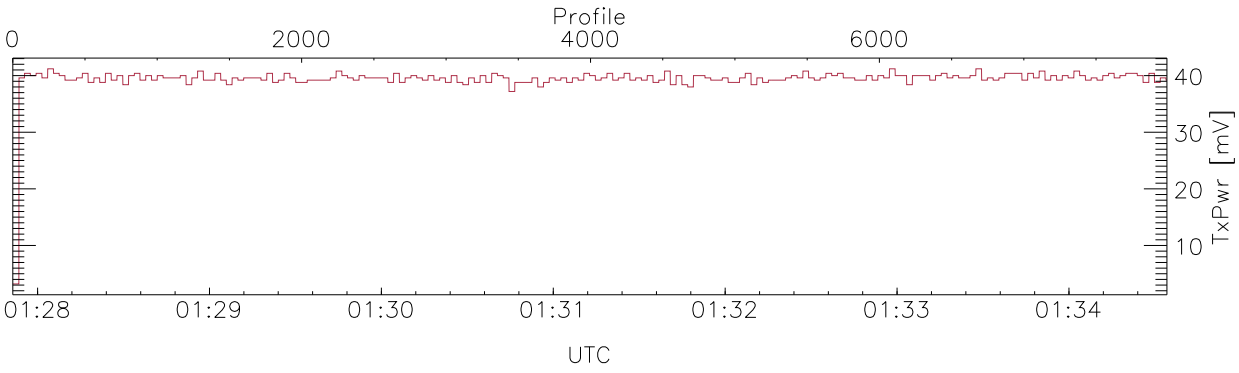
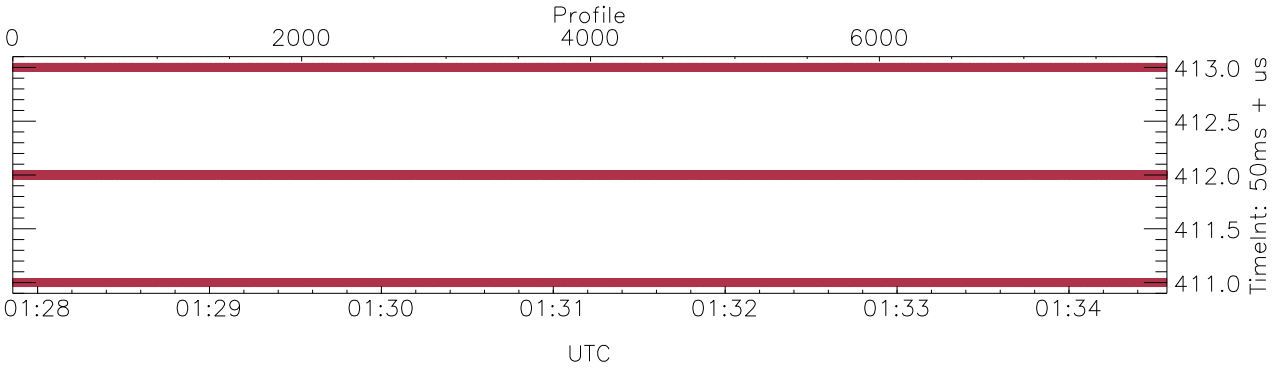
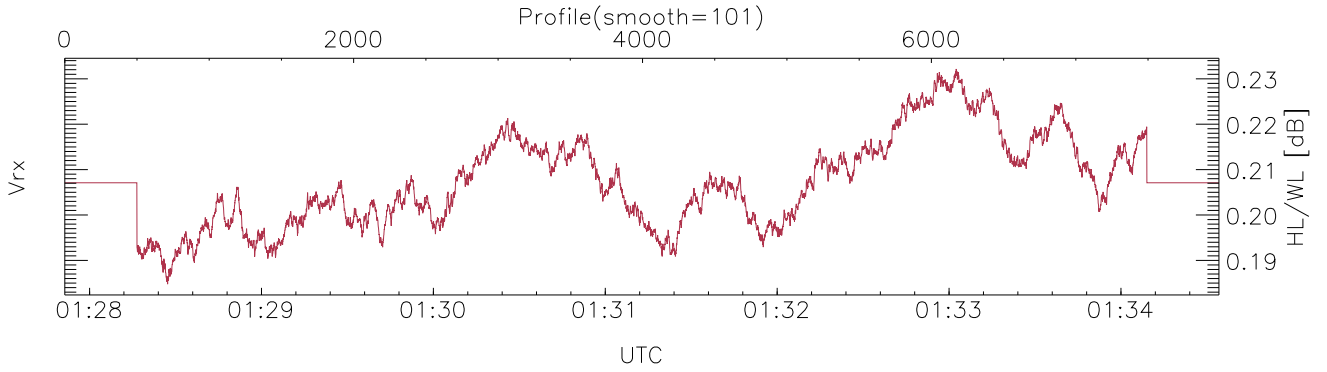
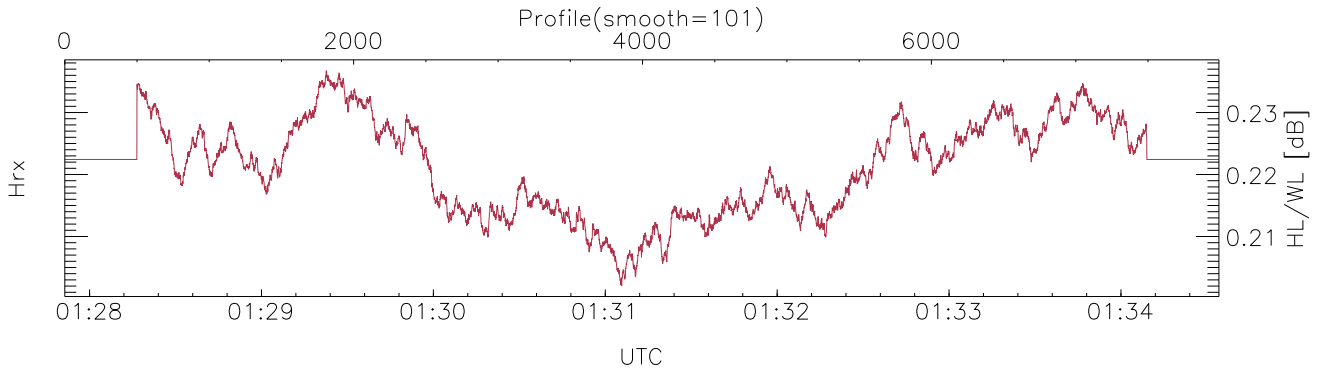


