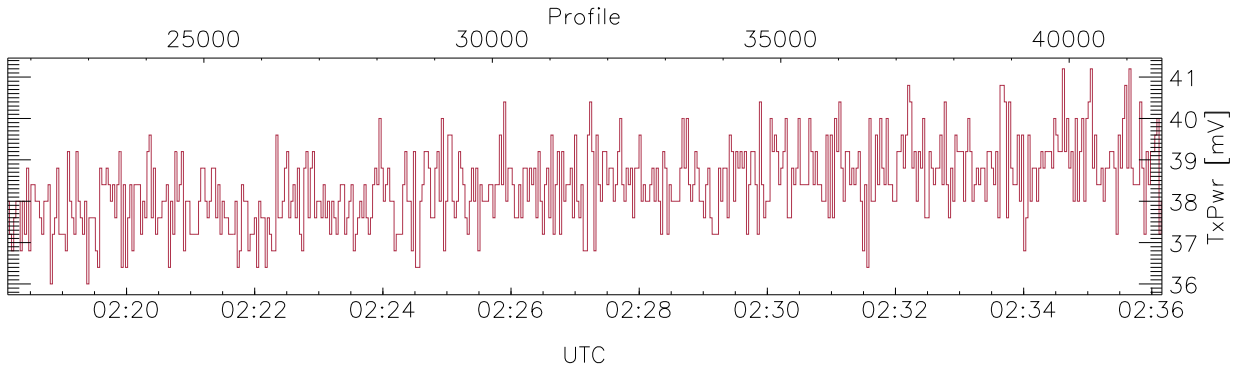
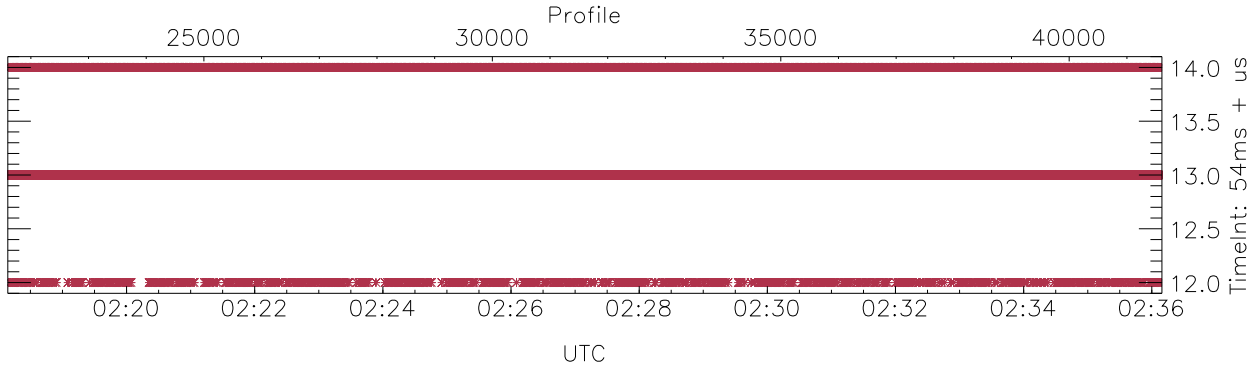
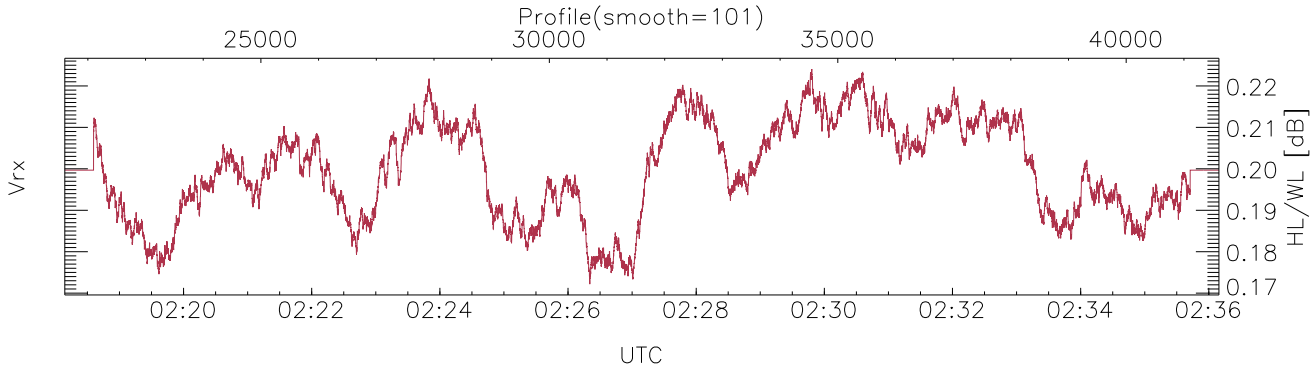
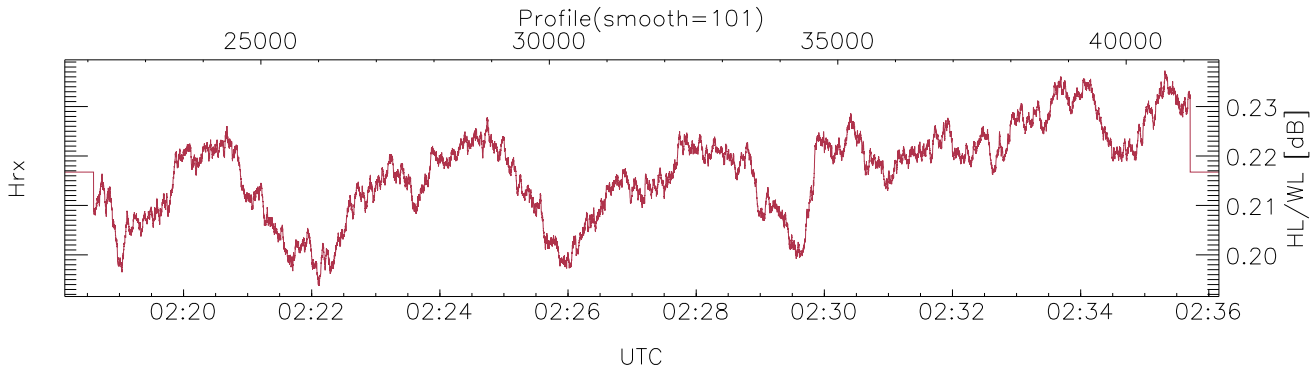


