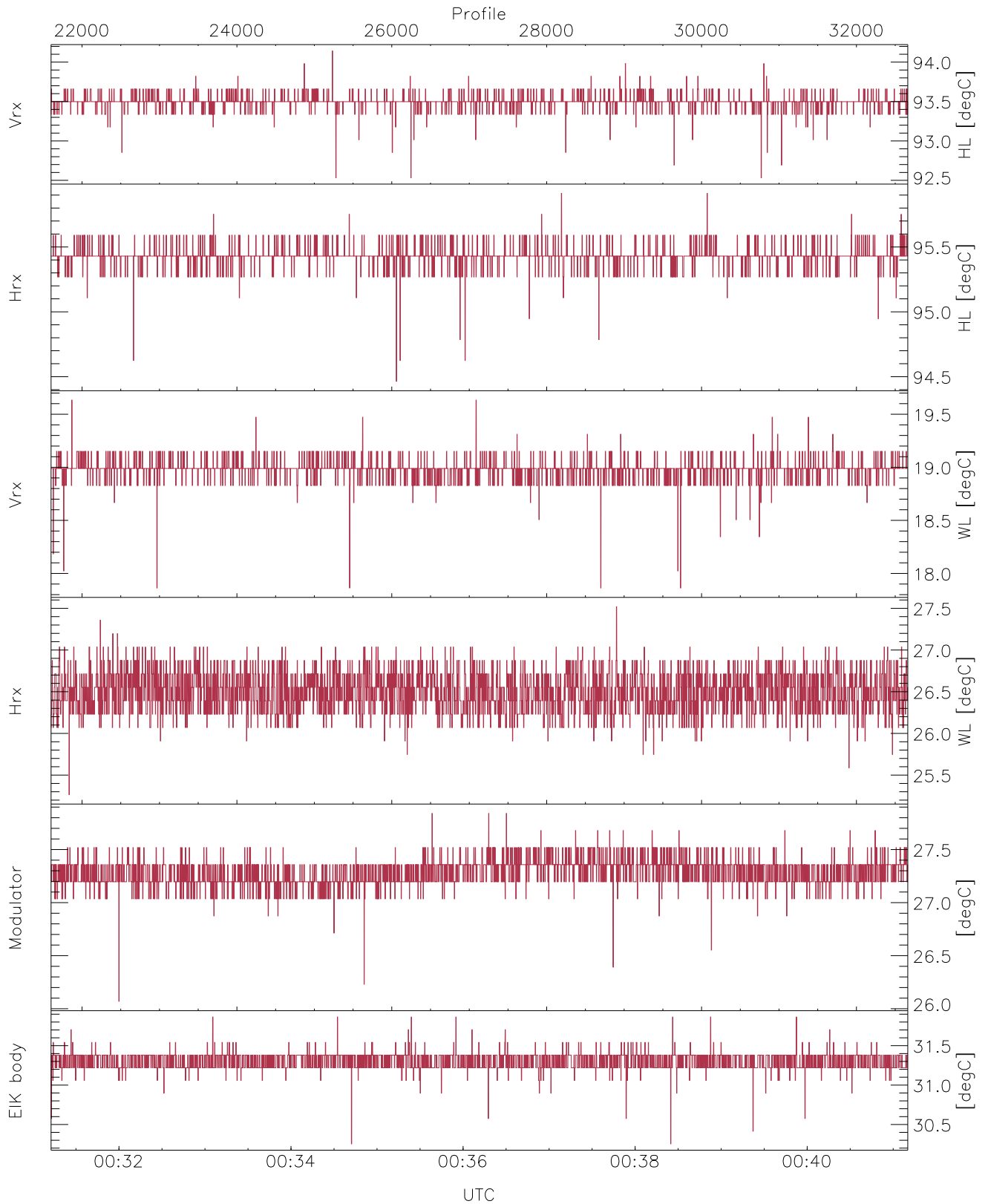


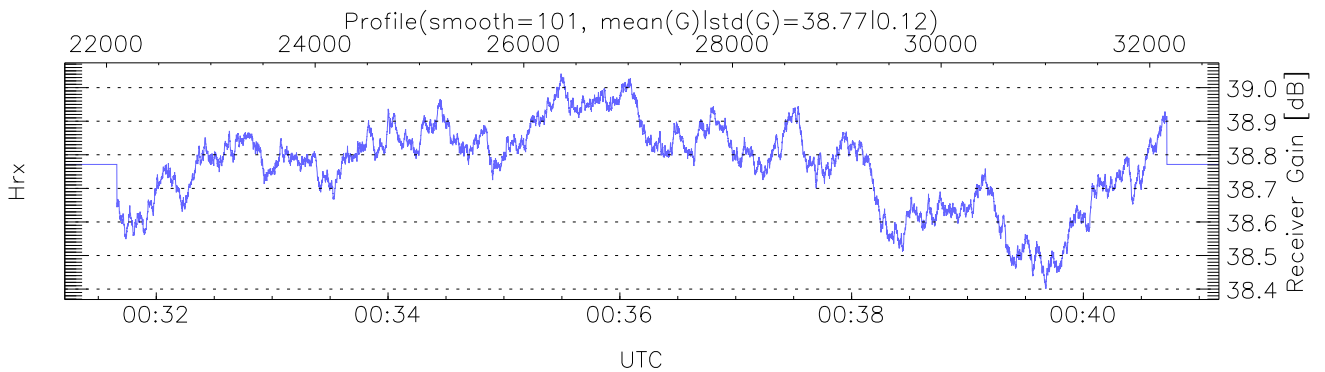
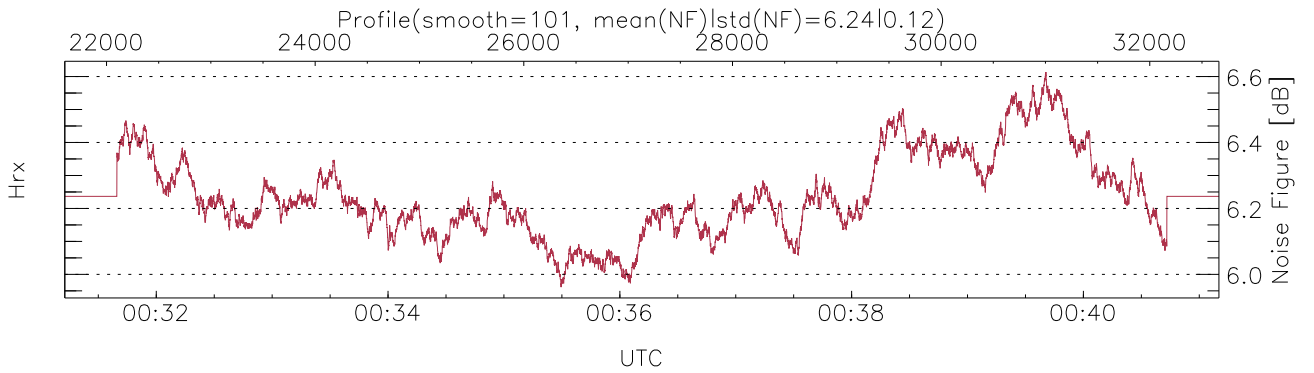
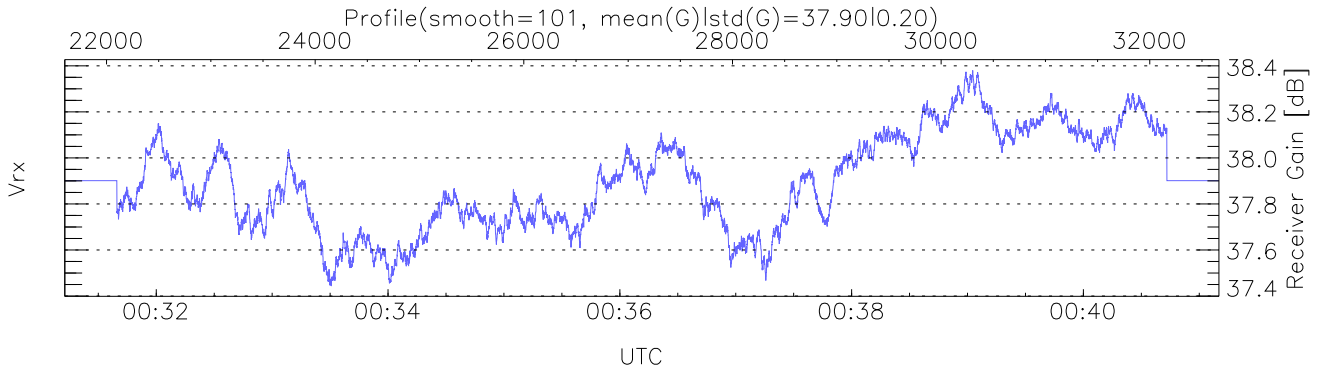
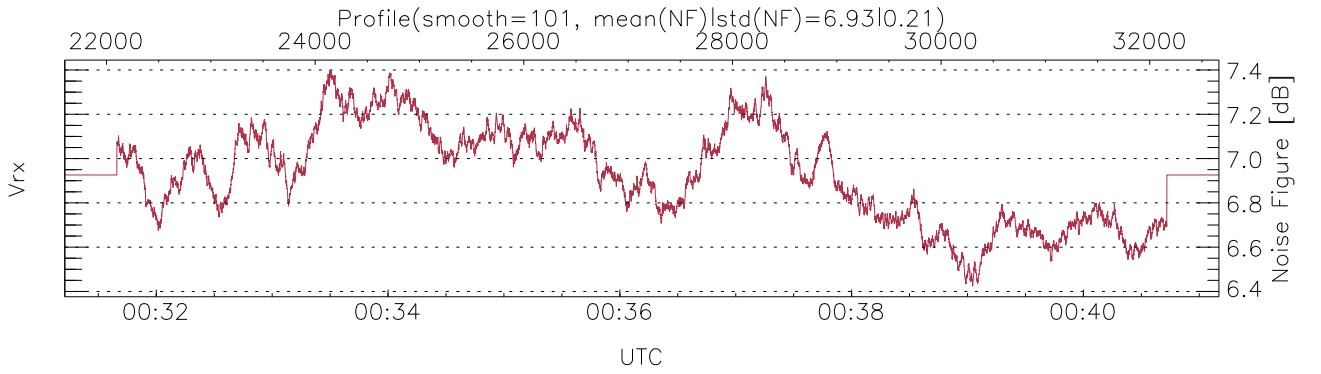
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 00:11:46-00:41:10, Dur: 1764.24s
 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): 11064/32664, 21600-32663/00:31:13-00:41:10
