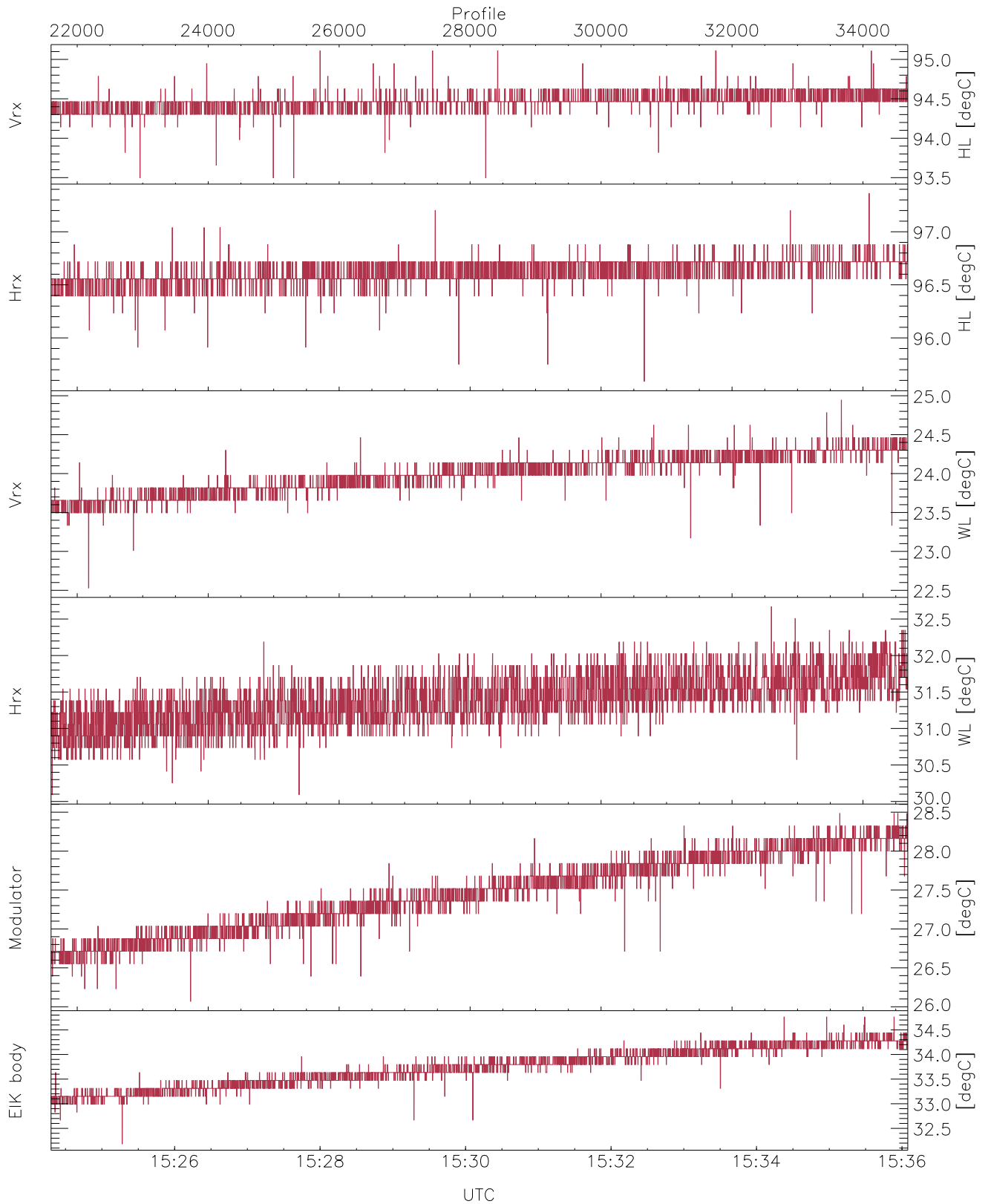




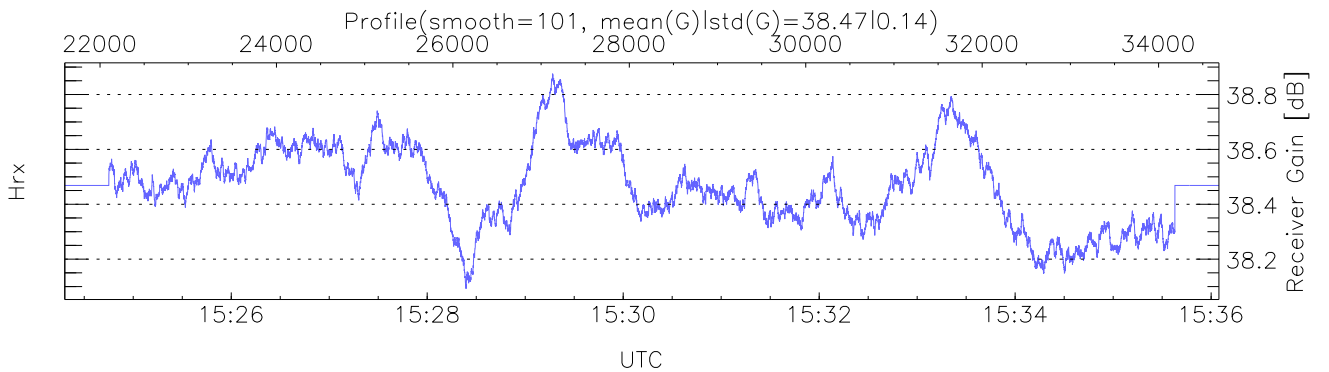
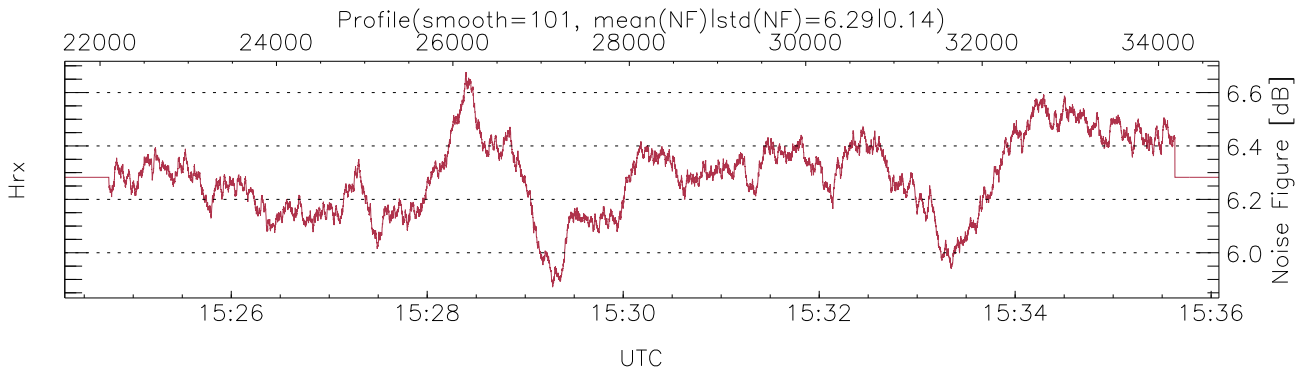
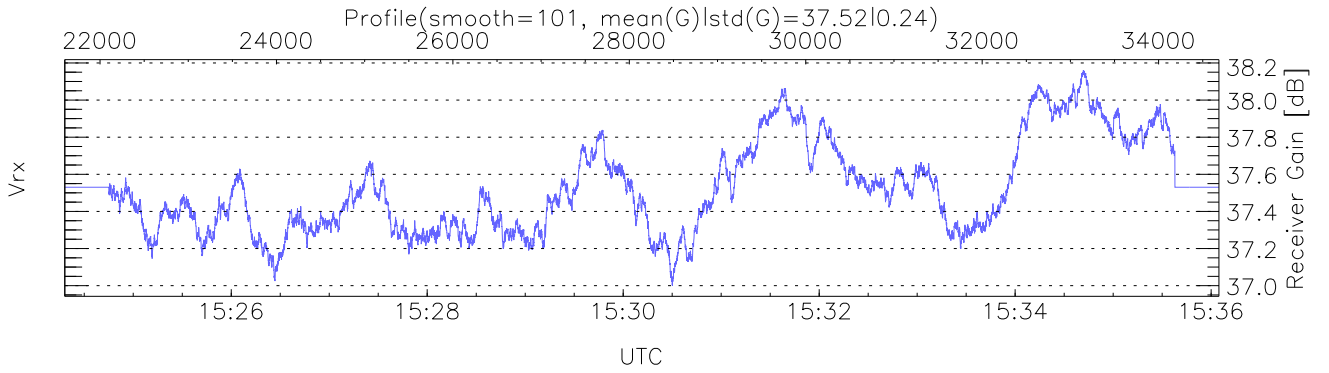
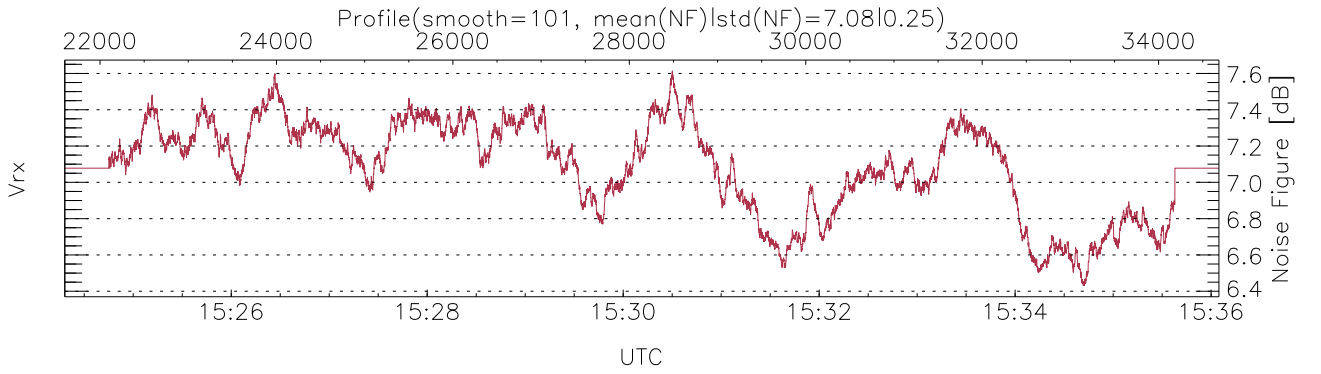
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:04:51-15:36:05, Dur: 1873.41s
 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): 13085/34685, 21600-34684/15:24:18-15:36:05