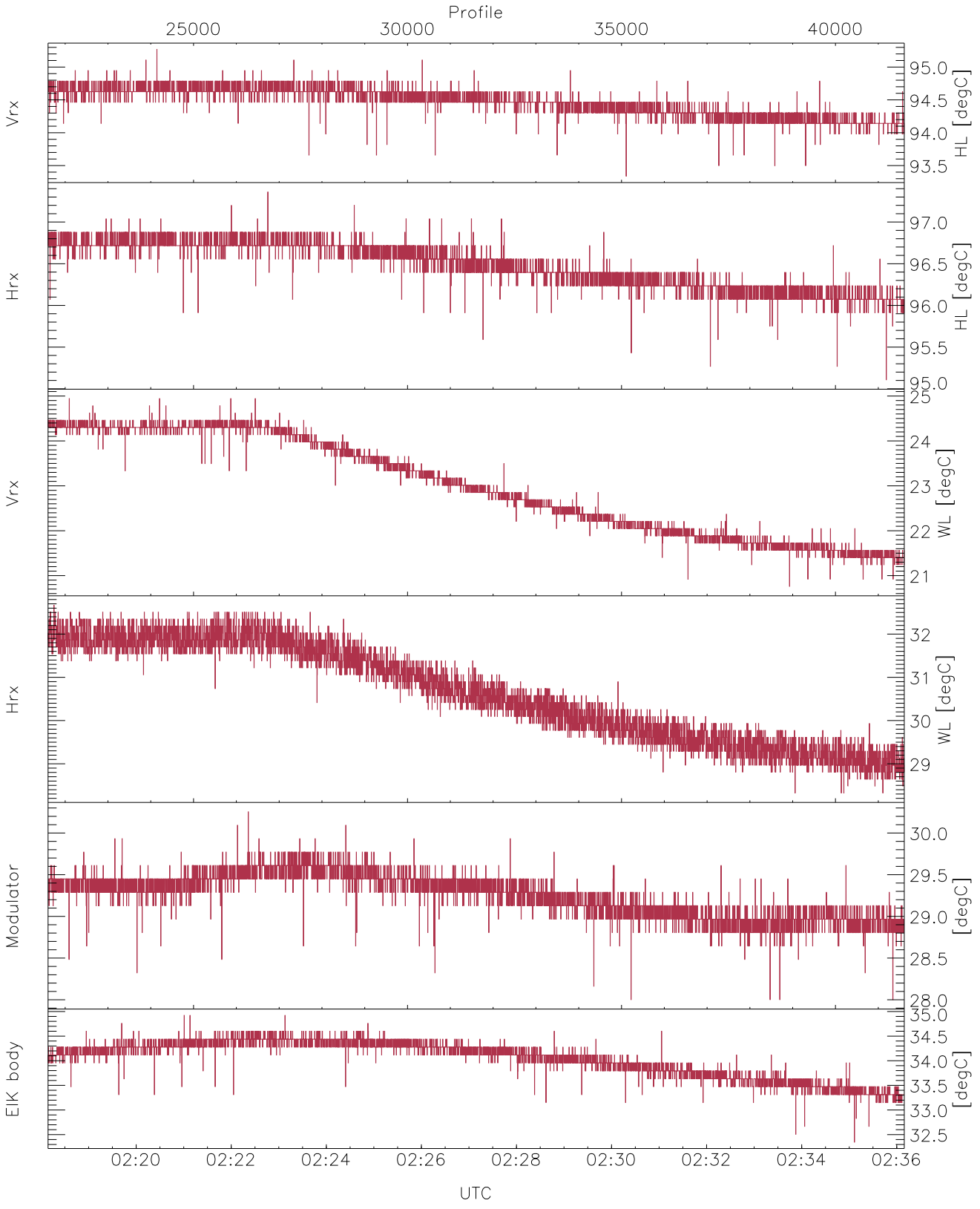






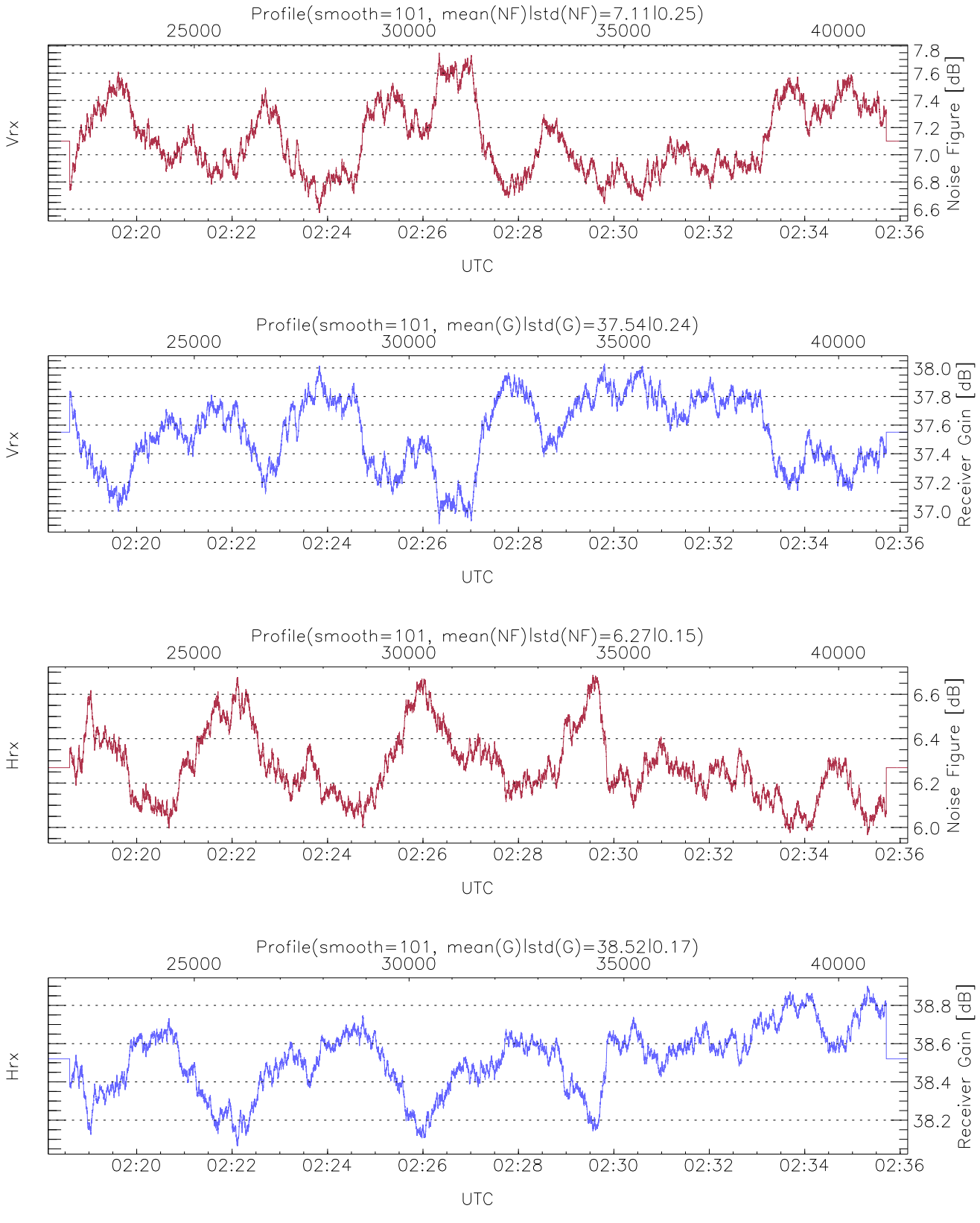
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 01:58:42-02:36:09, Dur: 2247.39s
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): 20009/41609, 21600-41608/02:18:09-02:36:09
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



