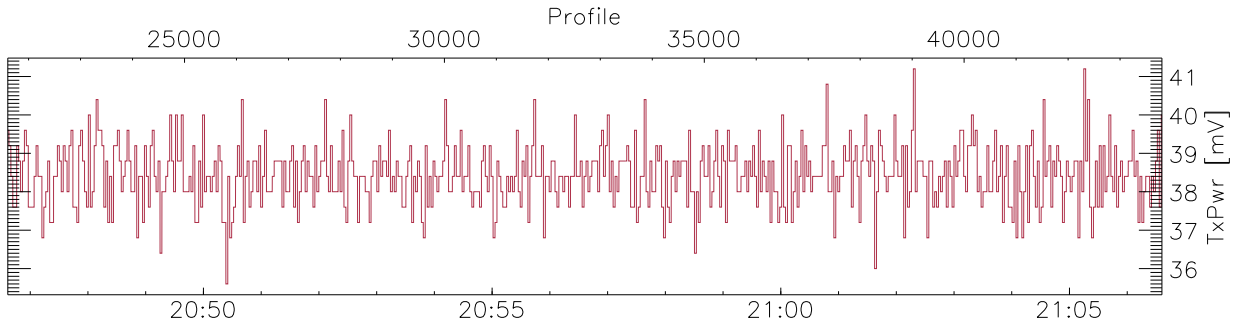
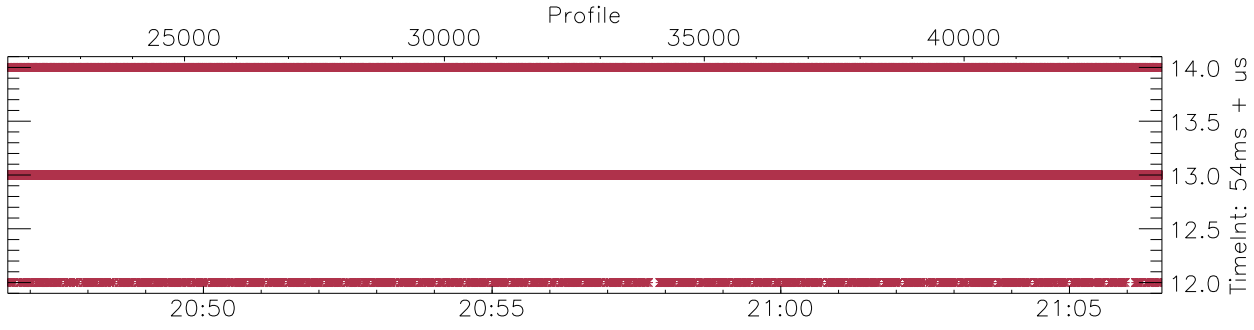
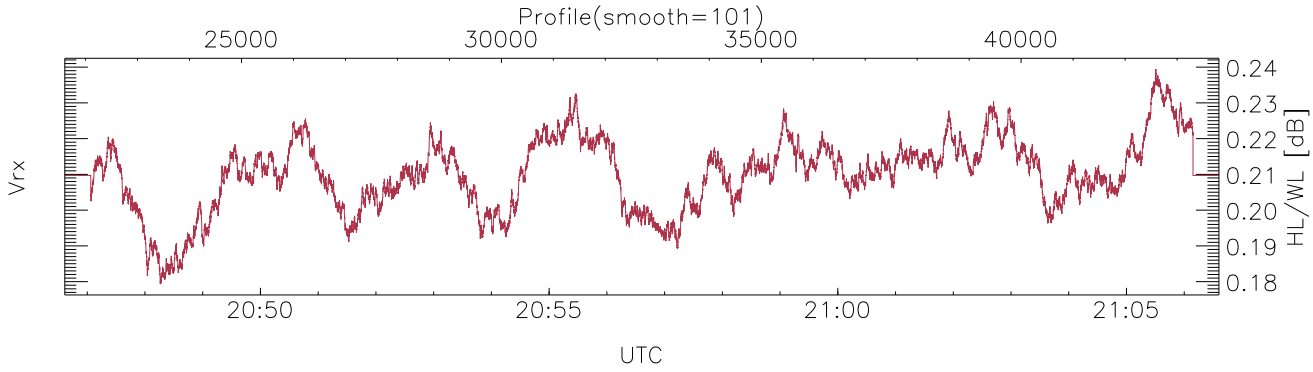
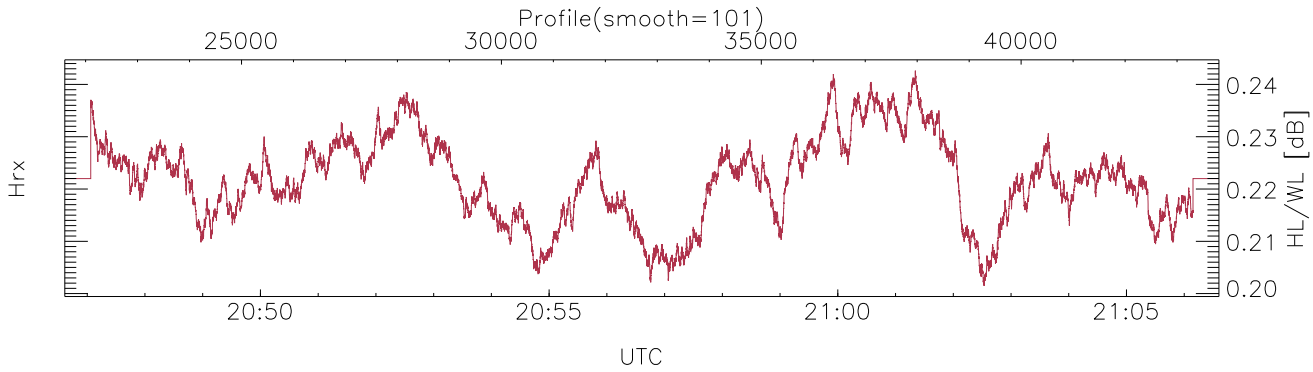


