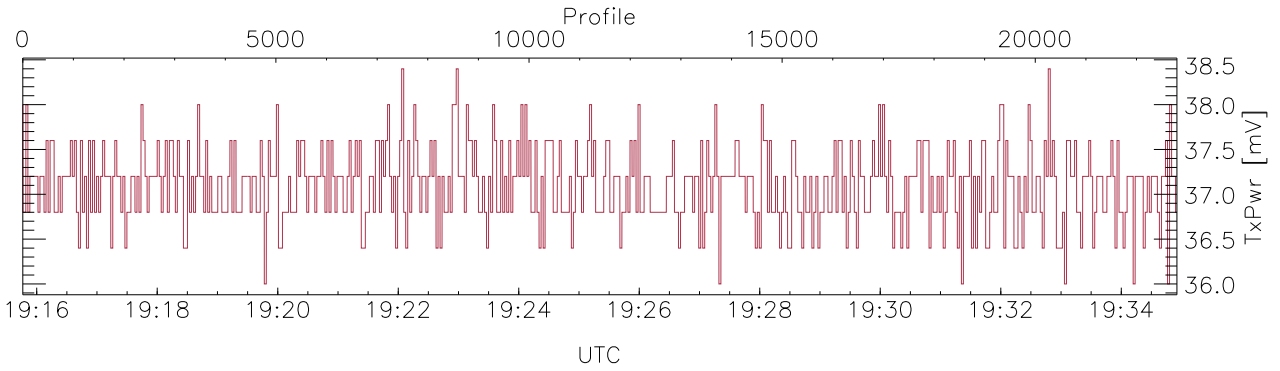
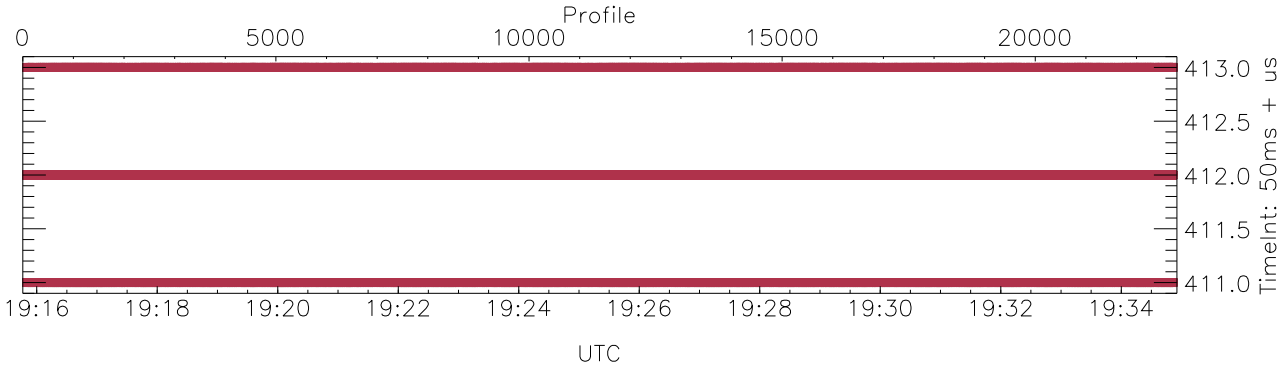
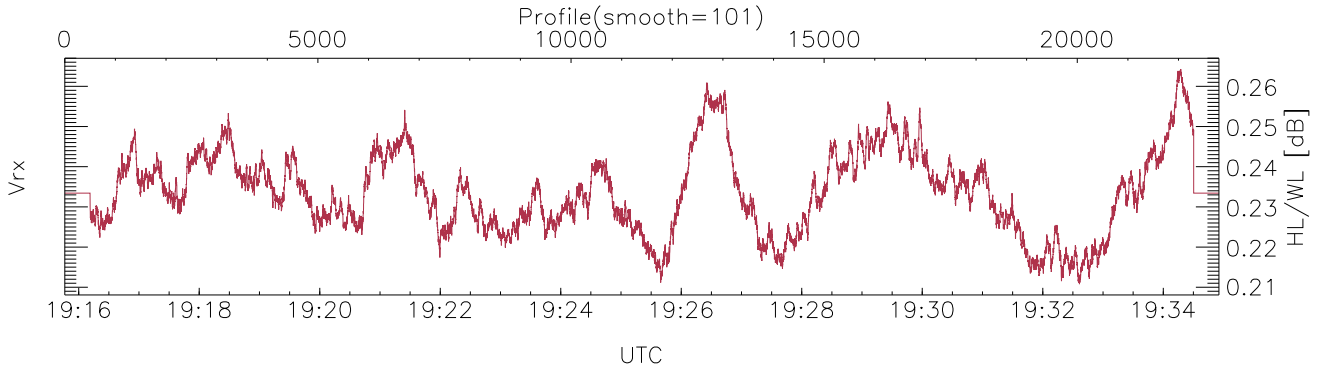
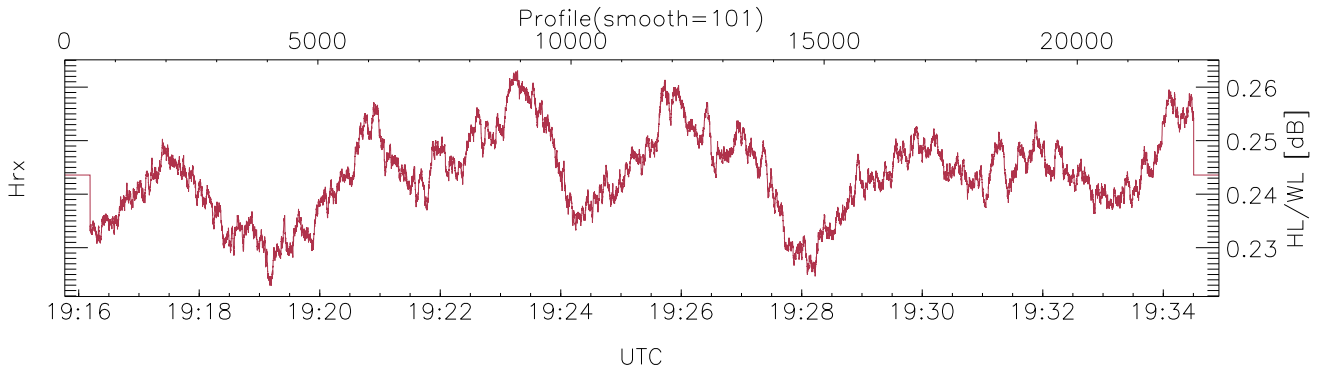


