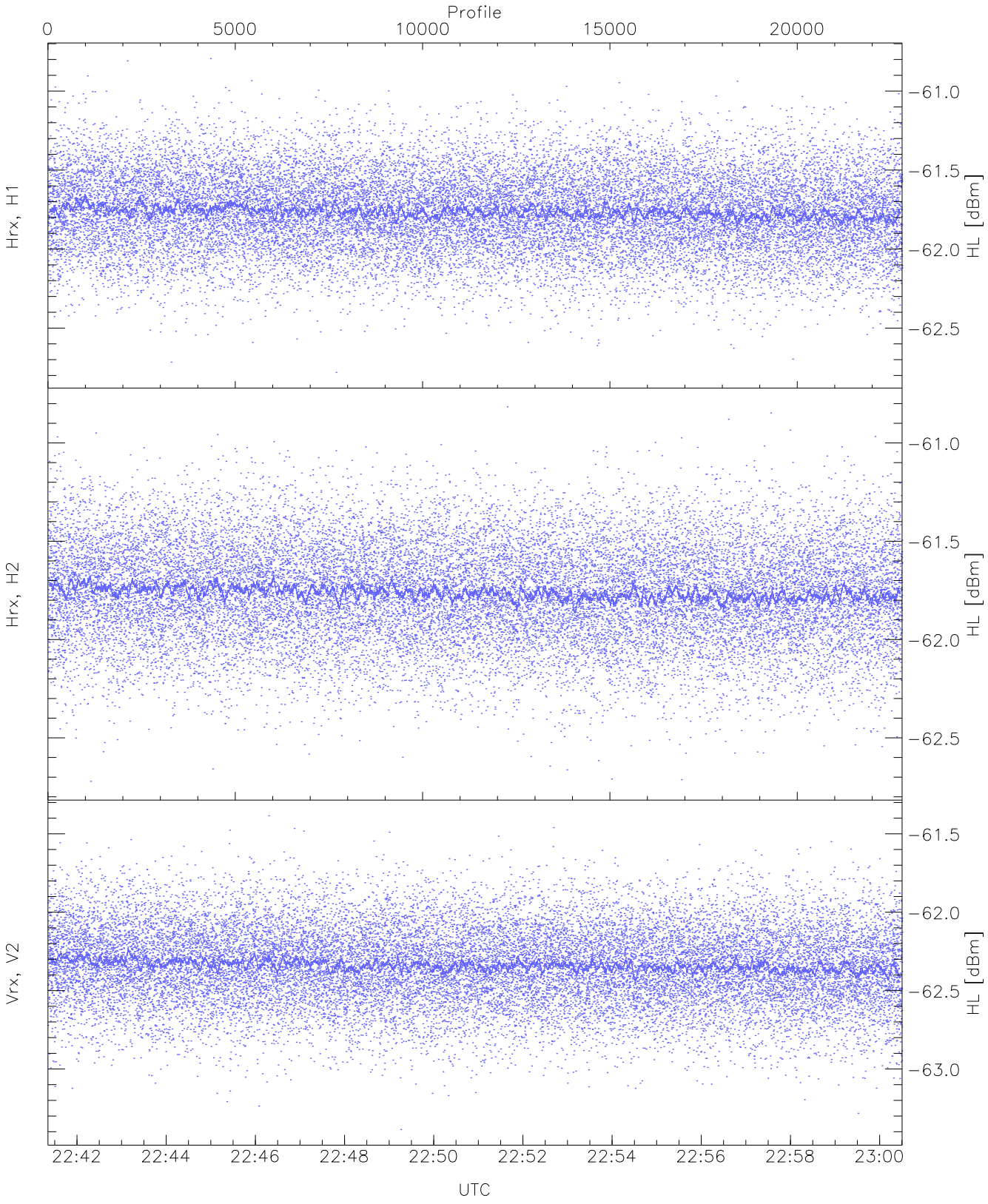
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1300 pixs, 8 gates, 1293 profs, 1 prods



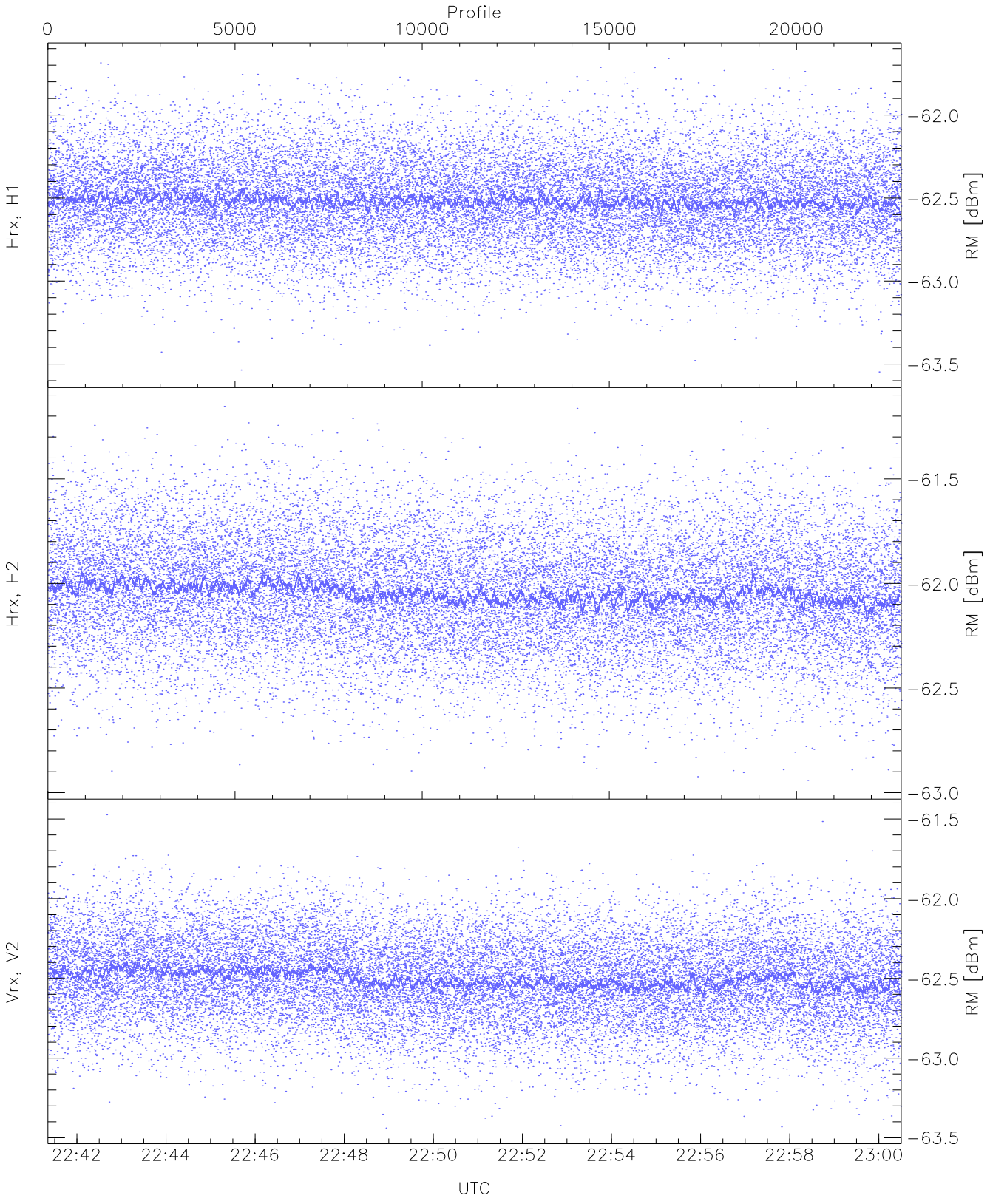
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.20	-61.13	-61.98	-61.98	-74.54
