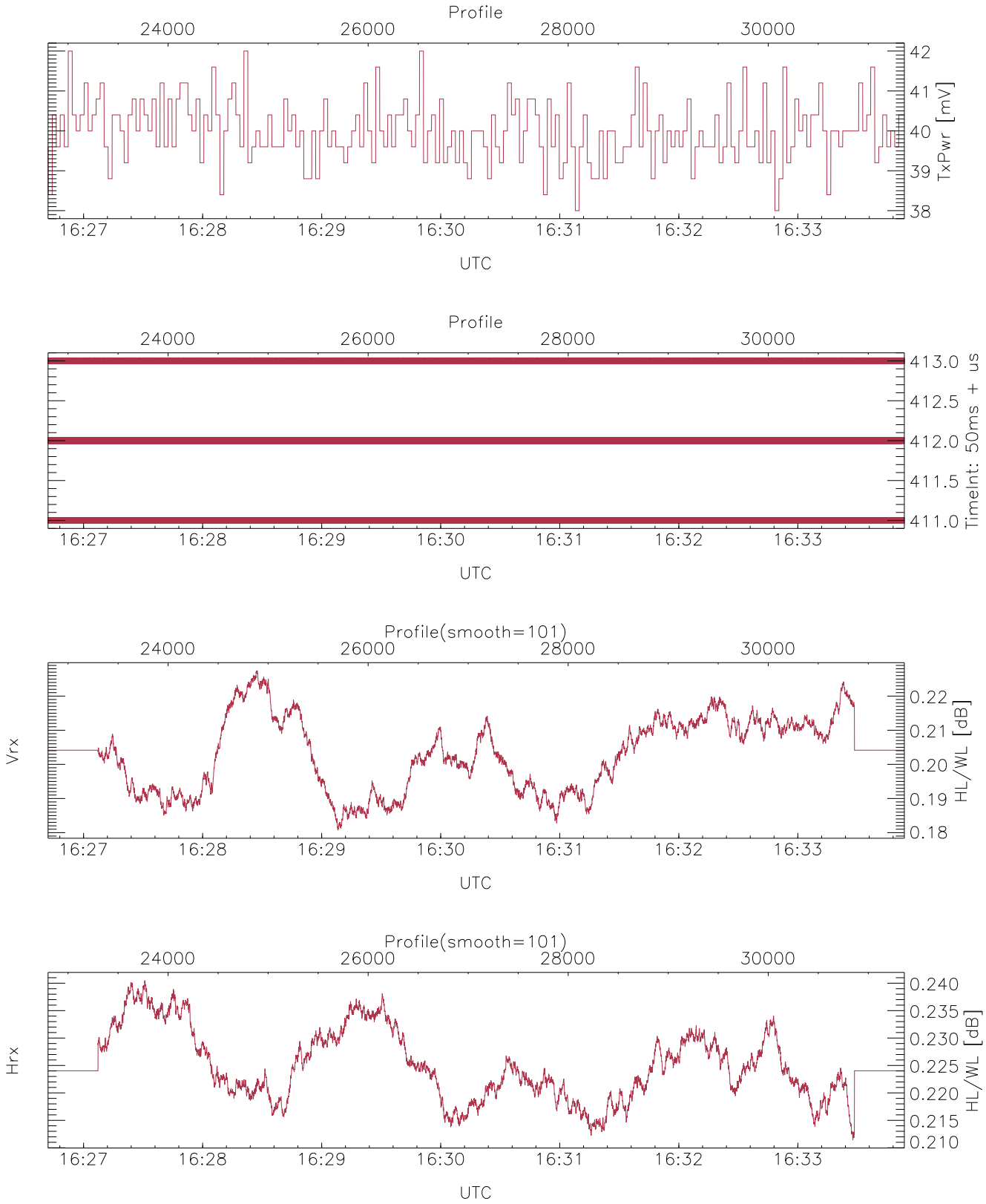
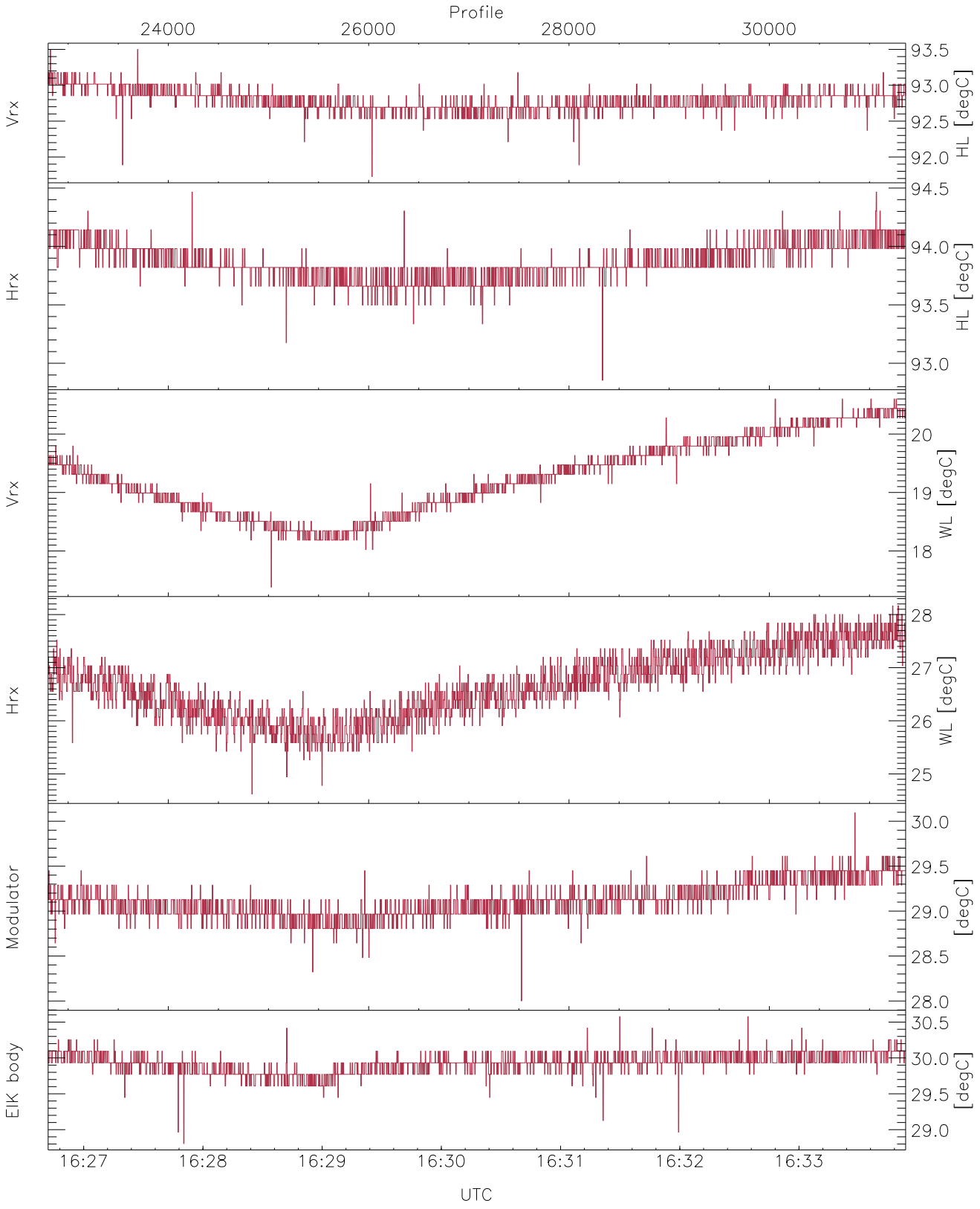


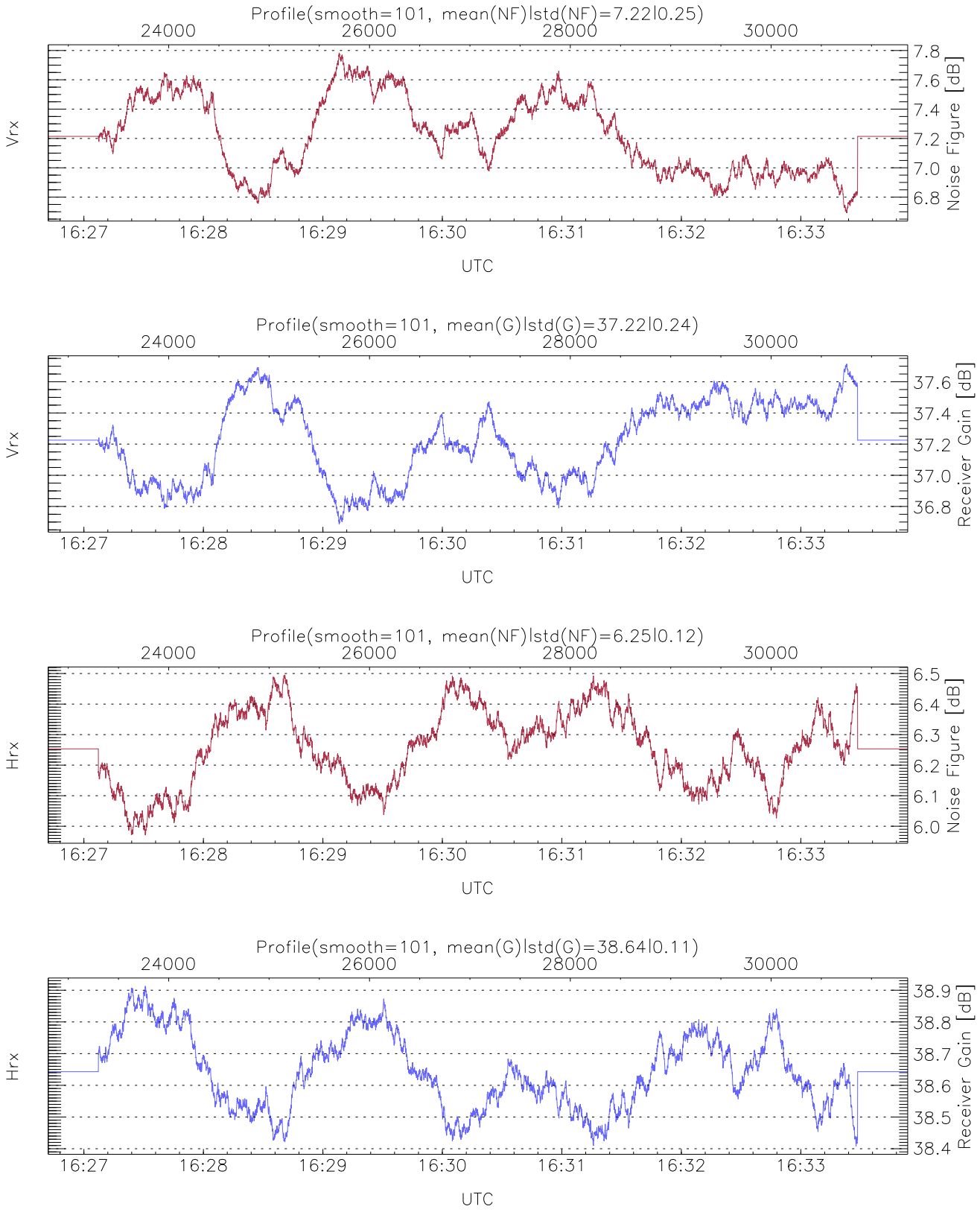
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:07:33-16:33:54, Dur: 1580.99s