 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



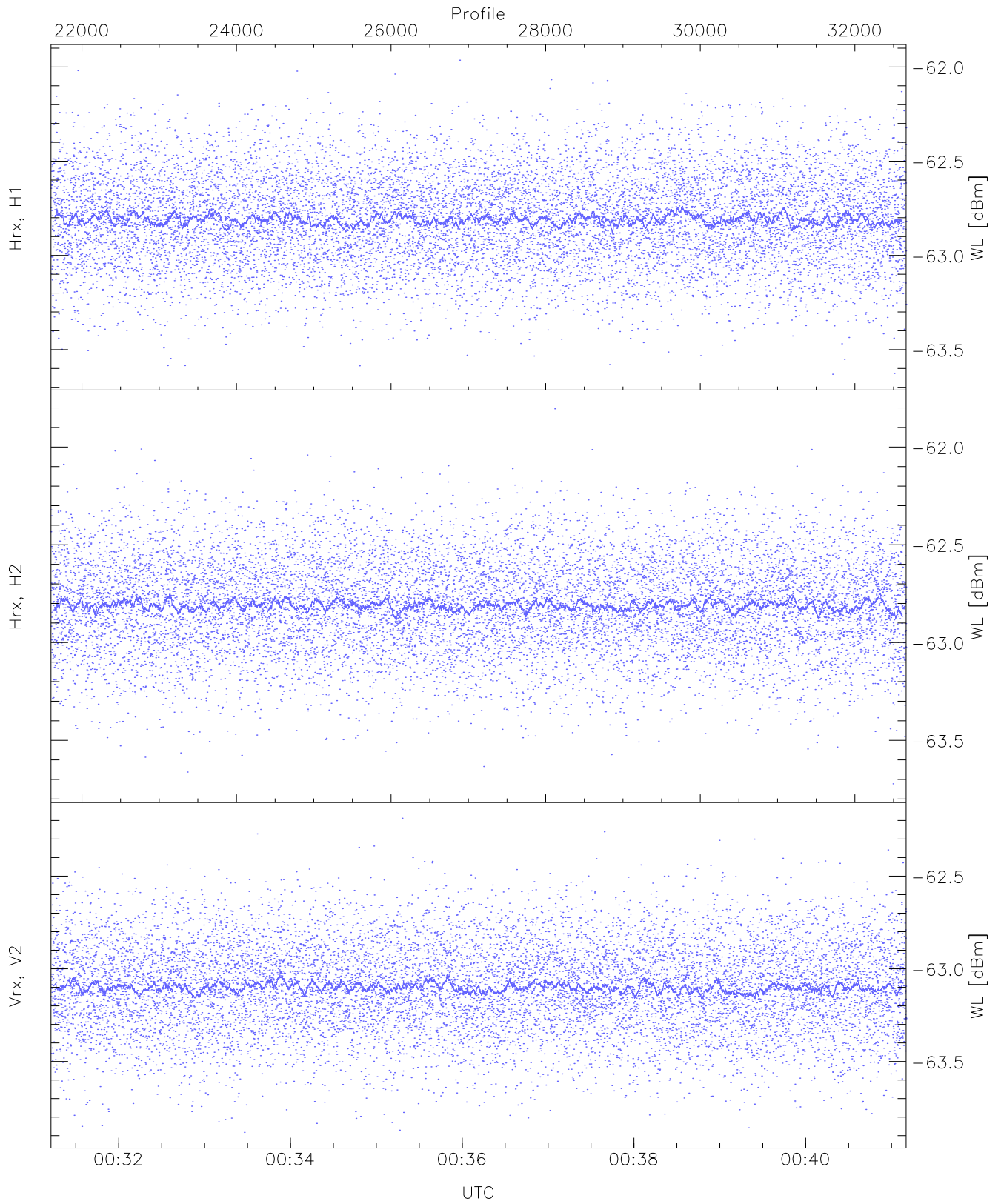
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,17,25,26,30
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,95,19,27,27,31
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,10,10,10,10)