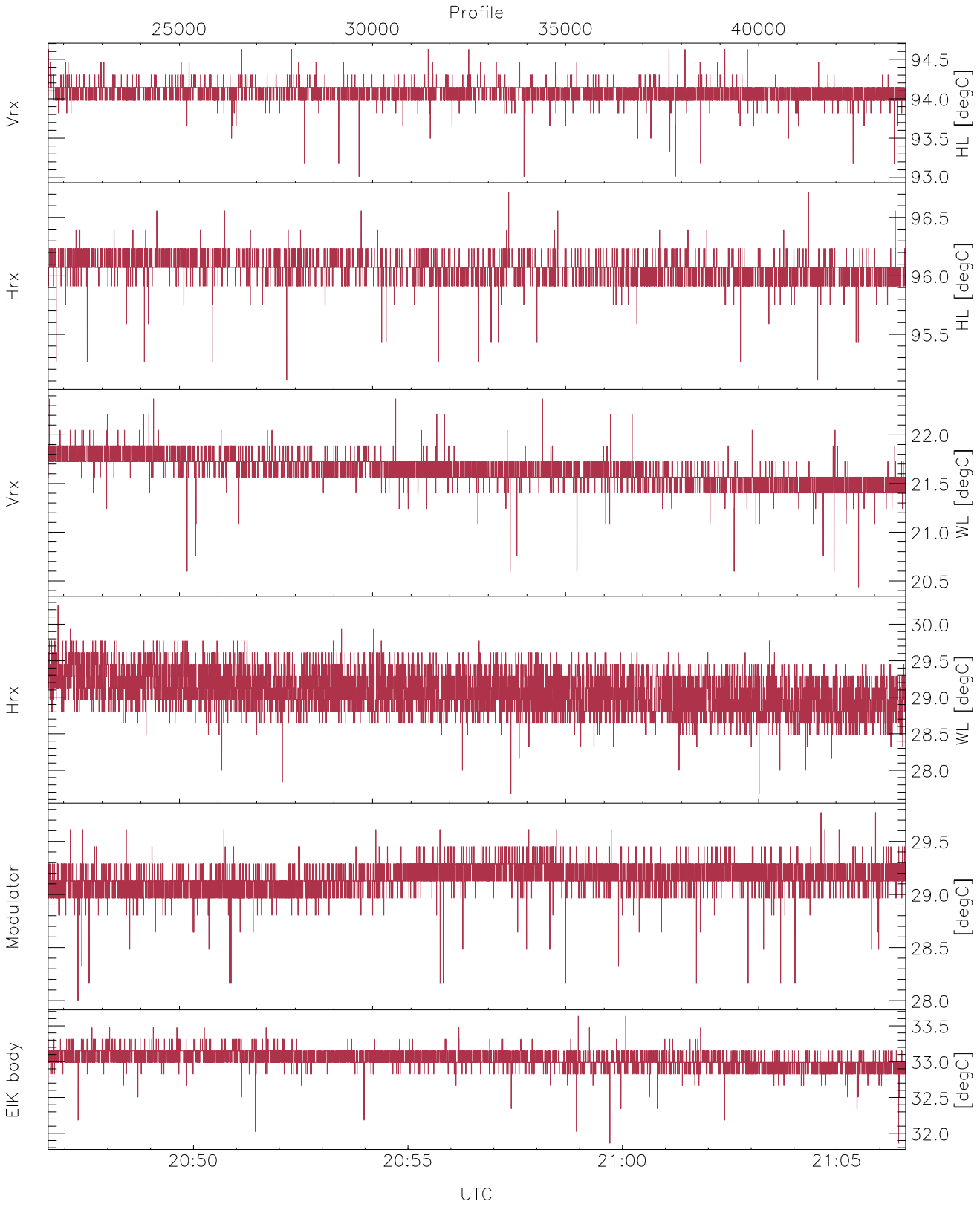






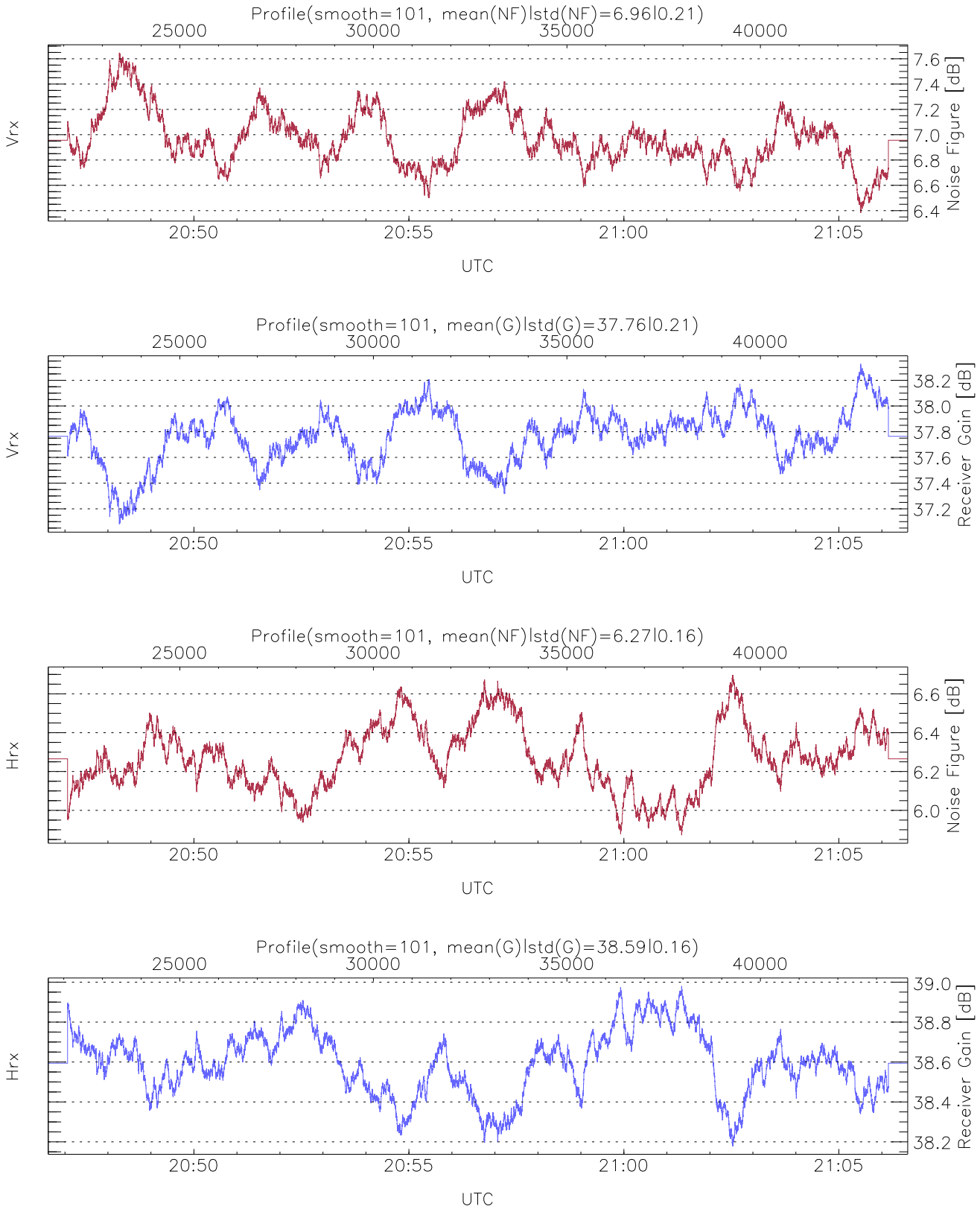
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:27:10-21:06:36, Dur: 2366.12s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
NumRec(r/t): 22207/43807, 21600-43806/20:46:37-21:06:36
AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
Pulse: 250ns, IFF: 4.0MHz, 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): 105,6037,15.0 m, Gates: 396, Aspect: 3.1
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1