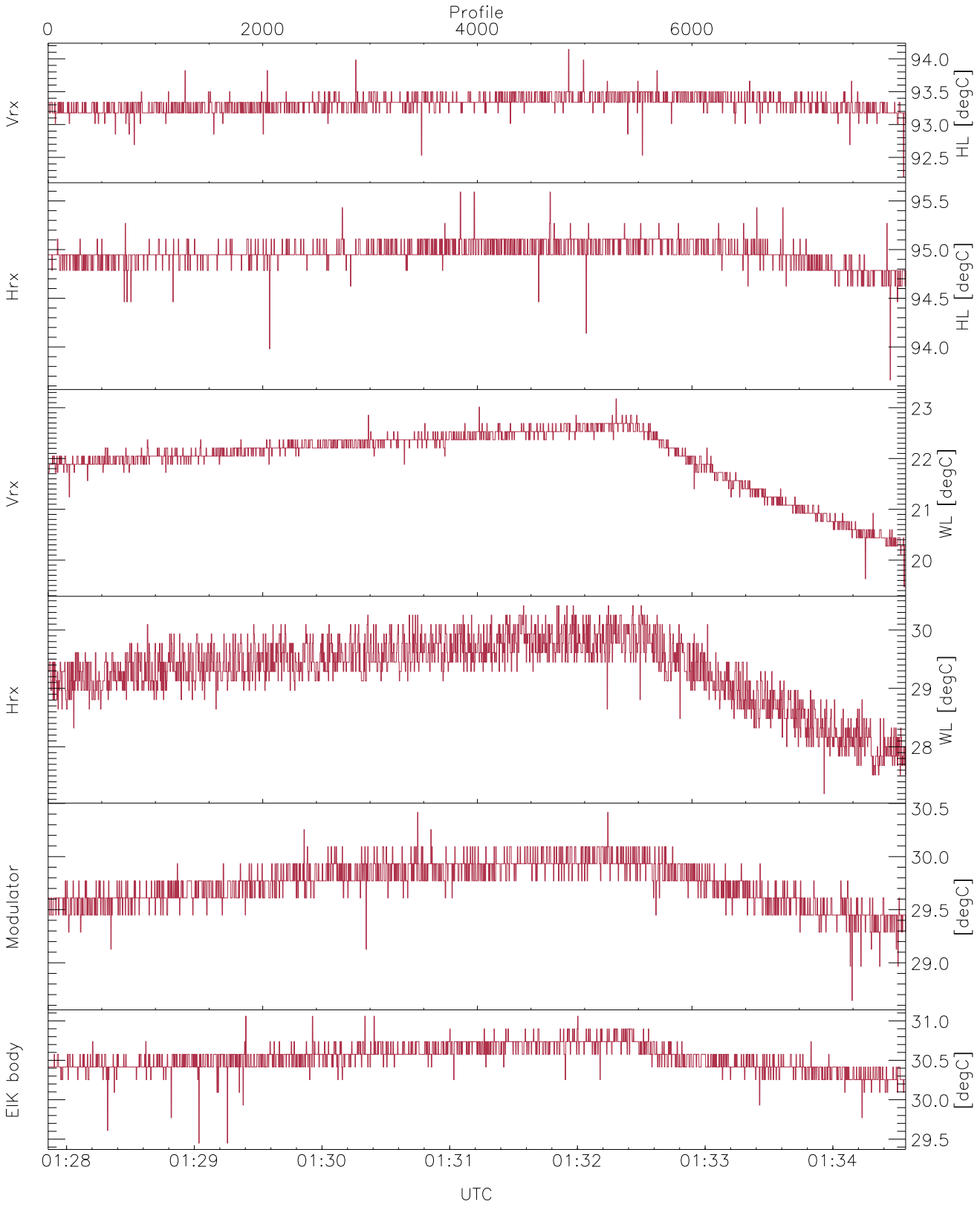






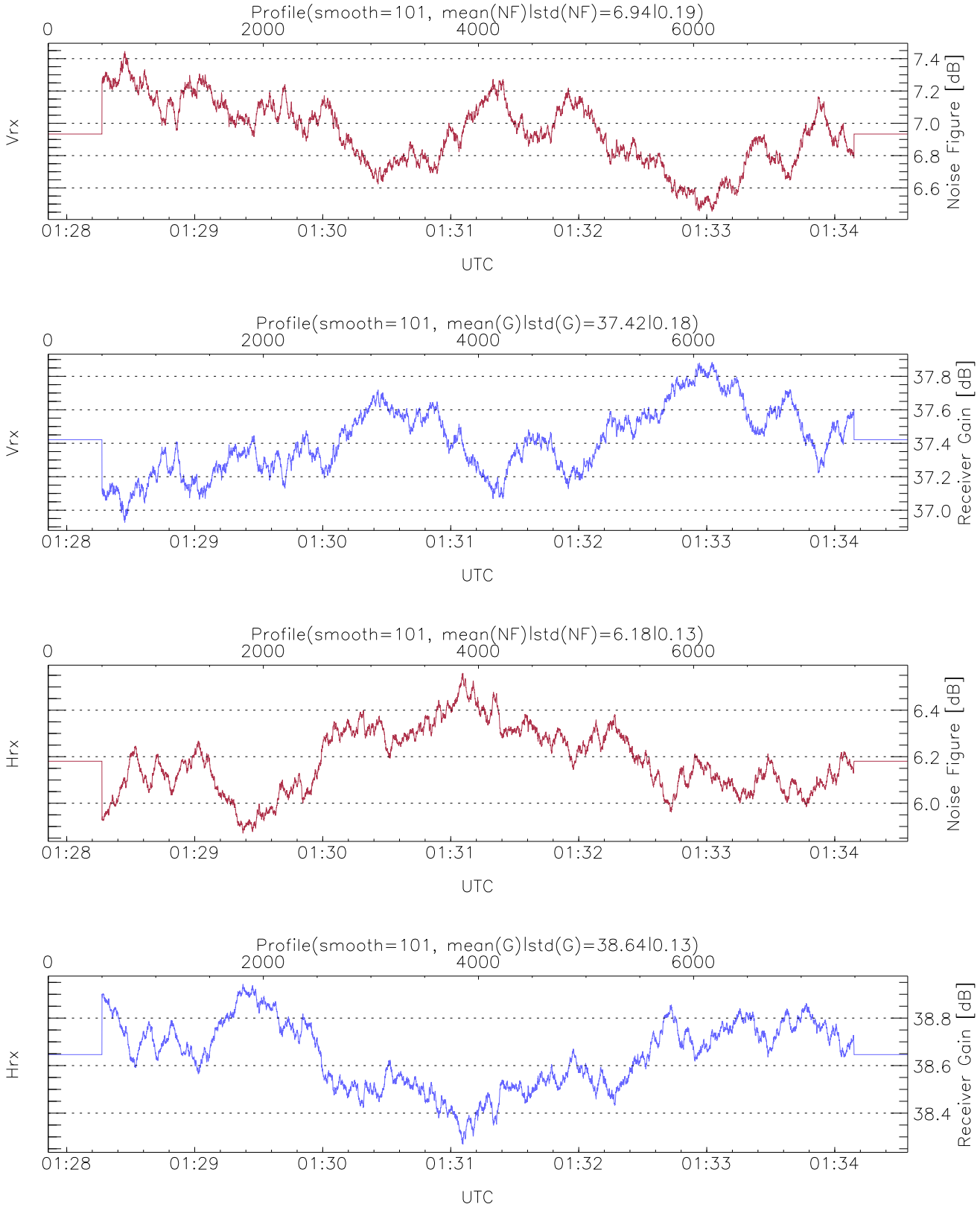
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 01:27:51-01:34:34, Dur: 402.85s
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): 7992/7992, 0-7991/01:27:51-01:34:34
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