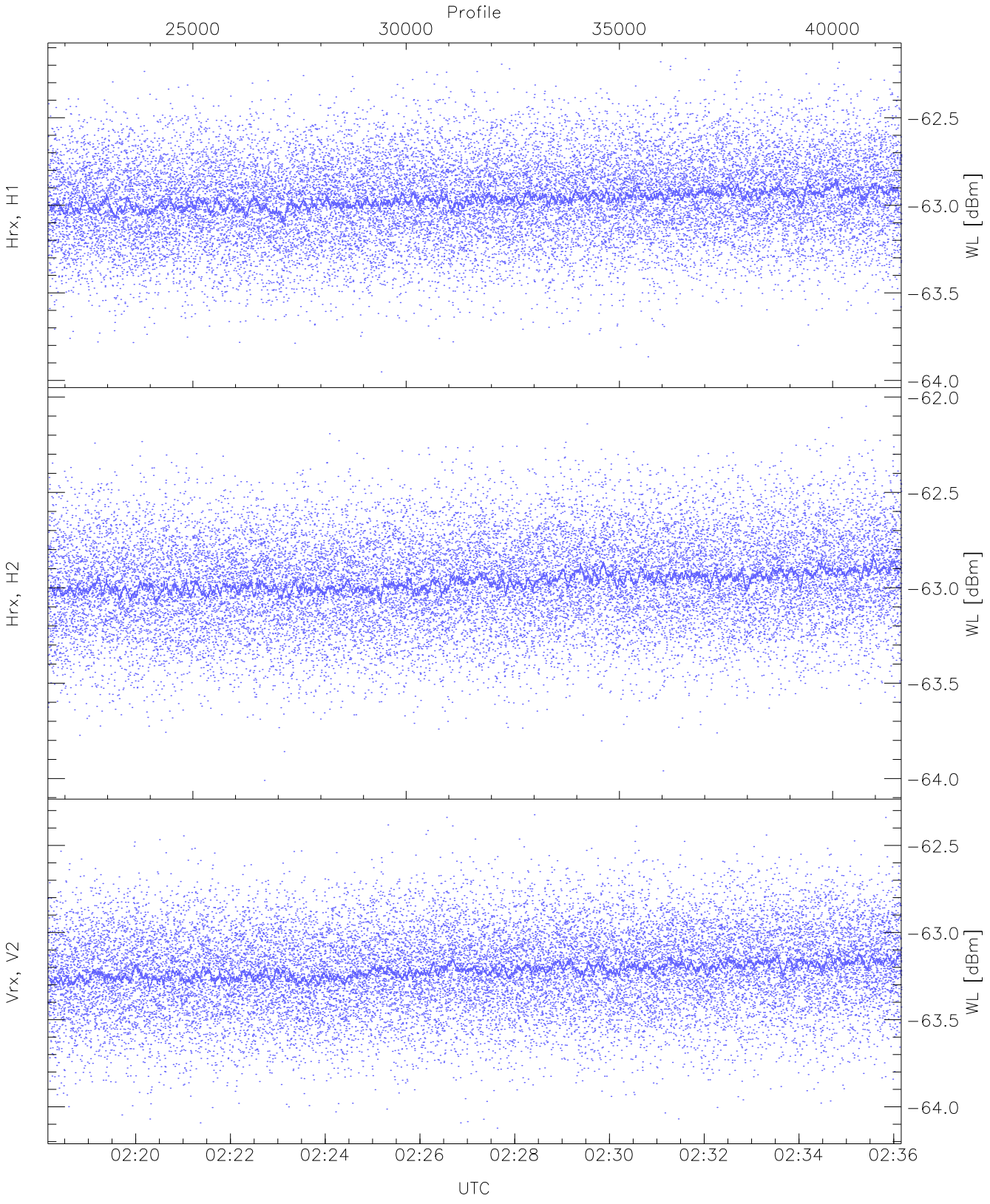
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,20,28,28,32
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 95,97,24,32,30,34
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (21,21,21,21,21,5)



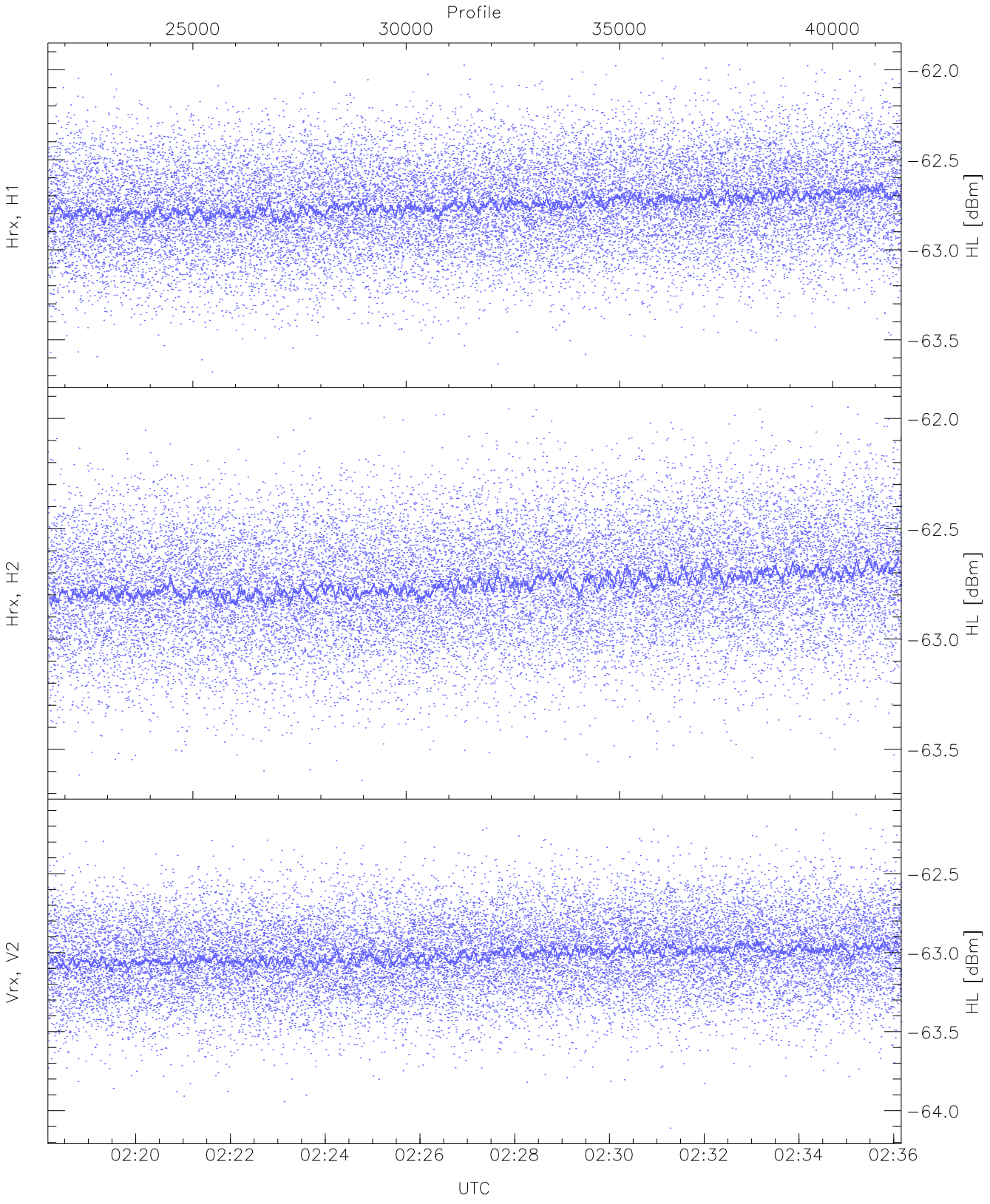
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 672 pixs, 30 gates, 657 profs, 1 prods