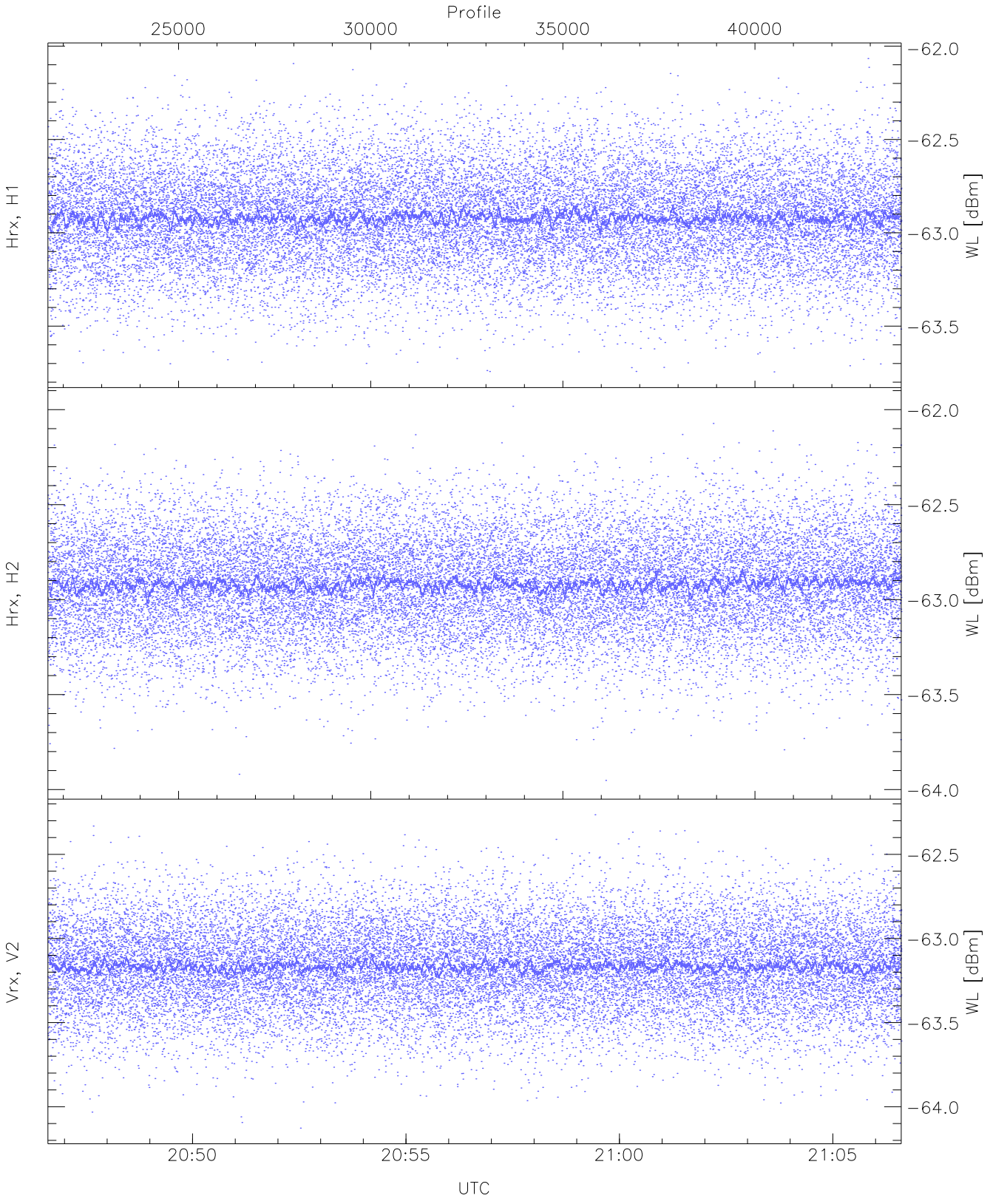
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,20,27,28,31
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,22,30,29,33
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (9,9,13,18,18,15)



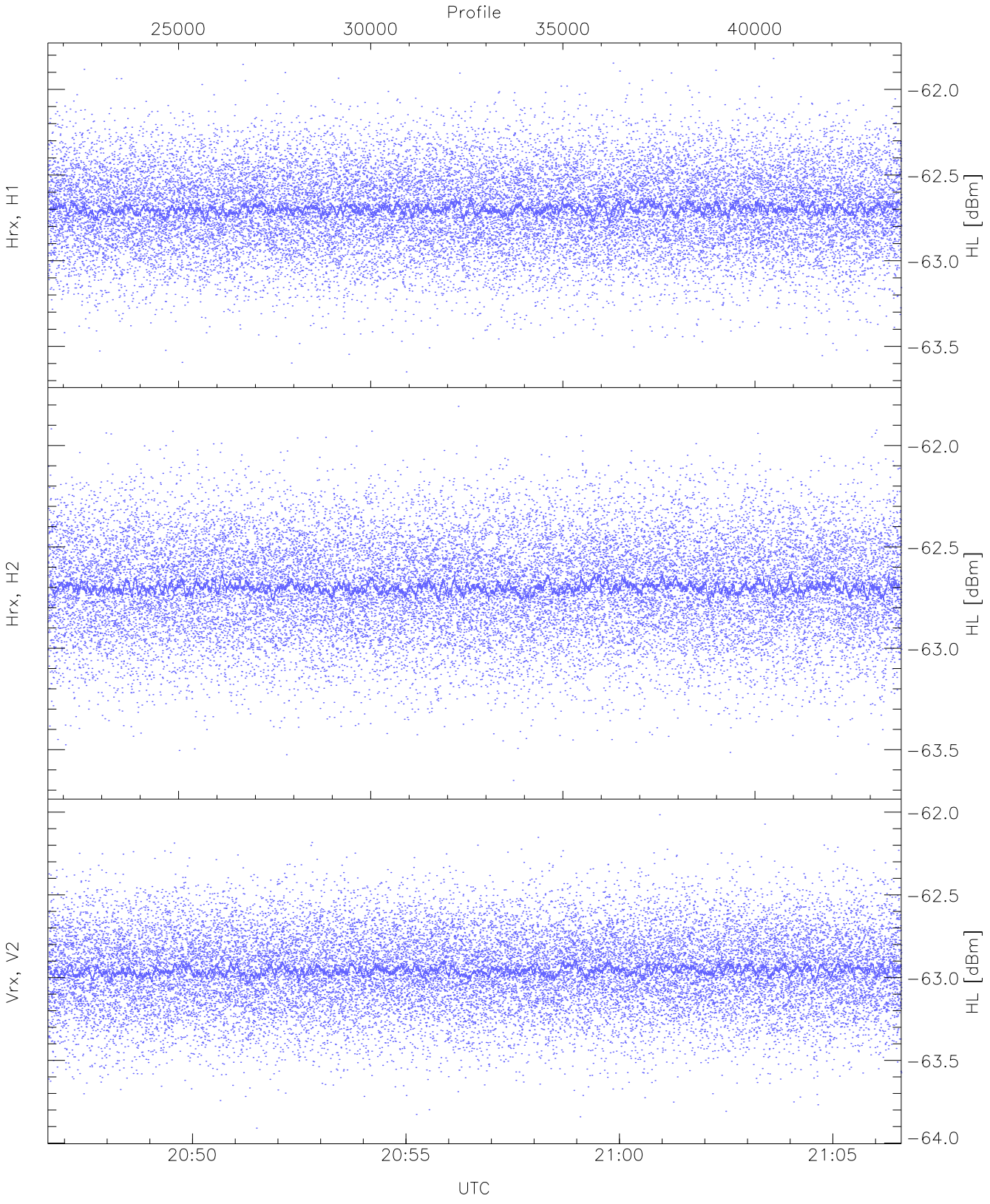
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 638 pixs, 30 gates, 620 profs, 1 prods



