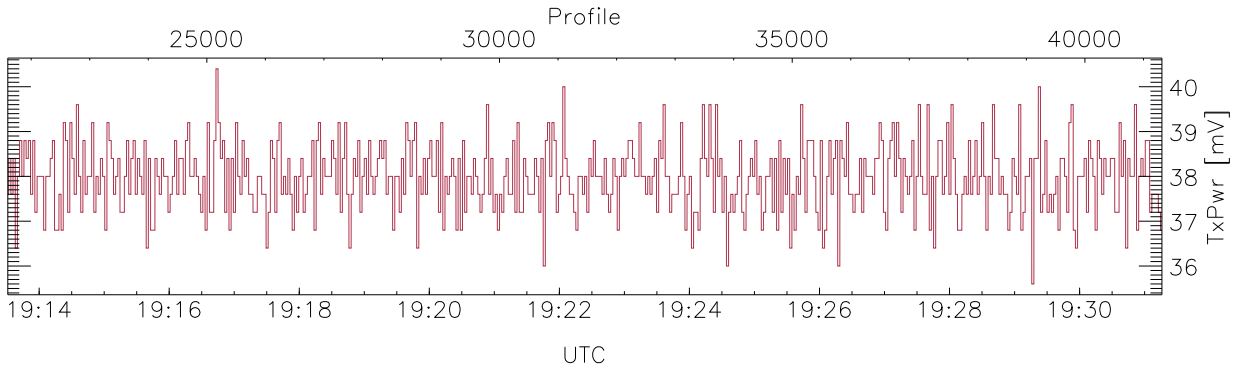
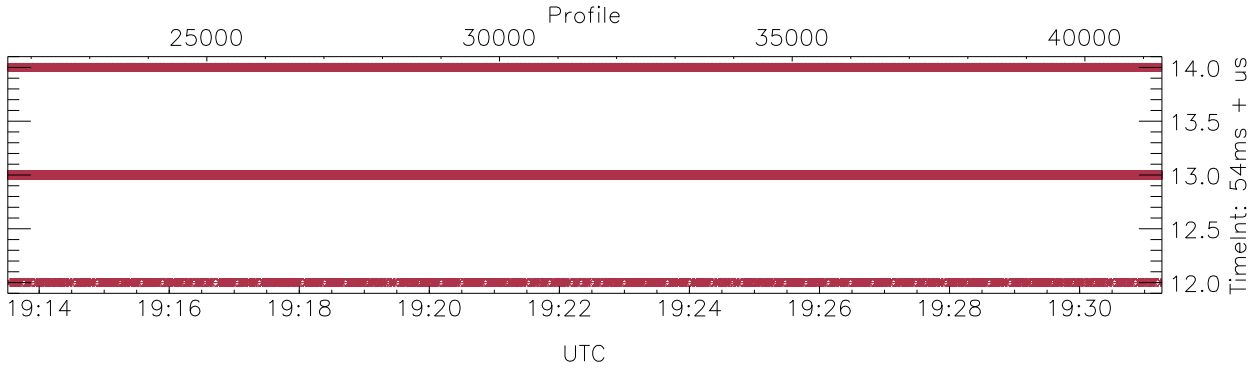
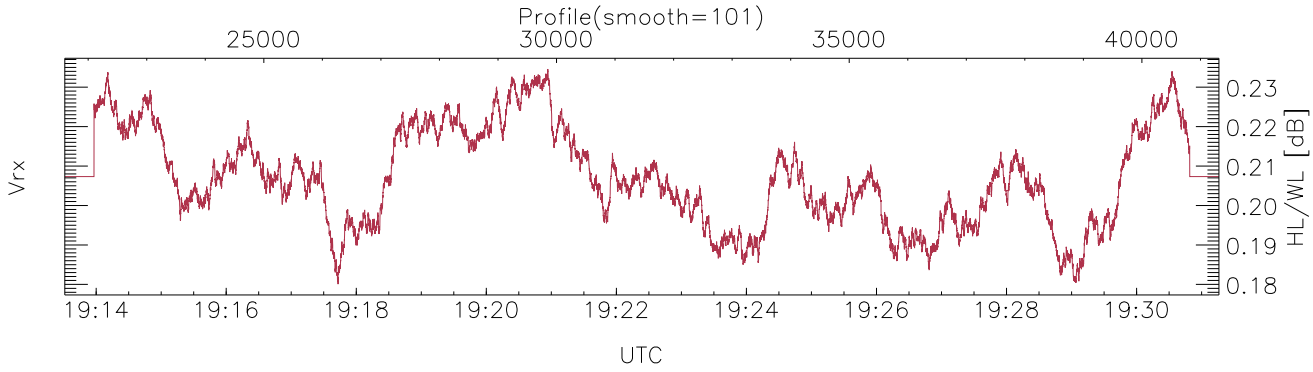
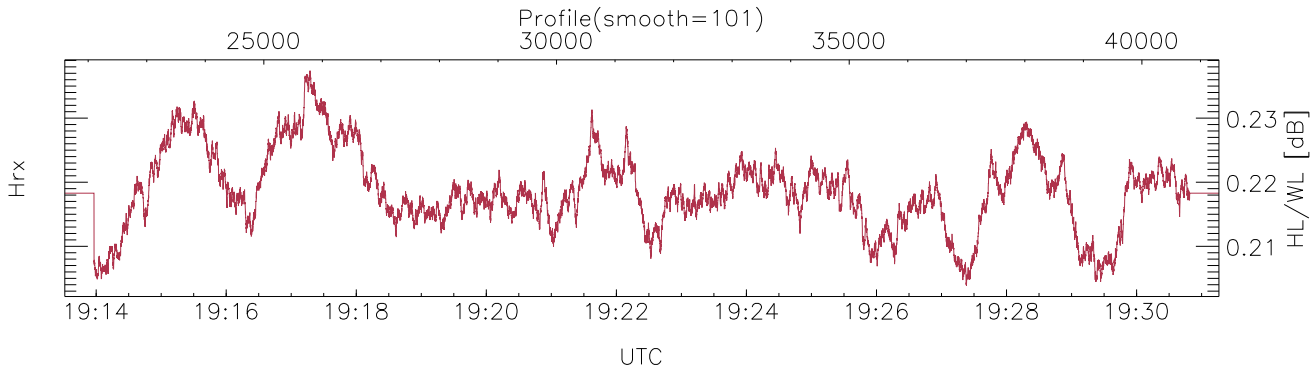