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): 8562/31362, 22800-31361/16:26:42-16:33:54
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



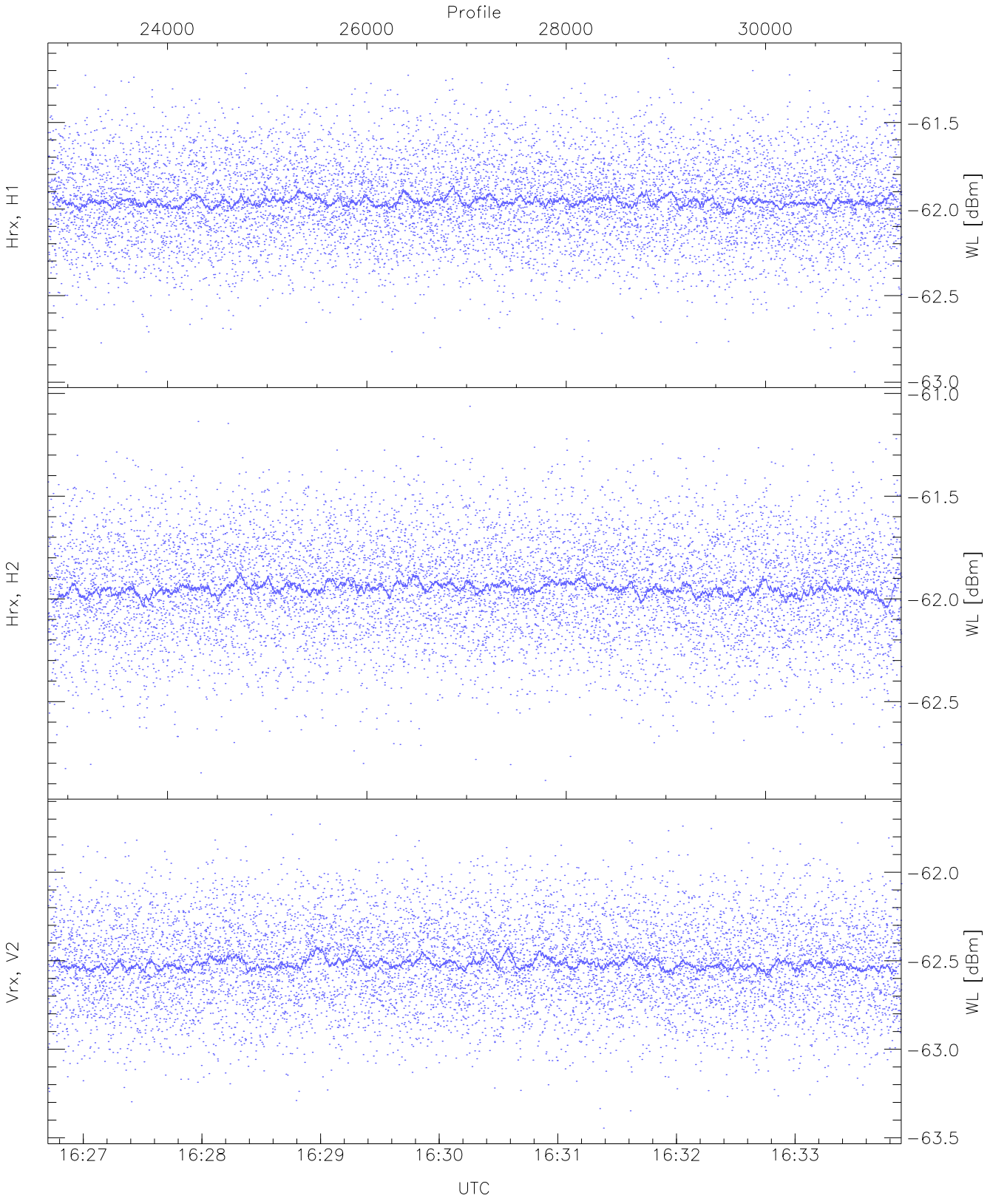
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