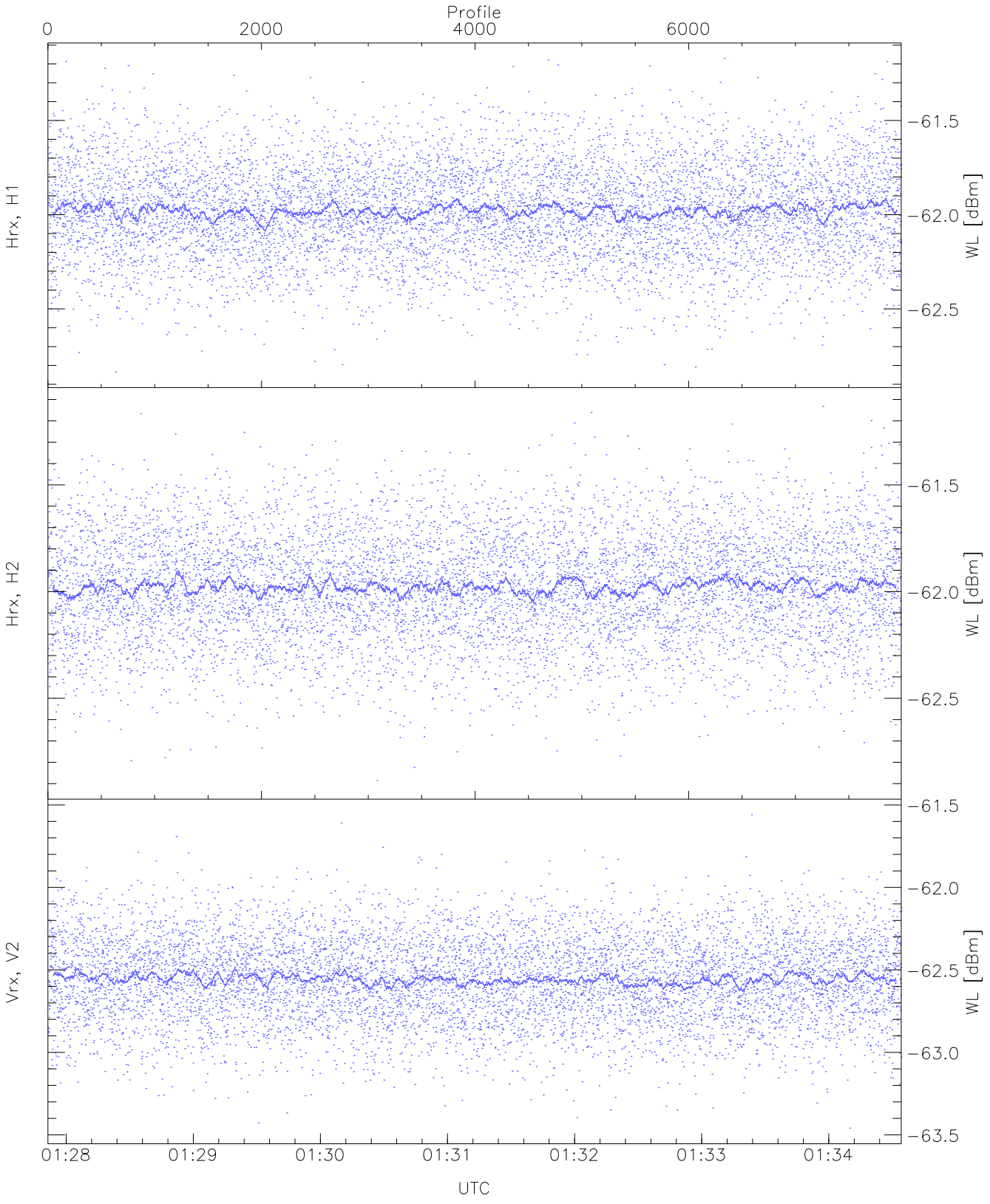
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,19,27,28,29
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,95,23,30,30,31
LOalarm(20,80,240,2.8,14.8 MHz): 5,0,0,0,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,11,11,11,5)



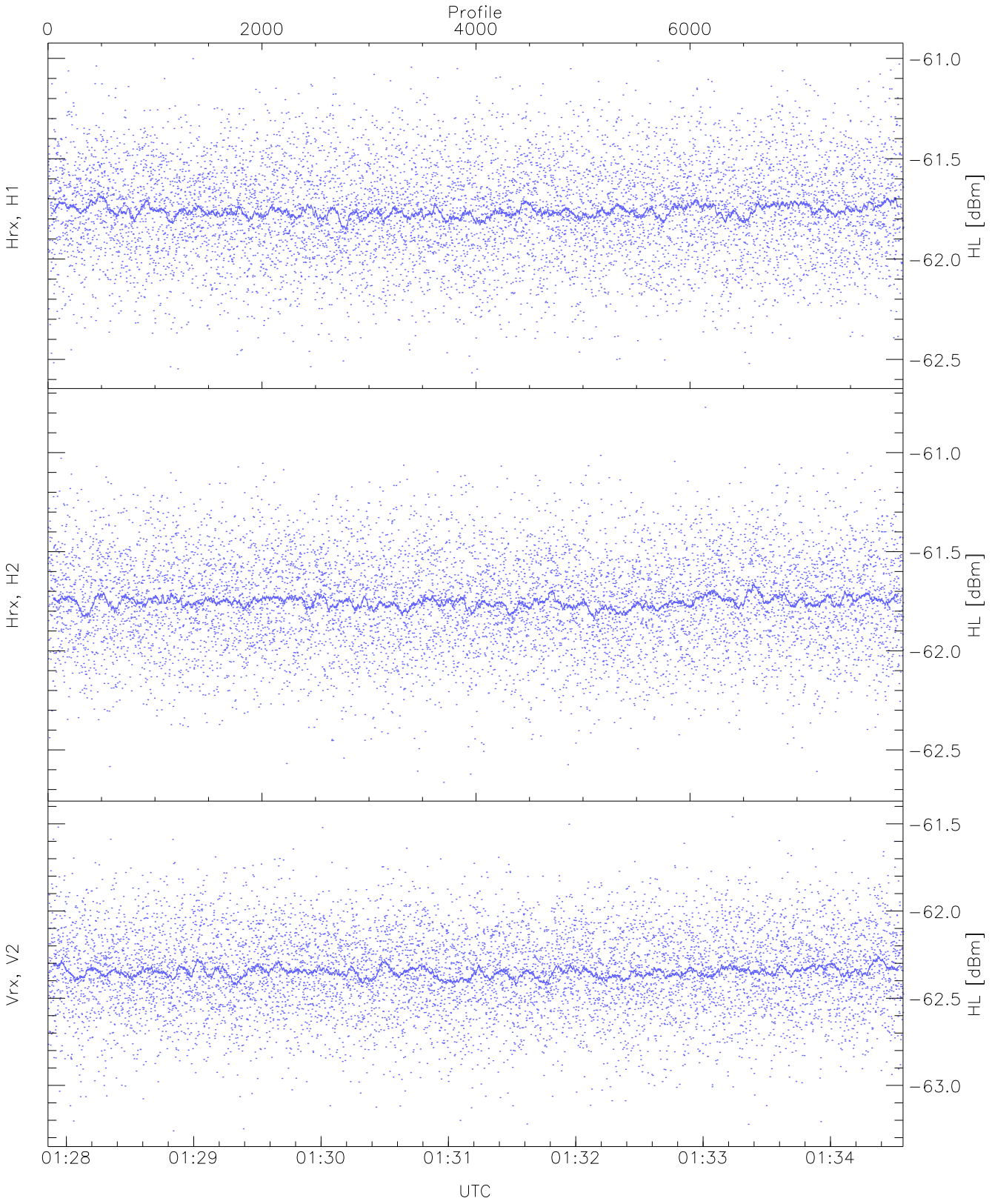
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1022 pixs, 4 gates, 1022 profs, 1 prods