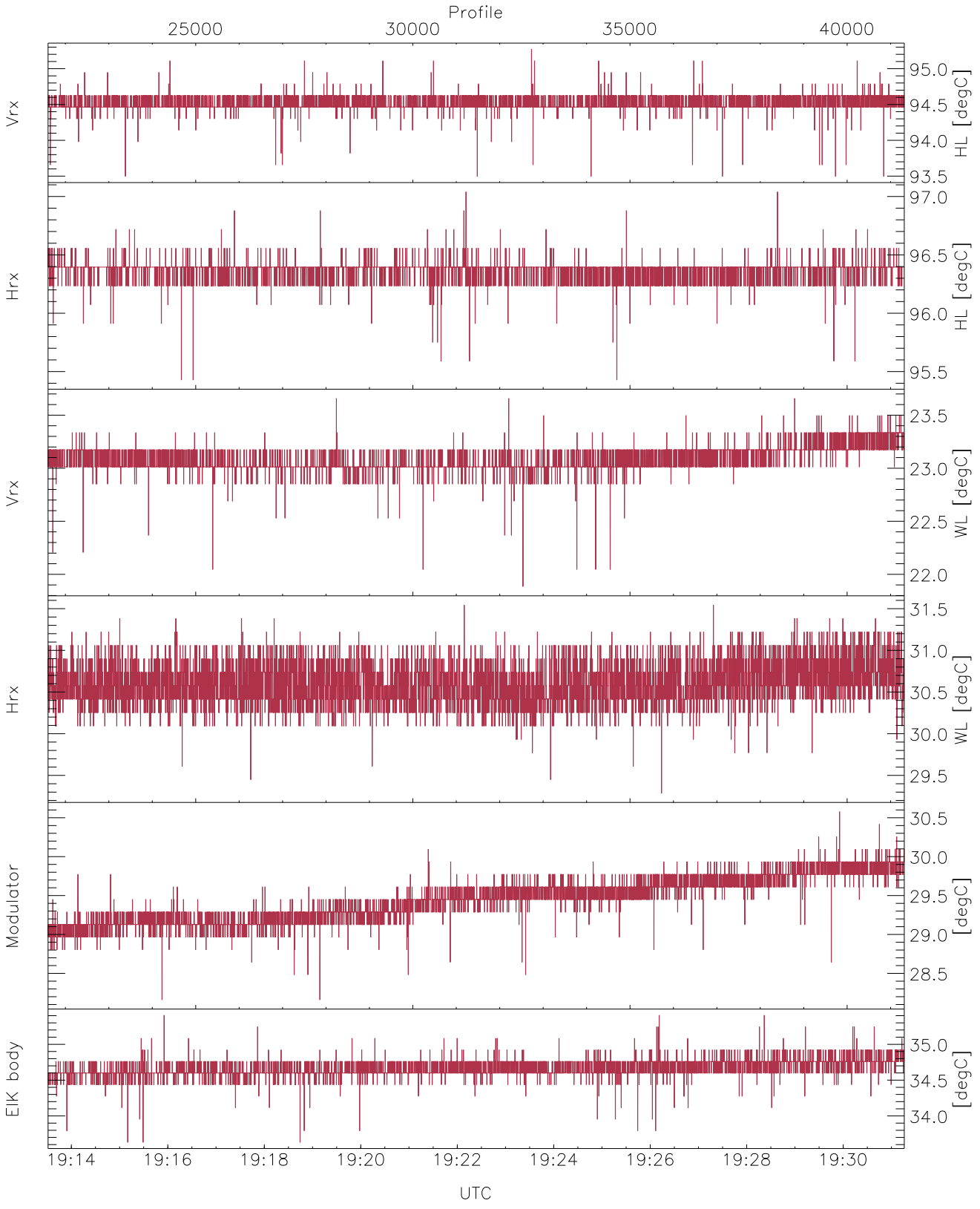






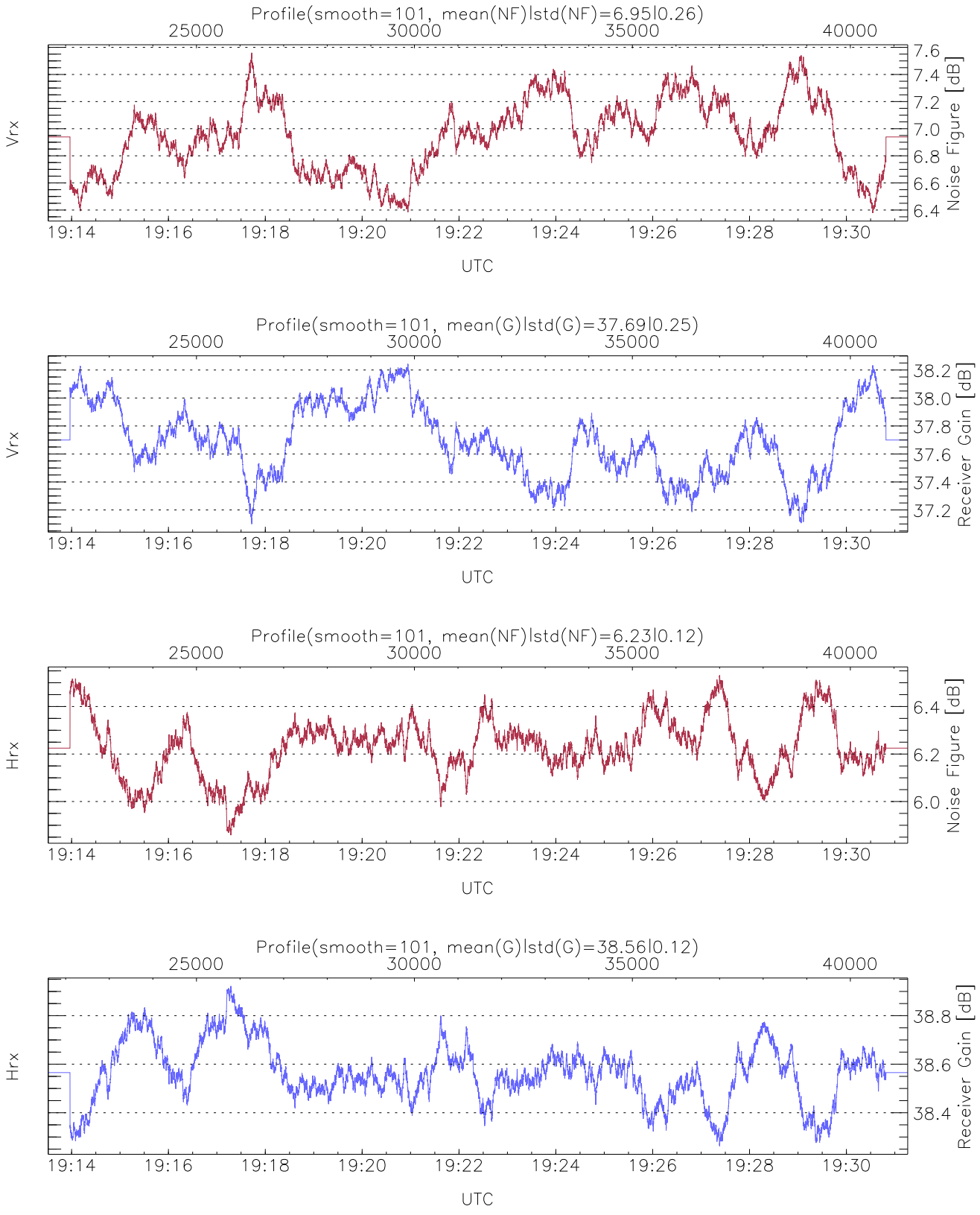
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:54:04-19:31:16, Dur: 2231.62s
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): 19717/41317, 21600-41316/19:13:31-19:31:16
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|sideup|error): 1