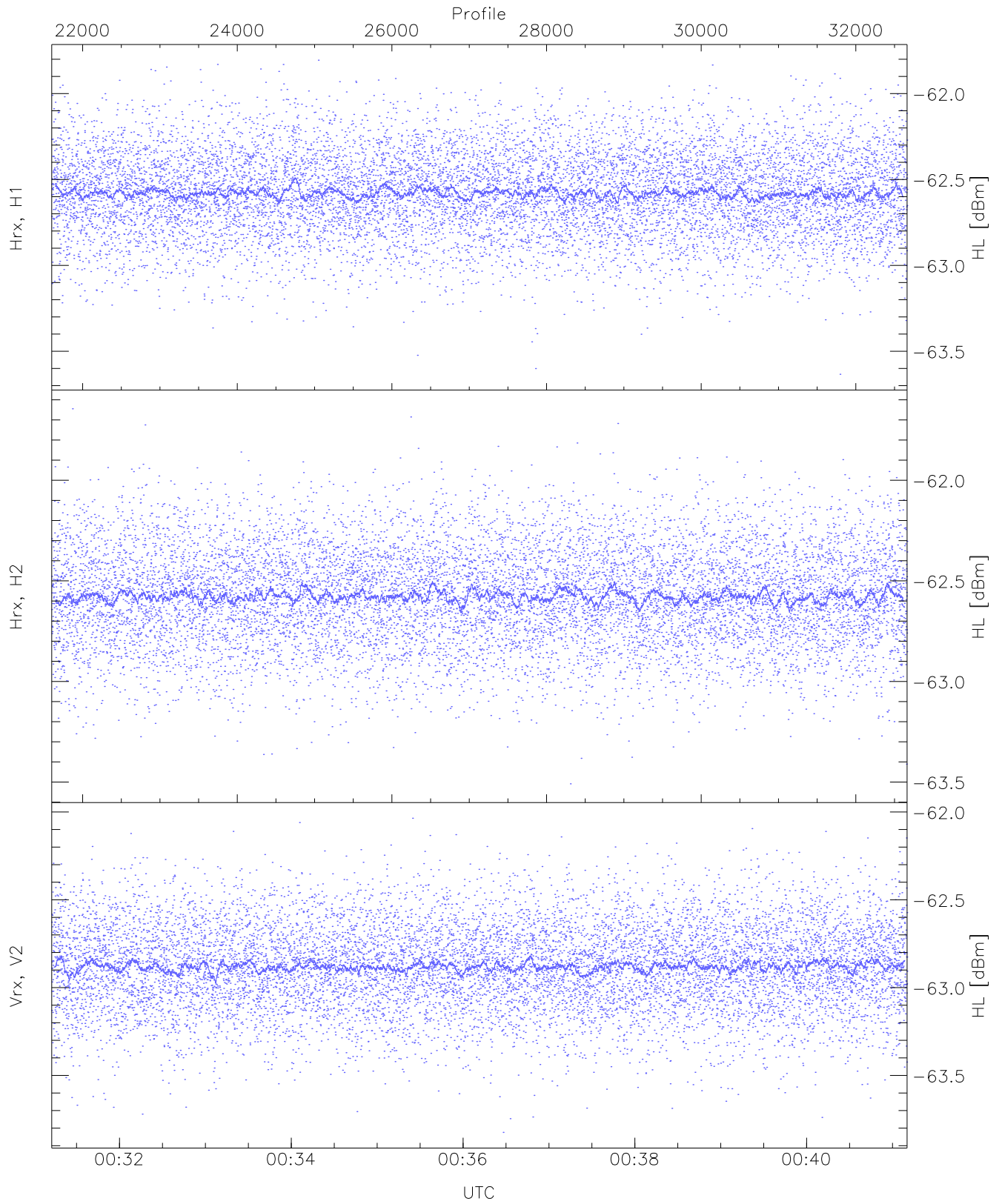
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1334 pixs, 53 gates, 1314 profs, 2 prods