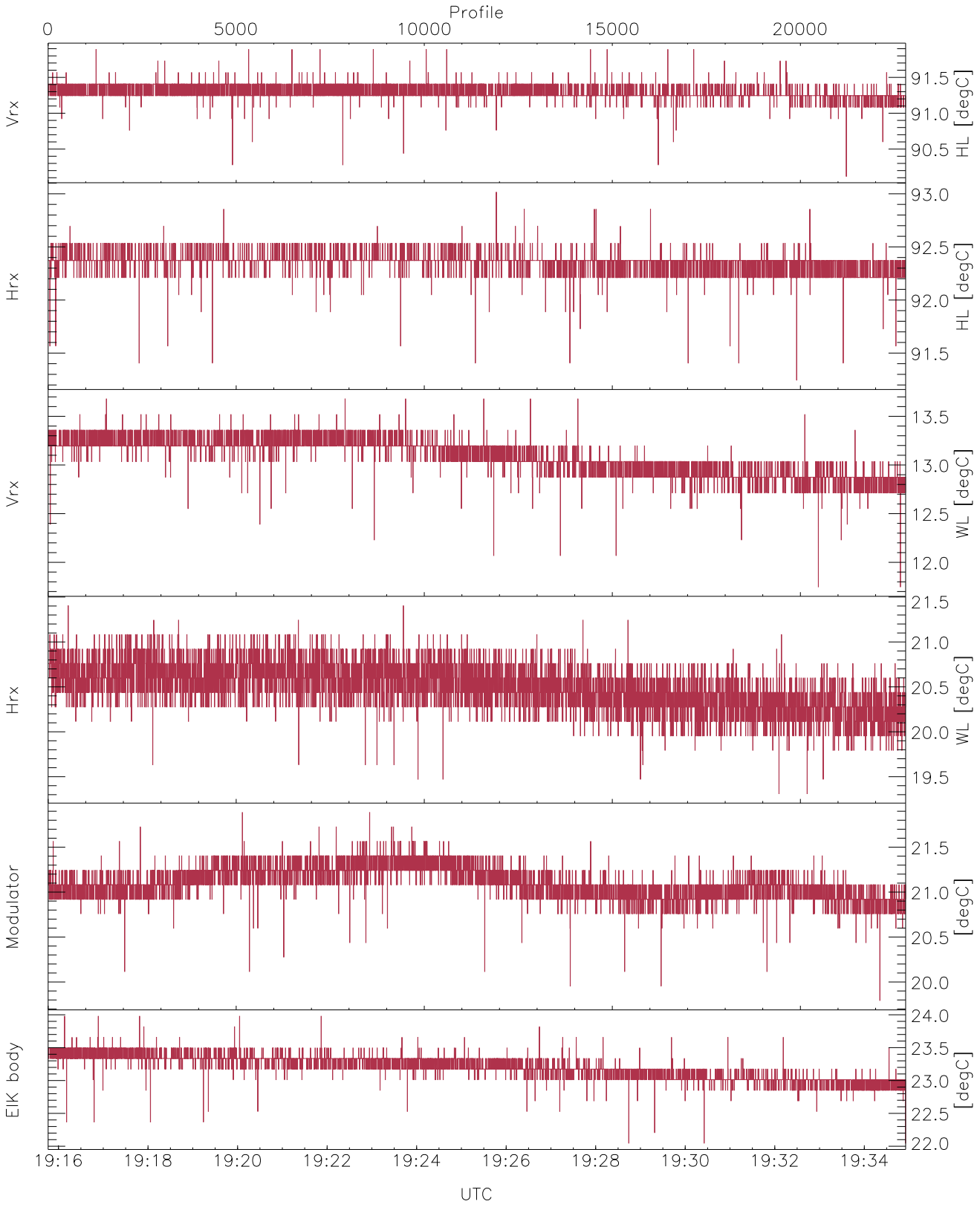






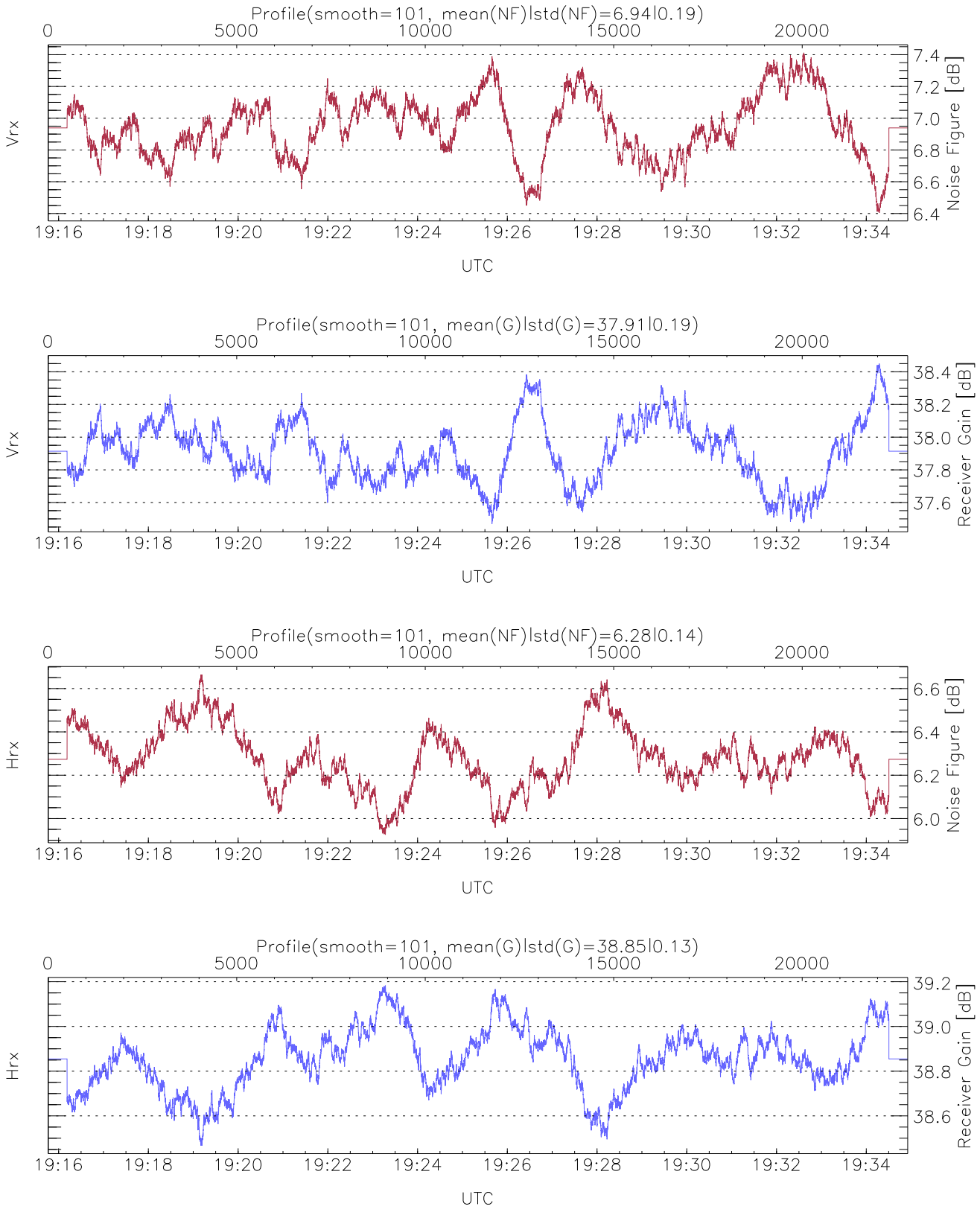
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:15:46-19:51:51, Dur: 2164.62s
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): 22800/42939, 0-22799/19:15:46-19:34:55
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