,17,24,28,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,20,28,30,30
LOalarm(20,80,240,2.8,14.8 MHz): 5,0,0,0,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,5,10)



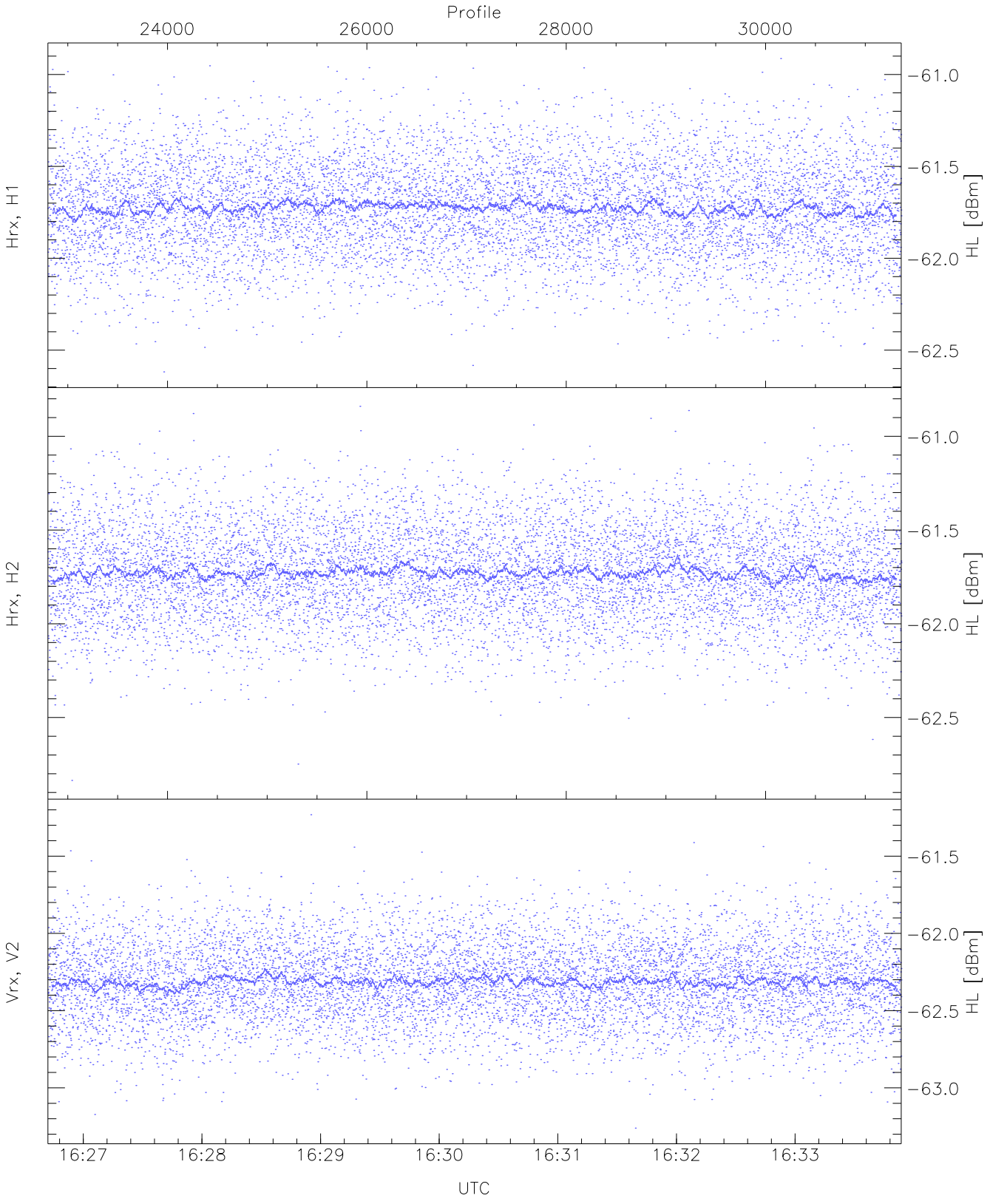