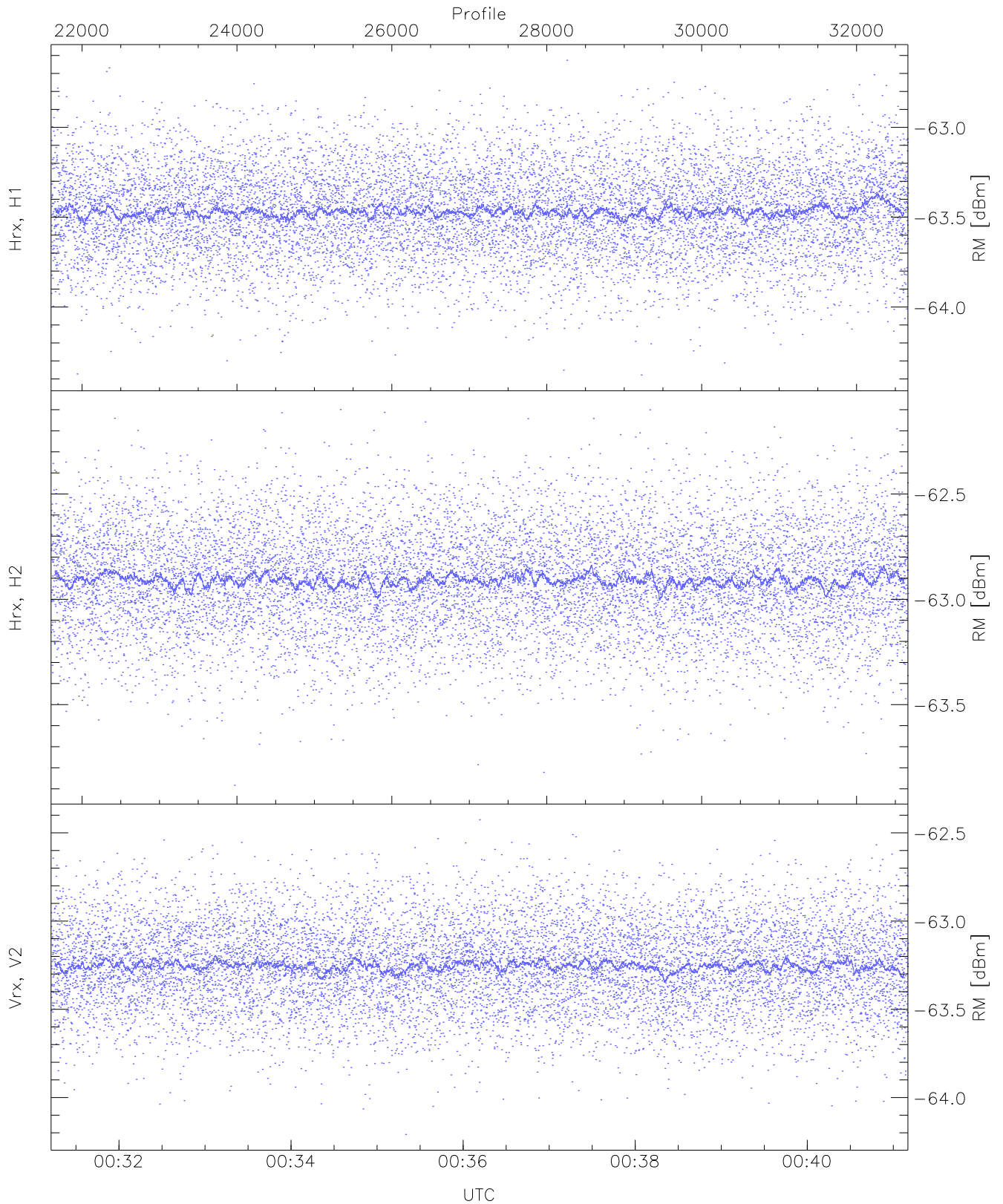
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.63	-61.96	-62.81	-62.81	-75.57
Hrx, H2 (WL [dBm])	-63.72	-61.80	-62.81	-62.81	-75.56
Vrx, V2 (WL [dBm])	-63.88	-62.19	-63.10	-63.10	-75.82



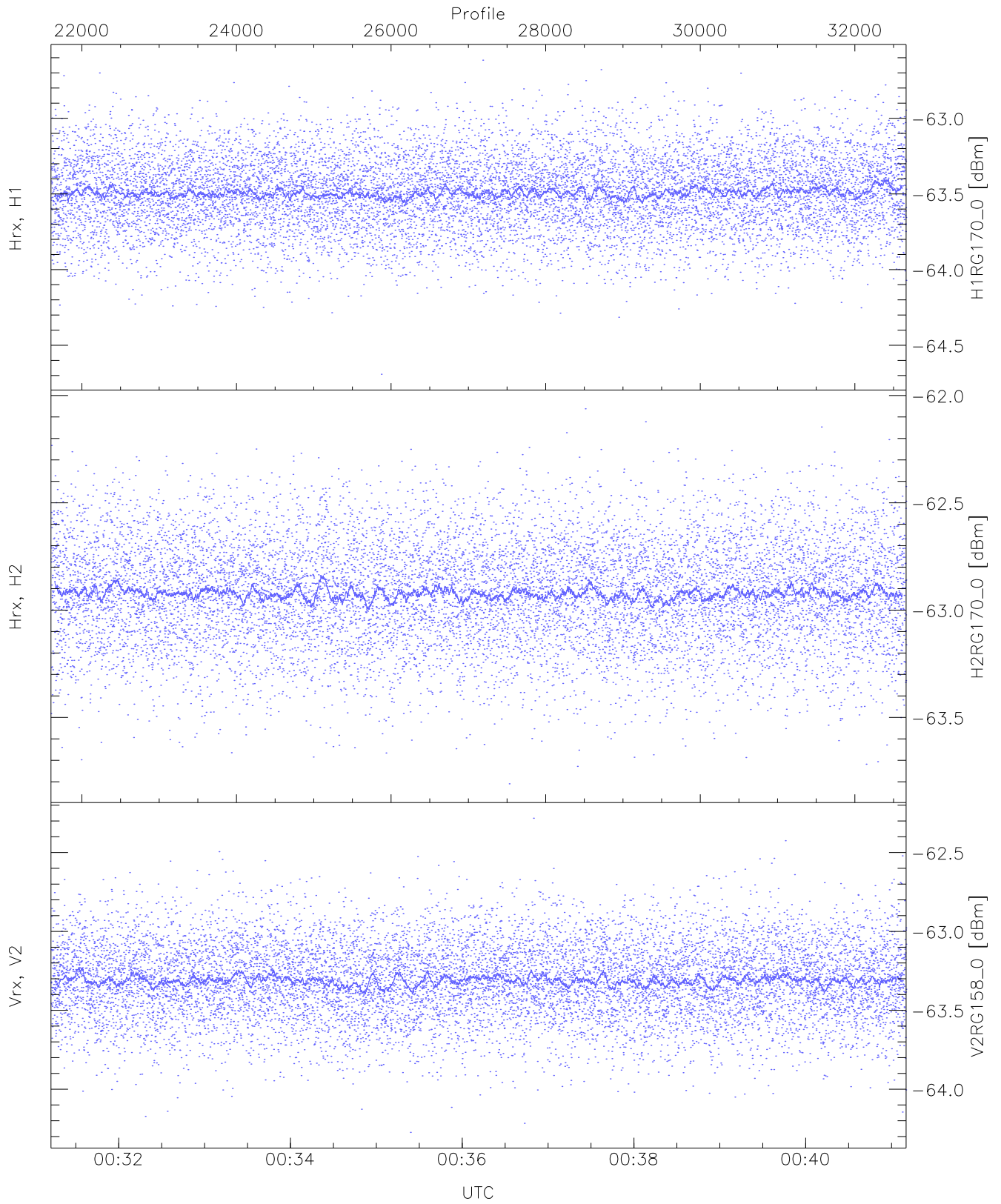
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.63	-61.81	-62.58	-62.58	-75.26
Hrx, H2 (HL [dBm])	-63.51	-61.64	-62.57	-62.58	-75.29
Vrx, V2 (HL [dBm])	-63.82	-62.04	-62.88	-62.88	-75.54