Hrx, H2(WL [dBm])	-63.02	-61.00	-61.98	-61.99	-74.54
Vrx, V2(WL [dBm])	-63.52	-61.62	-62.54	-62.55	-75.04



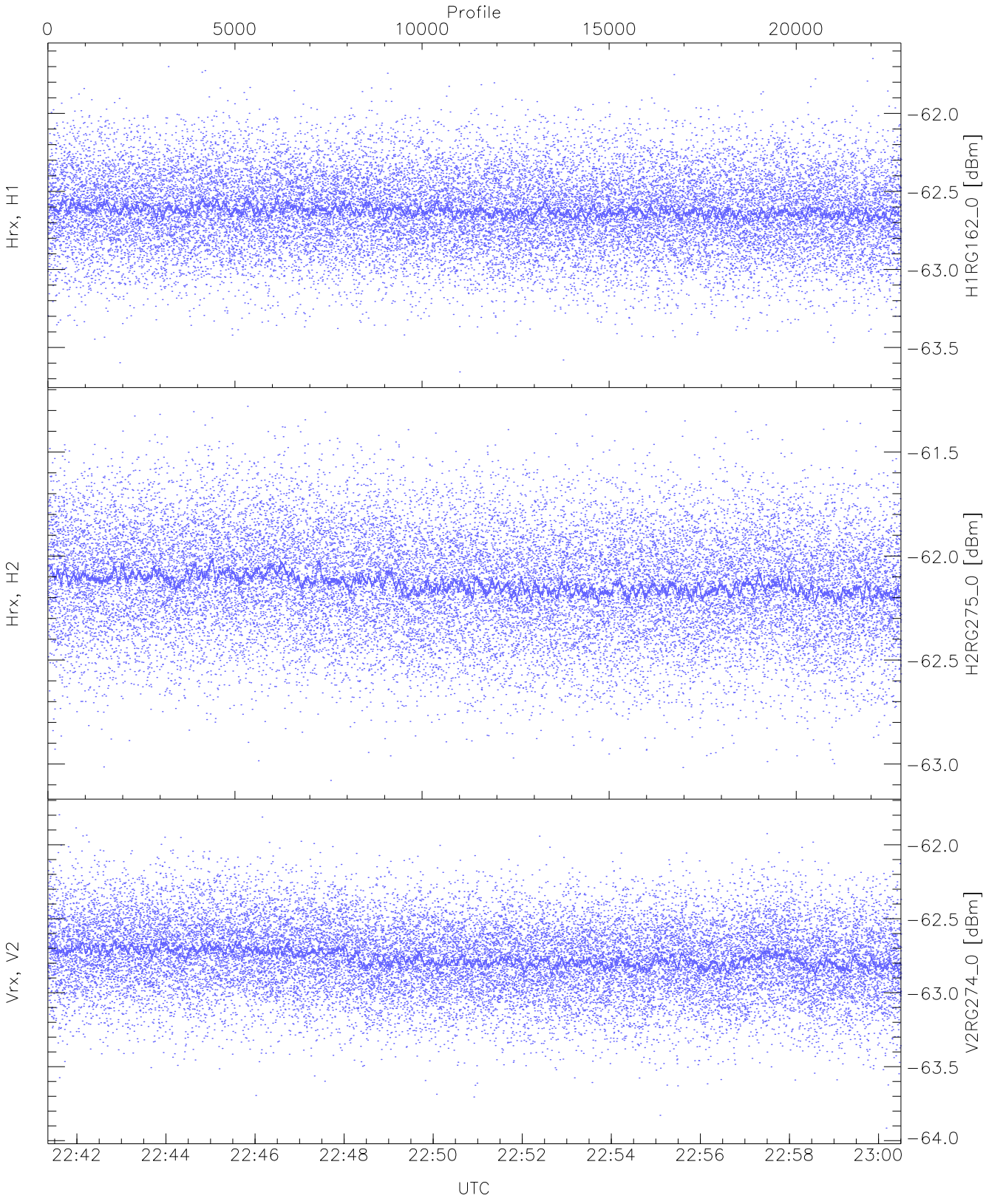
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.78	-60.79	-61.76	-61.77	-74.33