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 3783 pixs, 34 gates, 3672 profs, 2 prods



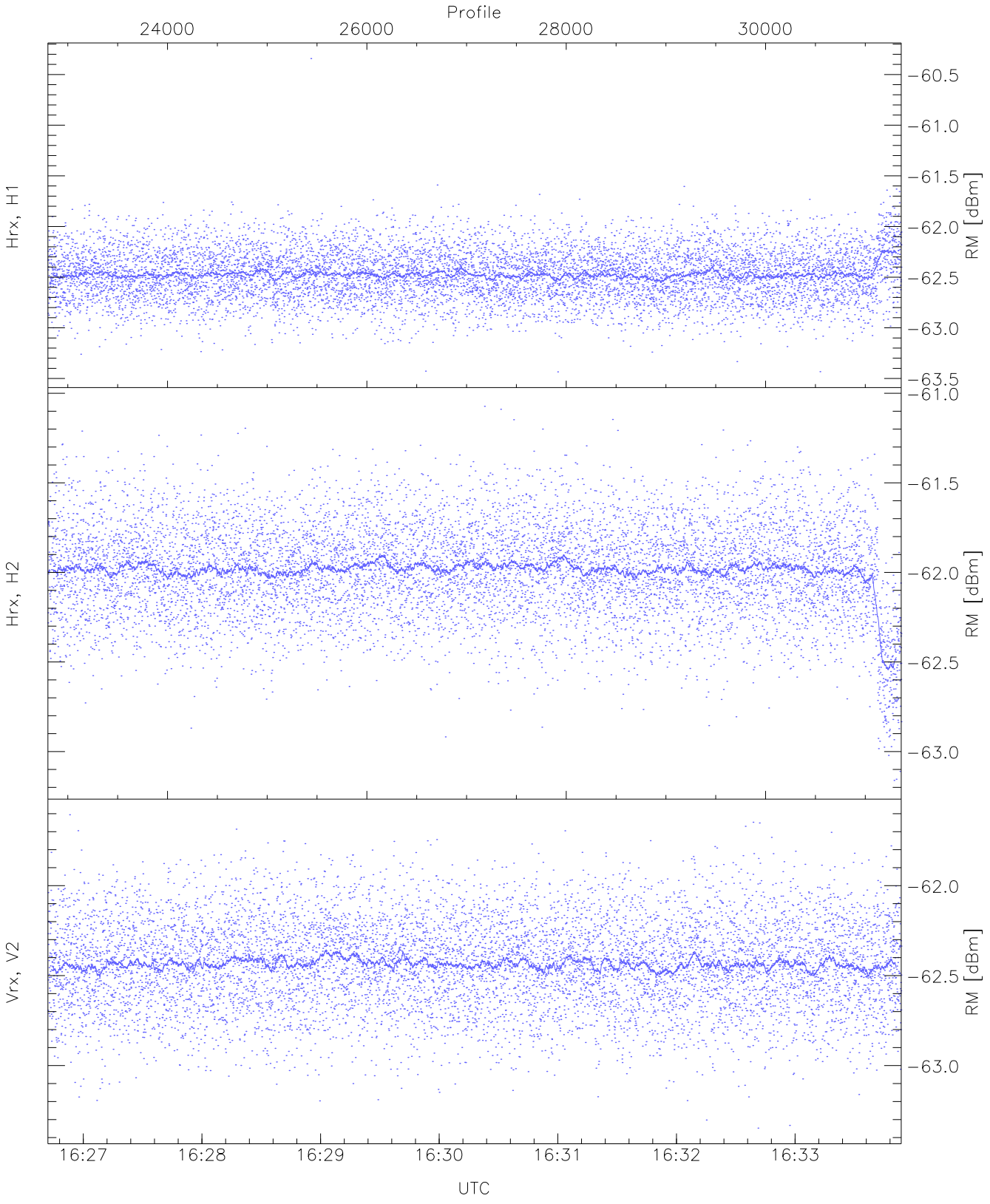
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.94	-61.13	-61.95	-61.96	-74.52