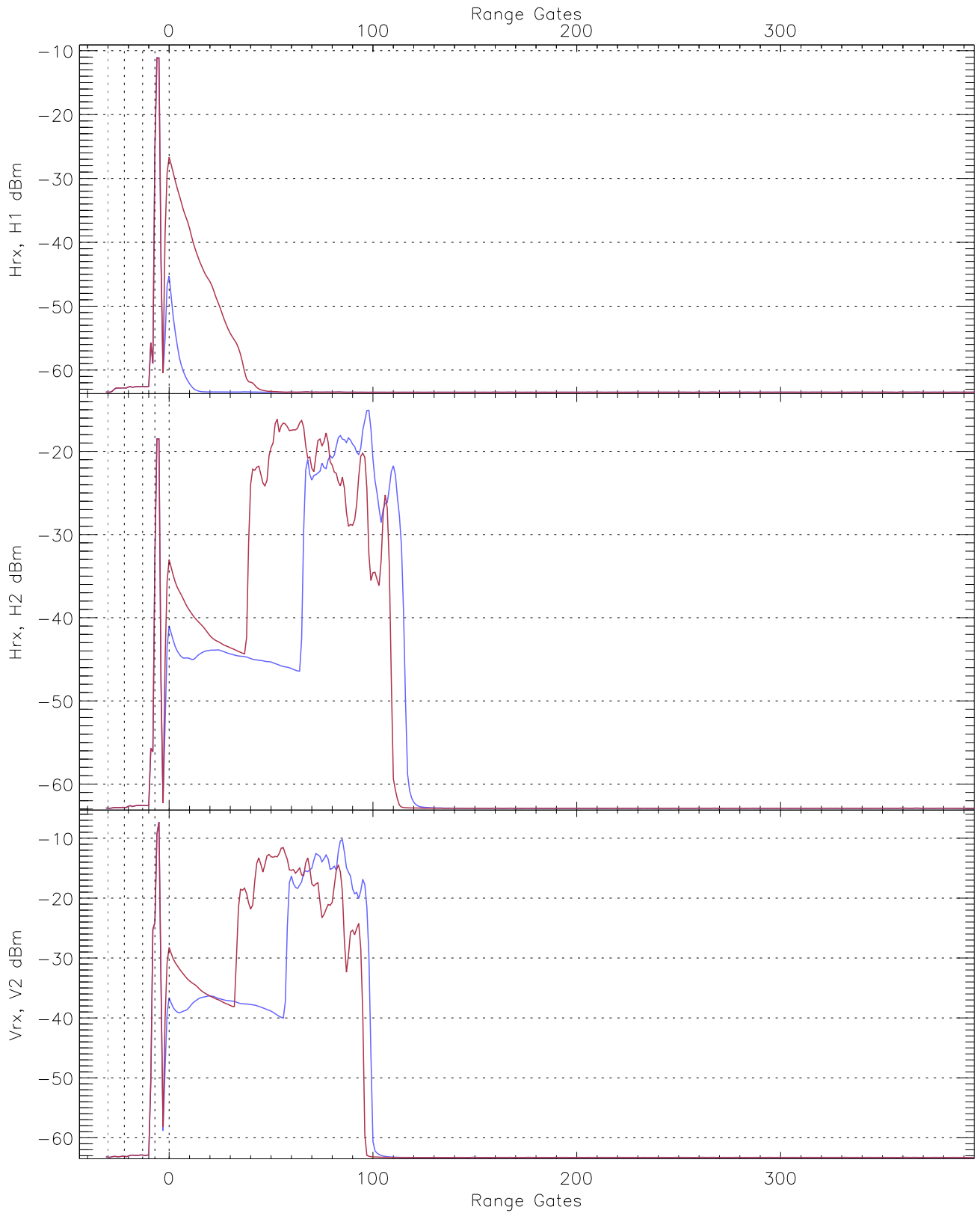
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.38	-62.63	-63.47	-63.47	-76.14
Hrx, H2 (RM [dBm])	-63.88	-62.10	-62.90	-62.91	-75.62
Vrx, V2 (RM [dBm])	-64.21	-62.43	-63.25	-63.25	-75.99