 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,rqs): 105,6037,15.0 m, Gates: 396, Aspect: 3.1
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



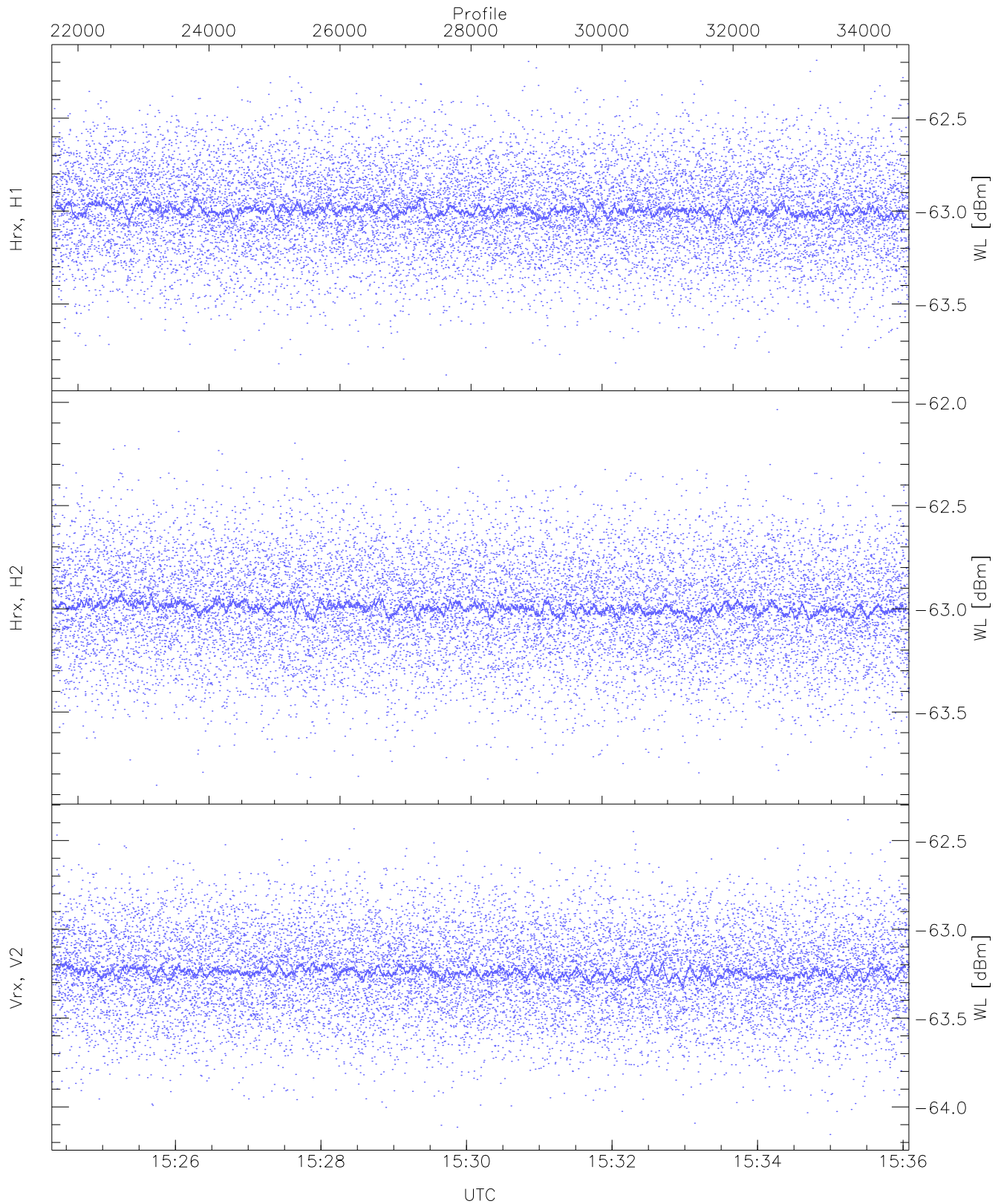
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,30,26,32
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 95,97,24,32,28,34
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty (14,14,14,14,14)