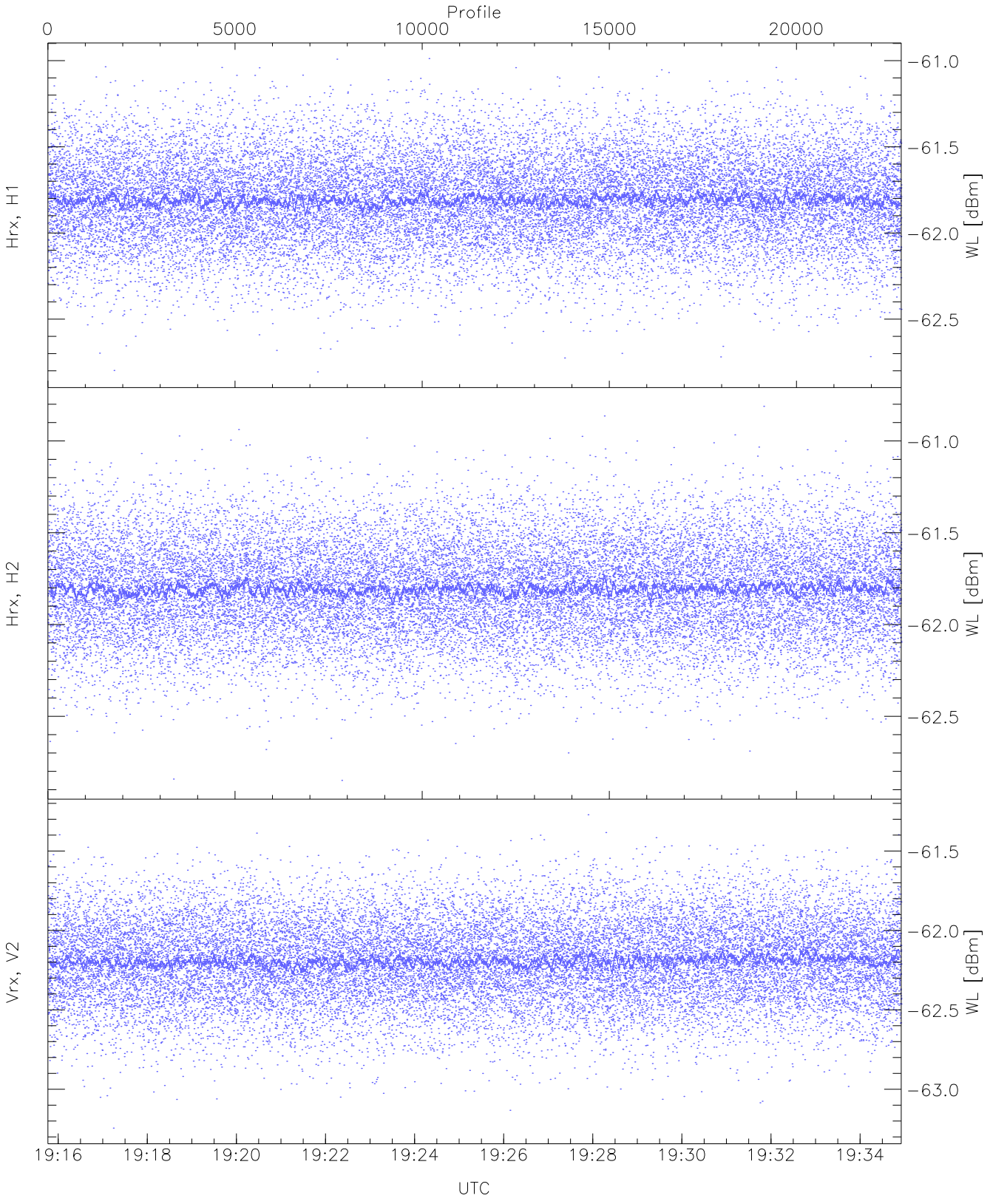
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,11,19,19,22
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,13,21,21,23
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,11,11,11,6)



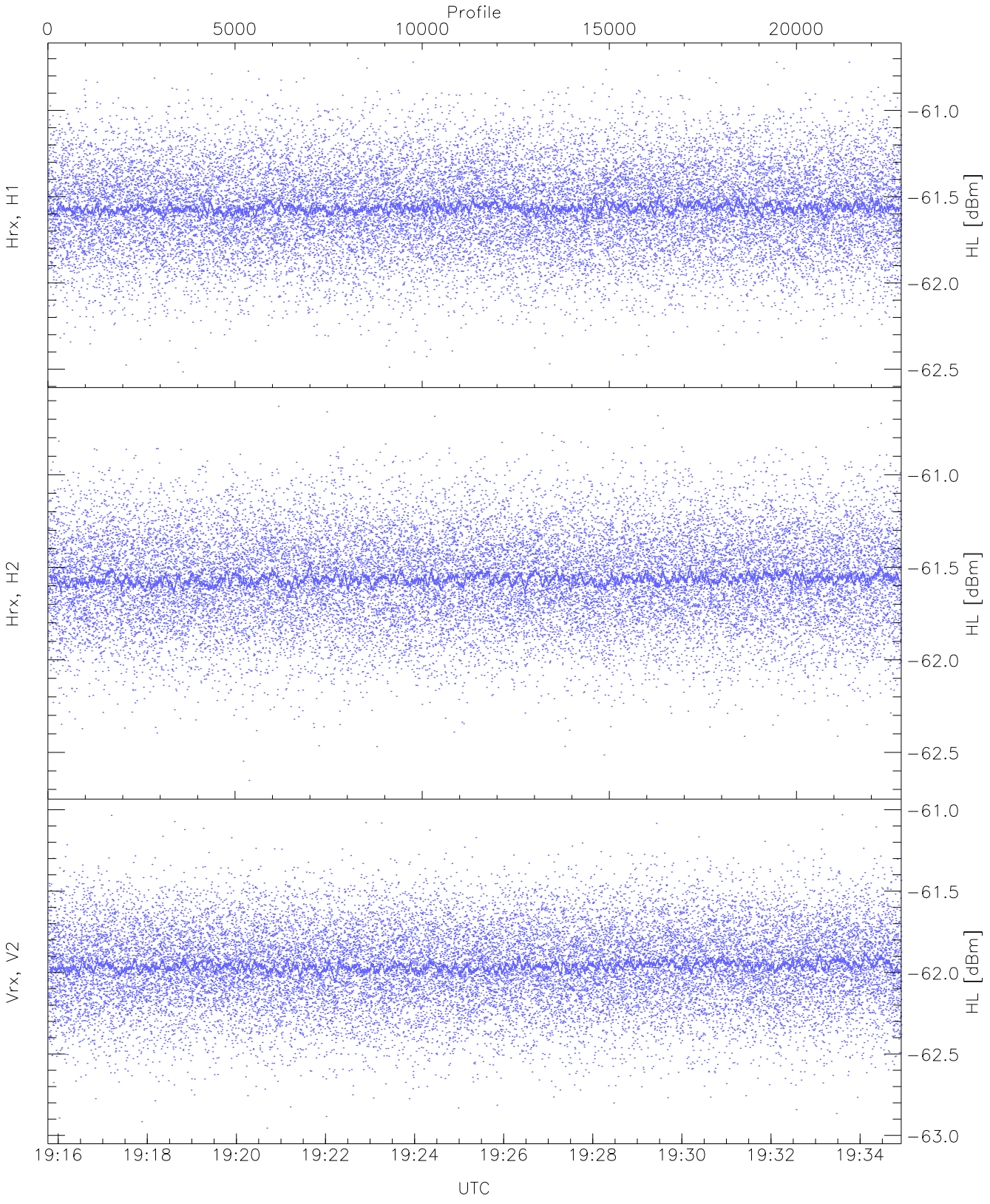
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 207 pixs, 14 gates, 205 profs, 1 prods