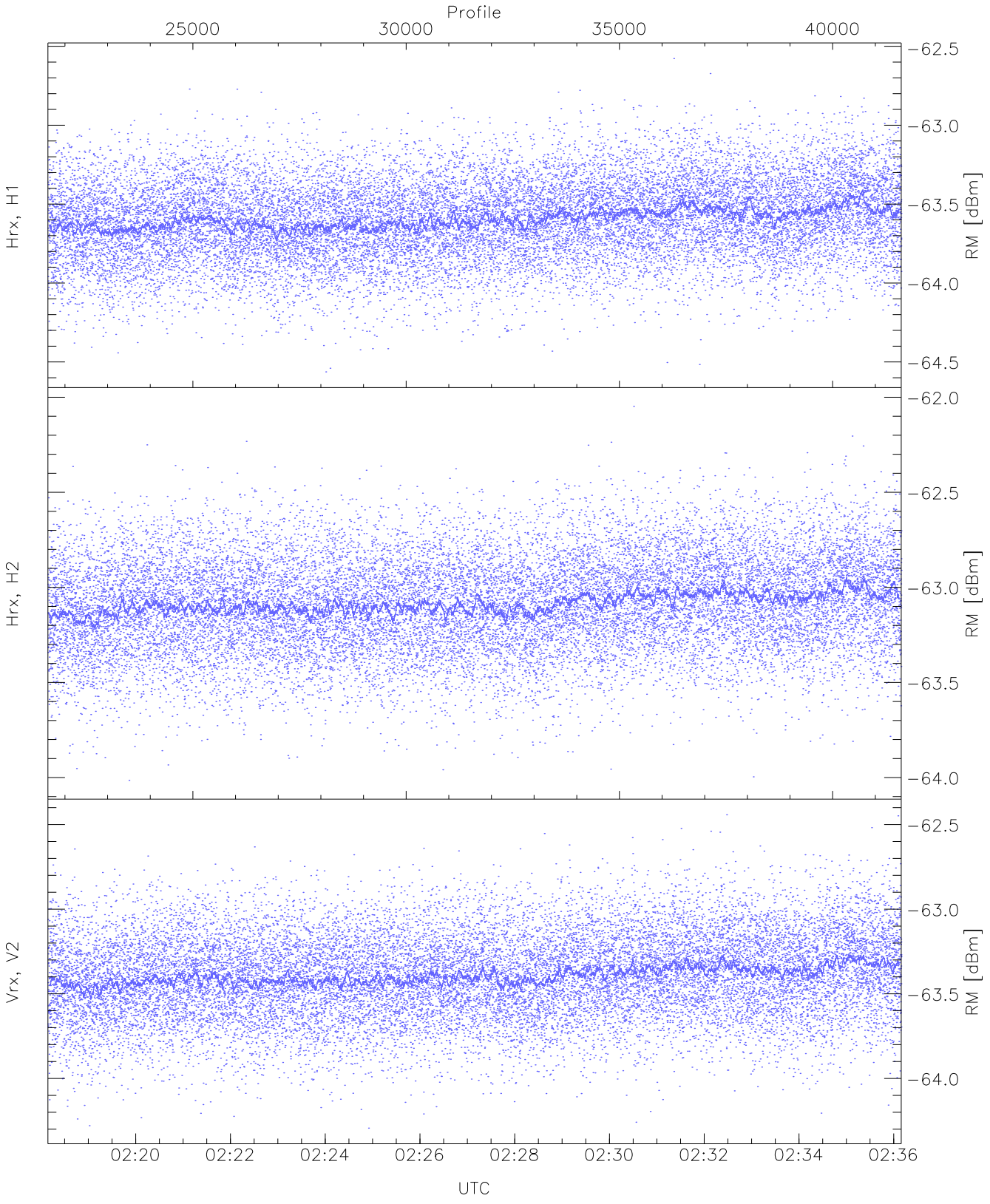
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.95	-62.16	-62.96	-62.96	-75.64
Hrx, H2(WL [dBm])	-64.01	-62.05	-62.96	-62.97	-75.59
Vrx, V2(WL [dBm])	-64.12	-62.32	-63.21	-63.22	-75.84



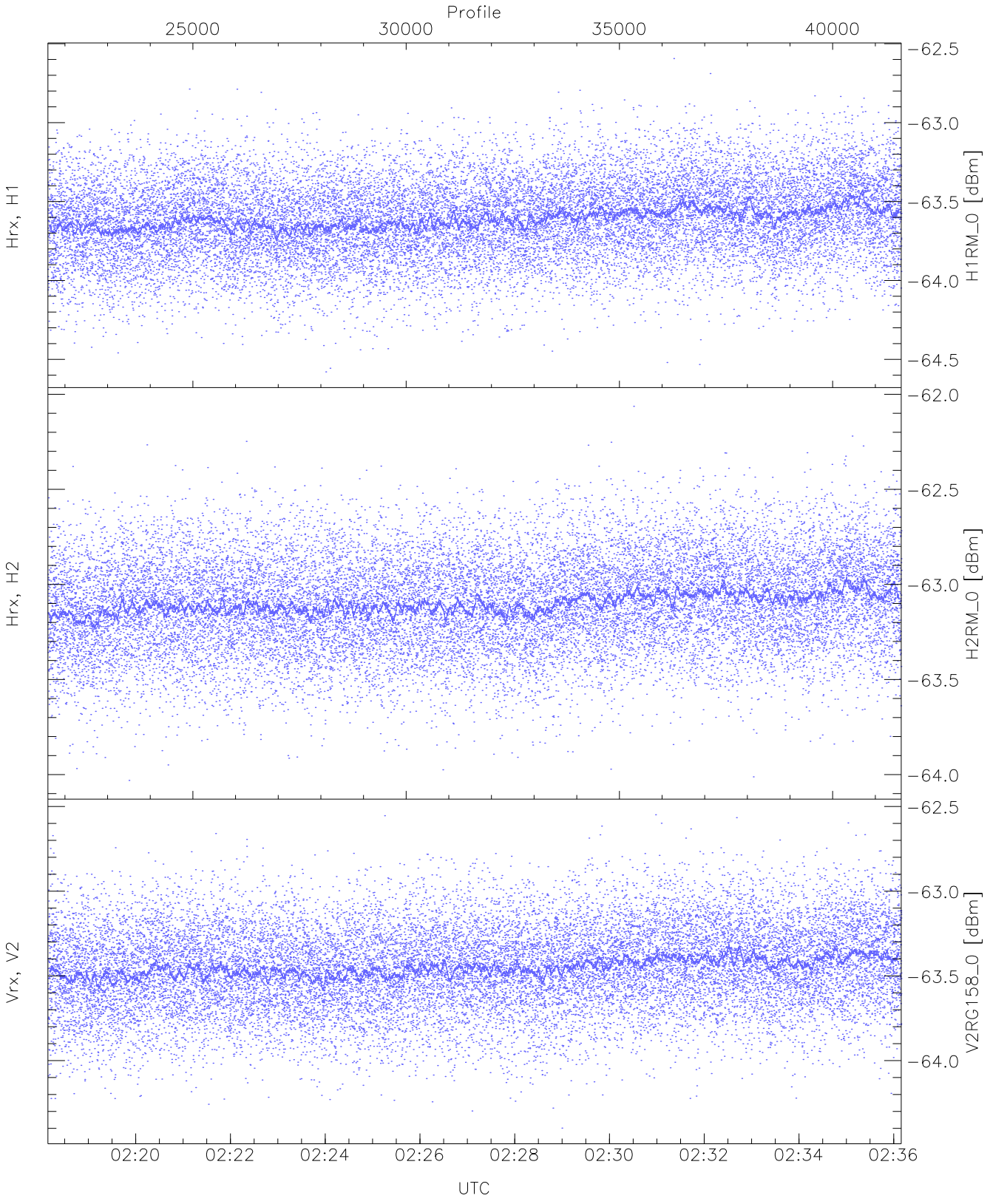
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-63.68	-61.94	-62.75	-62.75	-75.40
Hrx, H2(HL [dBm])	-63.64	-61.94	-62.75	-62.75	-75.43
Vrx, V2(HL [dBm])	-64.11	-62.13	-63.01	-63.02	-75.68