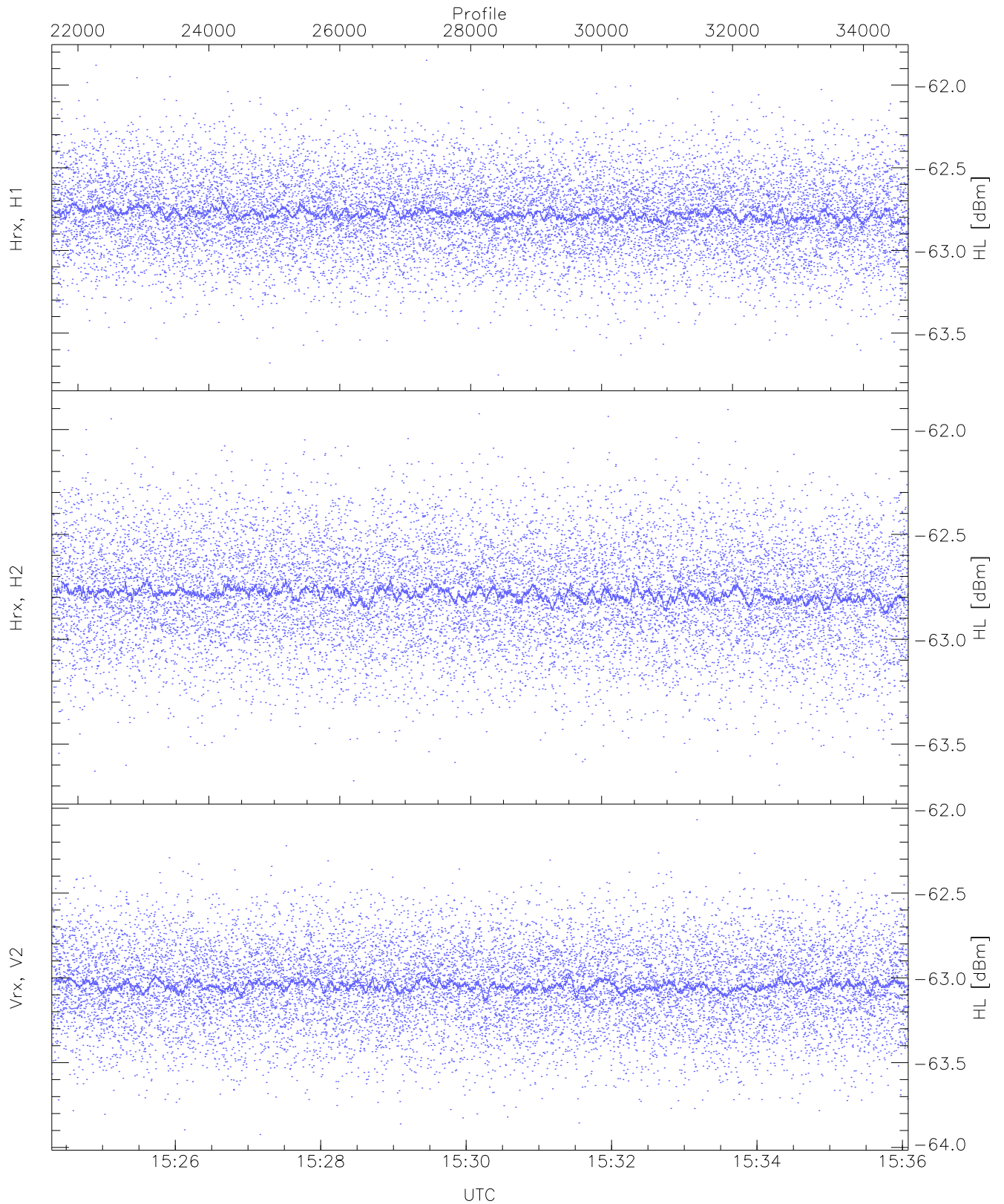
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1276 pixs, 37 gates, 1271 profs, 1 prods