Hrx, H2(HL [dBm])	-62.72	-60.82	-61.76	-61.76	-74.30
Vrx, V2(HL [dBm])	-63.39	-61.38	-62.34	-62.34	-74.90



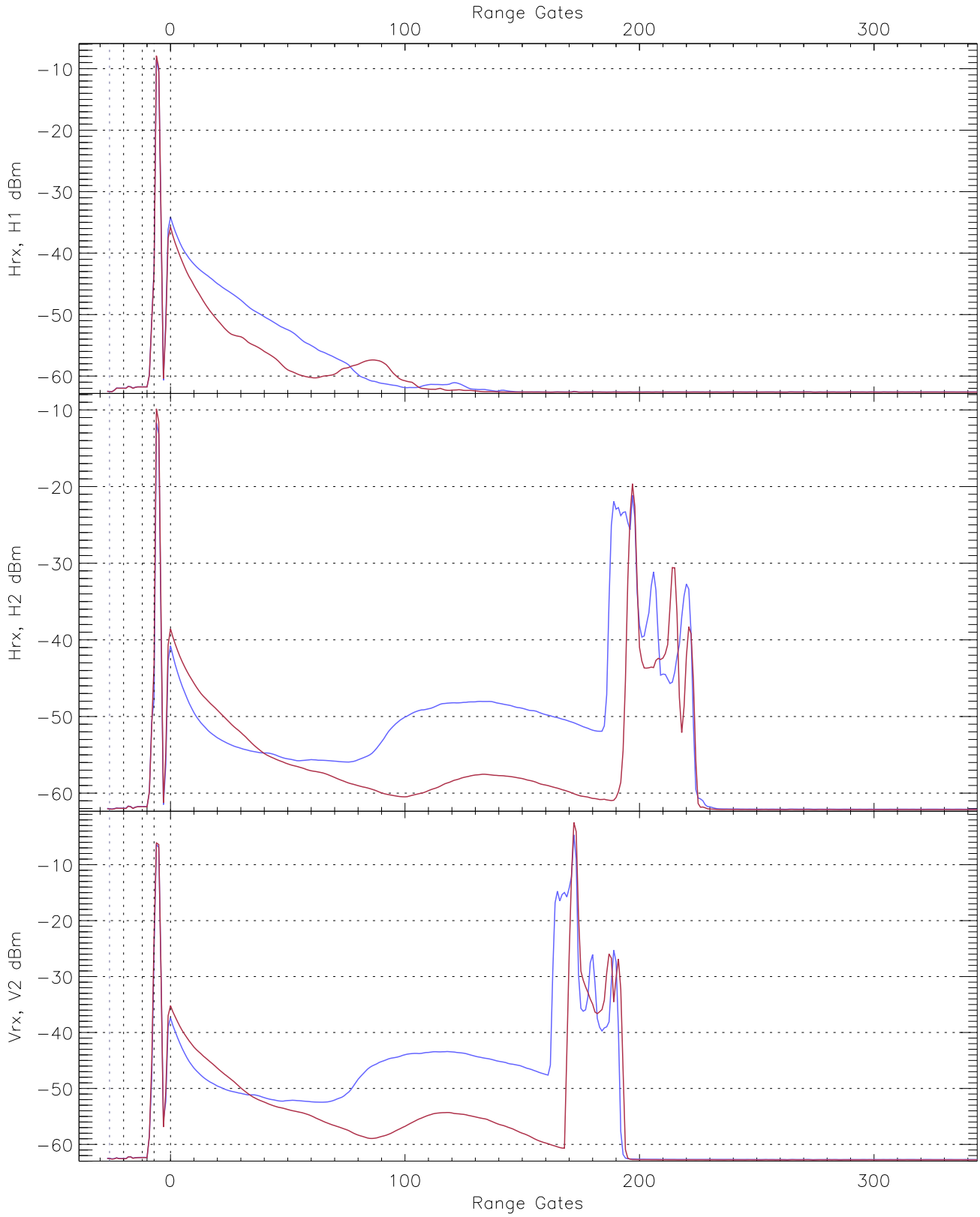
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.55	-61.66	-62.52	-62.52	-75.08
Hrx, H2(RM [dBm])	-62.94	-61.15	-62.04	-62.05	-74.59