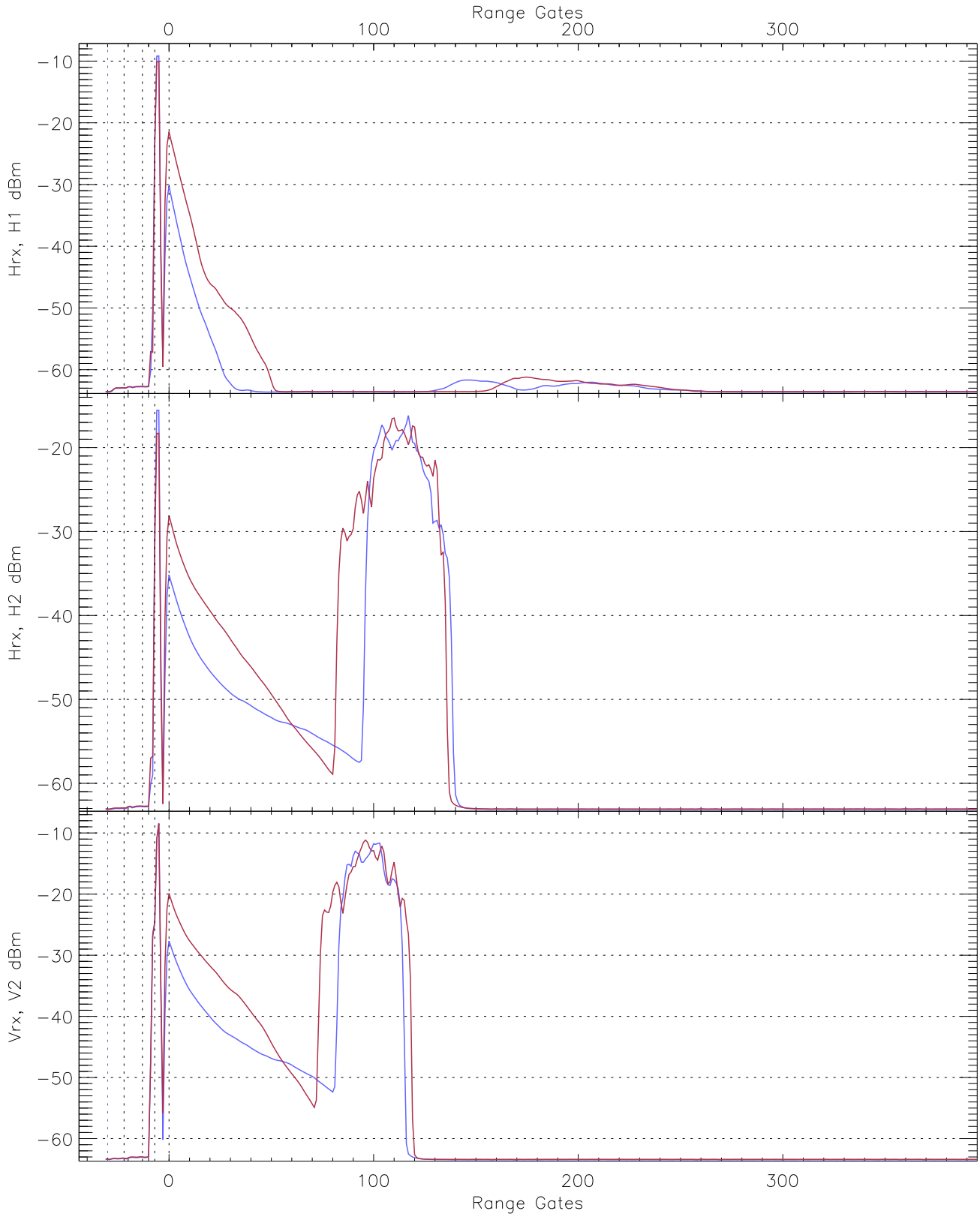
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-64.56	-62.58	-63.59	-63.59	-76.16
Hrx, H2(RM [dBm])	-64.01	-62.05	-63.08	-63.09	-75.71
Vrx, V2(RM [dBm])	-64.29	-62.44	-63.39	-63.40	-75.99