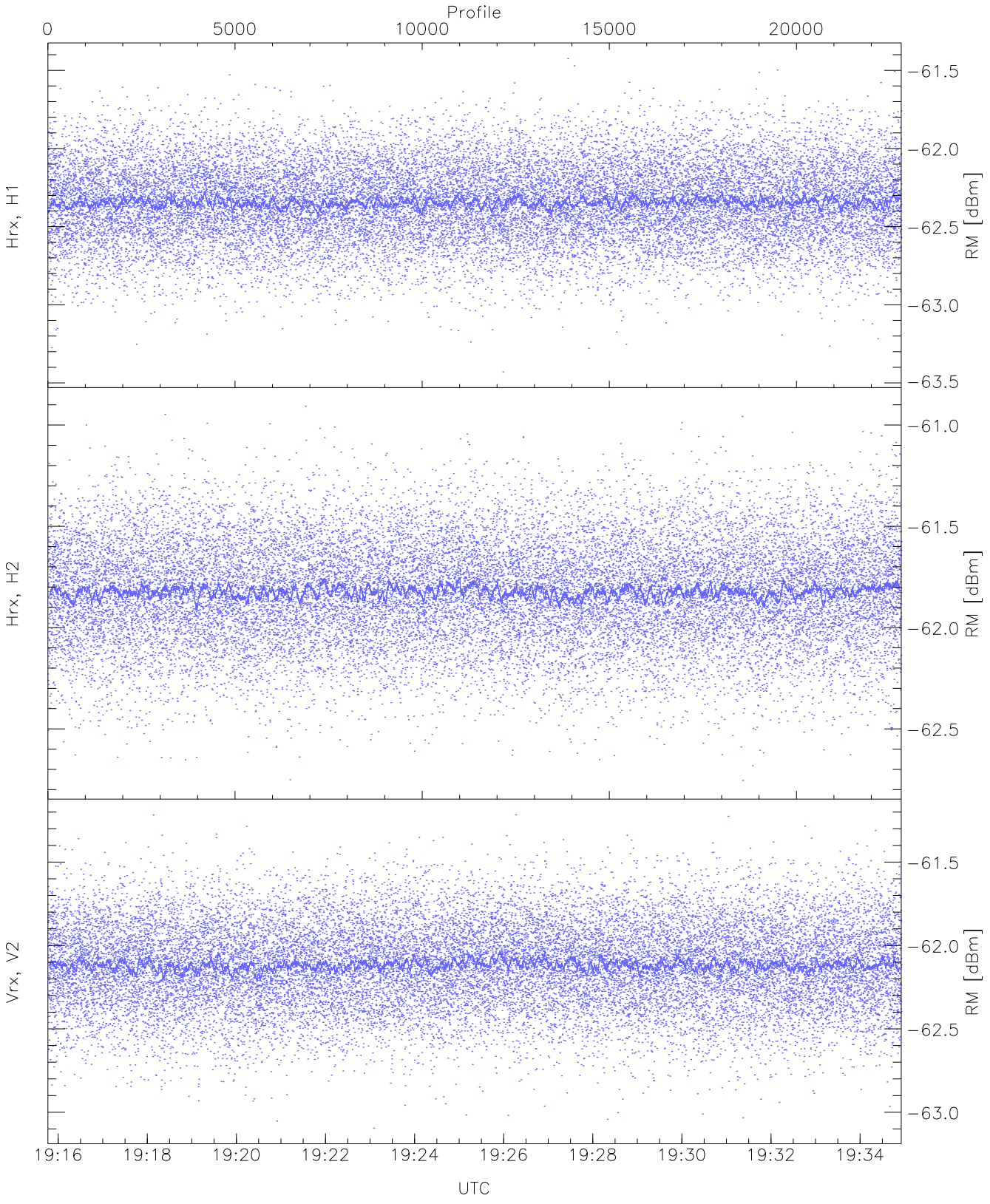
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.81	-60.99	-61.80	-61.81	-74.40
Hrx, H2(WL [dBm])	-62.85	-60.81	-61.80	-61.81	-74.38
Vrx, V2(WL [dBm])	-63.24	-61.27	-62.19	-62.19	-74.73



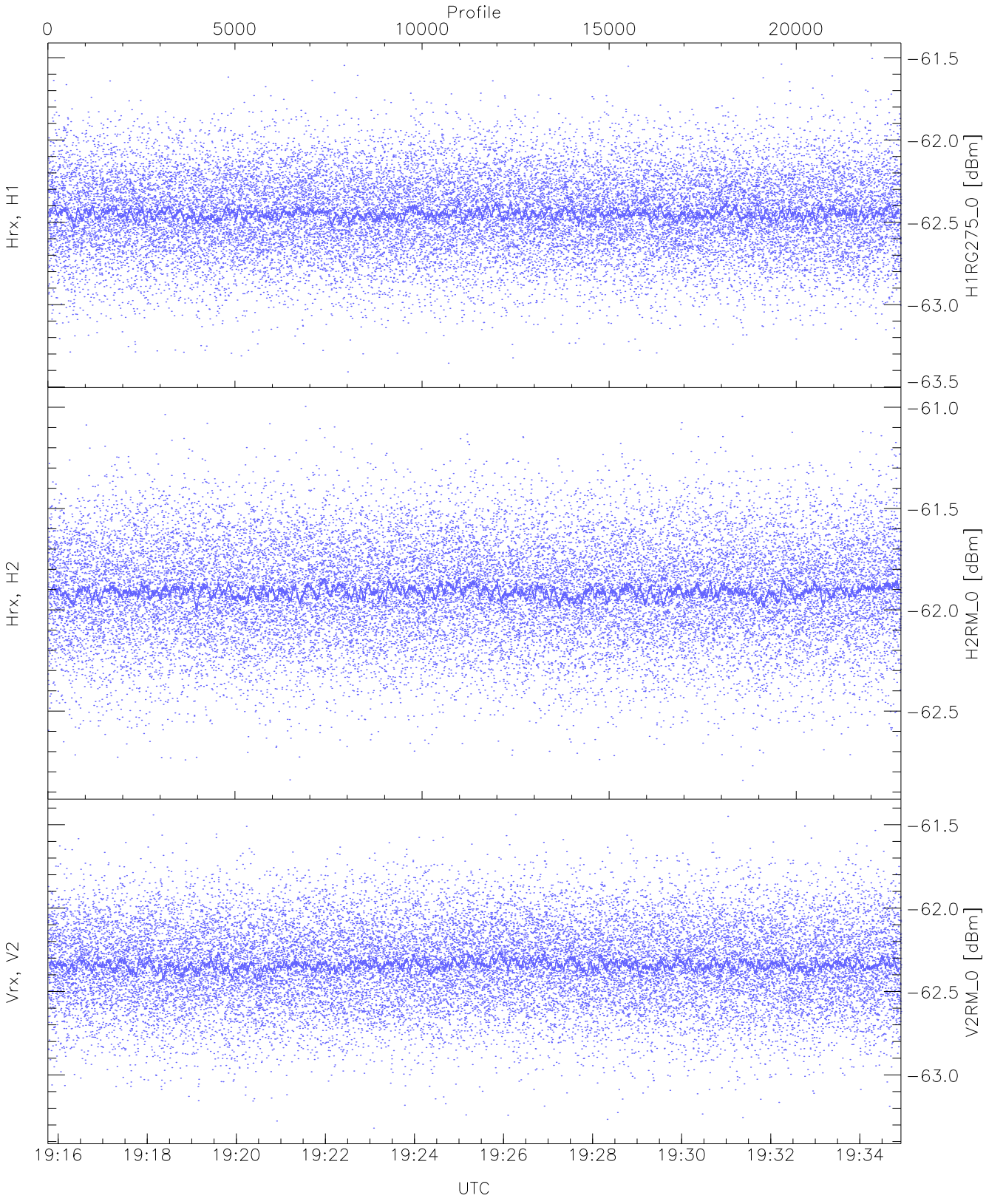
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.52	-60.70	-61.56	-61.57	-74.13
Hrx, H2(HL [dBm])	-62.65	-60.63	-61.56	-61.57	-74.13
Vrx, V2(HL [dBm])	-62.96	-61.03	-61.96	-61.96	-74.50