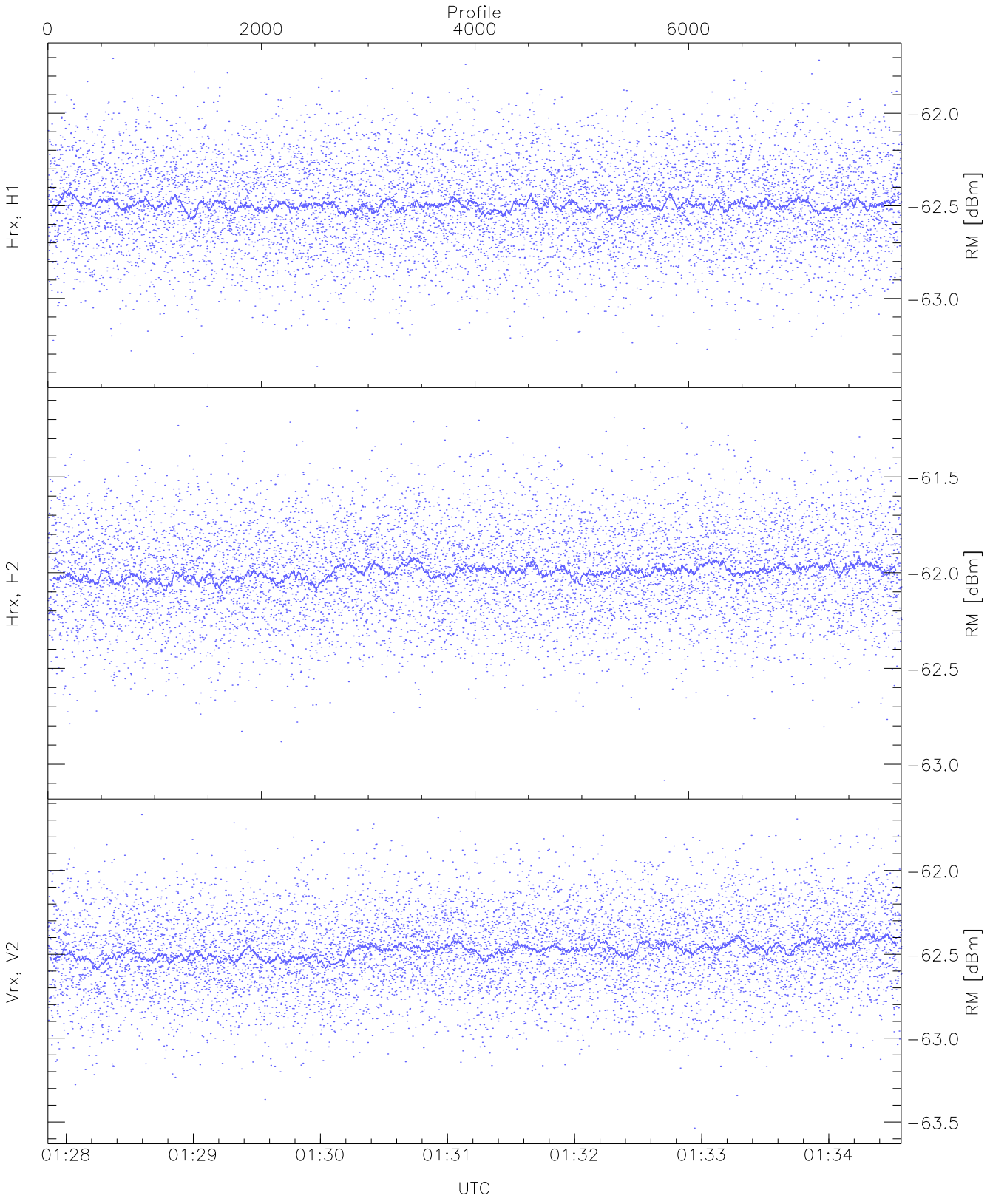
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.83	-61.17	-61.98	-61.98	-74.60
Hrx, H2(WL [dBm])	-62.88	-61.13	-61.97	-61.98	-74.57
Vrx, V2(WL [dBm])	-63.46	-61.56	-62.55	-62.56	-75.08



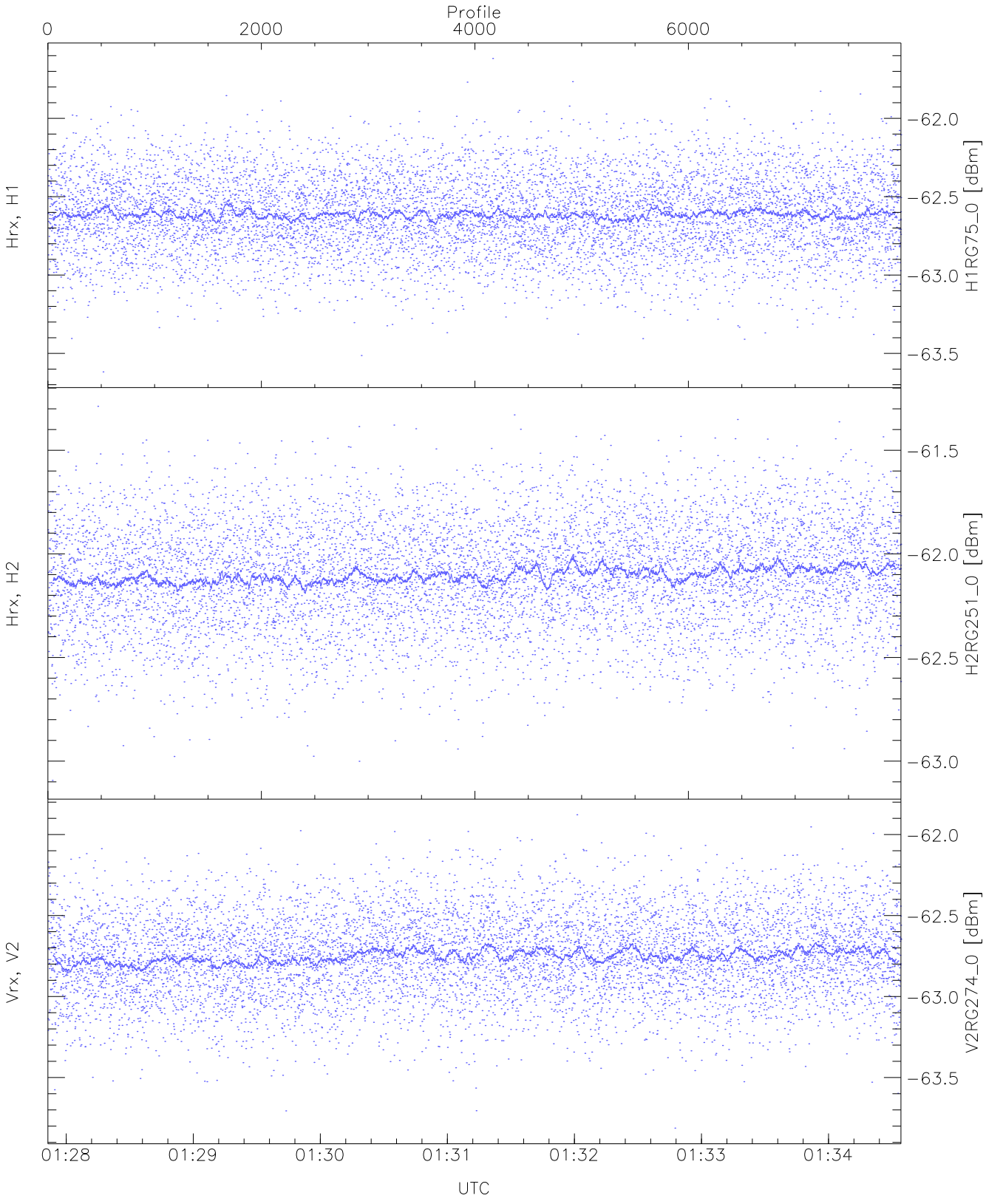
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.57	-61.00	-61.76	-61.76	-74.35
Hrx, H2(HL [dBm])	-62.66	-60.77	-61.75	-61.75	-74.30
Vrx, V2(HL [dBm])	-63.26	-61.46	-62.34	-62.35	-74.91