Vrx, V2(RM [dBm])	-63.44	-61.47	-62.50	-62.50	-75.04

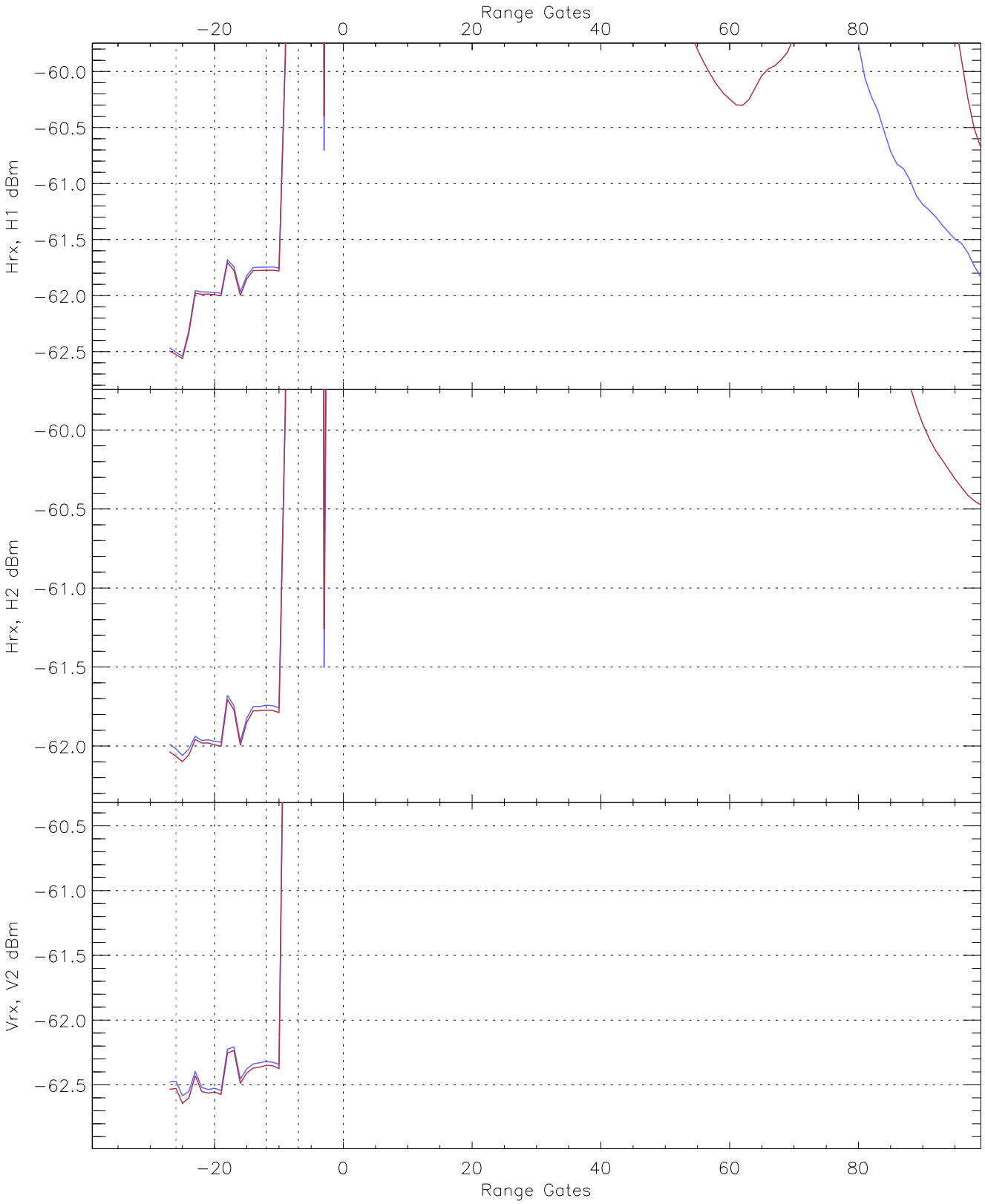


WCR2 CPP "Best" estimate Receivers Noise Power

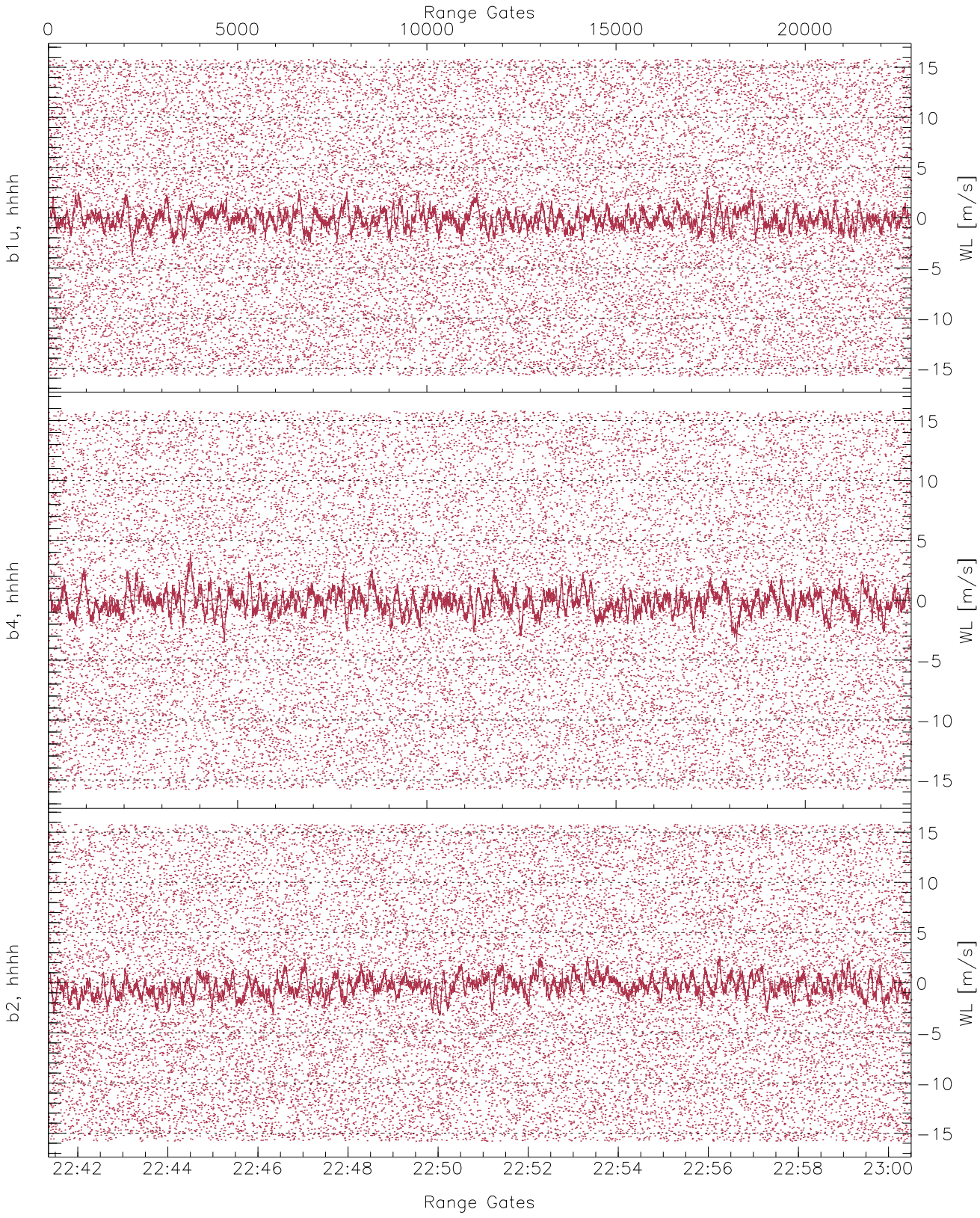
	Min	Max	Mean	Median	StDev