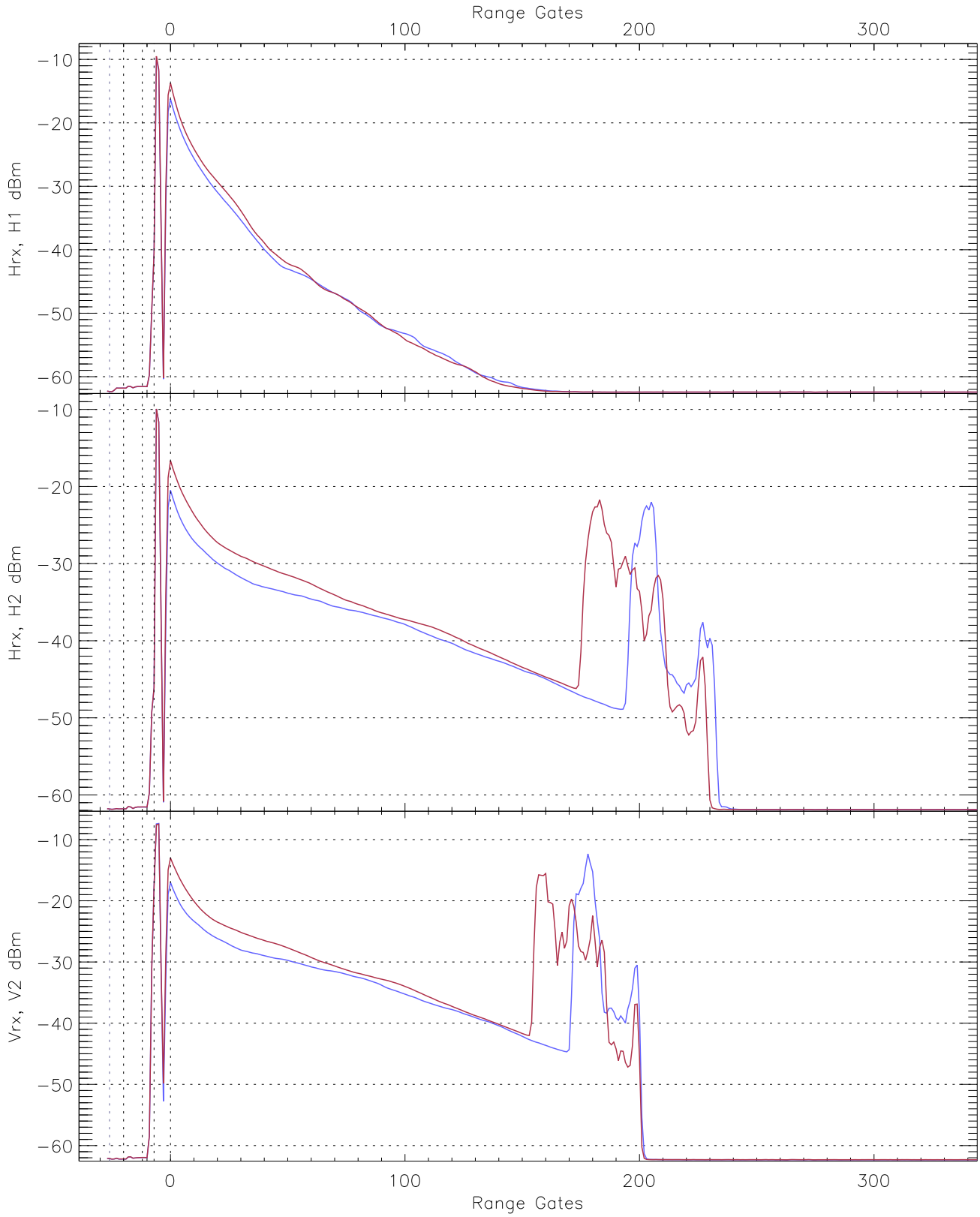
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.43	-61.42	-62.34	-62.34	-74.94
Hrx, H2(RM [dBm])	-62.75	-60.91	-61.82	-61.82	-74.39
Vrx, V2(RM [dBm])	-63.10	-61.22	-62.11	-62.12	-74.65