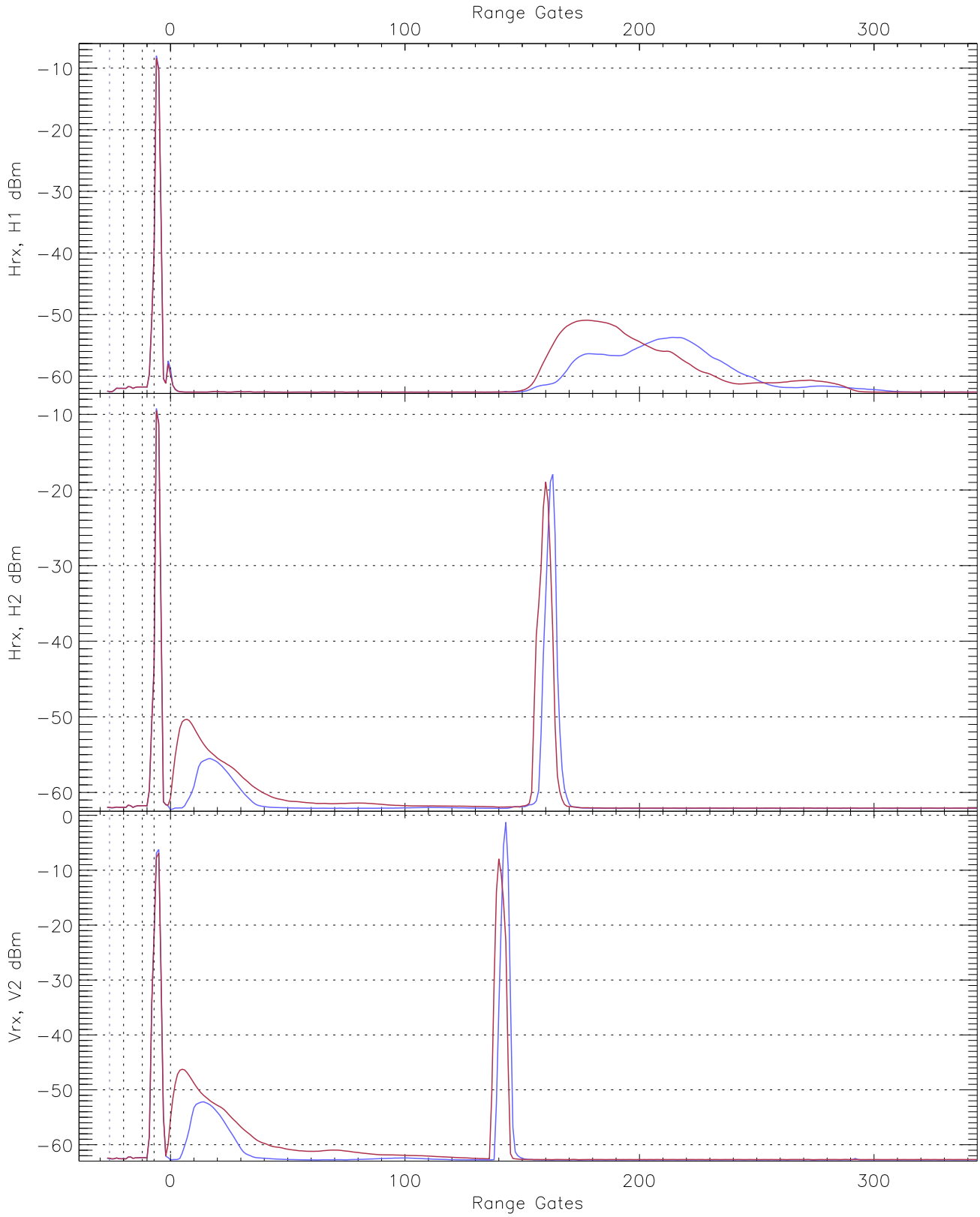
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.40	-61.71	-62.49	-62.50	-75.09
Hrx, H2(RM [dBm])	-63.08	-61.13	-61.99	-62.00	-74.50
Vrx, V2(RM [dBm])	-63.54	-61.67	-62.47	-62.48	-75.02