Hrx, H2(WL [dBm])	-62.88	-61.06	-61.95	-61.95	-74.54
Vrx, V2(WL [dBm])	-63.45	-61.68	-62.51	-62.52	-75.09



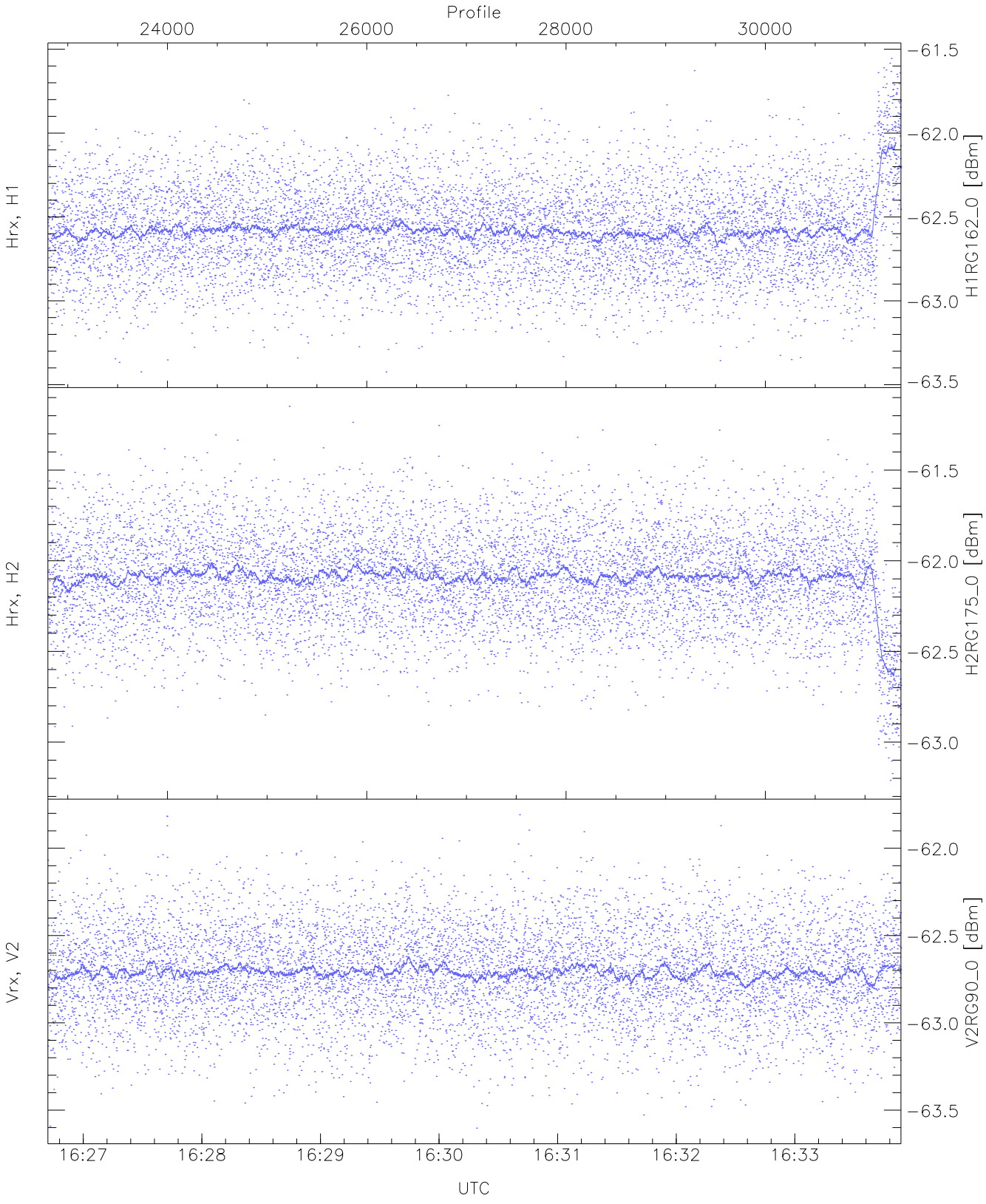
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.62	-60.91	-61.72	-61.73	-74.30