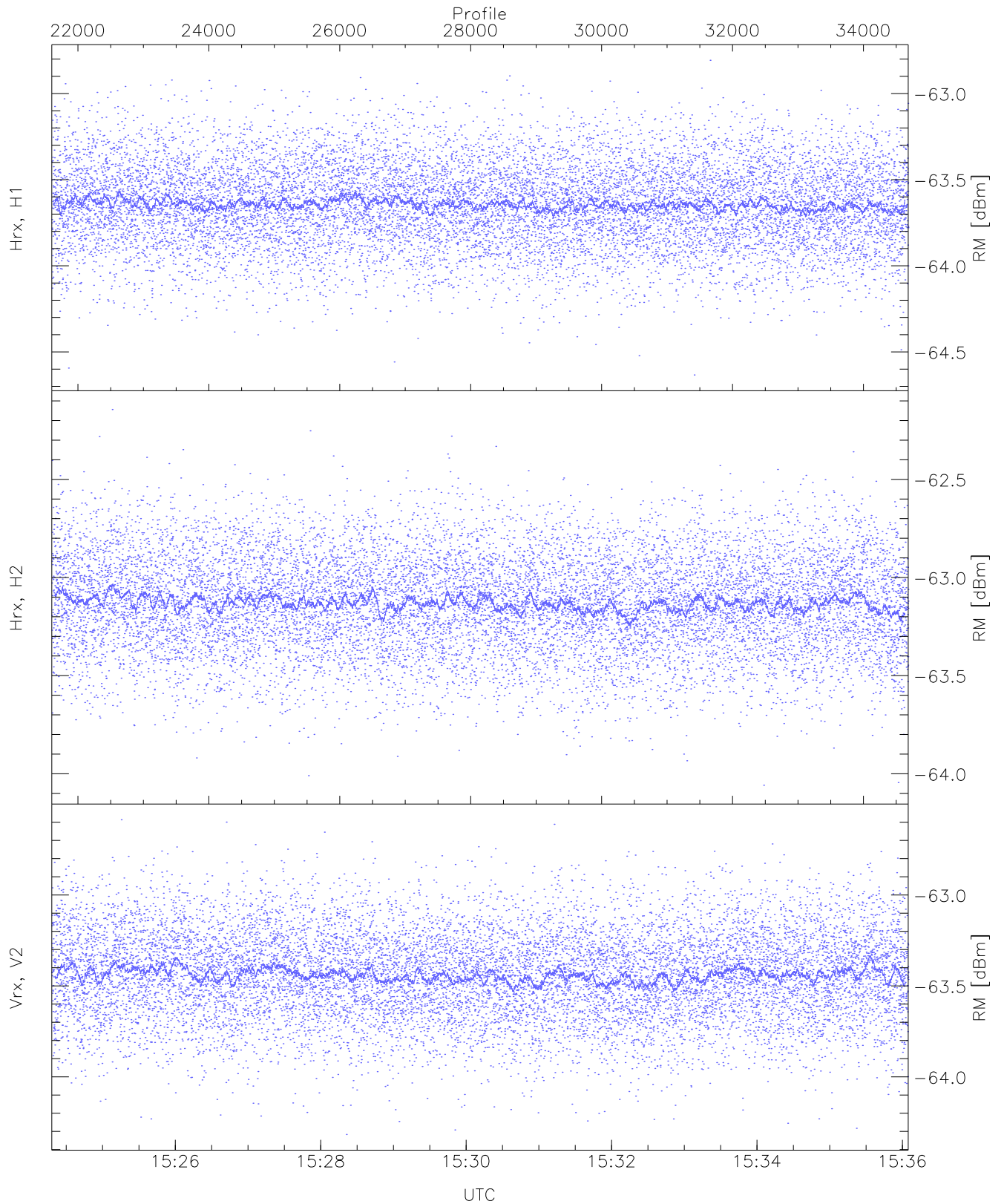
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.88	-62.19	-62.99	-62.99	-75.75
Hrx, H2 (WL [dBm])	-63.85	-62.03	-62.99	-62.99	-75.68
Vrx, V2 (WL [dBm])	-64.16	-62.38	-63.24	-63.24	-75.90



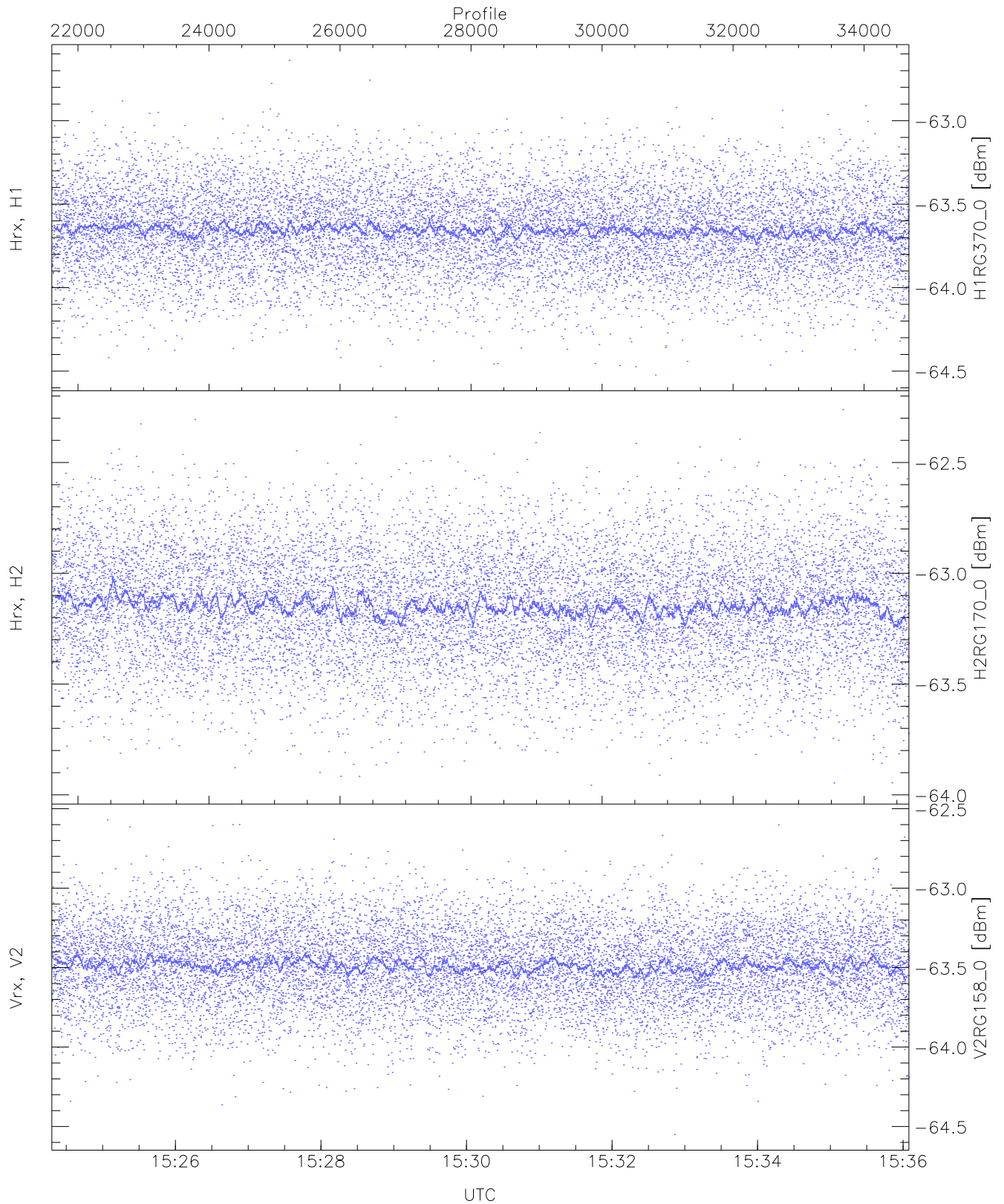
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.75	-61.85	-62.78	-62.78	-75.50
Hrx, H2 (HL [dBm])	-63.70	-61.90	-62.78	-62.78	-75.46
Vrx, V2 (HL [dBm])	-63.92	-62.07	-63.04	-63.05	-75.74