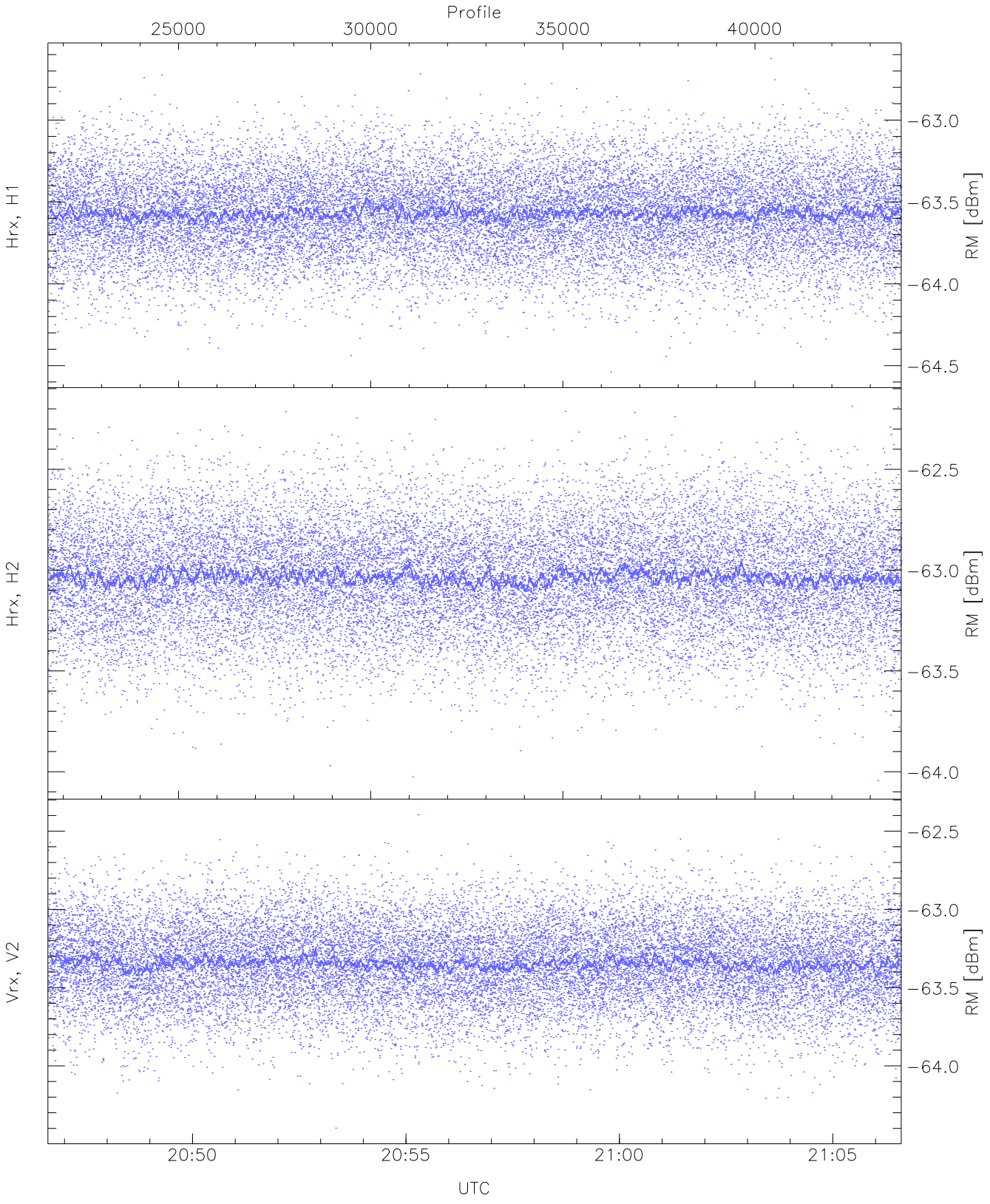
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.75	-62.07	-62.92	-62.92	-75.63
Hrx, H2(WL [dBm])	-63.95	-61.98	-62.92	-62.92	-75.64
Vrx, V2(WL [dBm])	-64.13	-62.26	-63.16	-63.17	-75.86



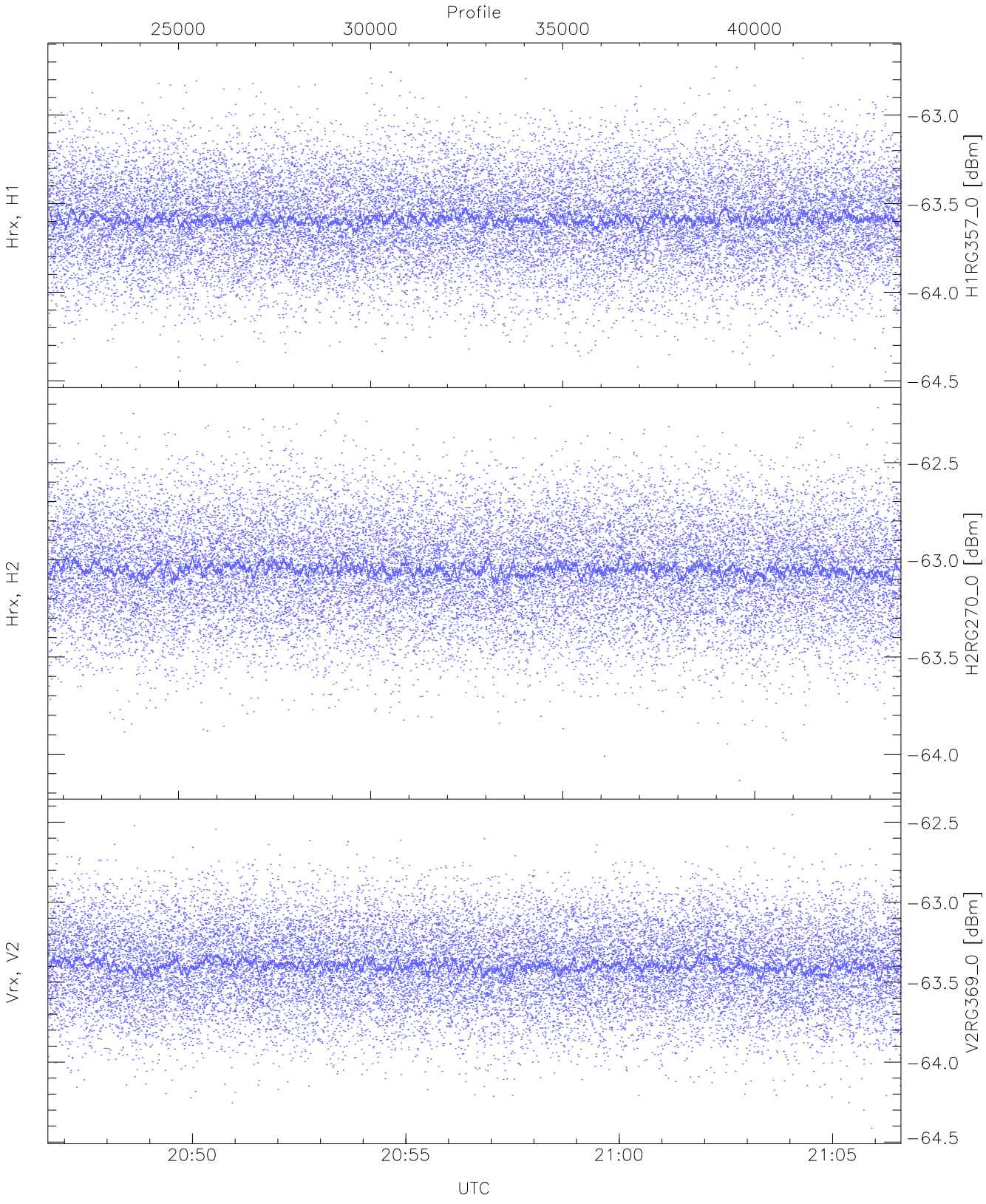
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-63.65	-61.82	-62.69	-62.70	-75.42
Hrx, H2(HL [dBm])	-63.65	-61.81	-62.70	-62.70	-75.41
Vrx, V2(HL [dBm])	-63.91	-62.02	-62.95	-62.96	-75.67