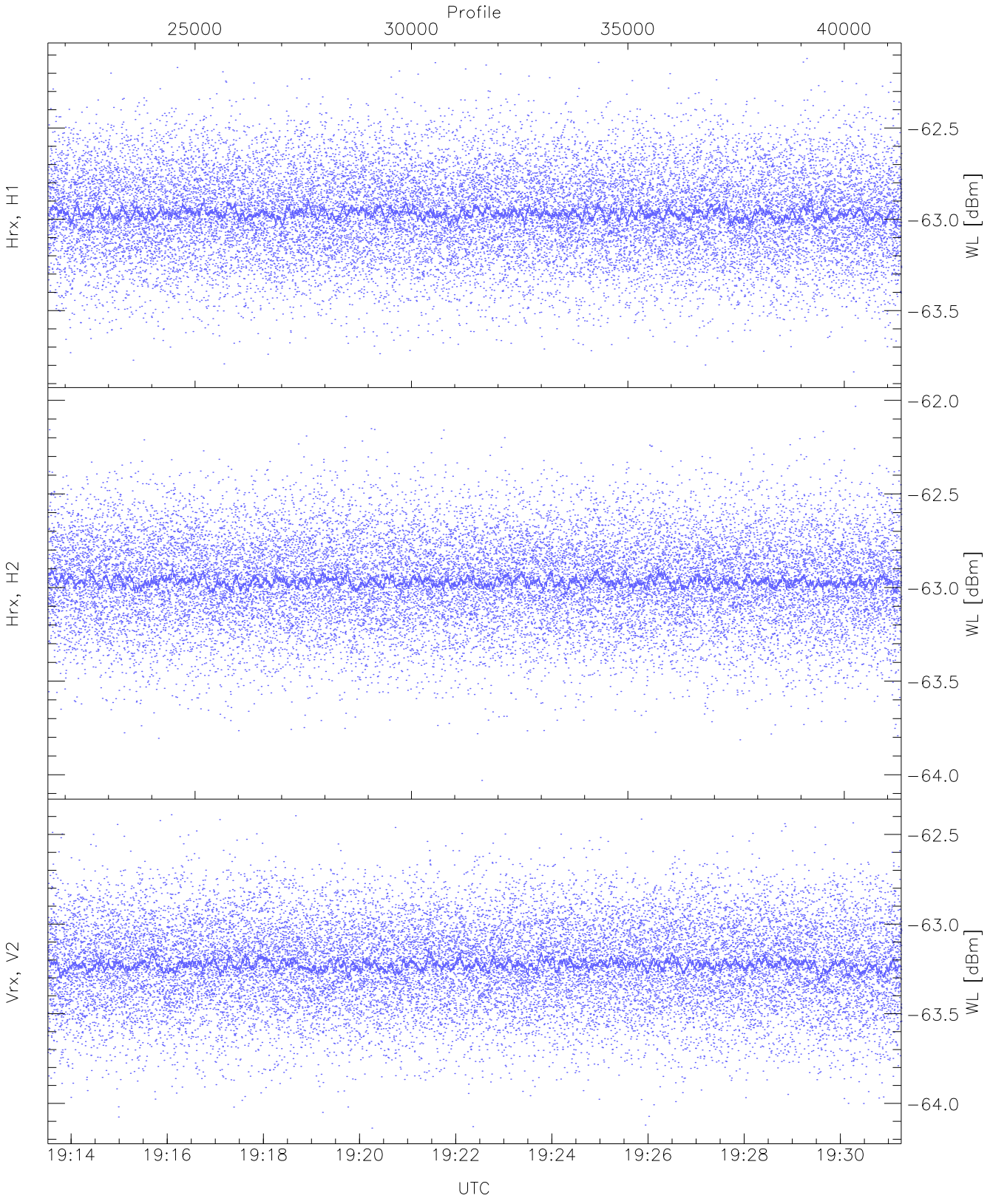
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,21,29,28,33
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 95,97,23,31,30,35
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (10,10,10,10,10,5)



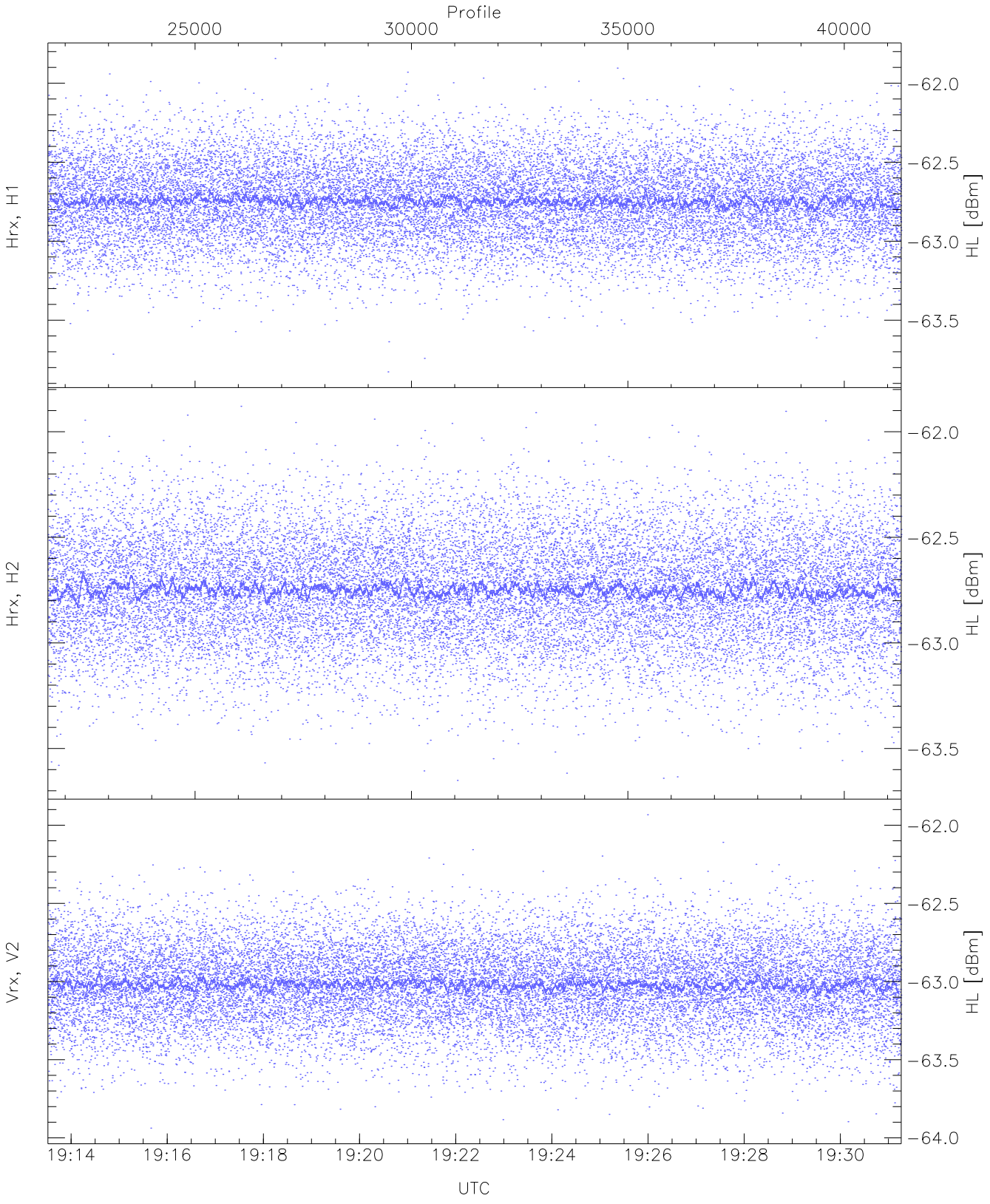
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 223 pixs, 41 gates, 216 profs, 1 prods