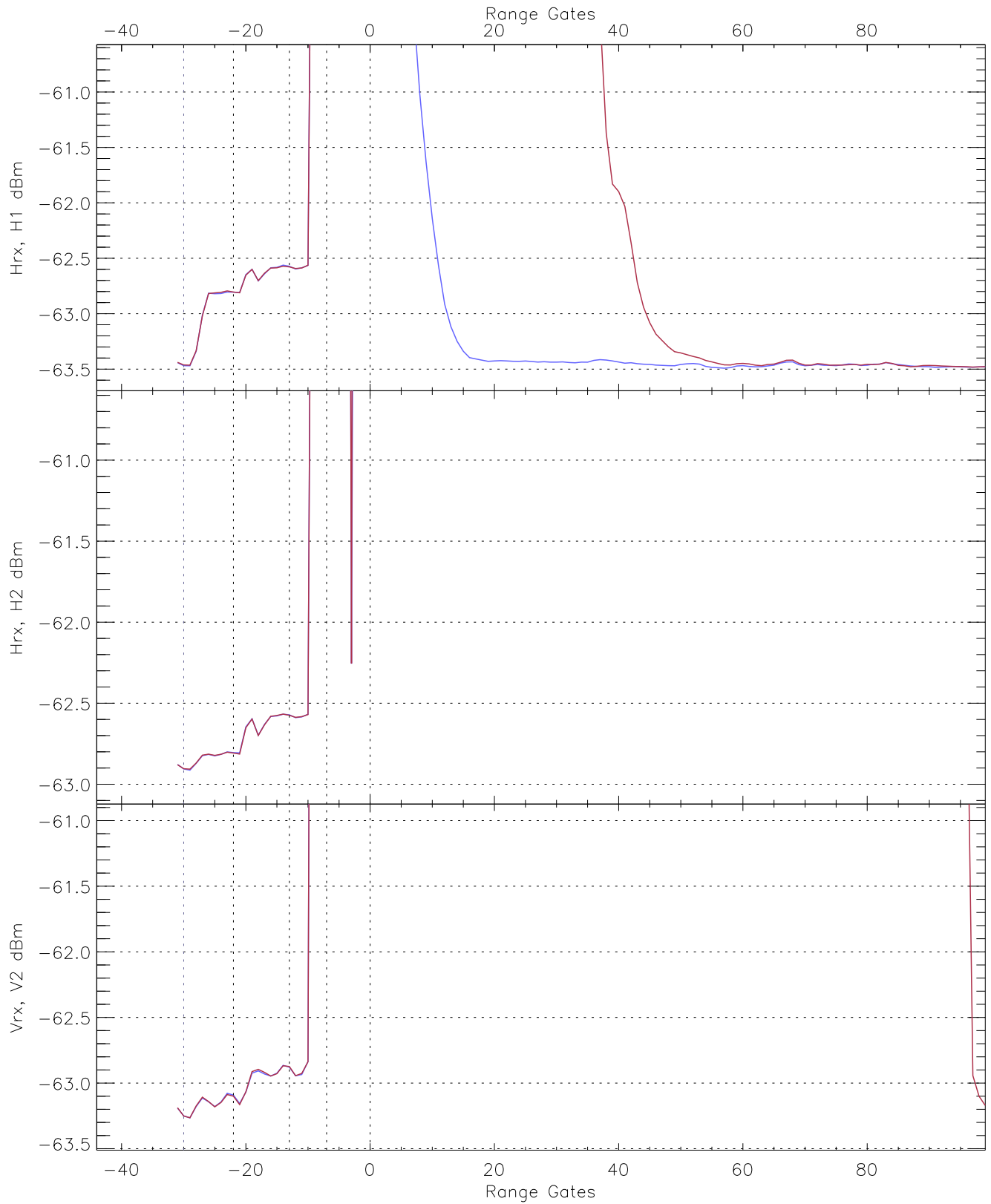


WCR2 CPP "Best" estimate Receivers Noise Power

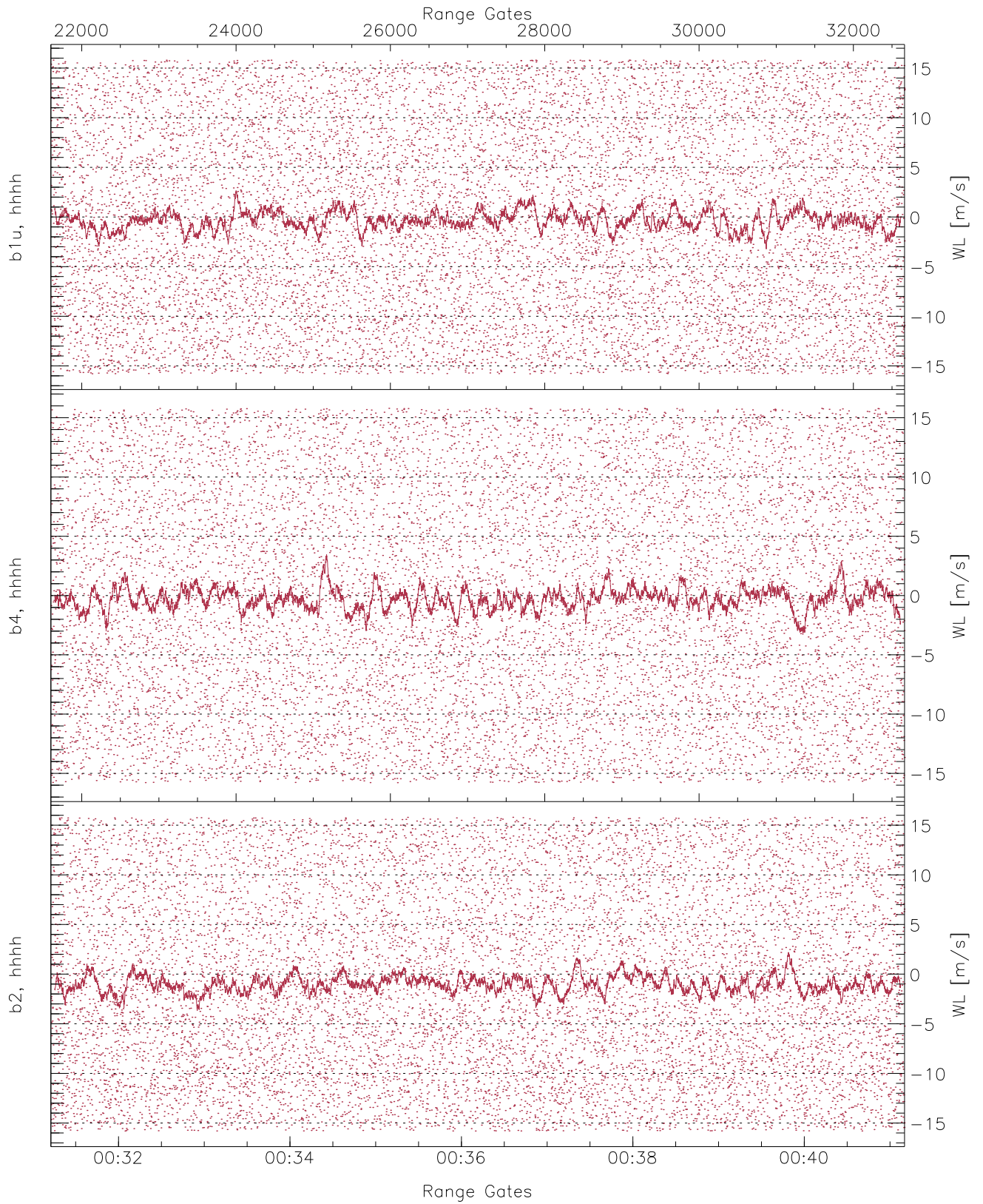
	Min	Max	Mean	Median	StDev
H1RG170_0 [dBm]	-64.69	-62.62	-63.49	-63.49	-76.15
H2RG170_0 [dBm]	-63.81	-62.06	-62.92	-62.92	-75.66
V2RG158_0 [dBm]	-64.27	-62.28	-63.31	-63.31	-76.01