Hrx, H2(HL [dBm])	-62.84	-60.84	-61.73	-61.74	-74.38
Vrx, V2(HL [dBm])	-63.26	-61.23	-62.31	-62.32	-74.87



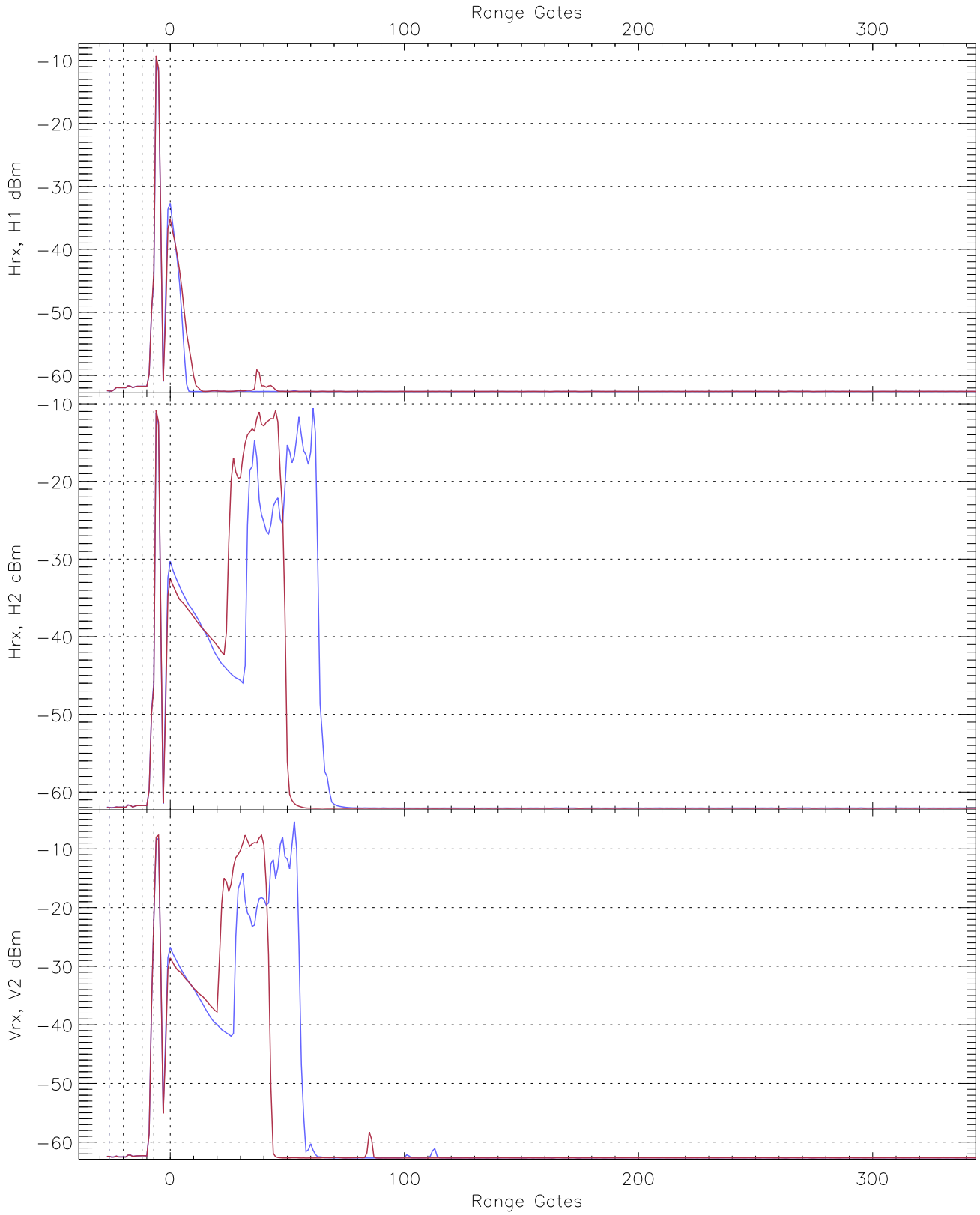
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.44	-60.34	-62.47	-62.47	-74.94