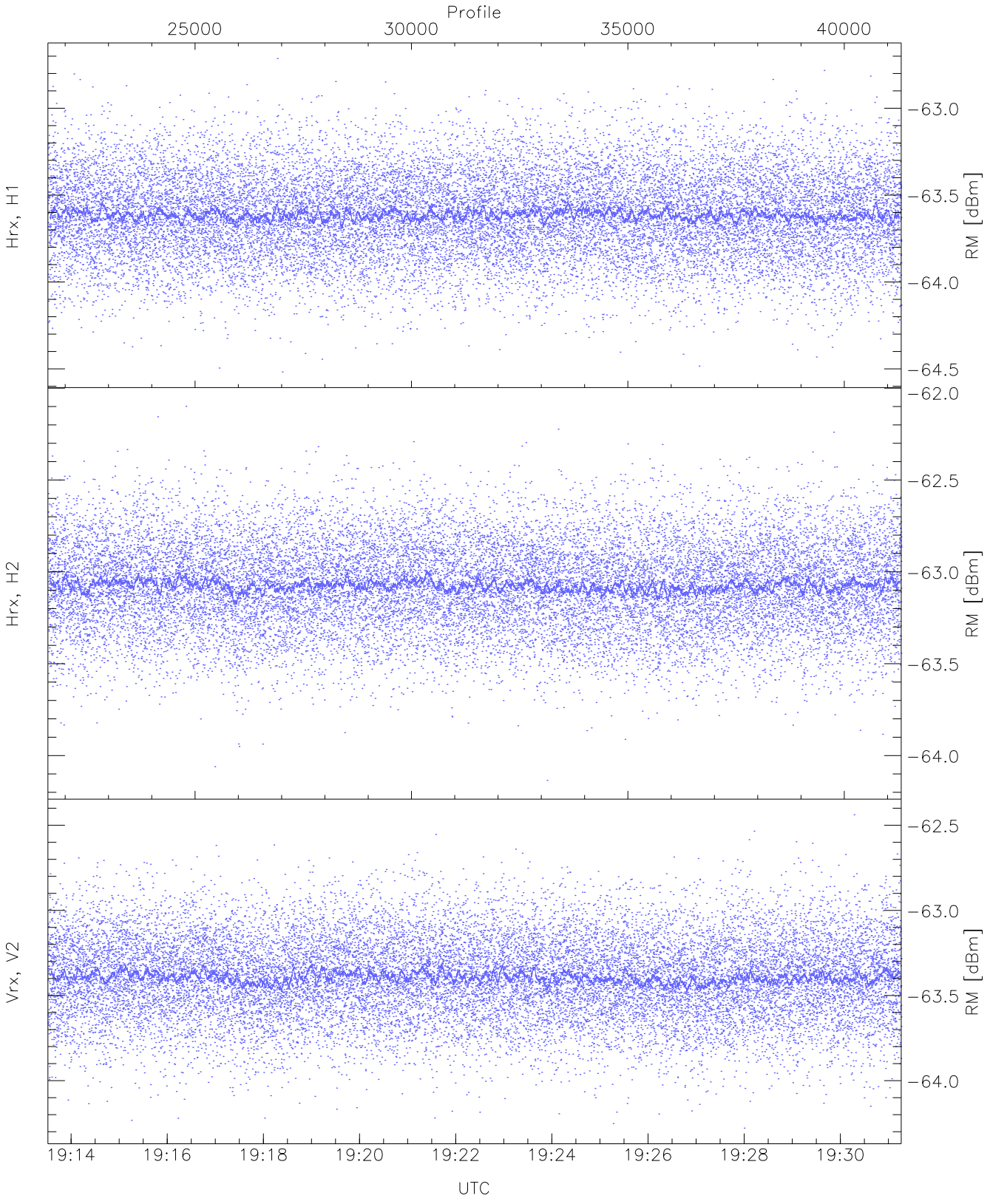
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.84	-62.12	-62.96	-62.97	-75.64
Hrx, H2(WL [dBm])	-64.03	-62.03	-62.96	-62.97	-75.67
Vrx, V2(WL [dBm])	-64.14	-62.39	-63.22	-63.23	-75.89



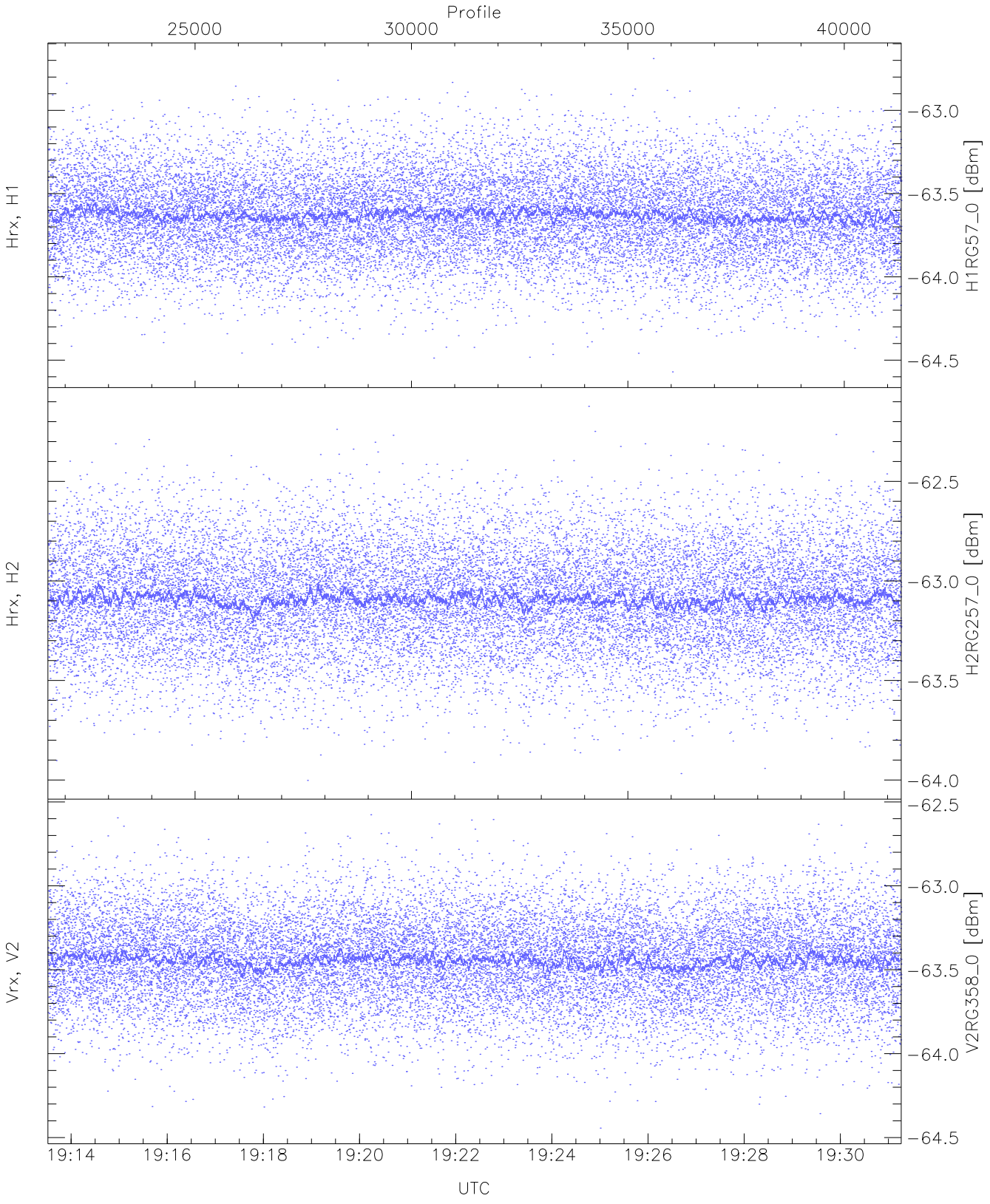
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-63.83	-61.84	-62.74	-62.75	-75.44
Hrx, H2(HL [dBm])	-63.65	-61.88	-62.75	-62.75	-75.49
Vrx, V2(HL [dBm])	-63.94	-61.93	-63.02	-63.02	-75.74