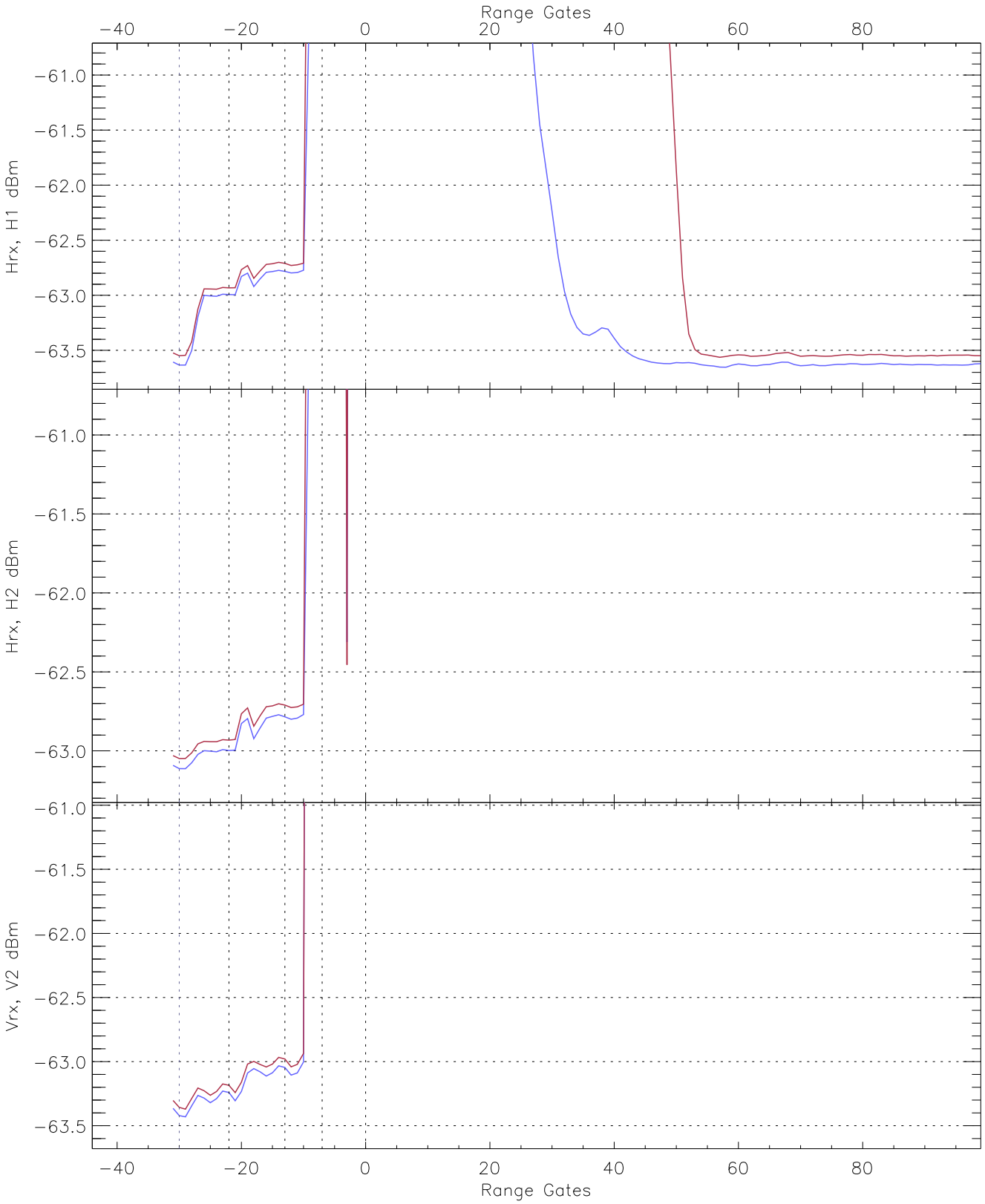


WCR2 CPP "Best" estimate Receivers Noise Power

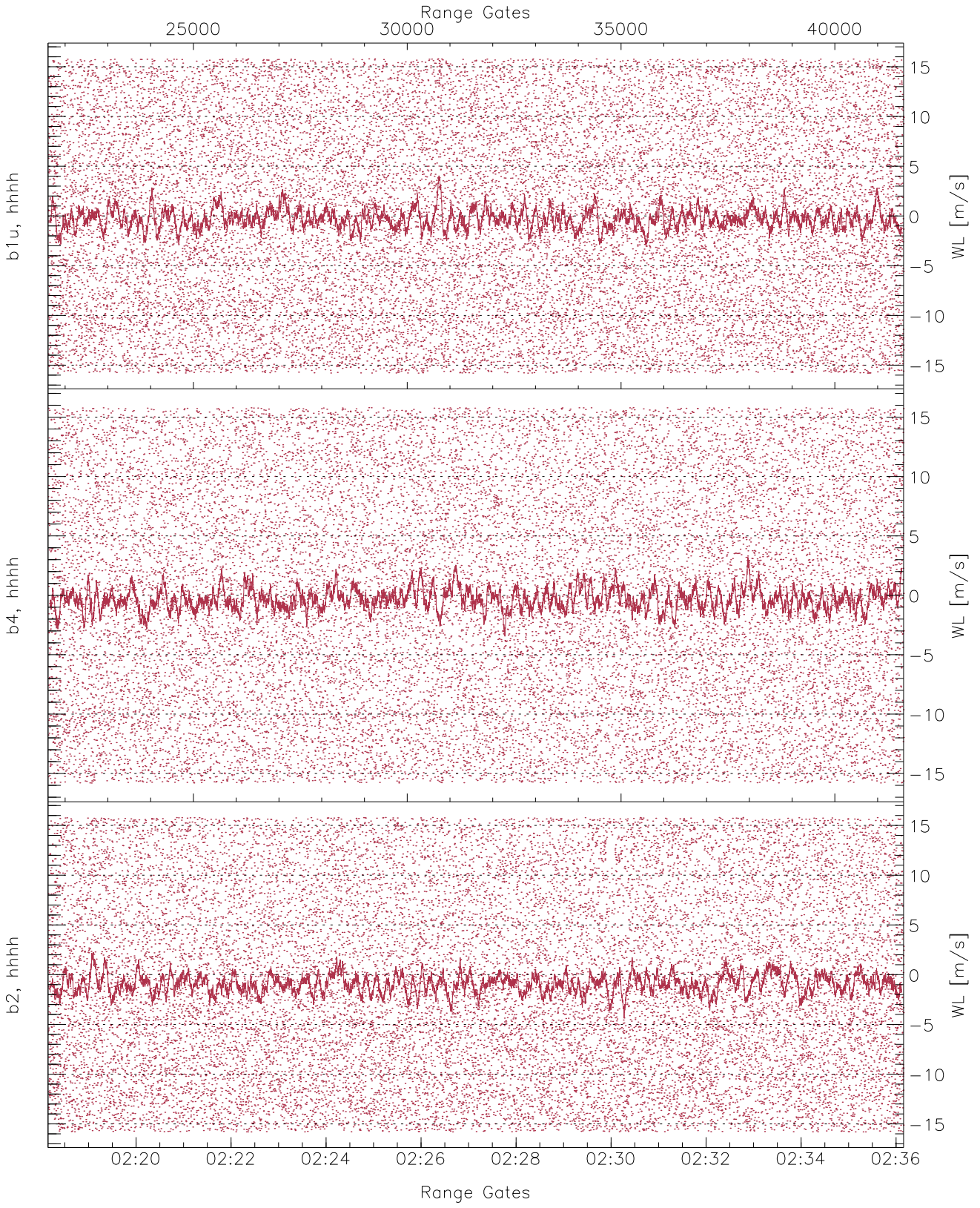
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-64.58	-62.59	-63.61	-63.61	-76.18
H2RM_0 [dBm]	-64.03	-62.06	-63.10	-63.10	-75.73
V2RG158_0 [dBm]	-64.40	-62.55	-63.45	-63.45	-76.05