H1RG162_0 [dBm]	-63.66	-61.65	-62.62	-62.63	-75.14
H2RG275_0 [dBm]	-63.08	-61.28	-62.13	-62.13	-74.63
V2RG274_0 [dBm]	-63.92	-61.80	-62.76	-62.76	-75.24



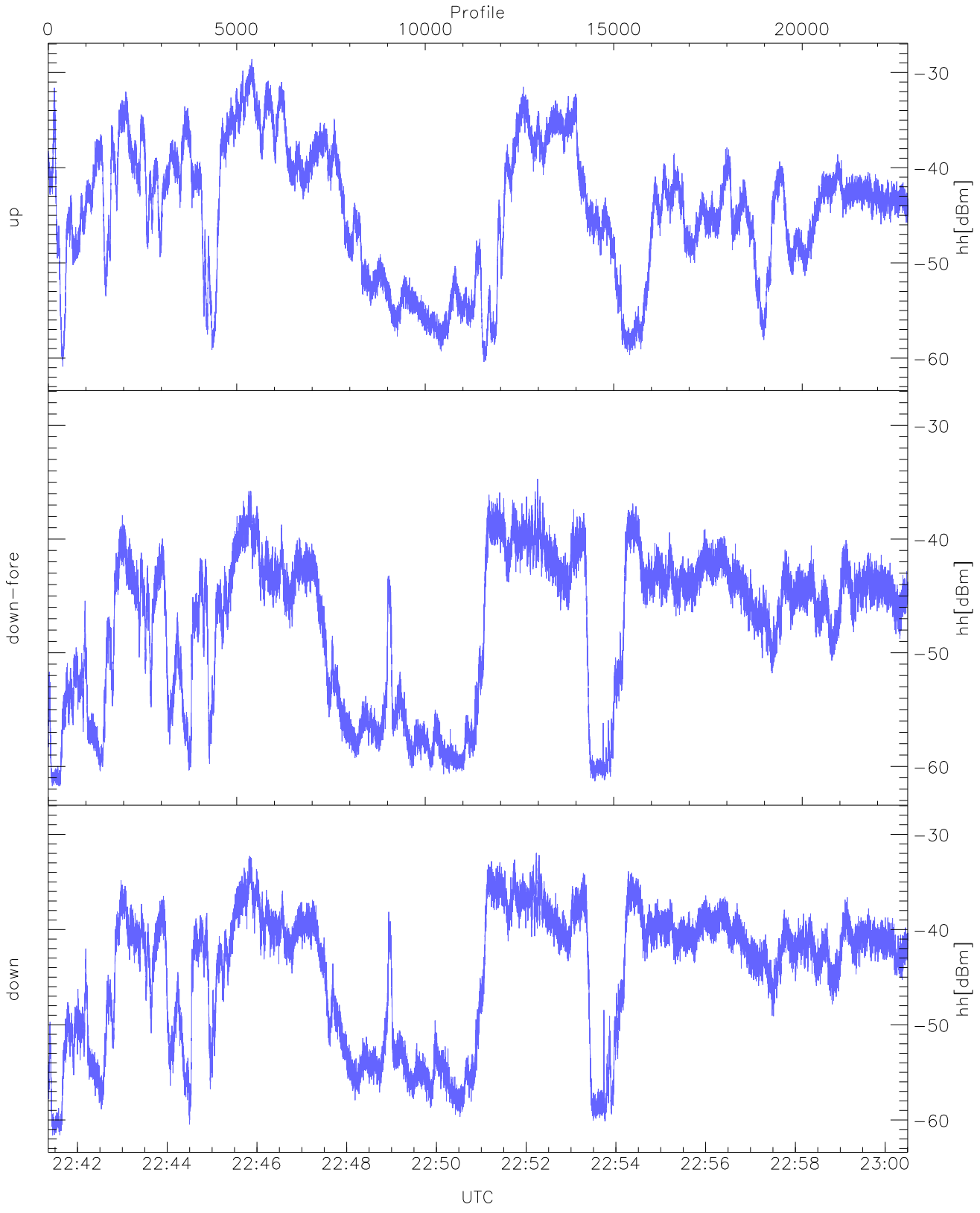
WCR2 CPP Averaged Received power for all recorded gates
blue: 224121-225056, 11401 profiles averaged