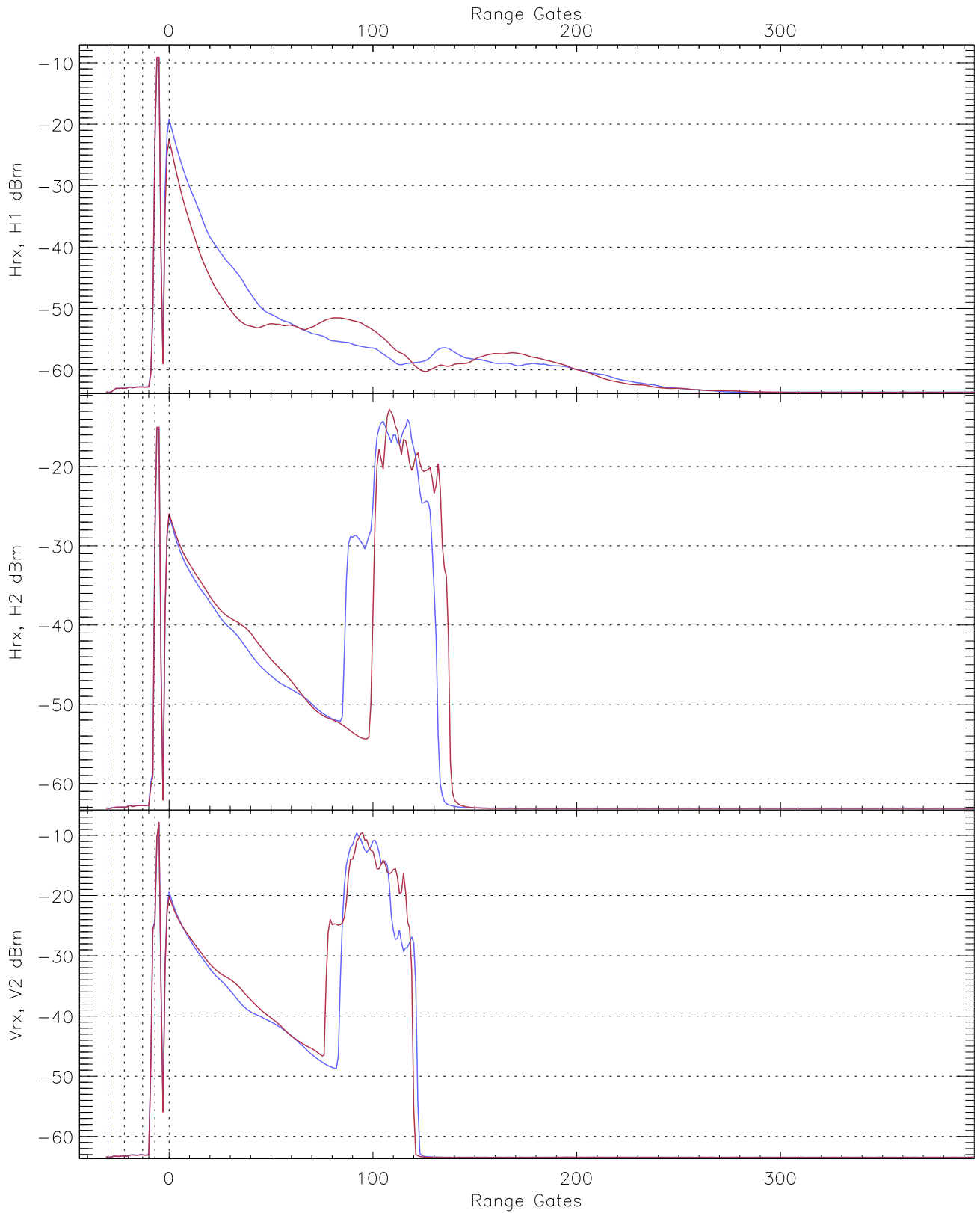
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.63	-62.81	-63.64	-63.64	-76.36
Hrx, H2 (RM [dBm])	-64.06	-62.14	-63.13	-63.13	-75.79
Vrx, V2 (RM [dBm])	-64.32	-62.59	-63.44	-63.44	-76.15