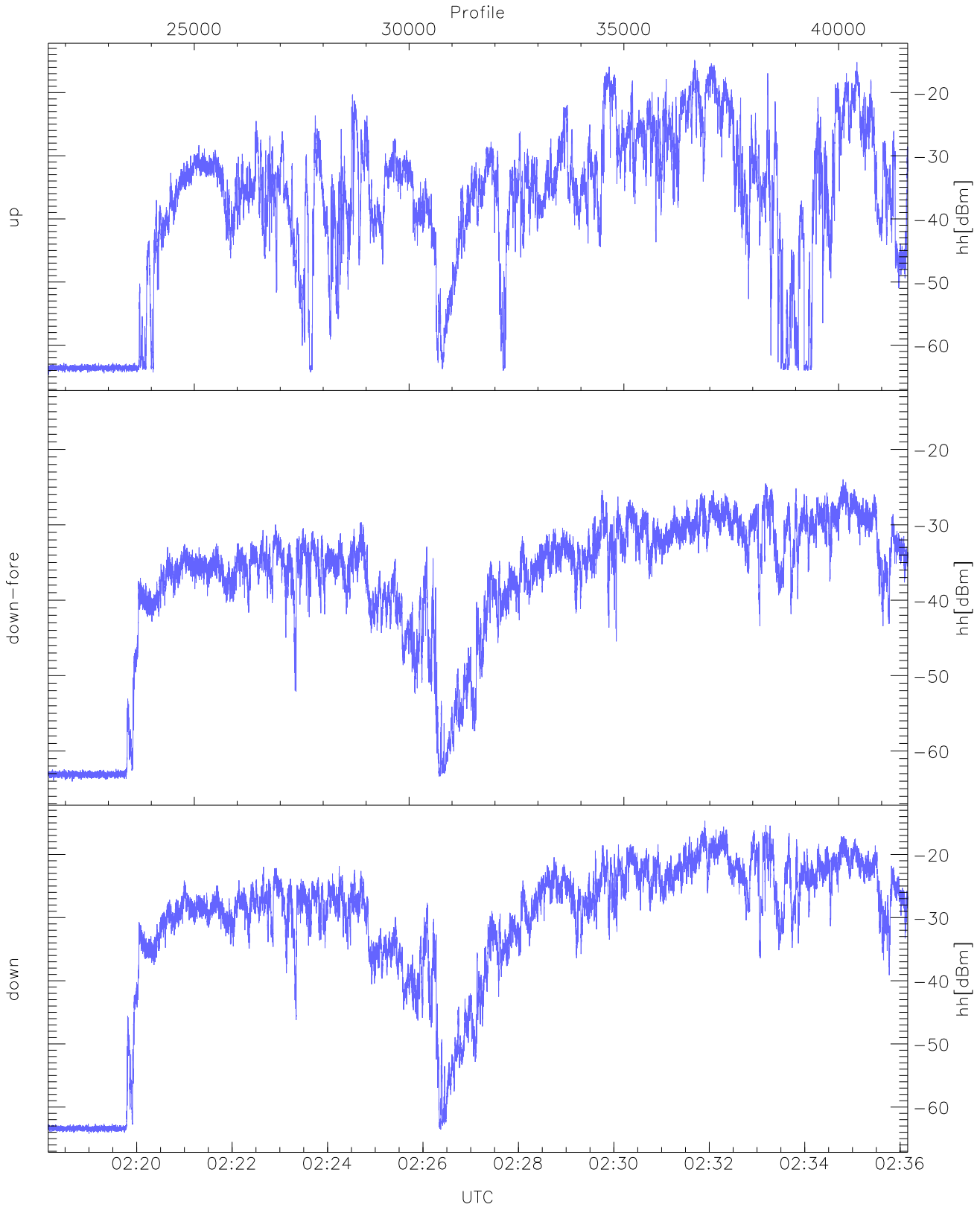
WCR2 CPP Averaged Received power for all recorded gates
blue: 021809-022709, 10005 profiles averaged
red: 022709-023609, 10005 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 021809-022709, 10005 profiles averaged
red: 022709-023609, 10005 profiles averaged