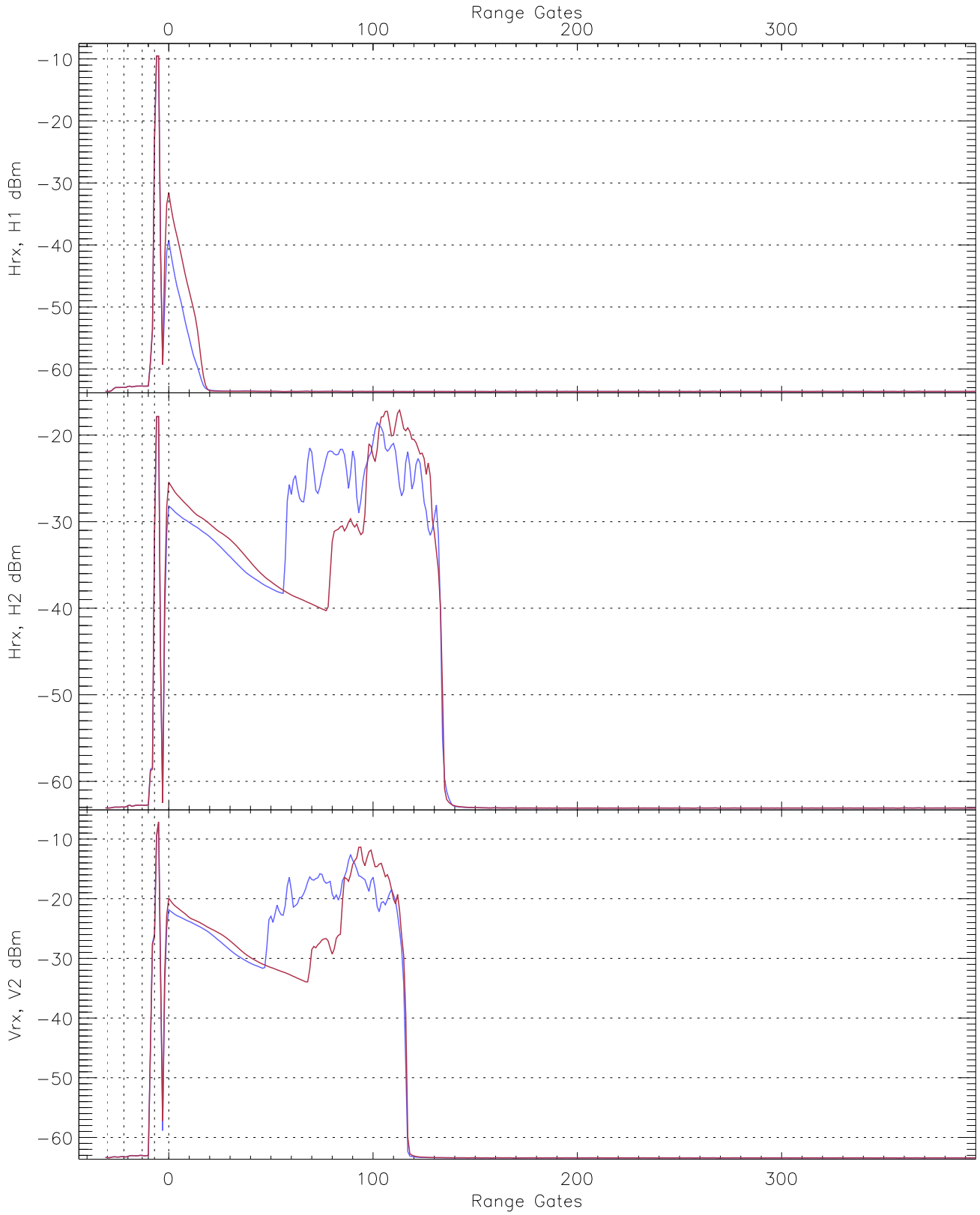
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-64.52	-62.71	-63.61	-63.62	-76.29
Hrx, H2(RM [dBm])	-64.14	-62.10	-63.07	-63.08	-75.81
Vrx, V2(RM [dBm])	-64.28	-62.44	-63.39	-63.40	-76.10