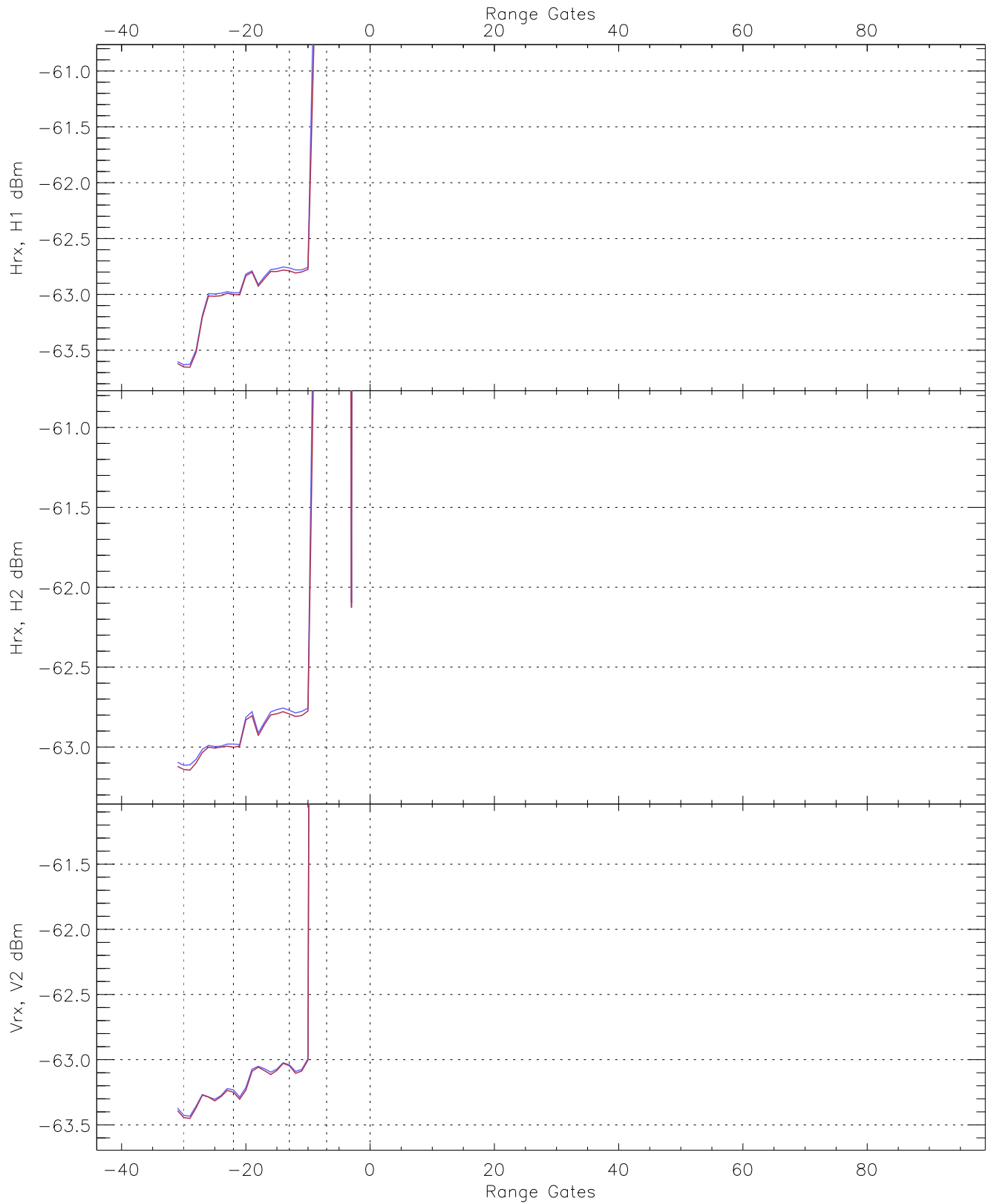


WCR2 CPP "Best" estimate Receivers Noise Power

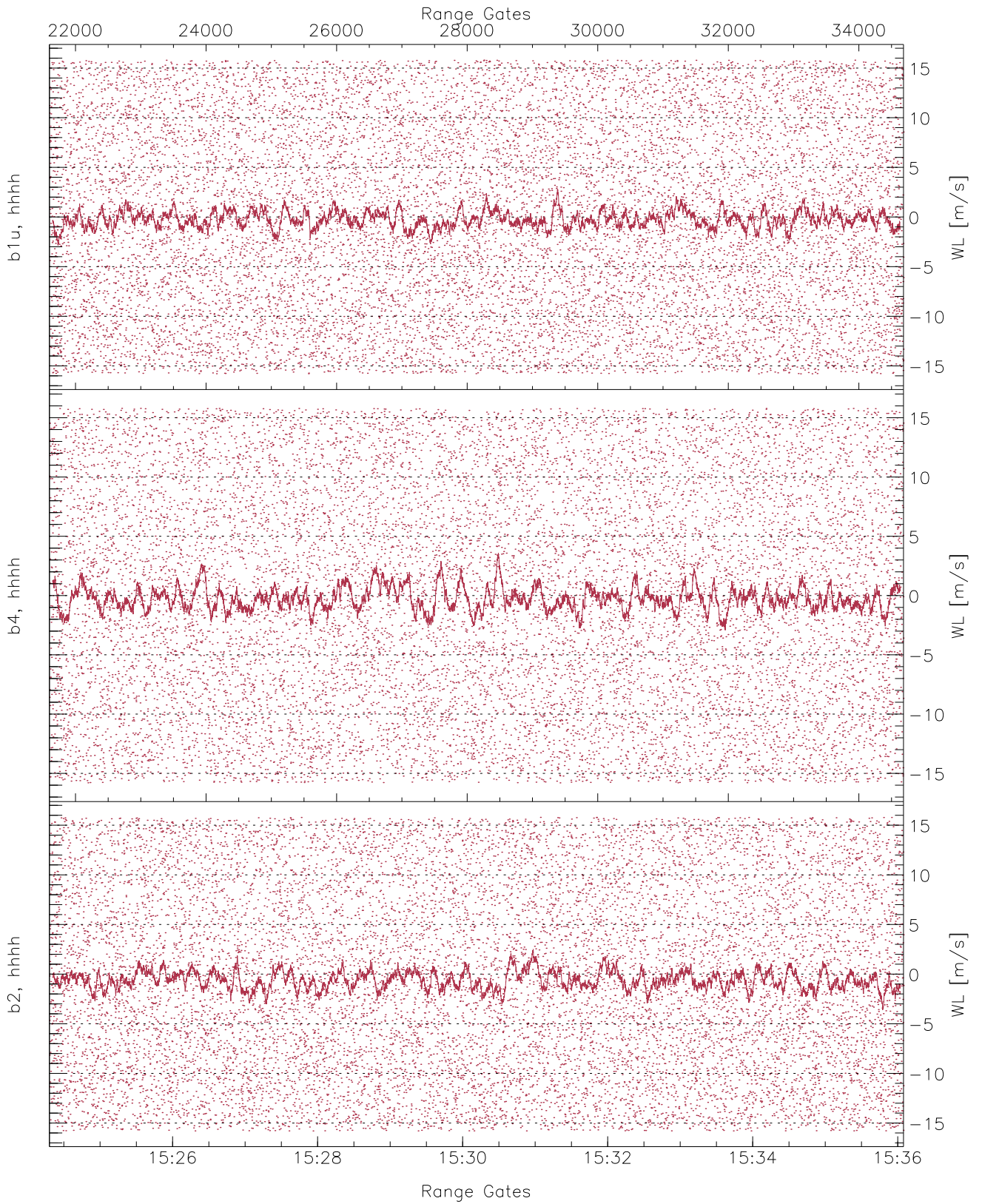
	Min	Max	Mean	Median	StDev
H1RG370_0 [dBm]	-64.52	-62.64	-63.65	-63.66	-76.38
H2RG170_0 [dBm]	-63.96	-62.26	-63.14	-63.15	-75.82
V2RG158_0 [dBm]	-64.55	-62.57	-63.48	-63.49	-76.17