Hrx, H2(RM [dBm])	-63.16	-61.07	-61.99	-61.99	-74.31
Vrx, V2(RM [dBm])	-63.35	-61.61	-62.43	-62.43	-75.01

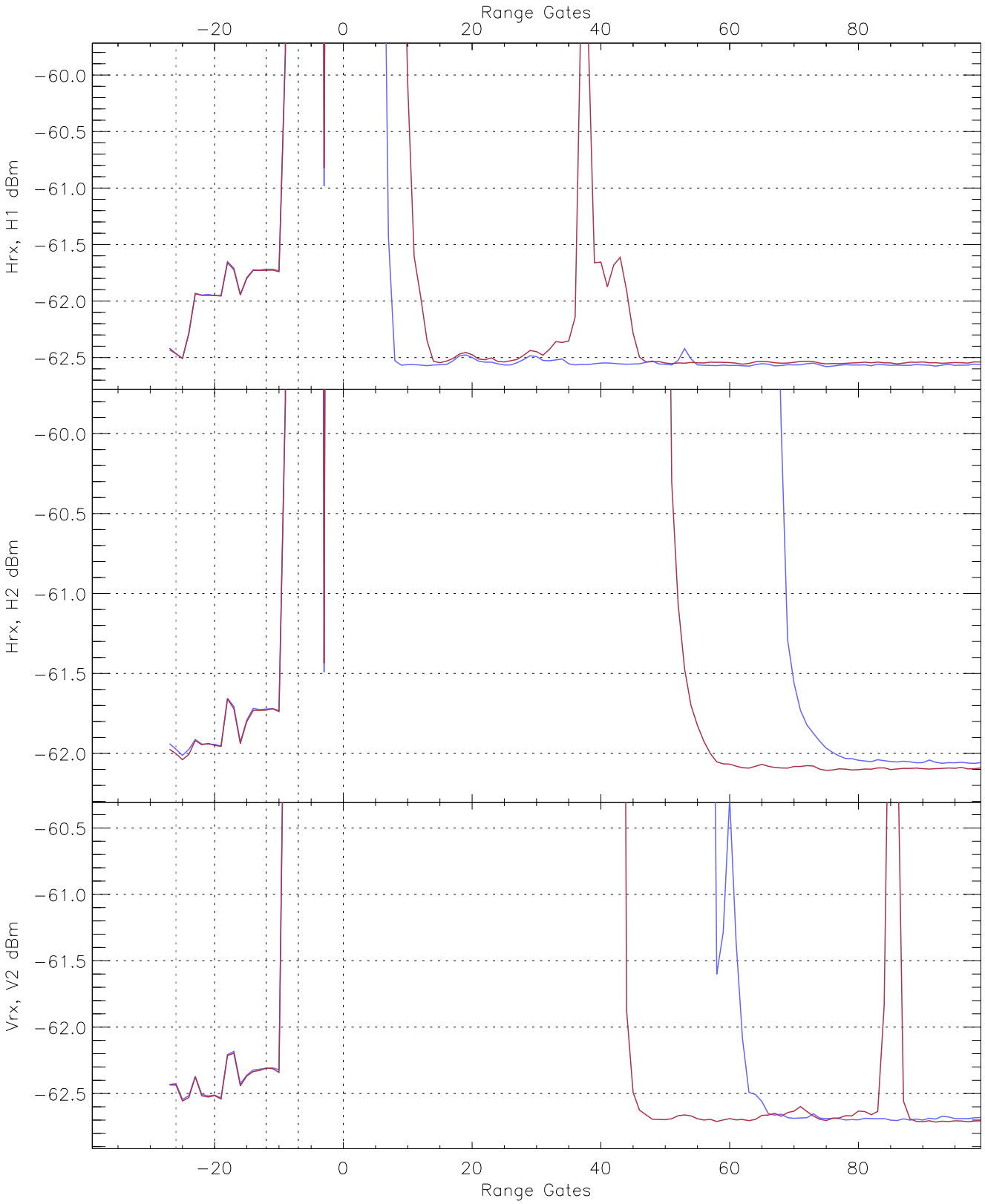


WCR2 CPP "Best" estimate Receivers Noise Power