red: 225056-230030, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 224121-225056, 11401 profiles averaged
red: 225056-230030, 11400 profiles averaged

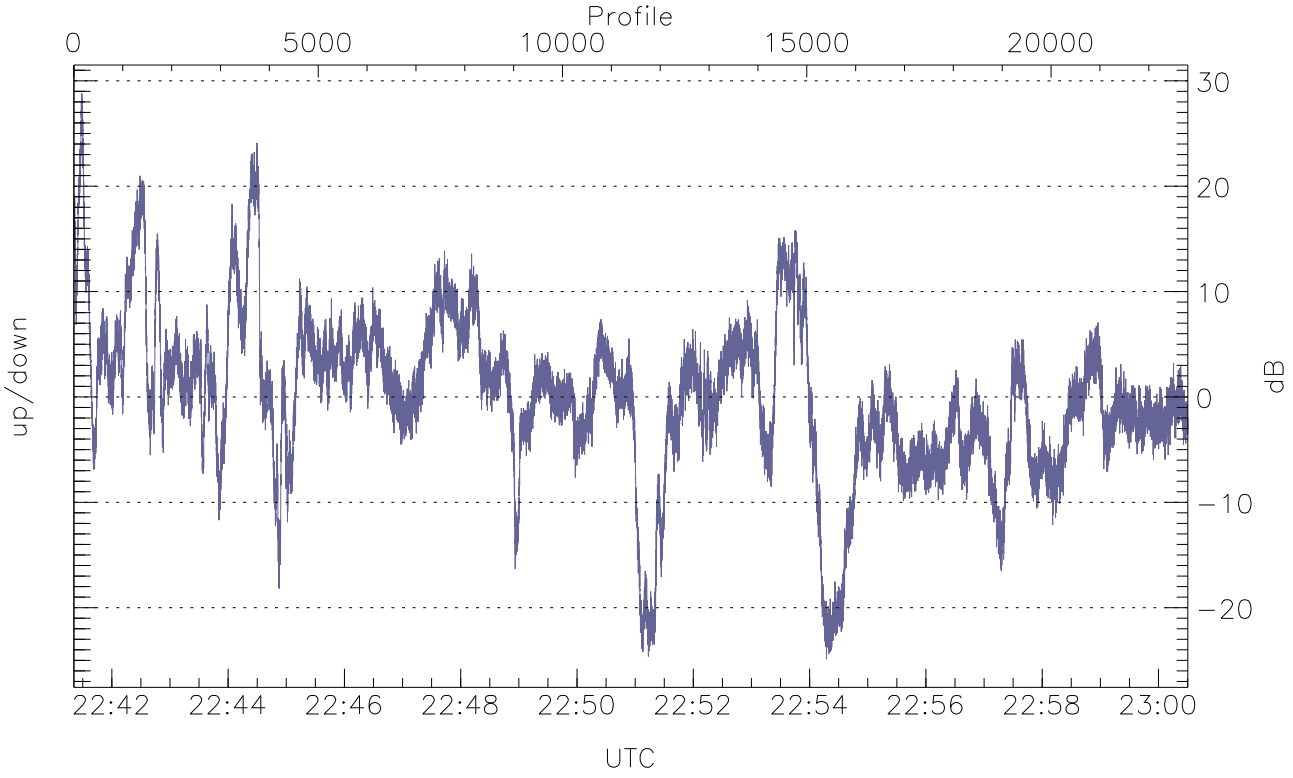


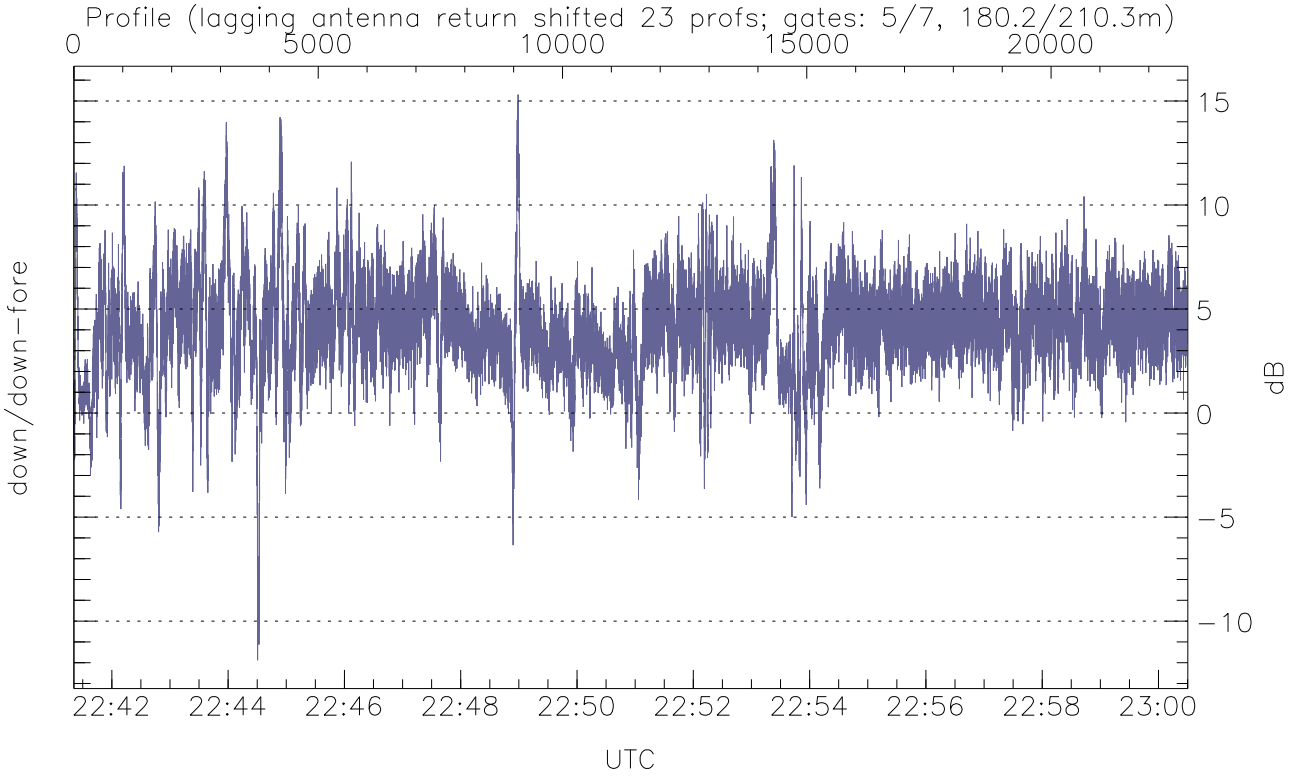