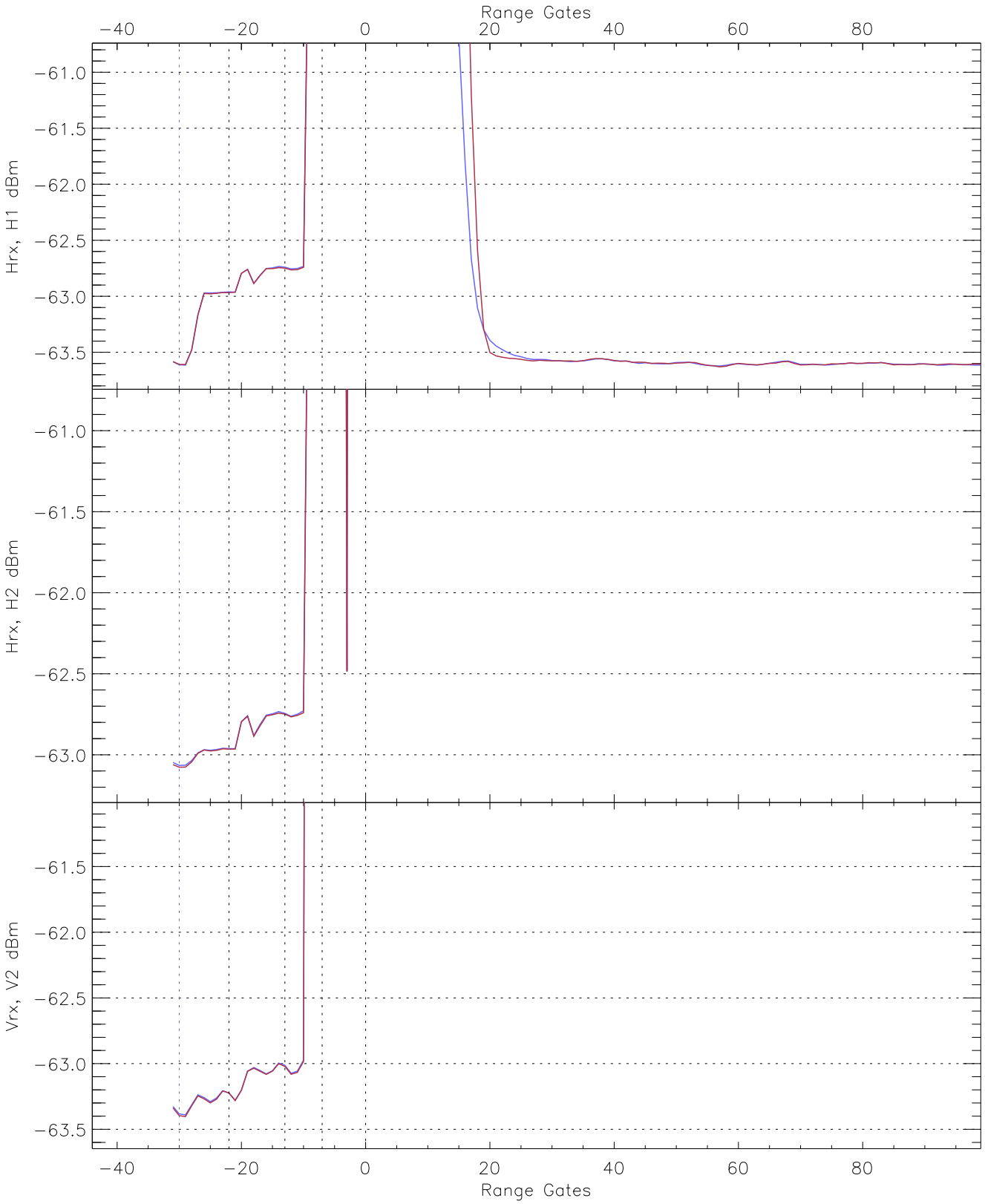


WCR2 CPP "Best" estimate Receivers Noise Power

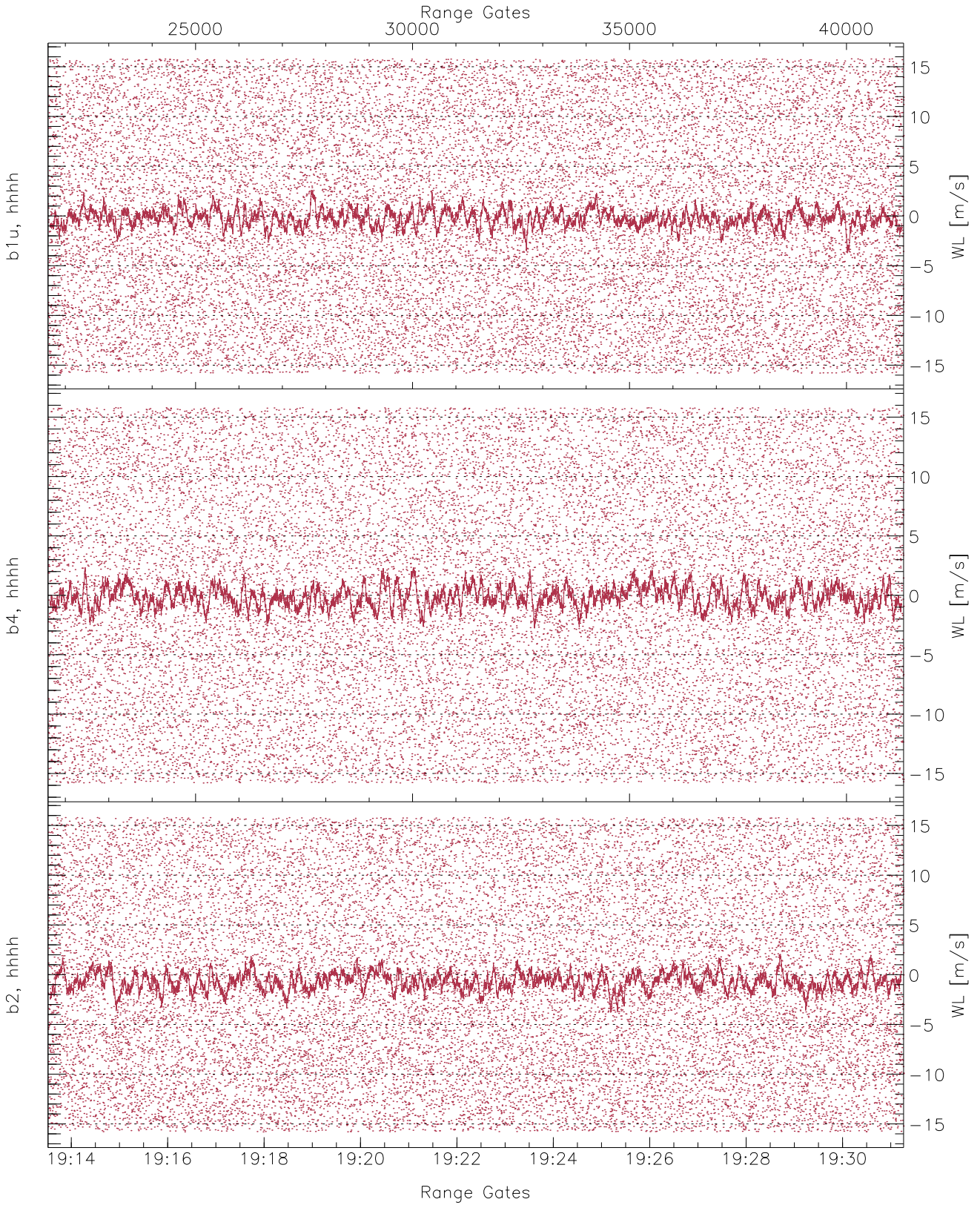
	Min	Max	Mean	Median	StDev
H1RG57_0 [dBm]	-64.57	-62.69	-63.63	-63.63	-76.34
H2RG257_0 [dBm]	-64.00	-62.12	-63.09	-63.09	-75.76
V2RG358_0 [dBm]	-64.44	-62.58	-63.44	-63.44	-76.09