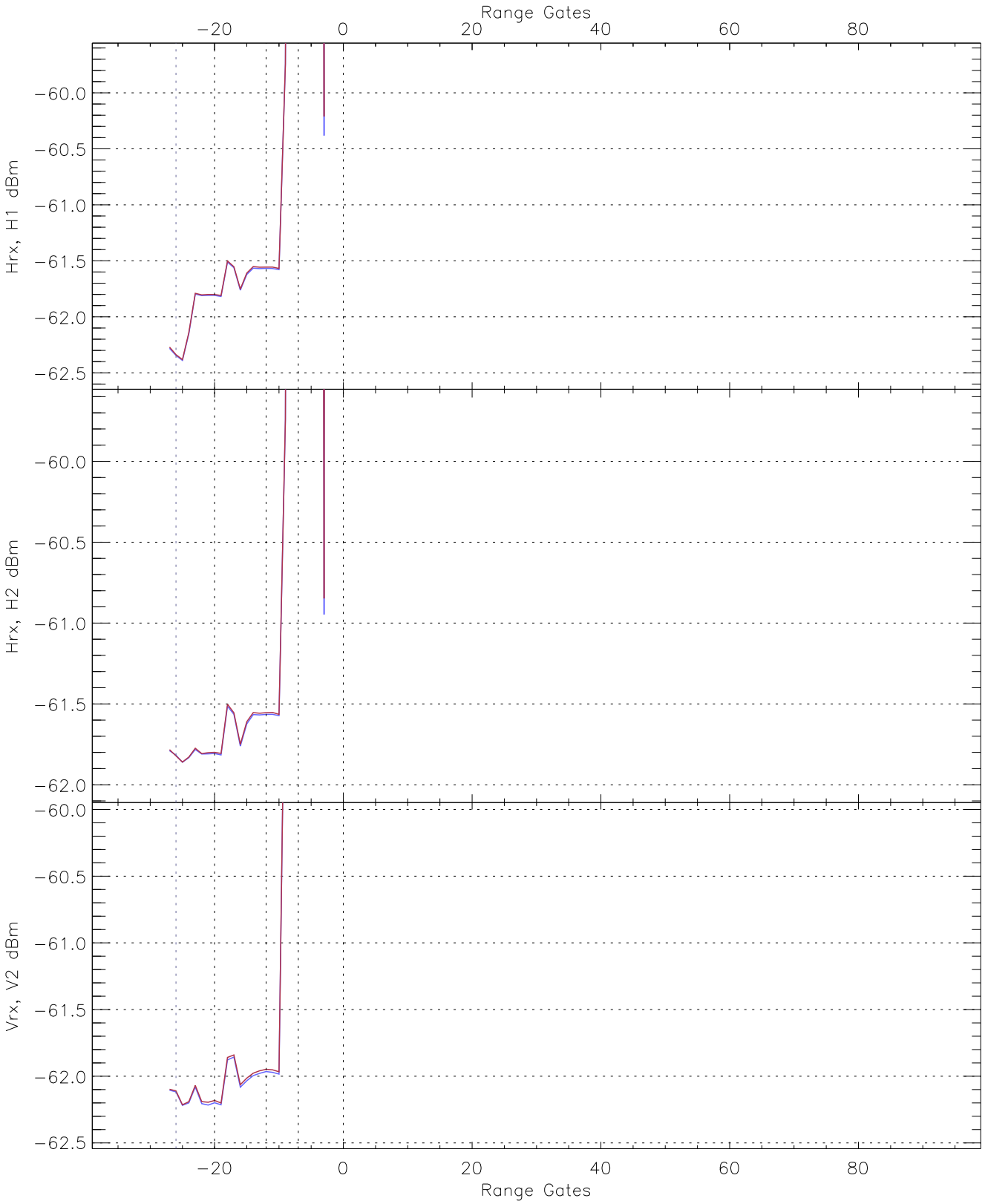


WCR2 CPP "Best" estimate Receivers Noise Power

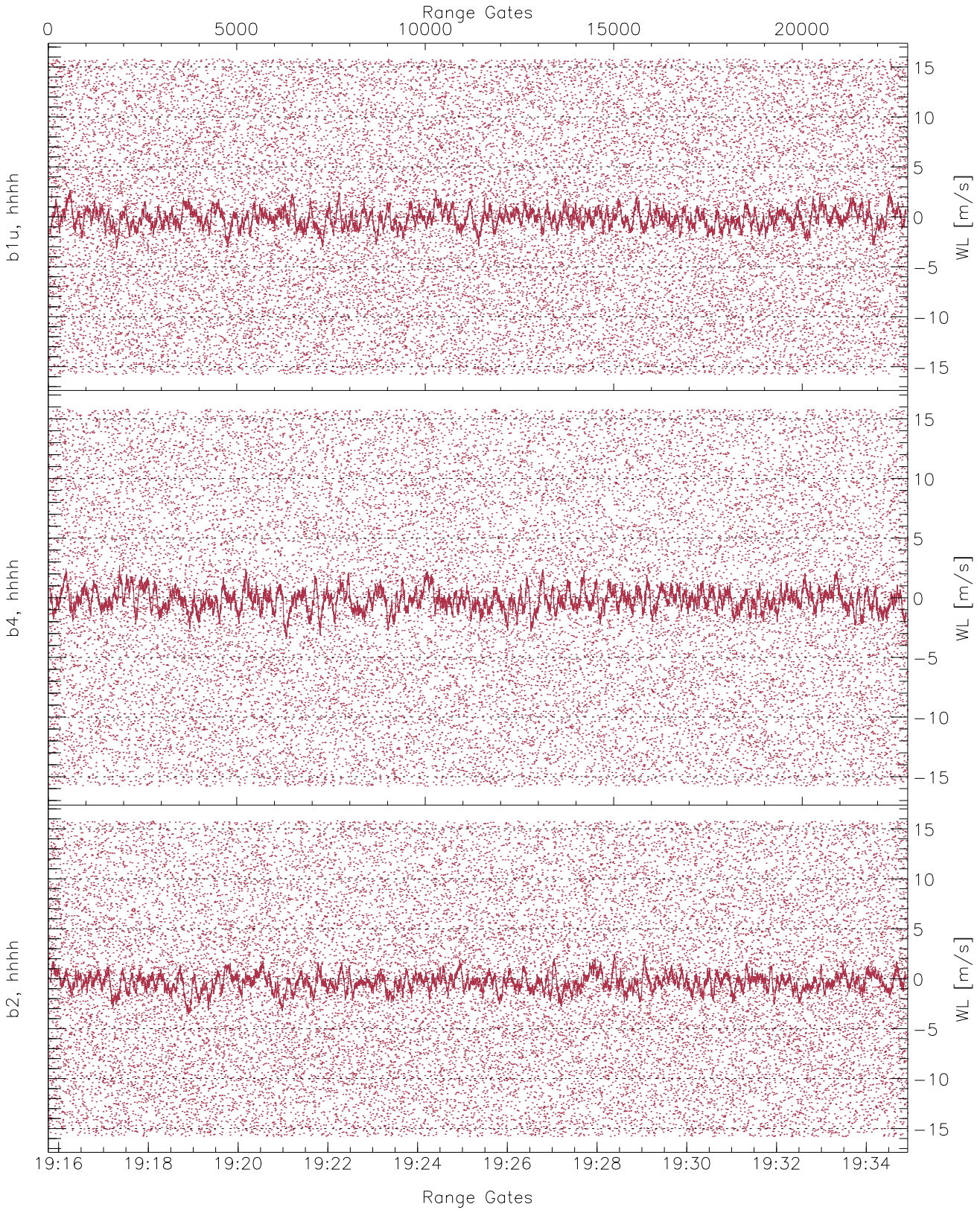
	Min	Max	Mean	Median	StDev
H1RG275_0 [dBm]	-63.41	-61.51	-62.44	-62.45	-75.00
H2RM_0 [dBm]	-62.84	-61.00	-61.91	-61.91	-74.47
V2RM_0 [dBm]	-63.32	-61.44	-62.34	-62.34	-74.87