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

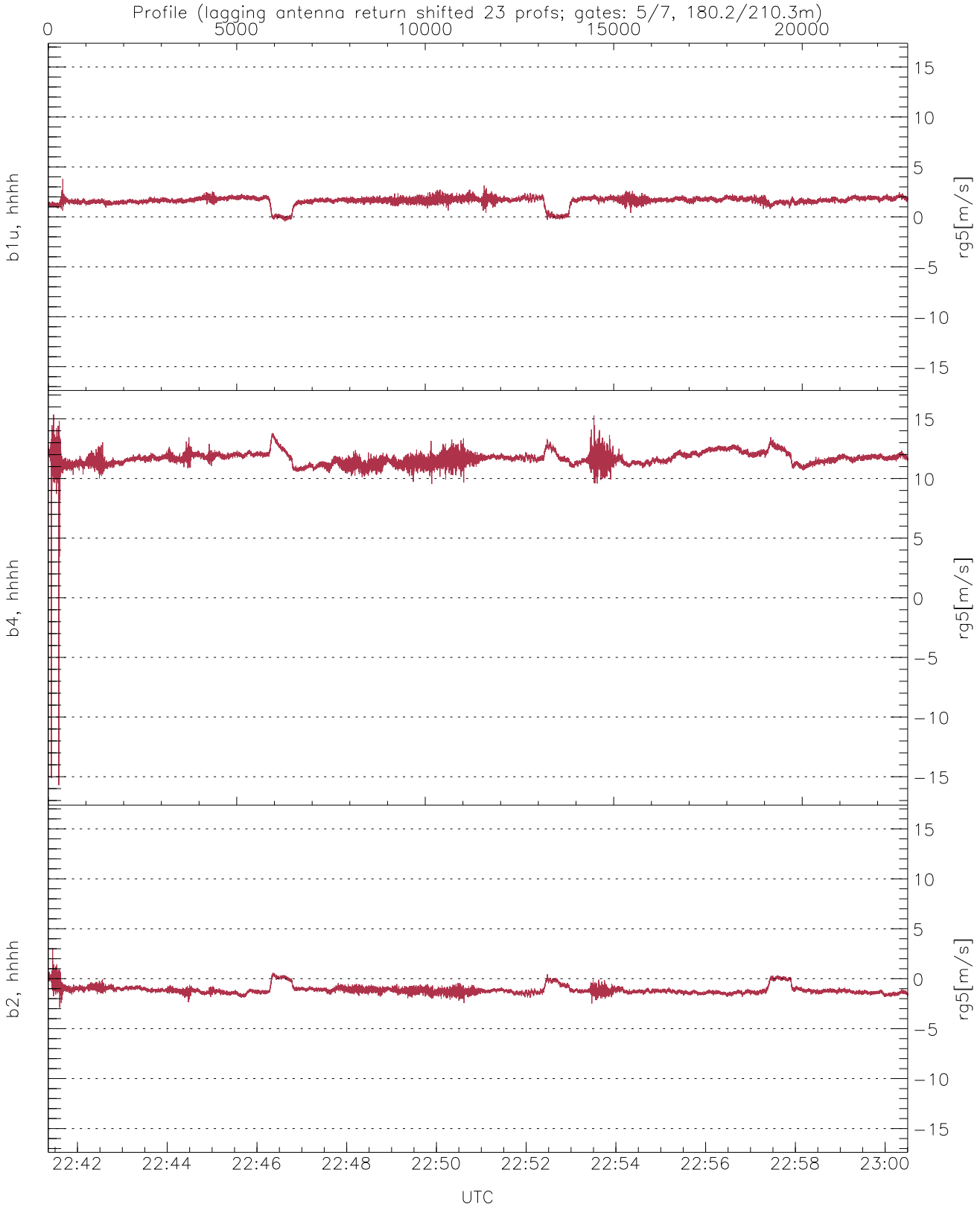
	Min	Max	Mean
up(hh[dBm])	-60.89	-28.59	-40.08
down-fore(hh[dBm])	-61.74	-34.71	-44.16
down(hh[dBm])	-61.60	-31.96	-40.96





WCR2 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down(dB)	-24.88	28.81	0.05
down/down-fore(dB)	-11.88	15.31	4.13



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.47	3.79	1.60	0.43
b4, hhhh(rg5[m/s])	-15.71	15.37	11.68	0.61
b2, hhhh(rg5[m/s])	-2.91	3.07	-1.12	0.41