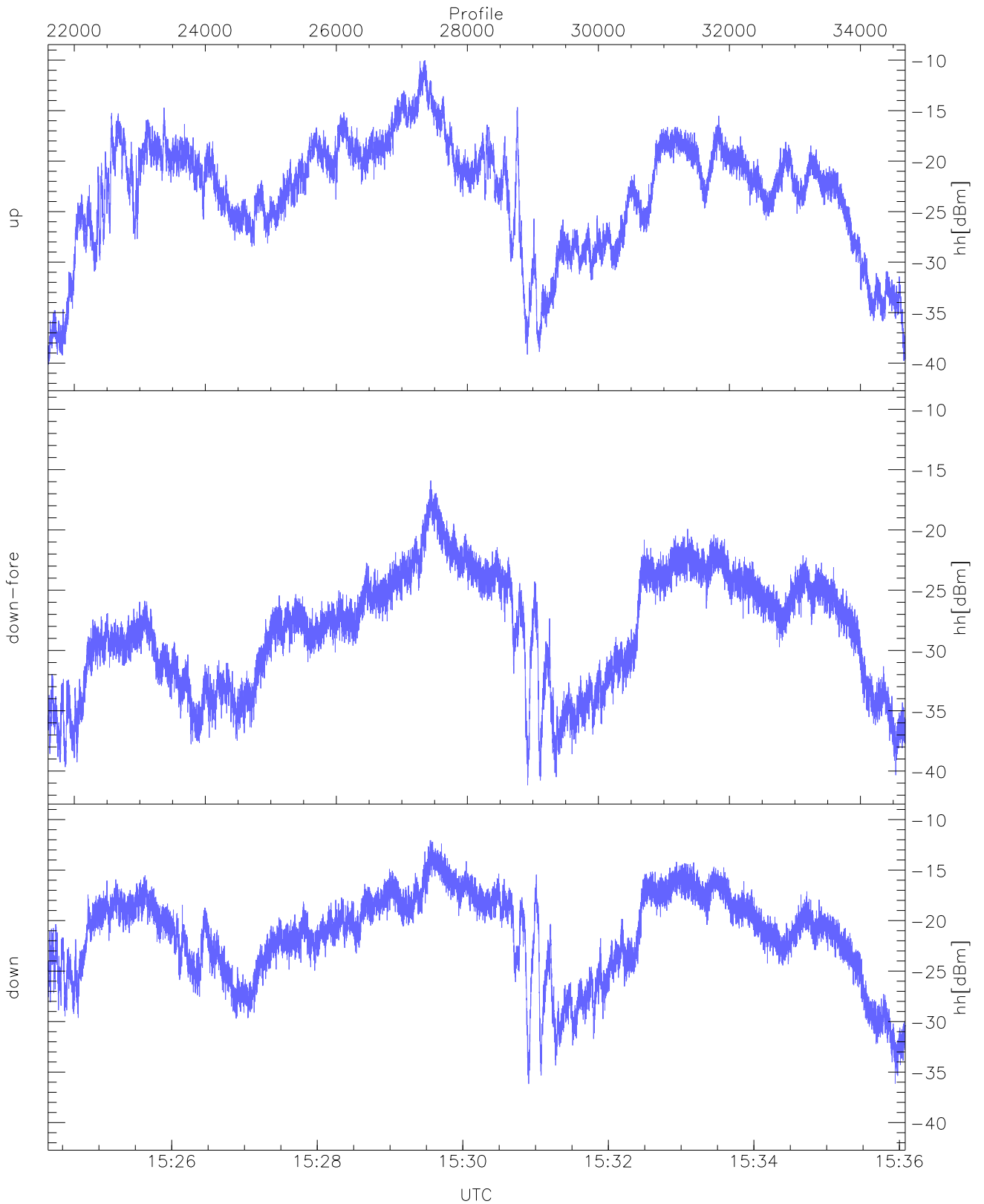
WCR2 CPP Averaged Received power for all recorded gates
blue: 152418-153011, 6543 profiles averaged
red: 153011-153605, 6543 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 152418-153011, 6543 profiles averaged
red: 153011-153605, 6543 profiles averaged

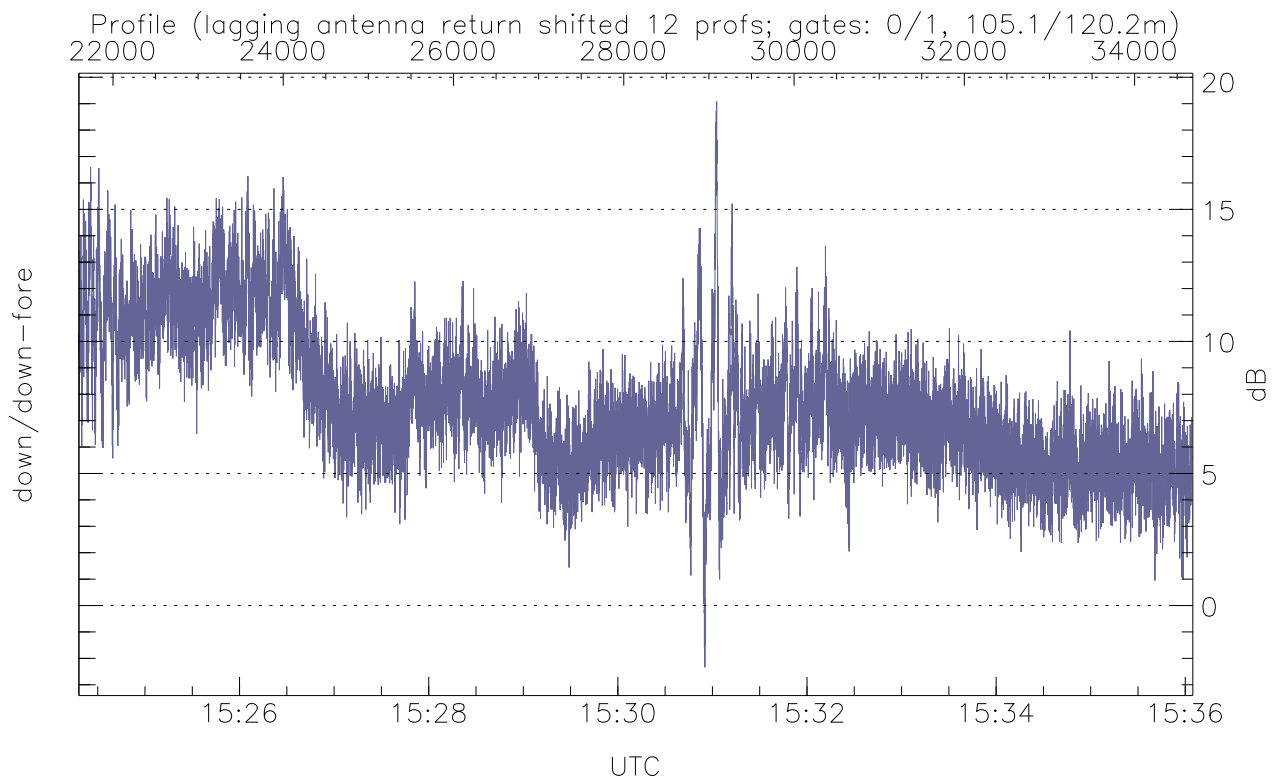
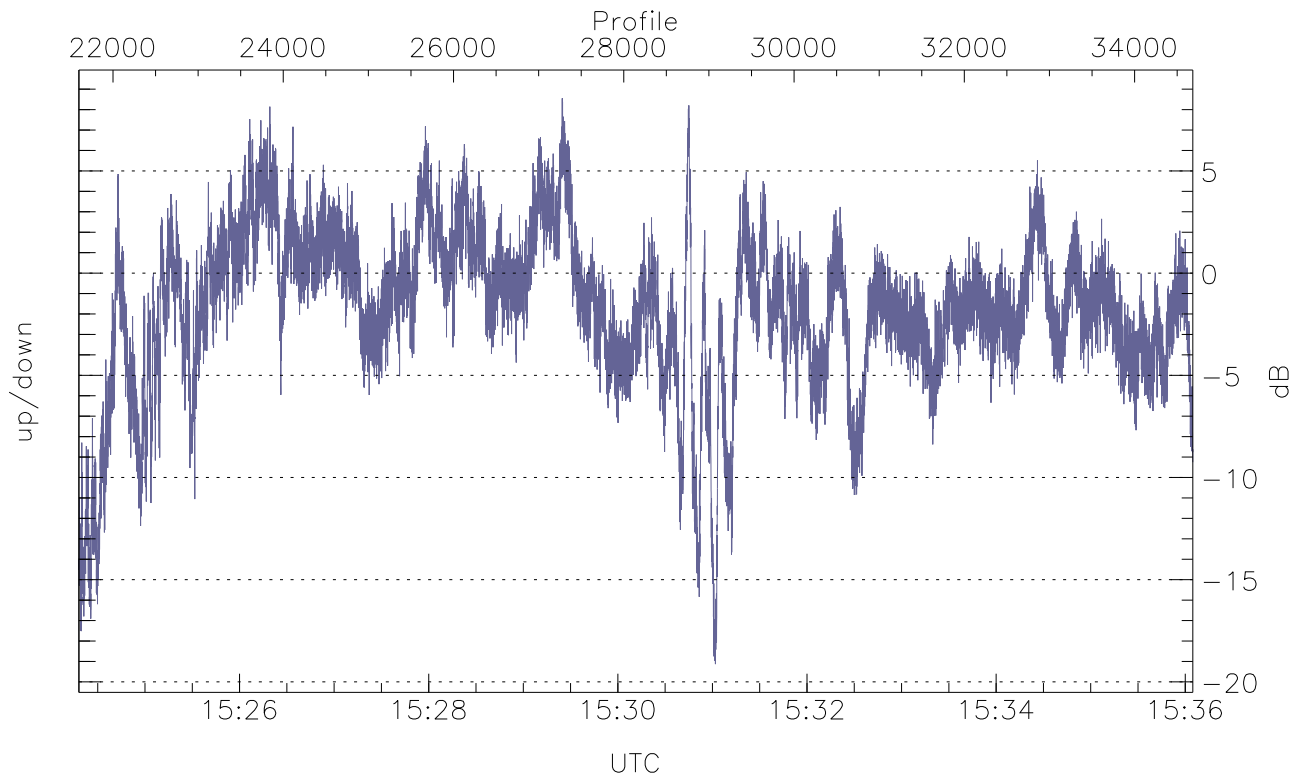