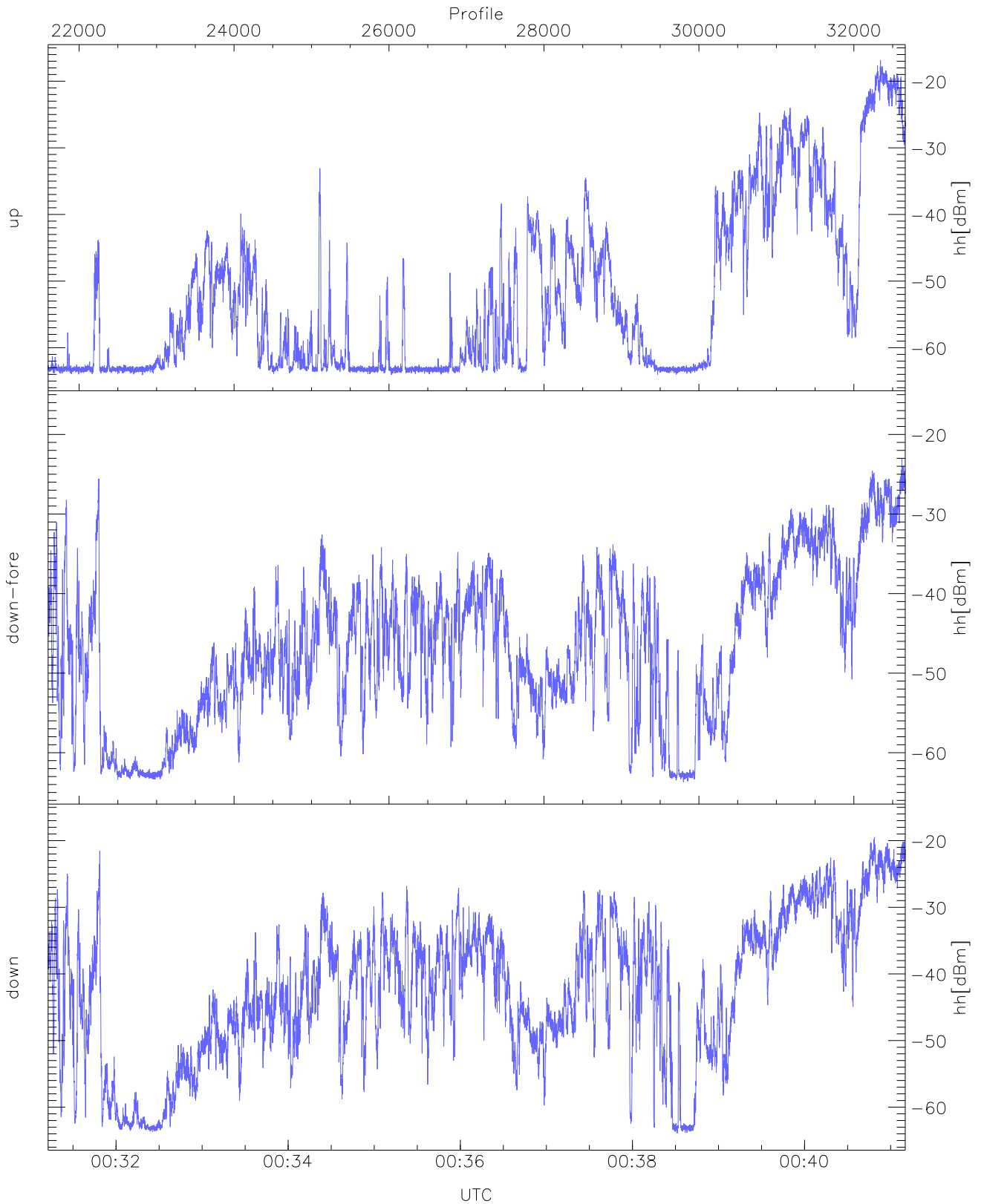
WCR2 CPP Averaged Received power for all recorded gates
blue: 003113-003611, 5533 profiles averaged
red: 003611-004110, 5532 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 003113-003611, 5533 profiles averaged
red: 003611-004110, 5532 profiles averaged

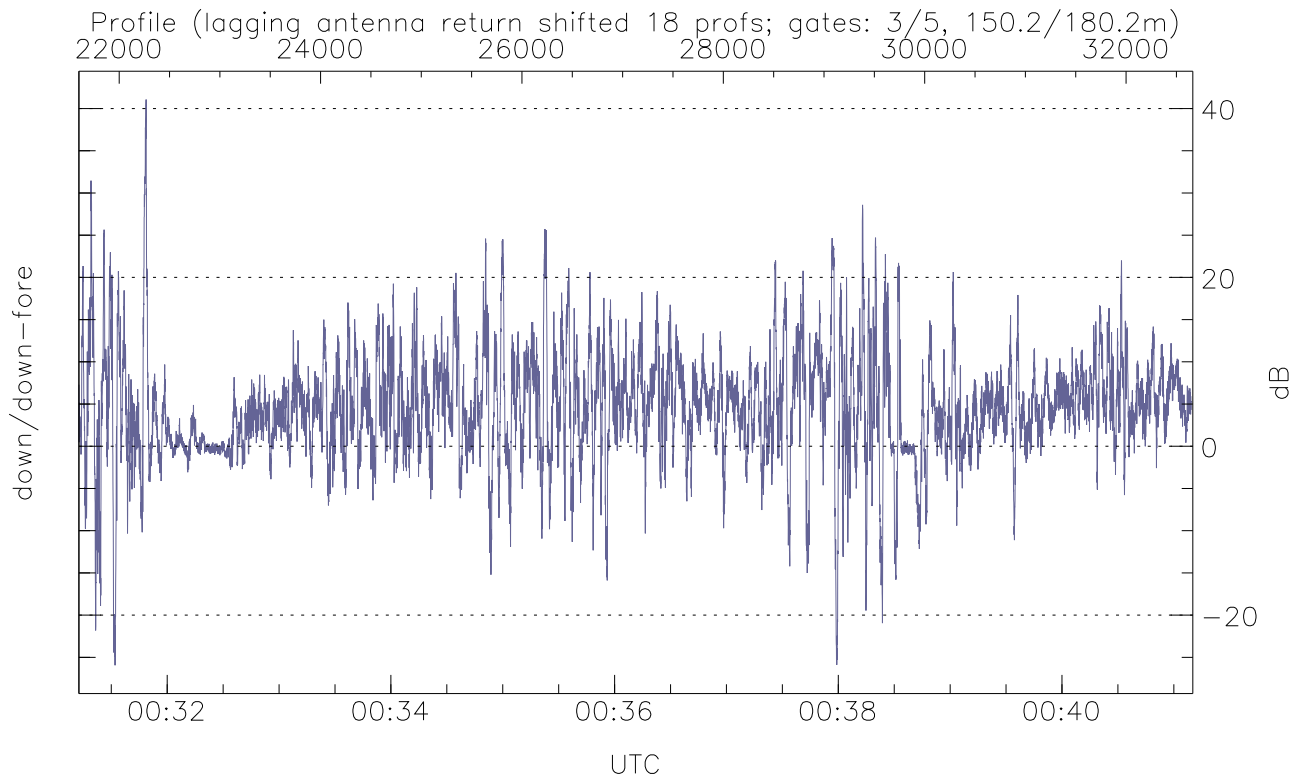
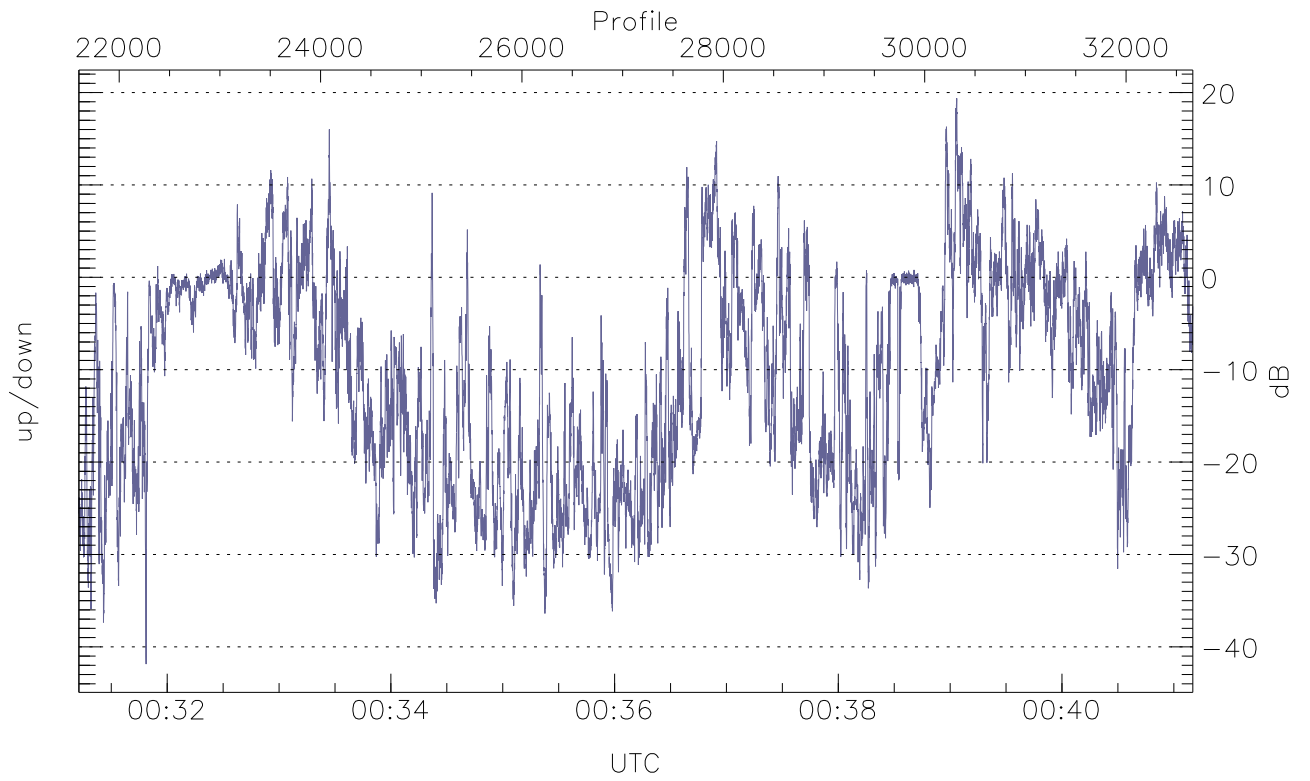