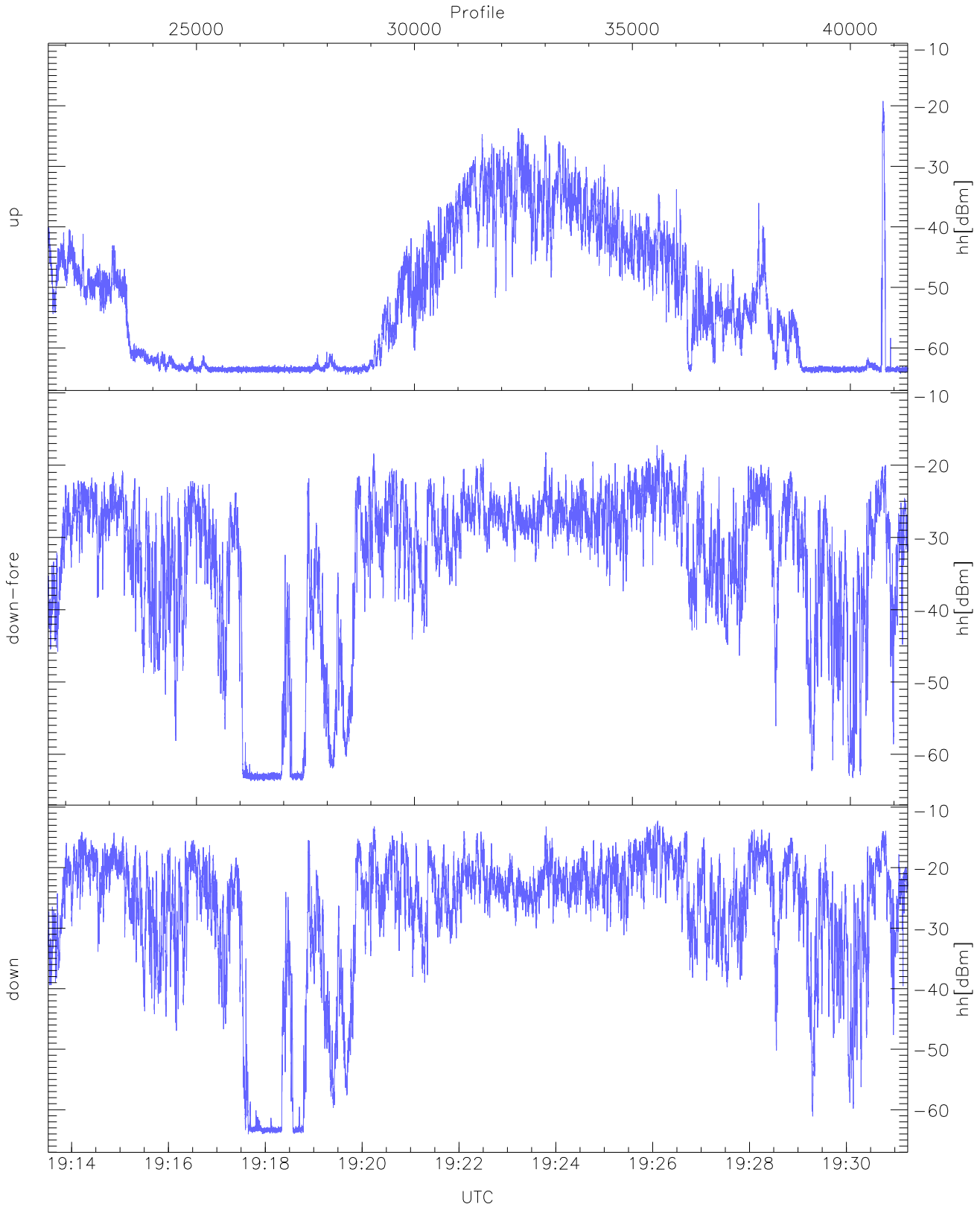
WCR2 CPP Averaged Received power for all recorded gates
blue: 191331-192224, 9859 profiles averaged
red: 192224-193116, 9859 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 191331-192224, 9859 profiles averaged
red: 192224-193116, 9859 profiles averaged