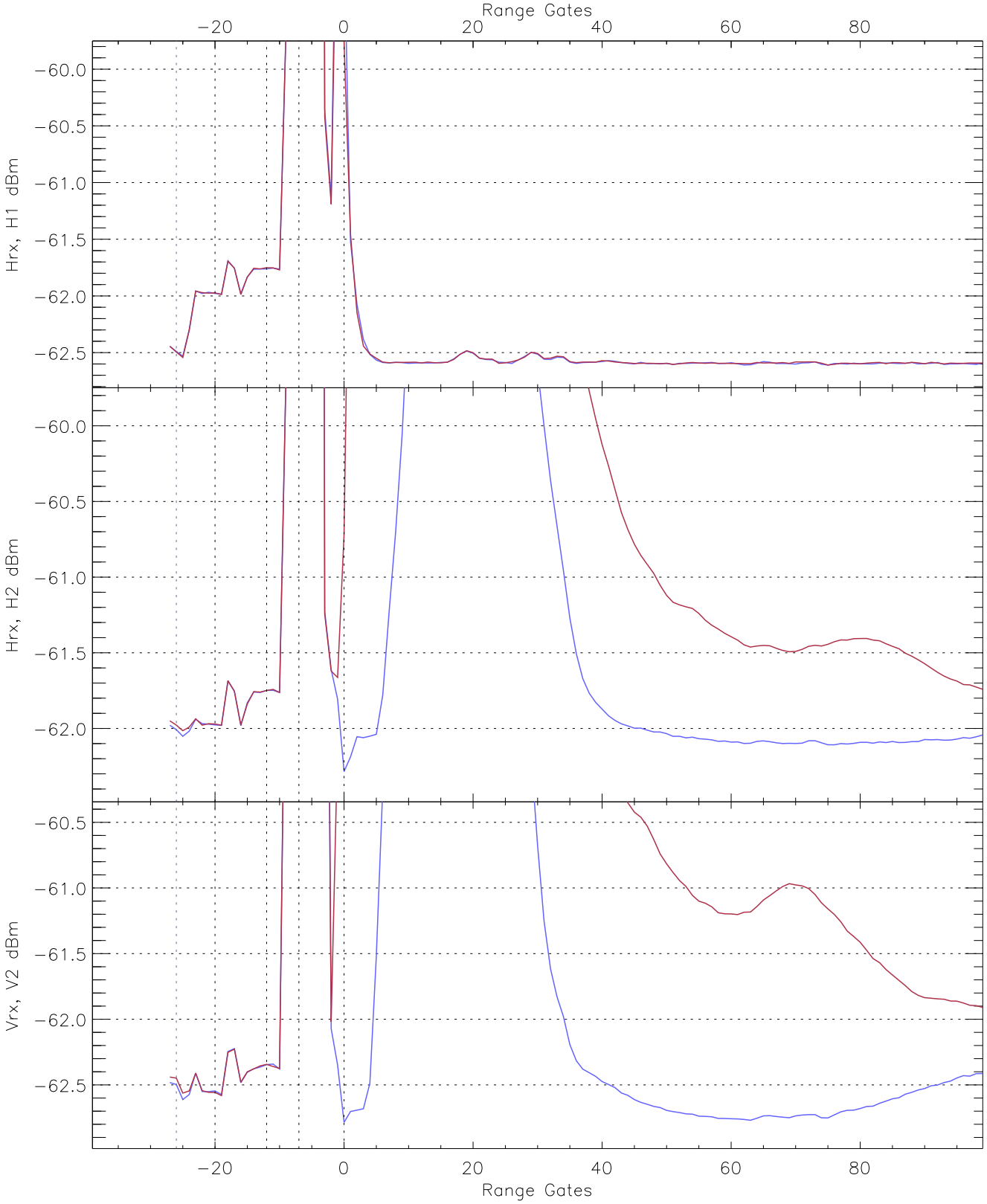


WCR2 CPP "Best" estimate Receivers Noise Power

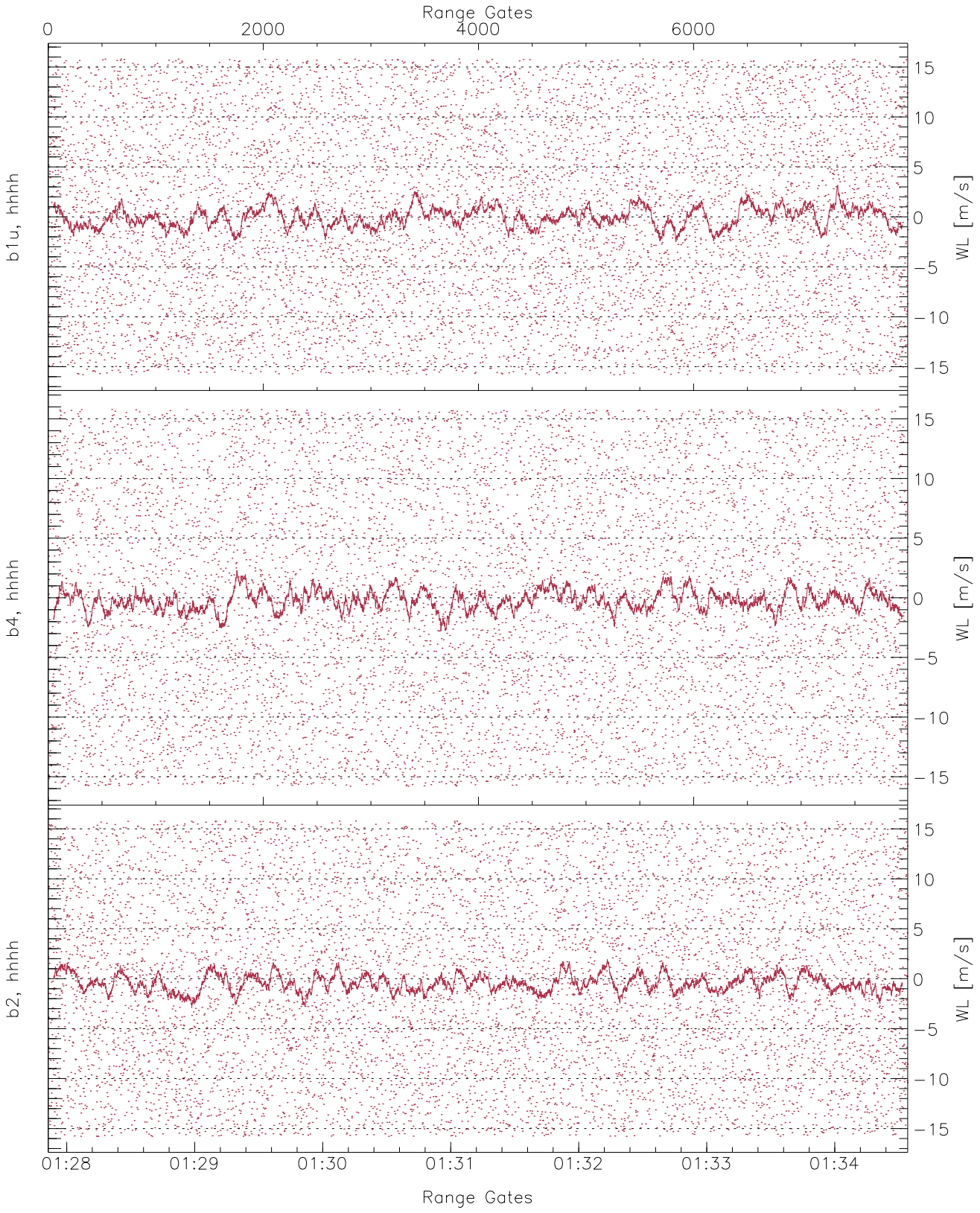
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.62	-61.62	-62.61	-62.62	-75.18
H2RG251_0 [dBm]	-63.09	-61.29	-62.10	-62.10	-74.68
V2RG274_0 [dBm]	-63.81	-61.88	-62.75	-62.75	-75.27