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



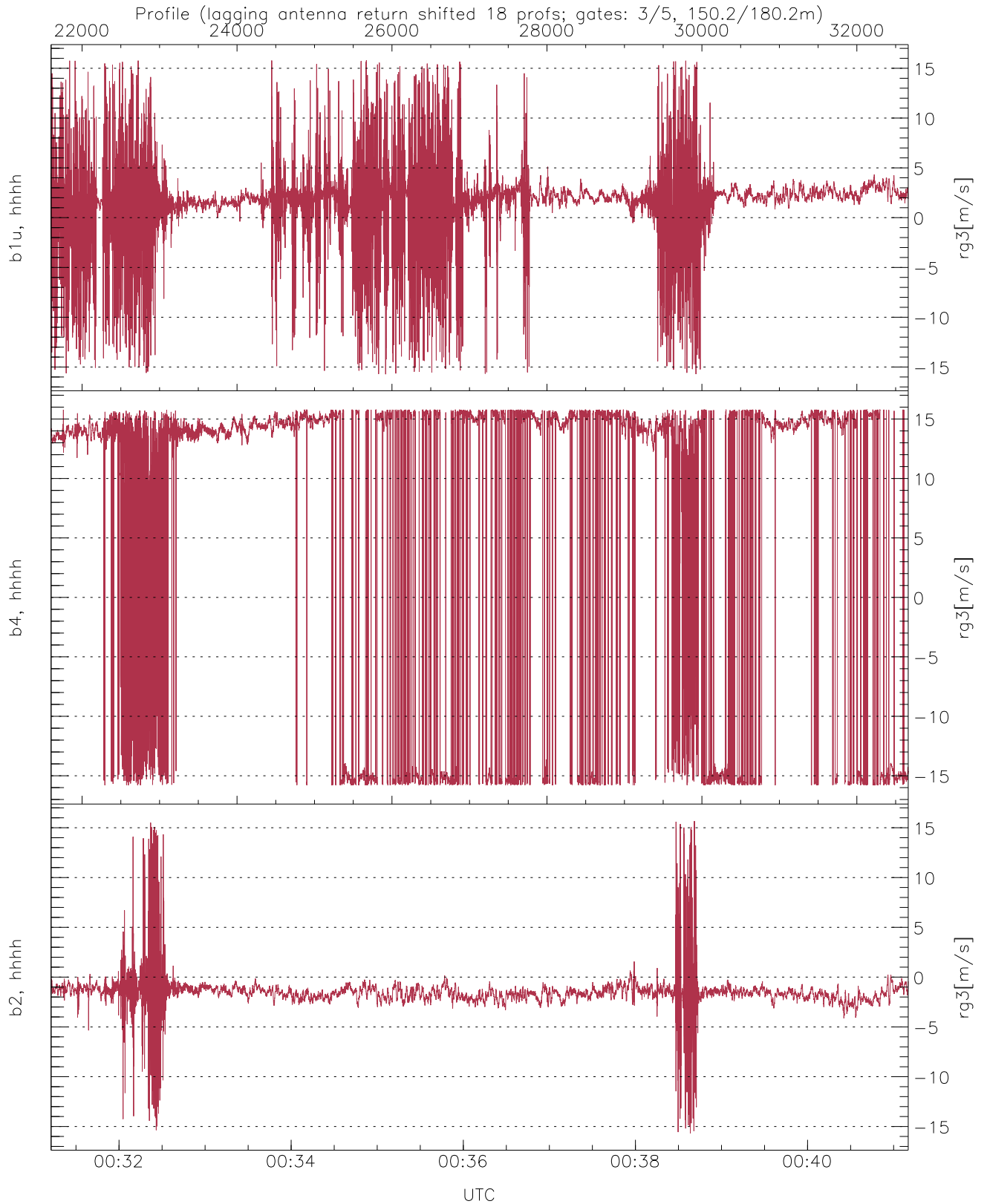
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.09	-16.87	-33.37
down-fore(hh[dBm])	-63.69	-23.09	-38.06
down(hh[dBm])	-63.91	-19.48	-33.14



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

	Min	Max	Mean
up/down (dB)	-41.87	19.38	-10.20
down/down-fore (dB)	-25.94	41.07	4.60



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.72	15.79	1.35	3.75
b4, hhhh(rg3[m/s])	-15.80	15.80	6.45	13.14
b2, hhhh(rg3[m/s])	-15.67	15.67	-1.52	1.75