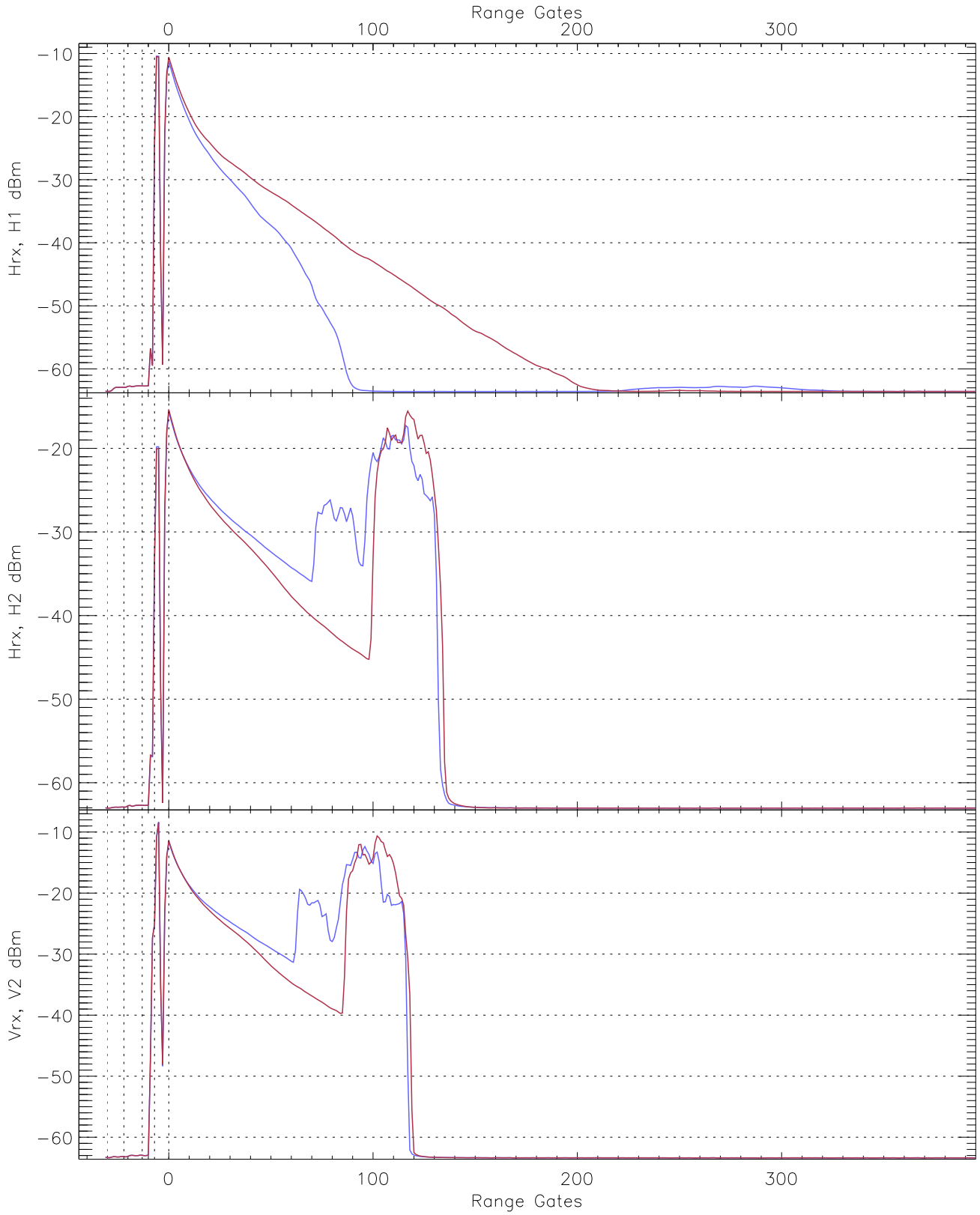
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-64.54	-62.62	-63.57	-63.57	-76.30
Hrx, H2(RM [dBm])	-64.04	-62.19	-63.03	-63.04	-75.74
Vrx, V2(RM [dBm])	-64.40	-62.40	-63.34	-63.34	-76.04