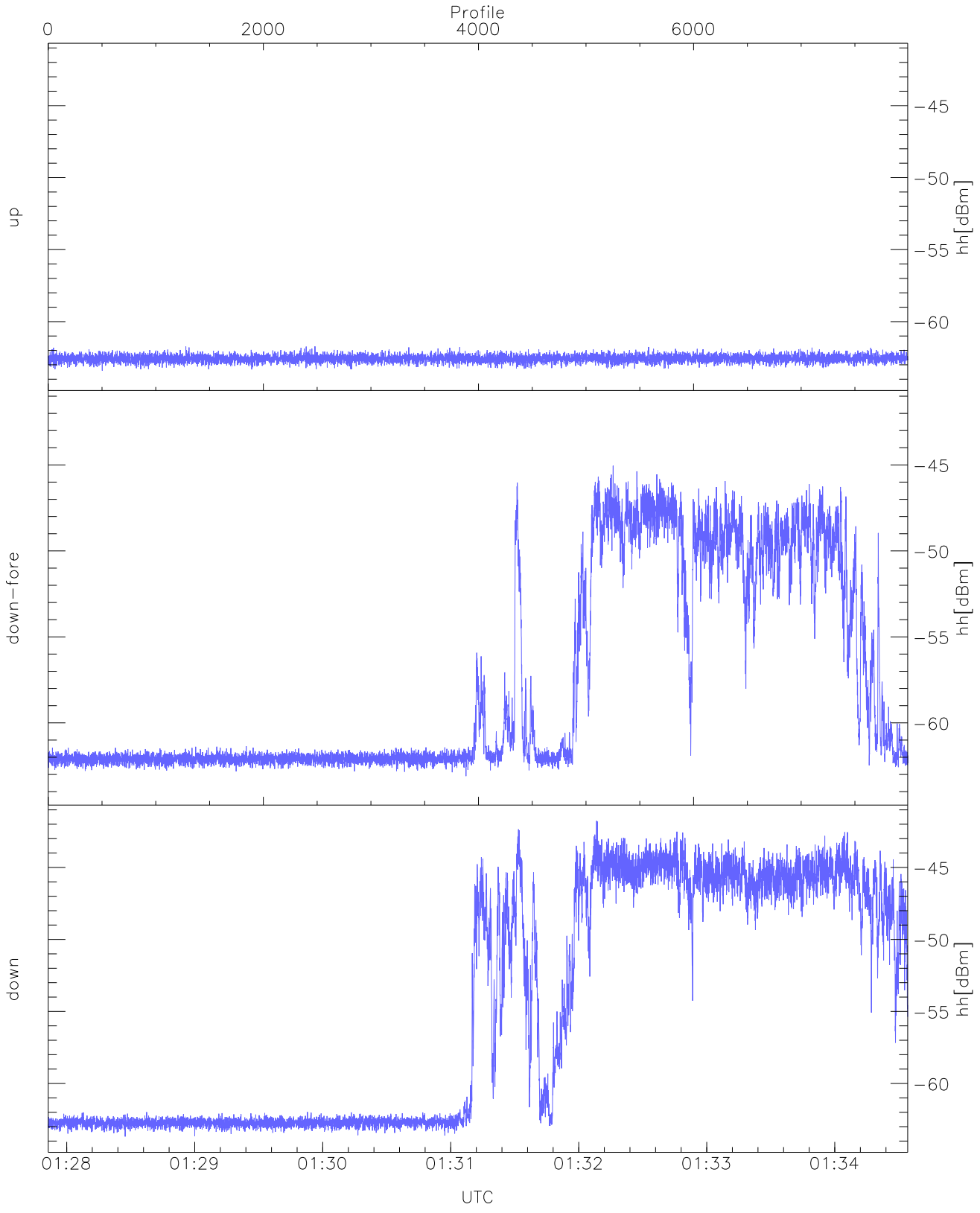
WCR2 CPP Averaged Received power for all recorded gates
blue: 012751-013113, 3997 profiles averaged
red: 013113-013434, 3996 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 012751-013113, 3997 profiles averaged
red: 013113-013434, 3996 profiles averaged