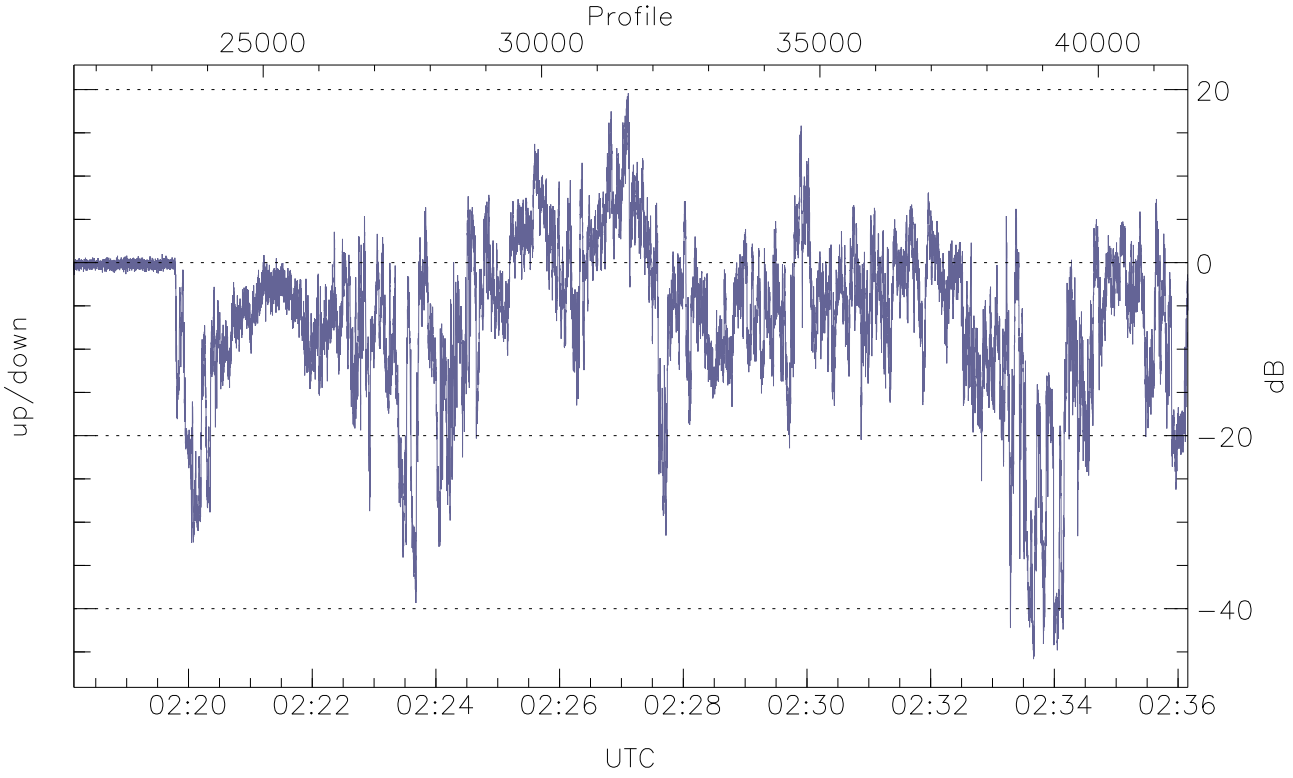


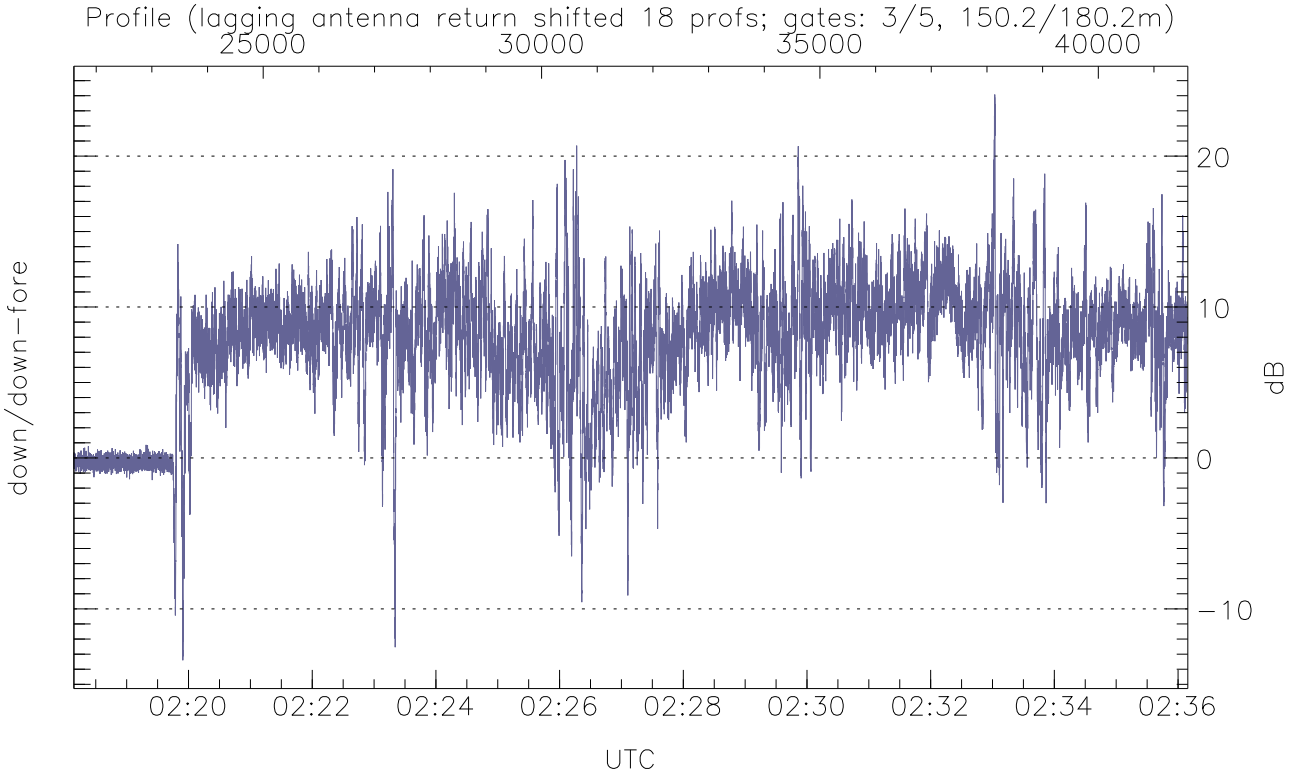
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

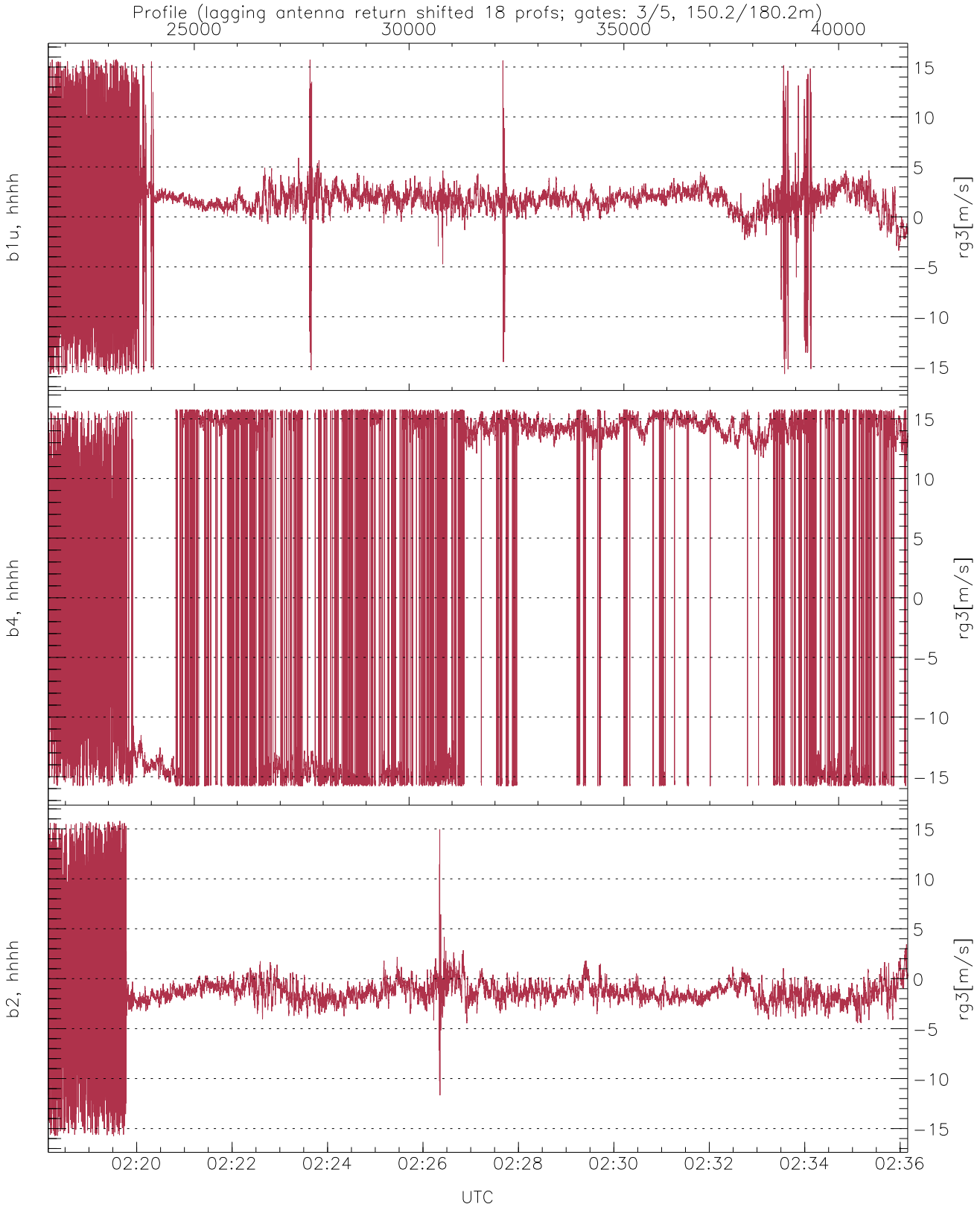
	Min	Max	Mean
up(hh[dBm])	-64.67	-14.85	-28.11
down-fore(hh[dBm])	-64.04	-23.97	-33.06
down(hh[dBm])	-64.25	-14.68	-25.22





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

	Min	Max	Mean
up/down(dB)	-45.82	19.57	-6.29
down/down-fore(dB)	-13.41	24.08	7.52



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.80	15.78	1.45	3.30
b4, hhhh(rg3[m/s])	-15.80	15.80	3.78	13.76
b2, hhhh(rg3[m/s])	-15.77	15.79	-1.26	2.90