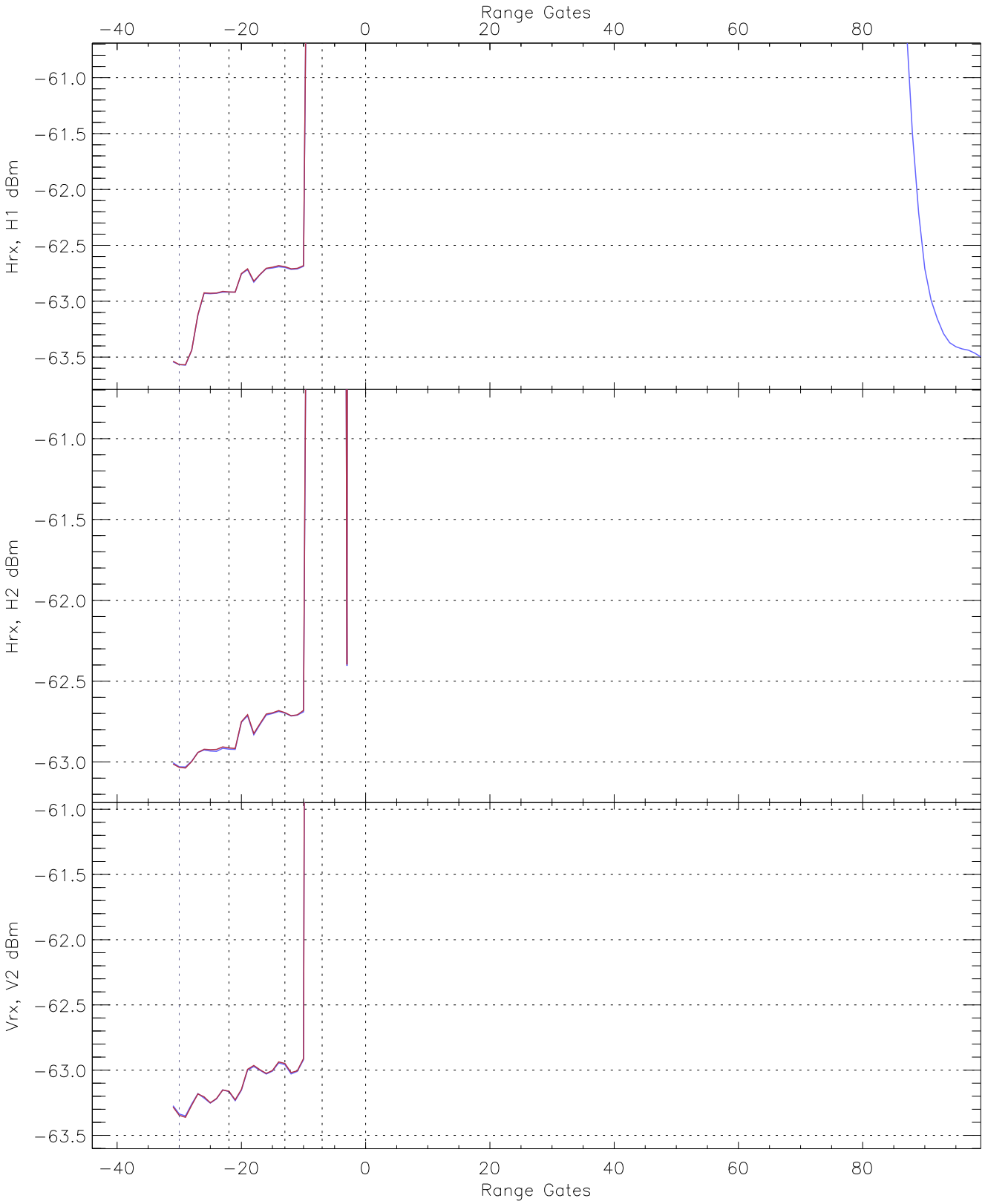


WCR2 CPP "Best" estimate Receivers Noise Power

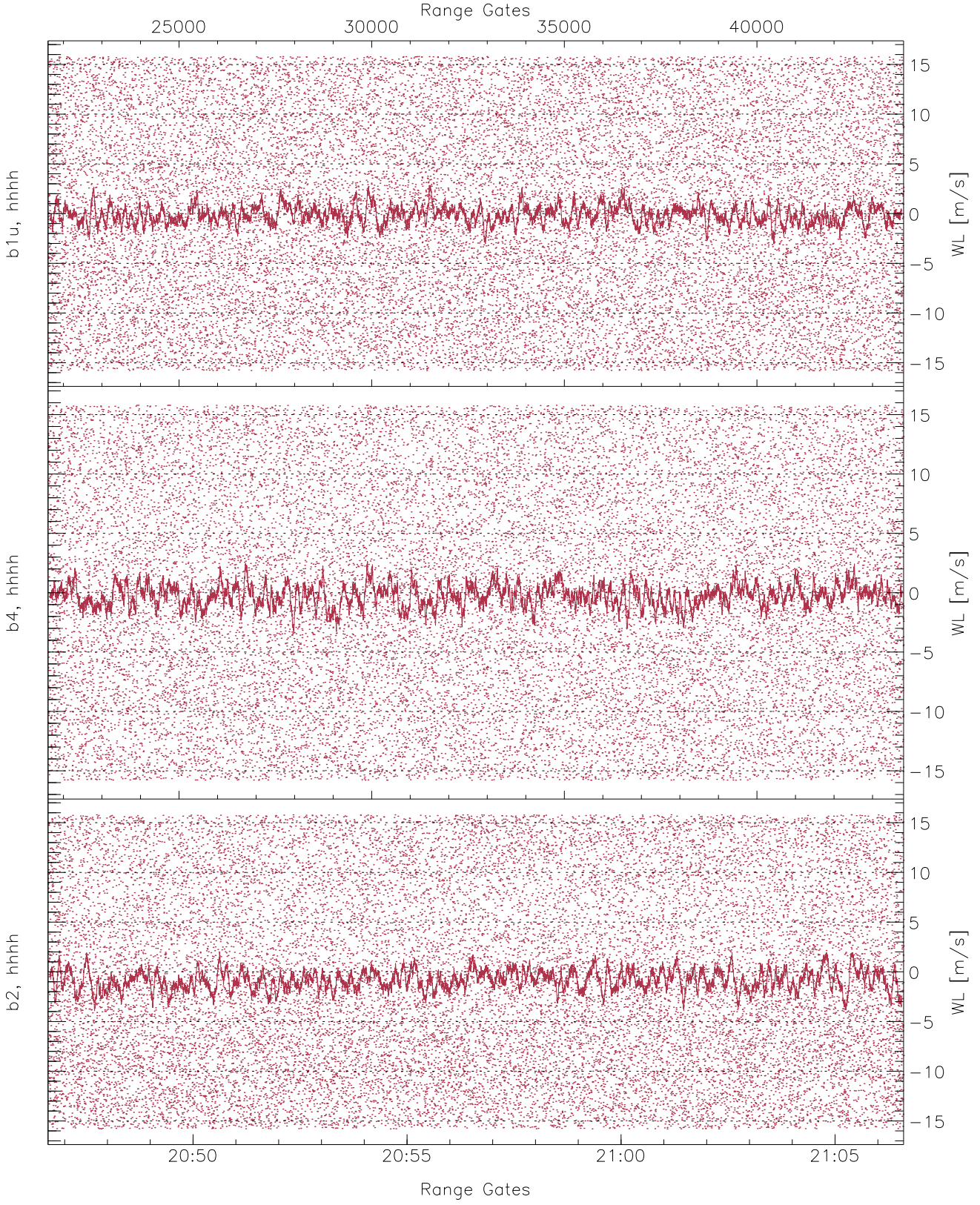
	Min	Max	Mean	Median	StDev
H1RG357_0 [dBm]	-64.45	-62.68	-63.59	-63.59	-76.31
H2RG270_0 [dBm]	-64.13	-62.21	-63.05	-63.05	-75.74
V2RG369_0 [dBm]	-64.41	-62.45	-63.39	-63.40	-76.03