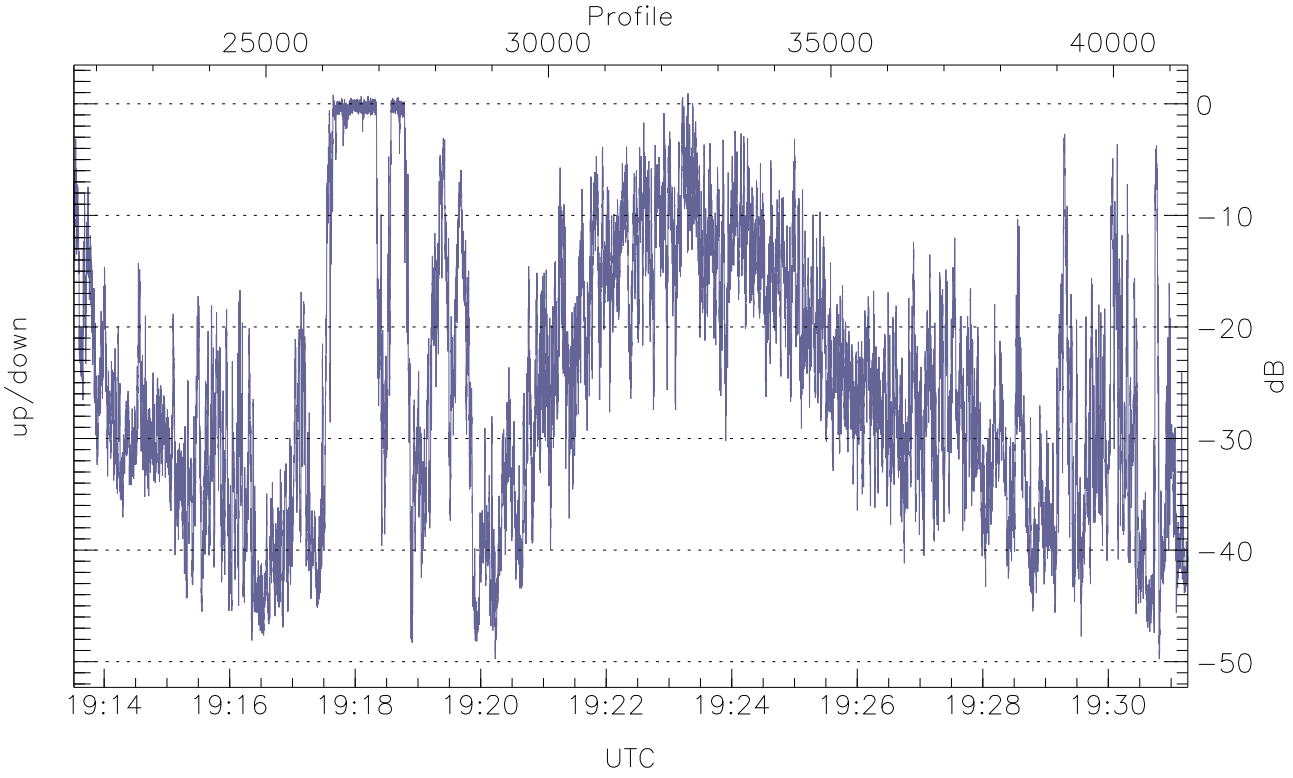


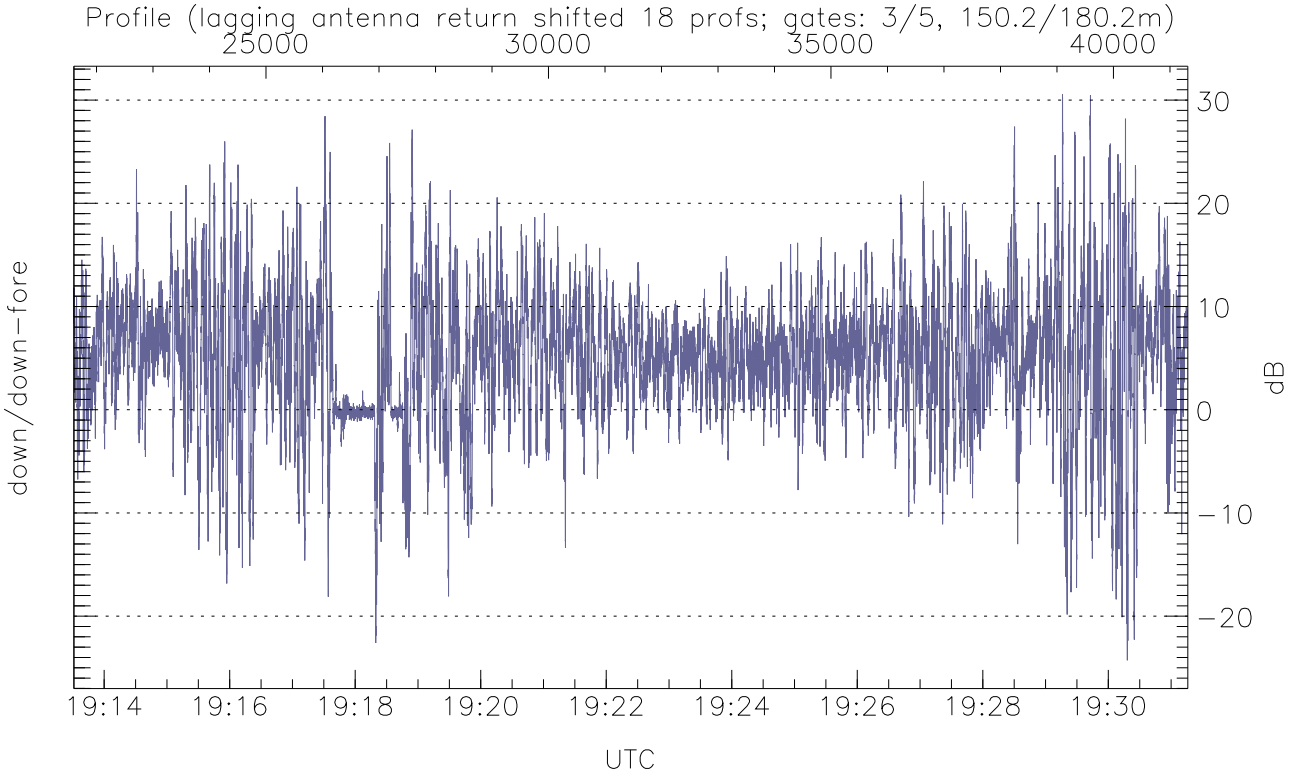
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

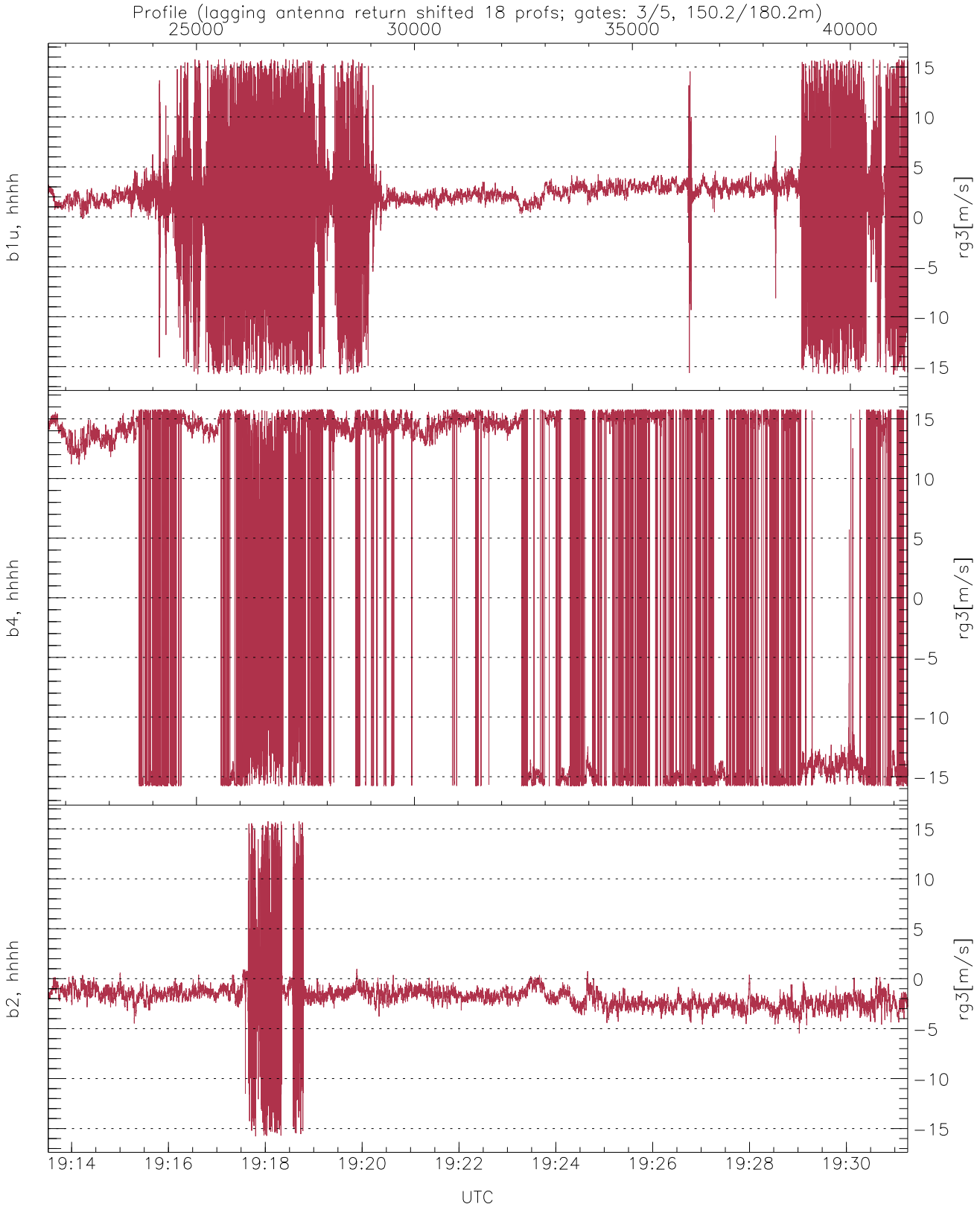
	Min	Max	Mean
up(hh[dBm])	-64.43	-19.22	-39.53
down-fore(hh[dBm])	-63.70	-17.23	-27.57
down(hh[dBm])	-64.03	-12.27	-21.85





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

	Min	Max	Mean
up/down(dB)	-49.77	0.94	-24.76
down/down-fore(dB)	-24.27	30.54	5.21



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.80	15.79	1.72	4.79
b4, hhhh(rg3[m/s])	-15.80	15.80	4.13	13.95
b2, hhhh(rg3[m/s])	-15.78	15.76	-1.82	1.97