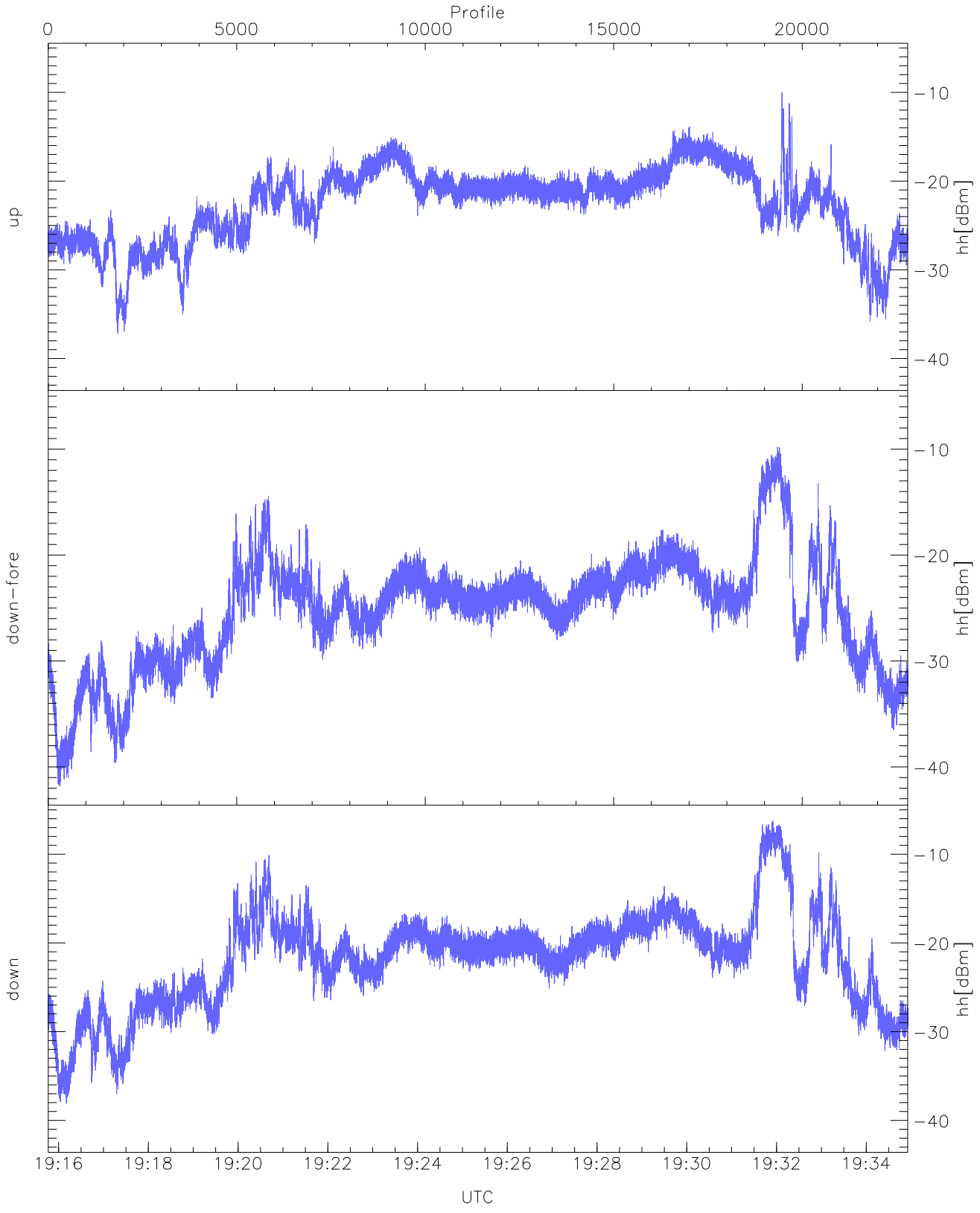
WCR2 CPP Averaged Received power for all recorded gates
blue: 191546-192521, 11401 profiles averaged
red: 192521-193455, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 191546-192521, 11401 profiles averaged
red: 192521-193455, 11400 profiles averaged