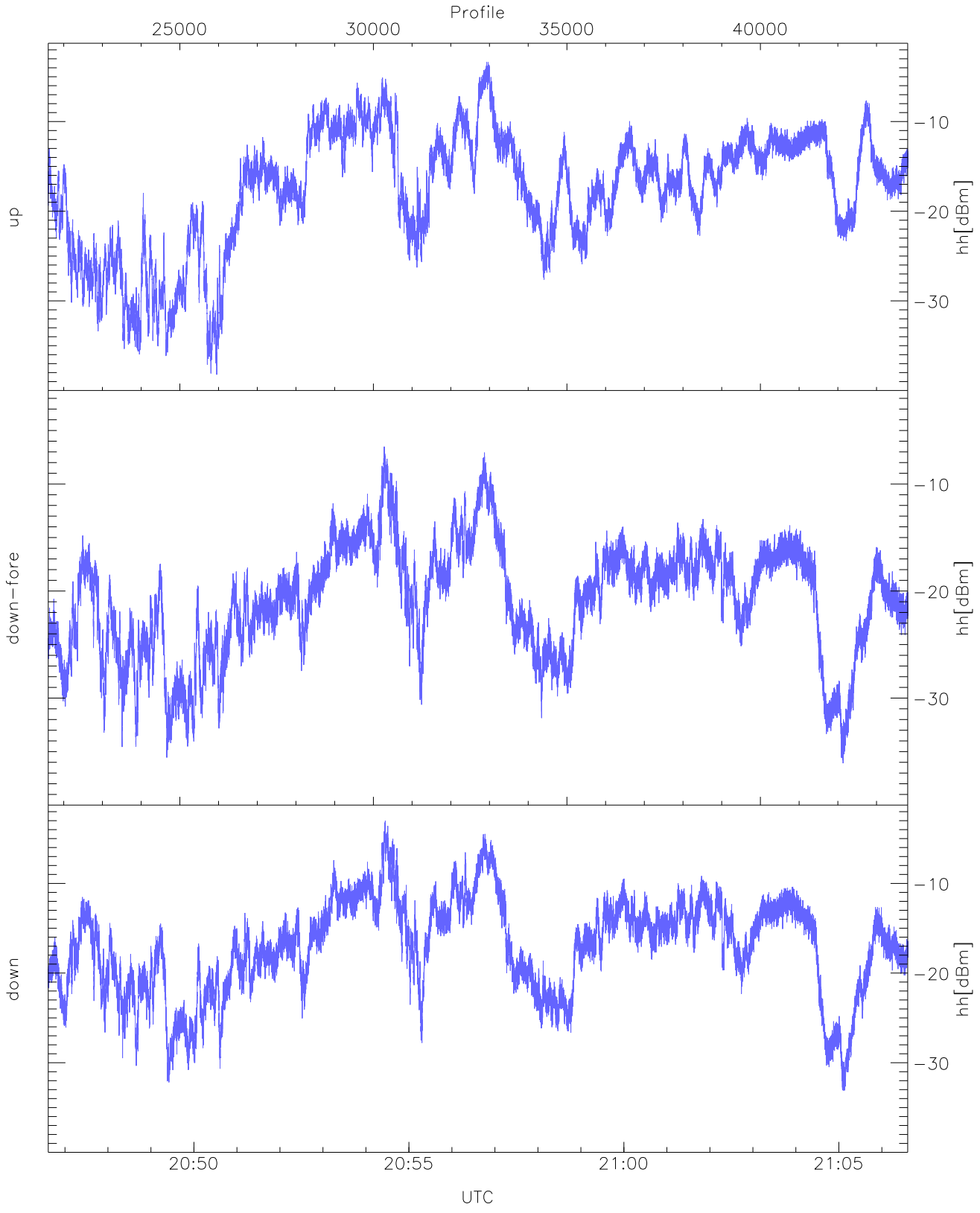
WCR2 CPP Averaged Received power for all recorded gates
blue: 204637-205636, 11104 profiles averaged
red: 205636-210636, 11104 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 204637-205636, 11104 profiles averaged
red: 205636-210636, 11104 profiles averaged