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



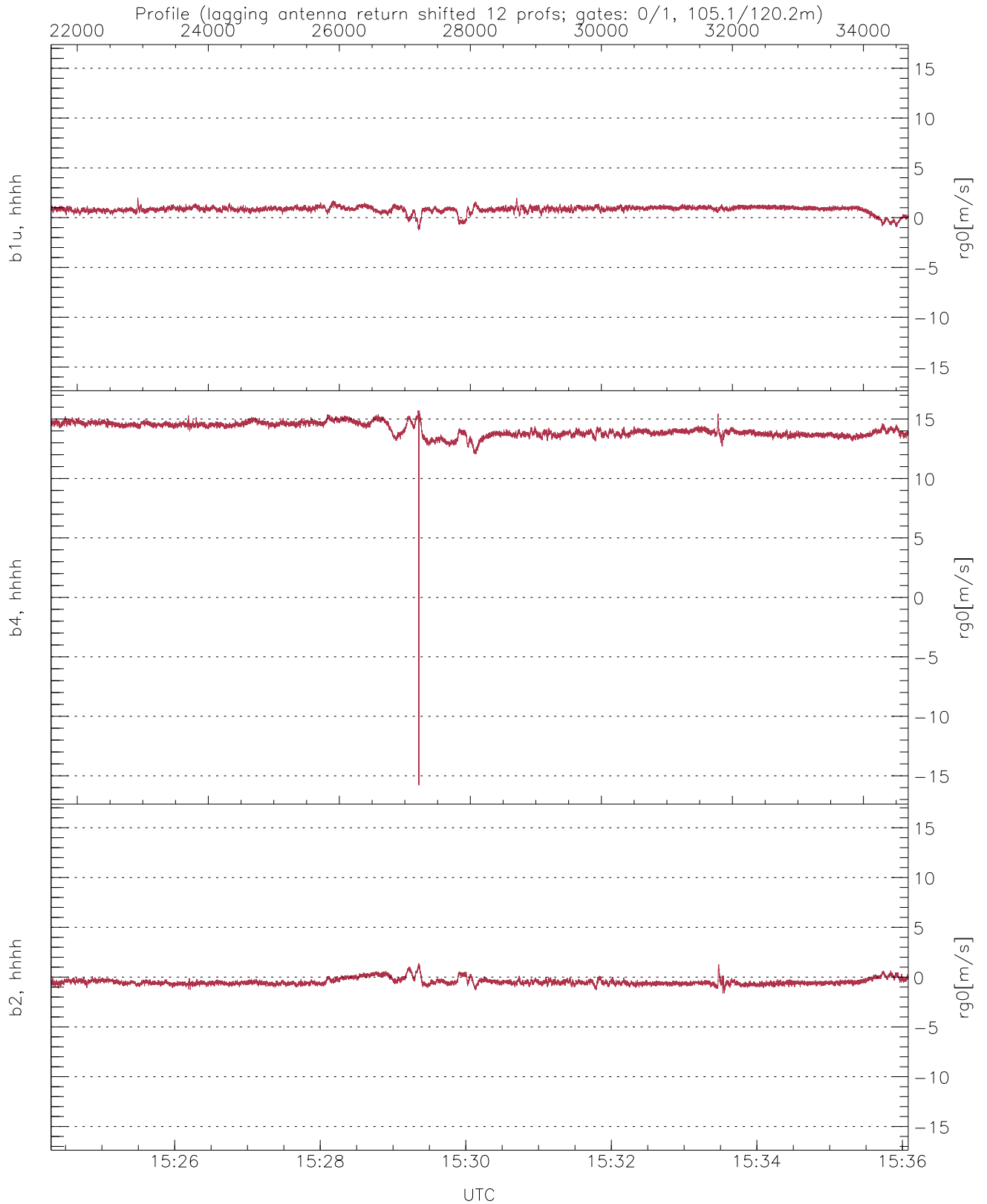
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

	Min	Max	Mean
up(hh[dBm])	-40.14	-10.02	-20.53
down-fore(hh[dBm])	-41.18	-15.91	-26.04
down(hh[dBm])	-36.17	-12.03	-19.77



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 0 (105 m)

	Min	Max	Mean
up/down (dB)	-19.13	8.55	-1.75
down/down-fore (dB)	-2.34	19.08	7.70



WCR2 CPP Doppler Velocity Products at 105.1 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-1.26	1.99	0.82	0.35
b4, hhhh(rg0[m/s])	-15.78	15.72	14.10	0.66
b2, hhhh(rg0[m/s])	-1.64	1.38	-0.46	0.32