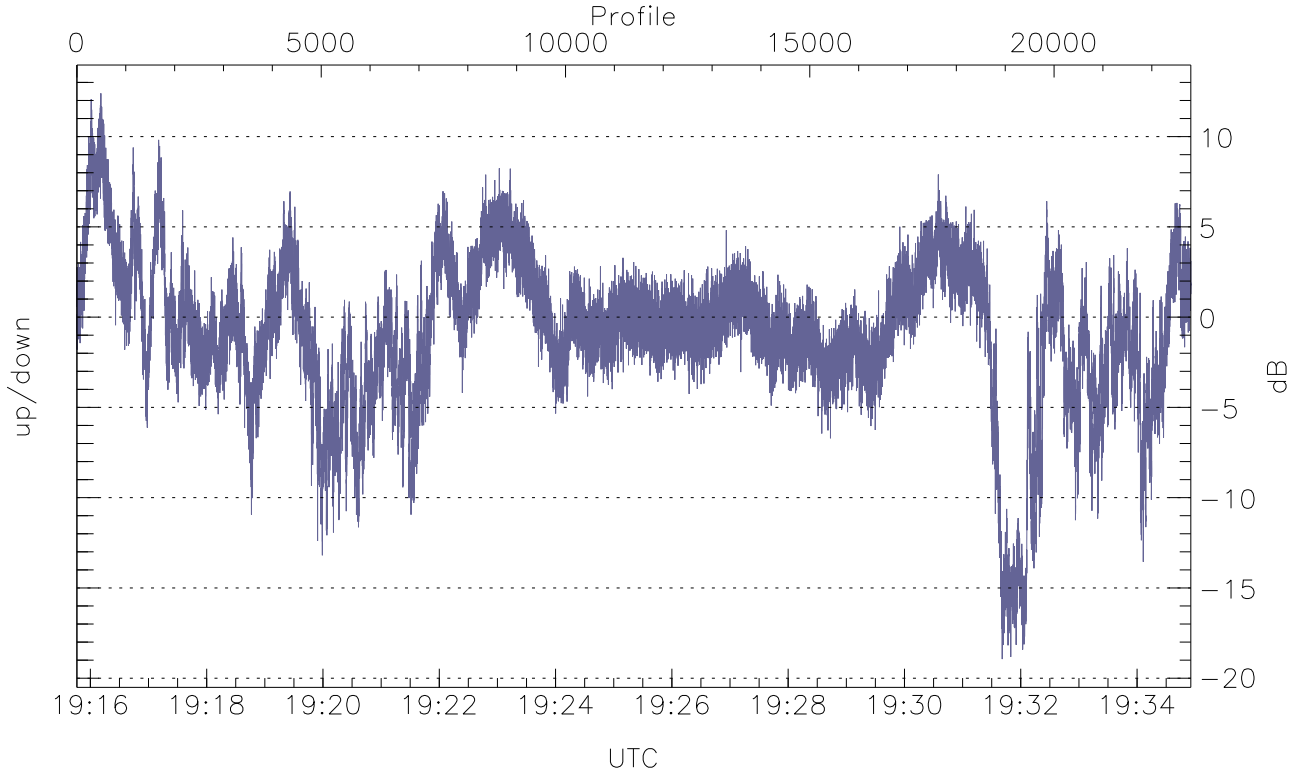


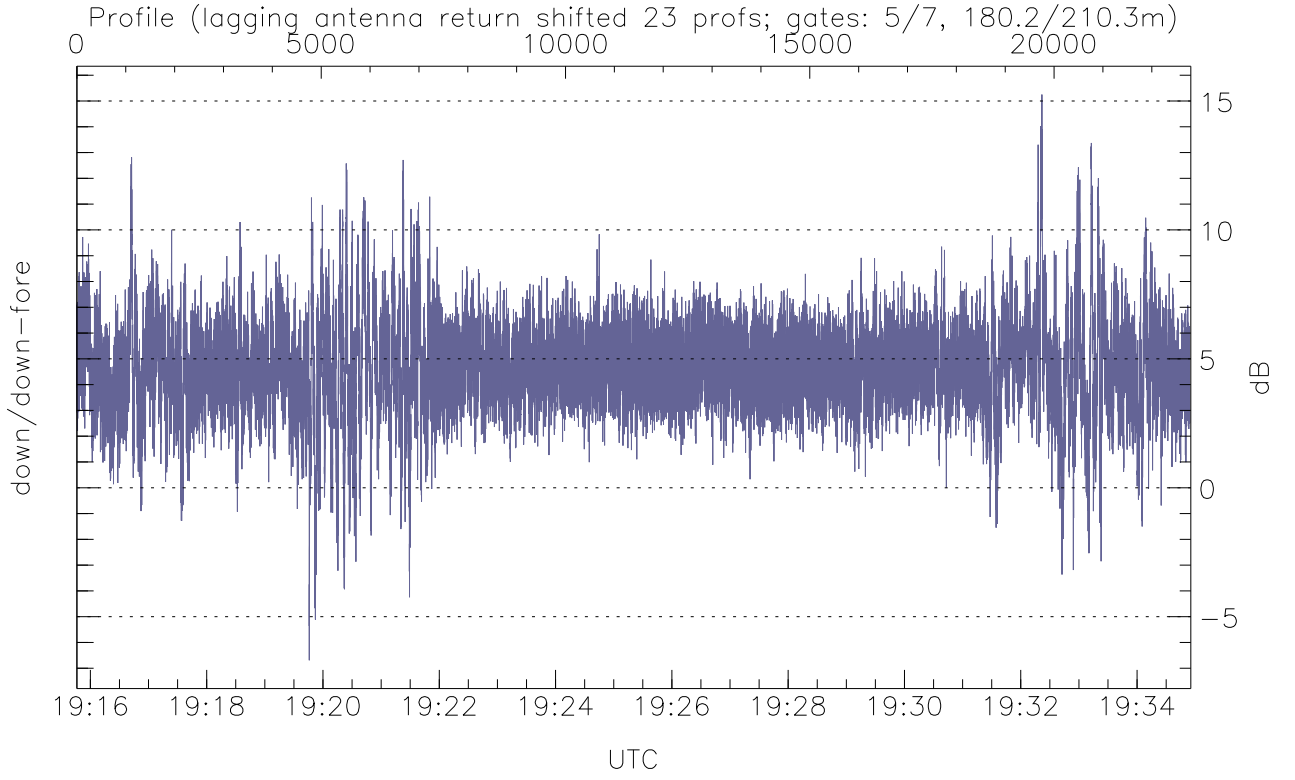
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

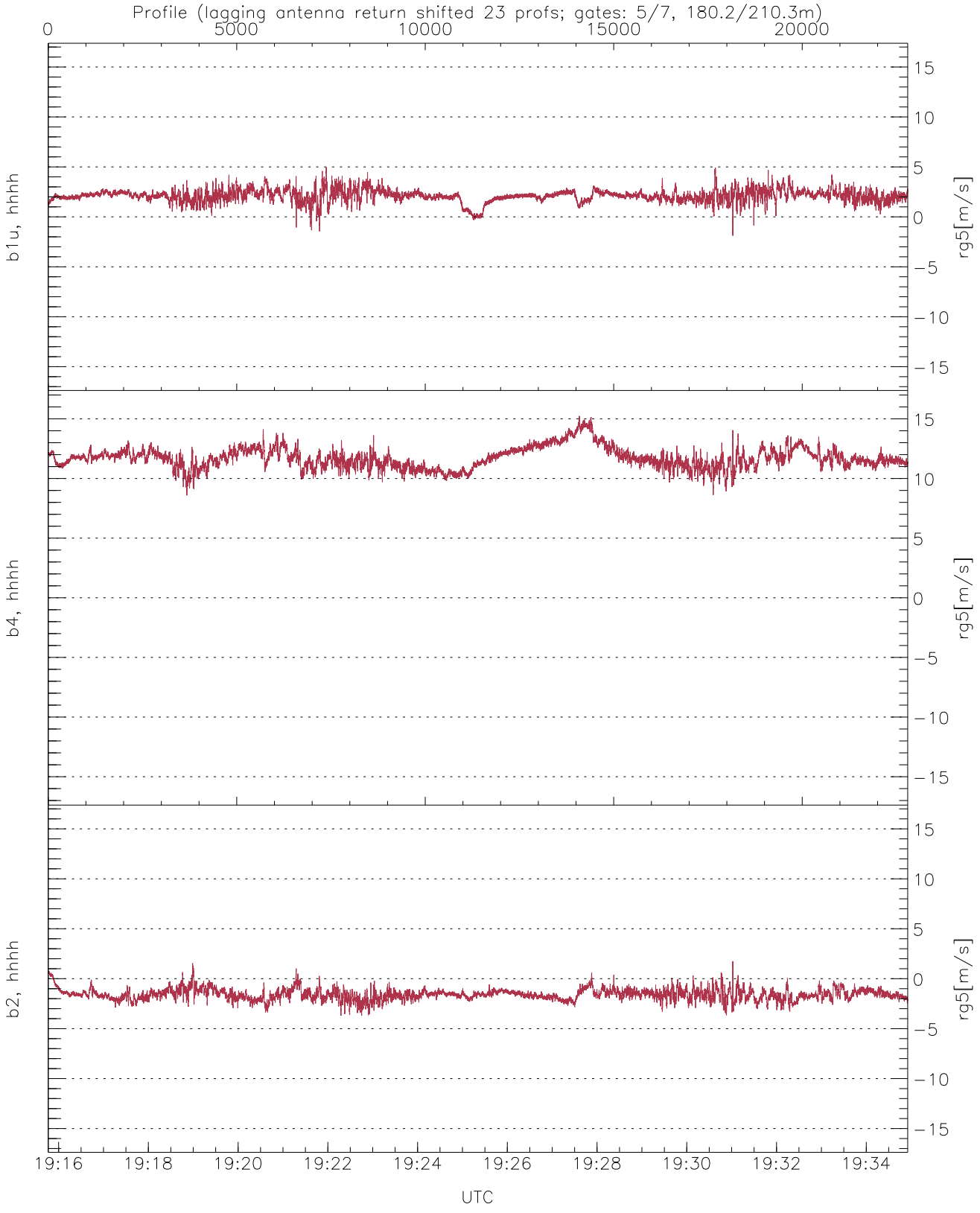
	Min	Max	Mean
up(hh[dBm])	-37.19	-10.01	-20.95
down-fore(hh[dBm])	-41.82	-9.78	-22.34
down(hh[dBm])	-38.09	-6.24	-18.67





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

	Min	Max	Mean
up/down(dB)	-18.94	12.40	-0.77
down/down-fore(dB)	-6.69	15.25	4.65



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.89	4.96	2.09	0.63
b4, hhhh(rg5[m/s])	8.58	15.24	11.71	0.89
b2, hhhh(rg5[m/s])	-3.71	1.75	-1.58	0.57