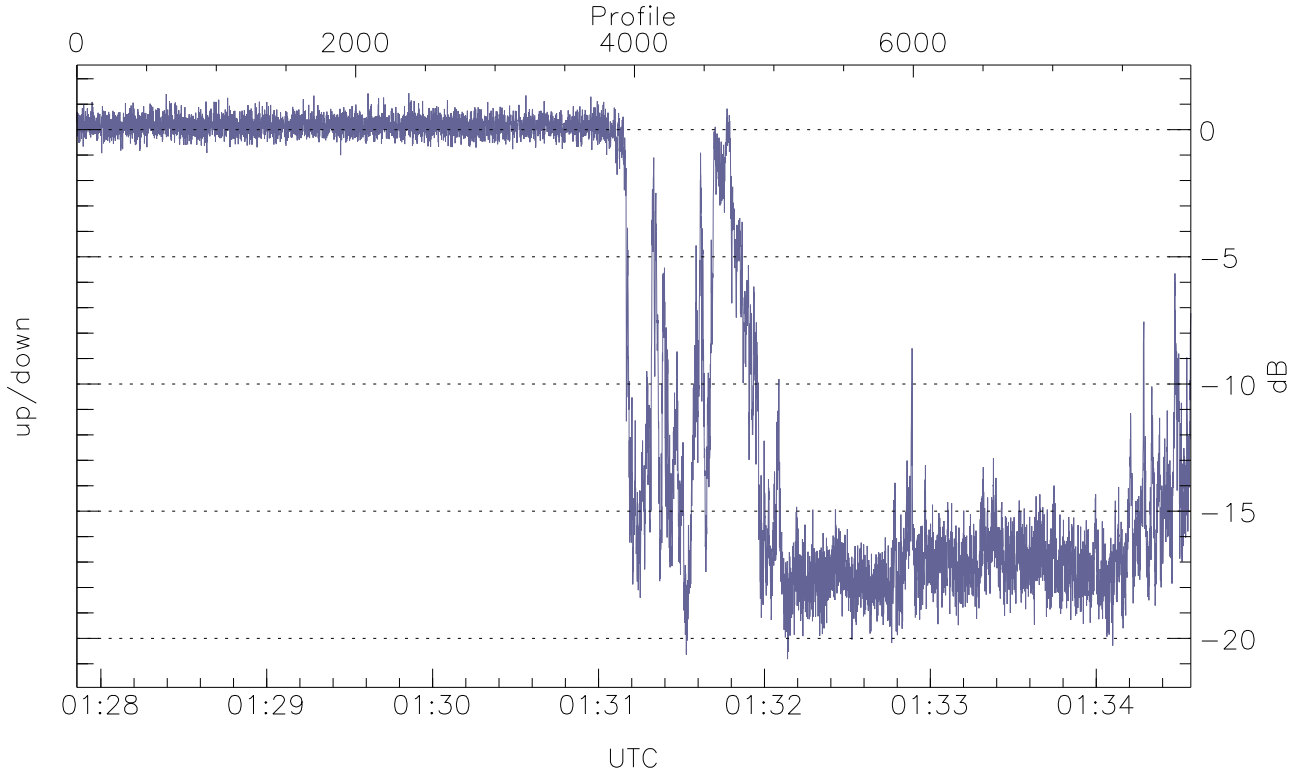


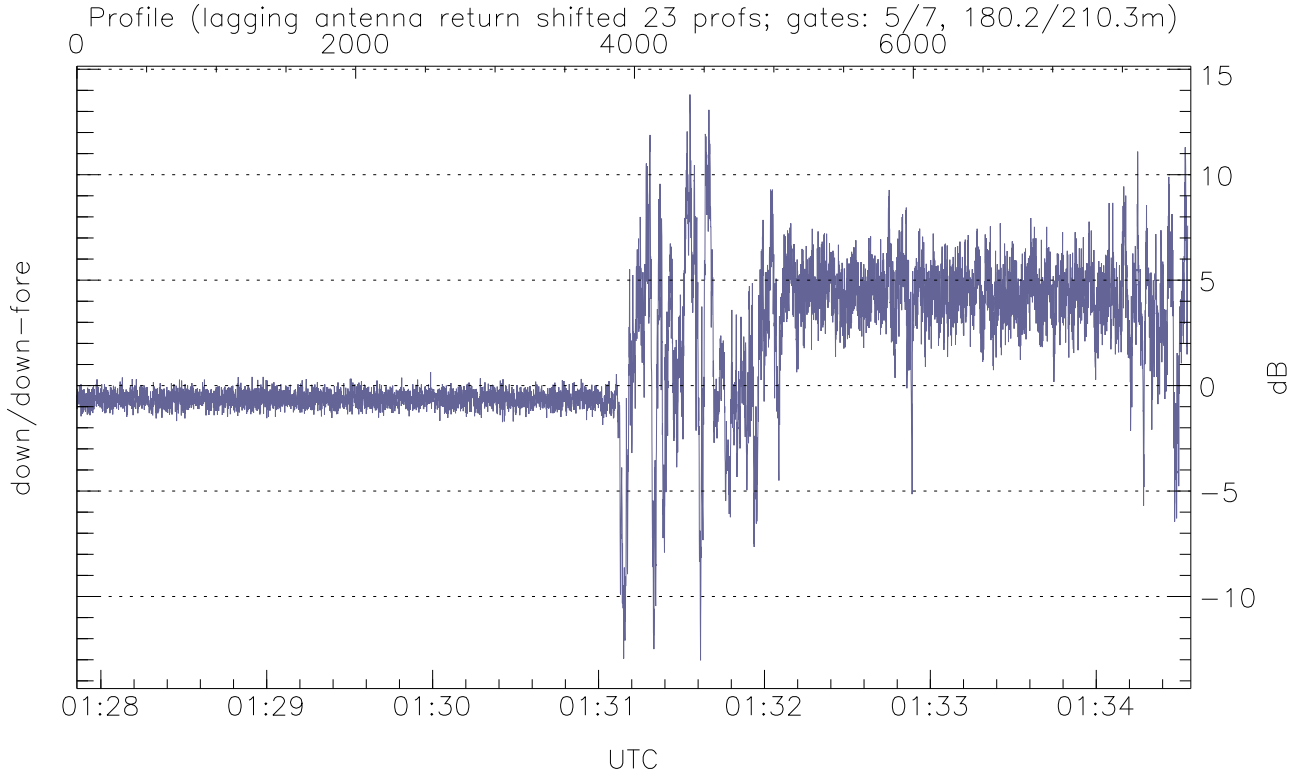
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

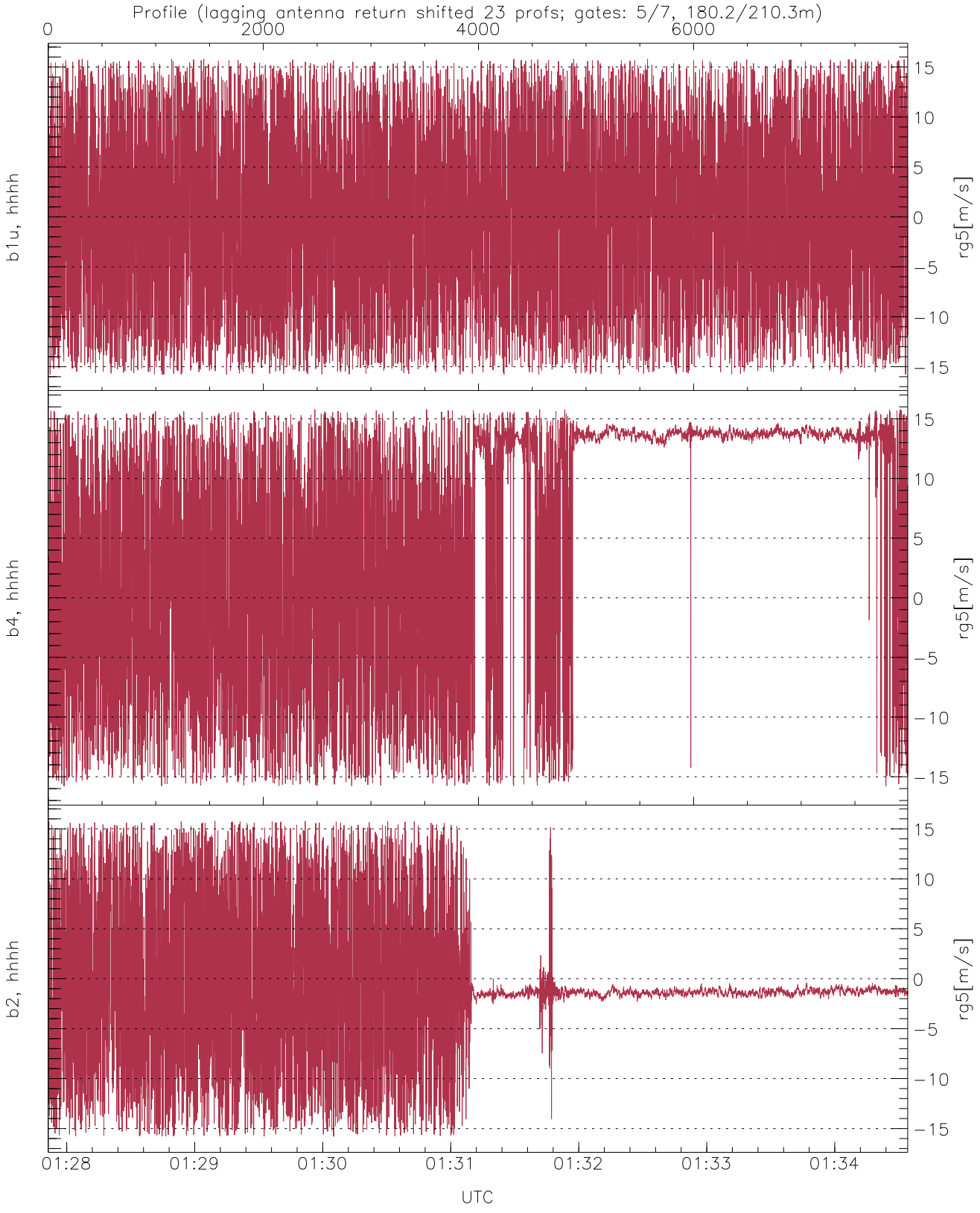
	Min	Max	Mean
up(hh[dBm])	-63.40	-61.72	-62.56
down-fore(hh[dBm])	-63.10	-45.04	-53.37
down(hh[dBm])	-63.69	-41.76	-49.14





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

	Min	Max	Mean
up/down(dB)	-20.81	1.43	-7.56
down/down-fore(dB)	-13.02	13.80	1.41



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.80	-0.15	8.87
b4, hhhh(rg5[m/s])	-15.80	15.79	5.82	9.65
b2, hhhh(rg5[m/s])	-15.79	15.79	-0.96	6.30