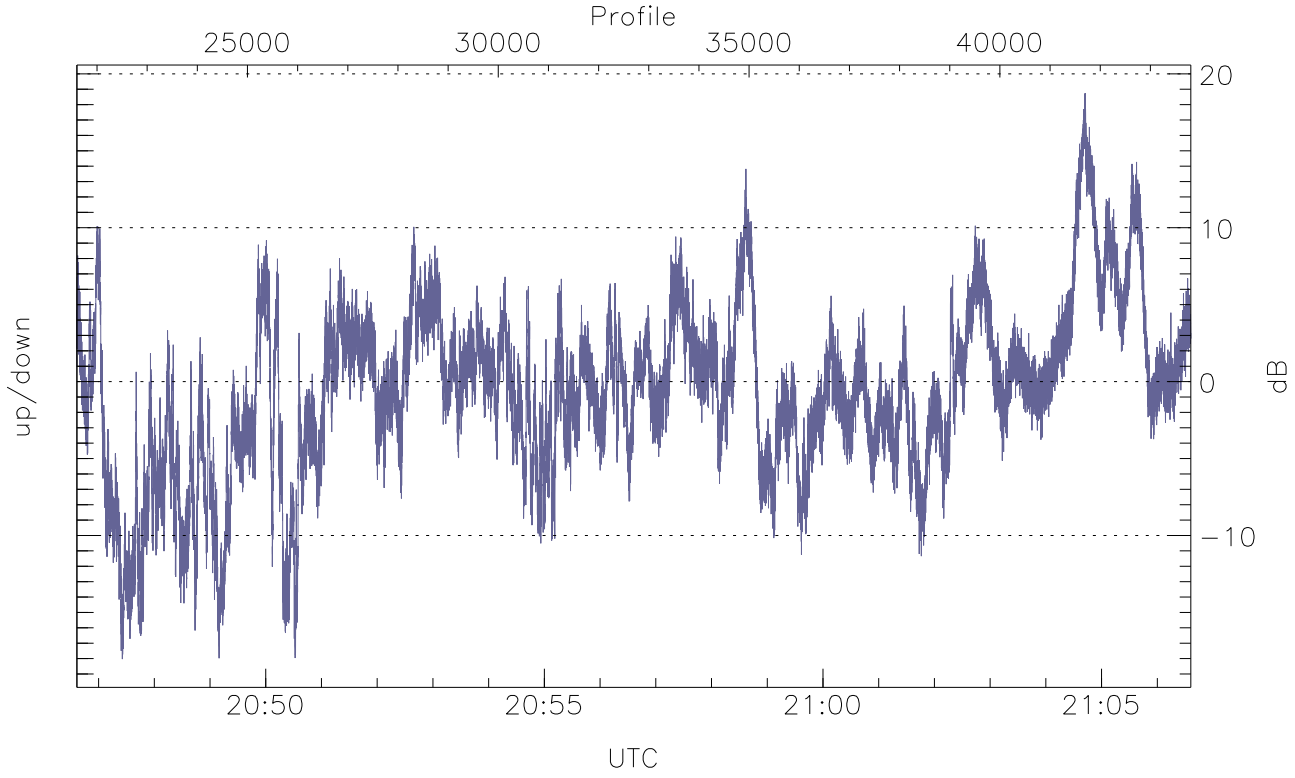


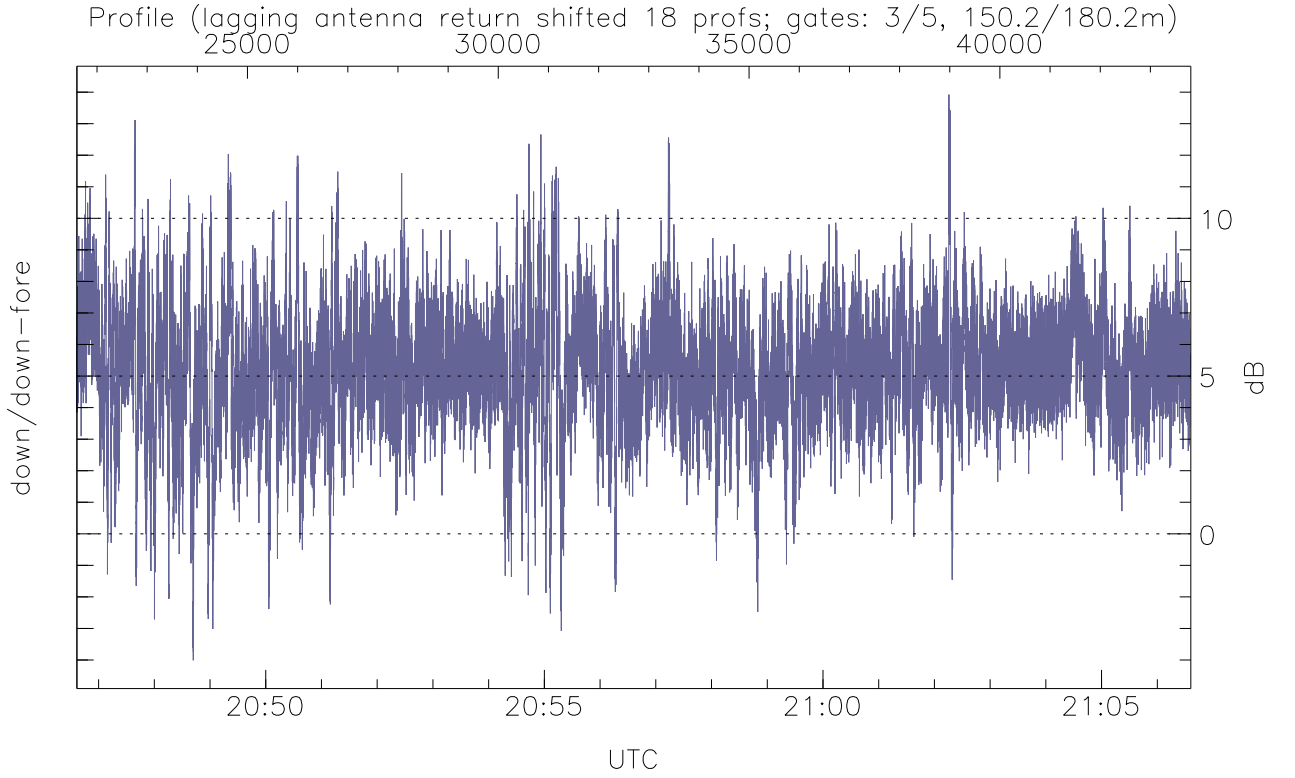
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

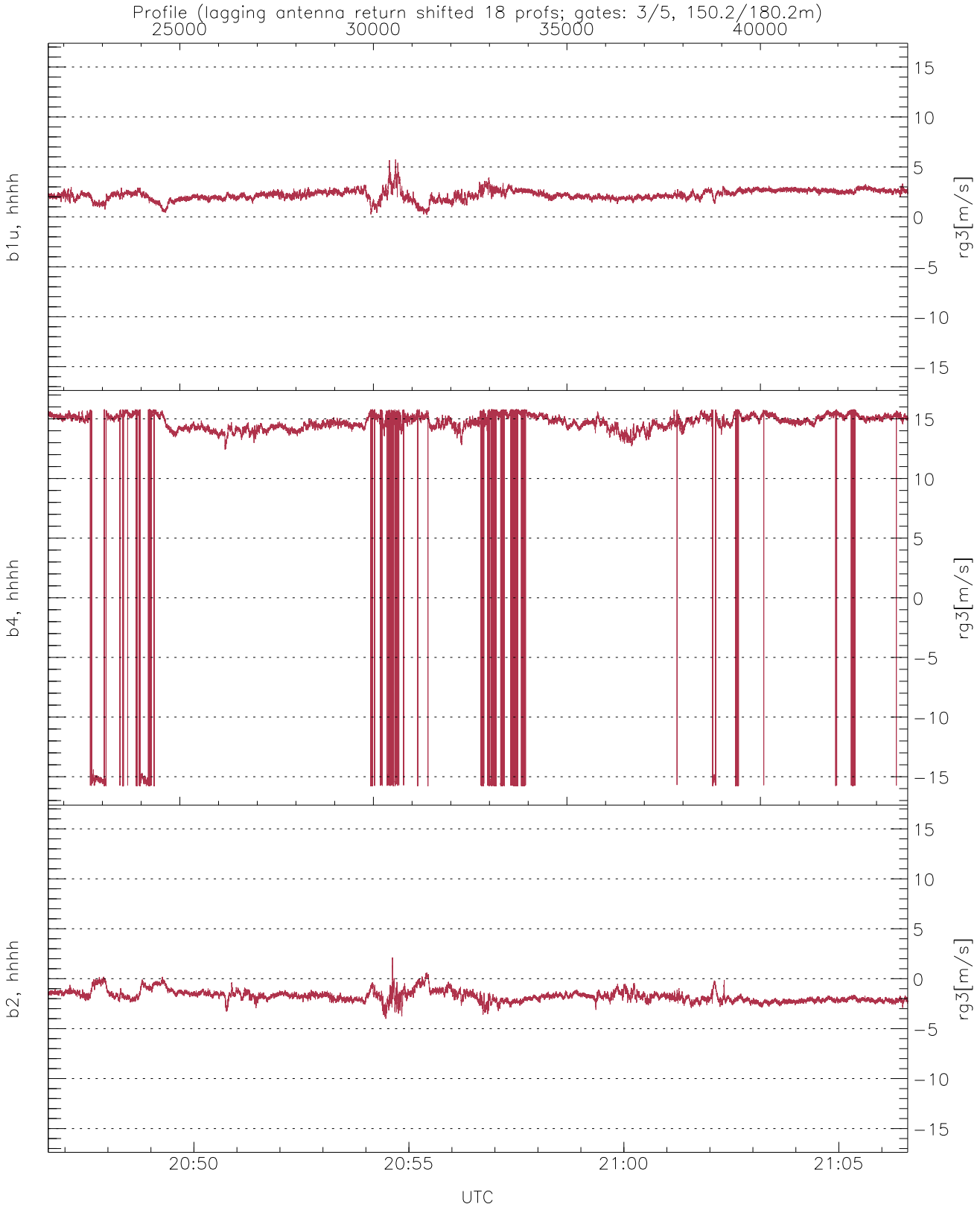
	Min	Max	Mean
up(hh[dBm])	-38.23	-3.37	-14.10
down-fore(hh[dBm])	-36.09	-6.50	-18.15
down(hh[dBm])	-33.10	-3.02	-14.39





WCR2 Beam pairs Received Power Ratio(s); RangeGate: 3 (150 m)

	Min	Max	Mean
up/down(dB)	-18.03	18.74	-0.55
down/down-fore(dB)	-4.01	13.92	5.24



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	0.20	5.75	2.21	0.51
b4, hhhh(rg3[m/s])	-15.80	15.80	12.99	7.11
b2, hhhh(rg3[m/s])	-4.02	2.13	-1.74	0.55