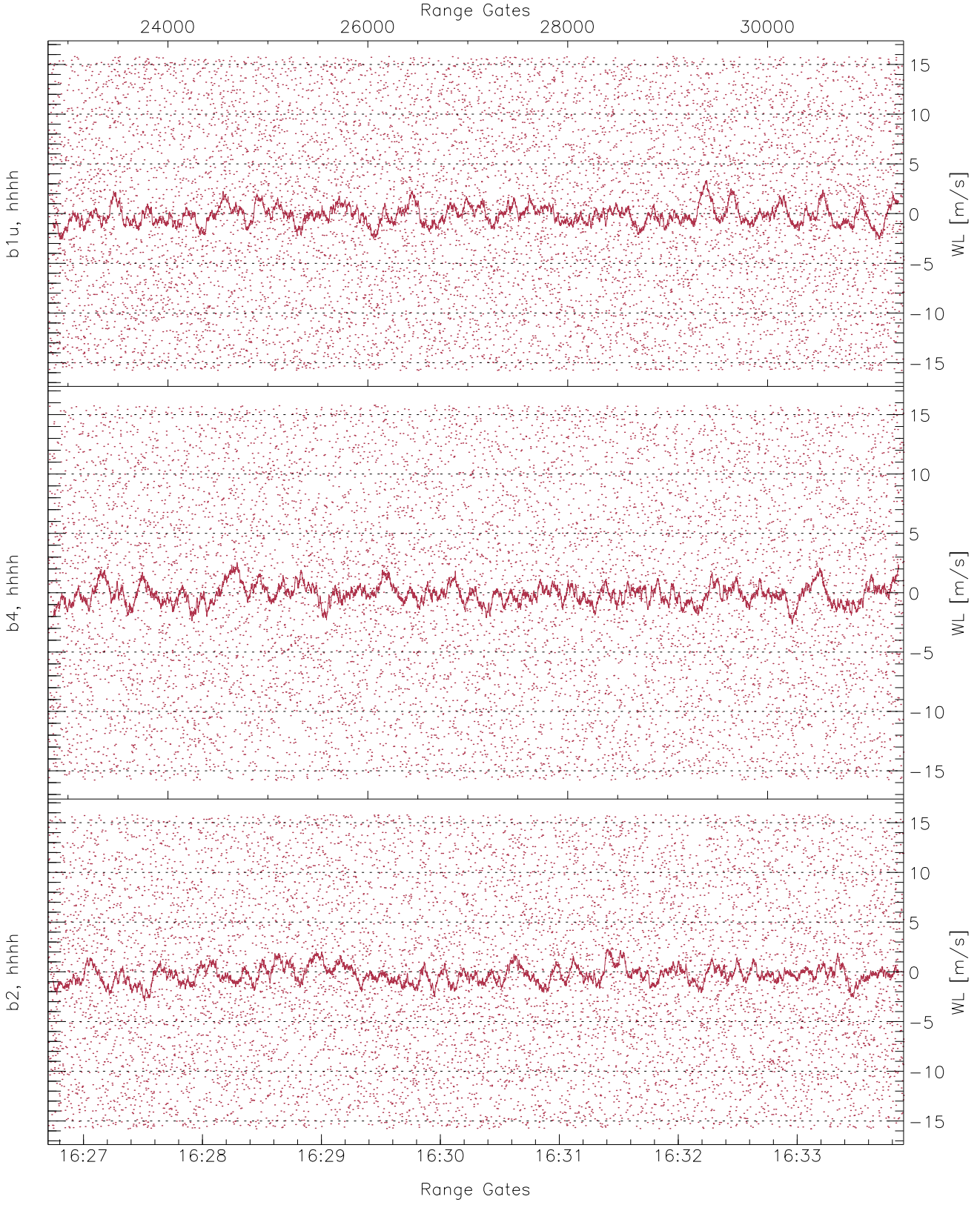
	Min	Max	Mean	Median	StDev
H1RG162_0 [dBm]	-63.42	-61.56	-62.57	-62.58	-74.87
H2RG175_0 [dBm]	-63.21	-61.15	-62.09	-62.09	-74.47
V2RG90_0 [dBm]	-63.60	-61.81	-62.71	-62.71	-75.21



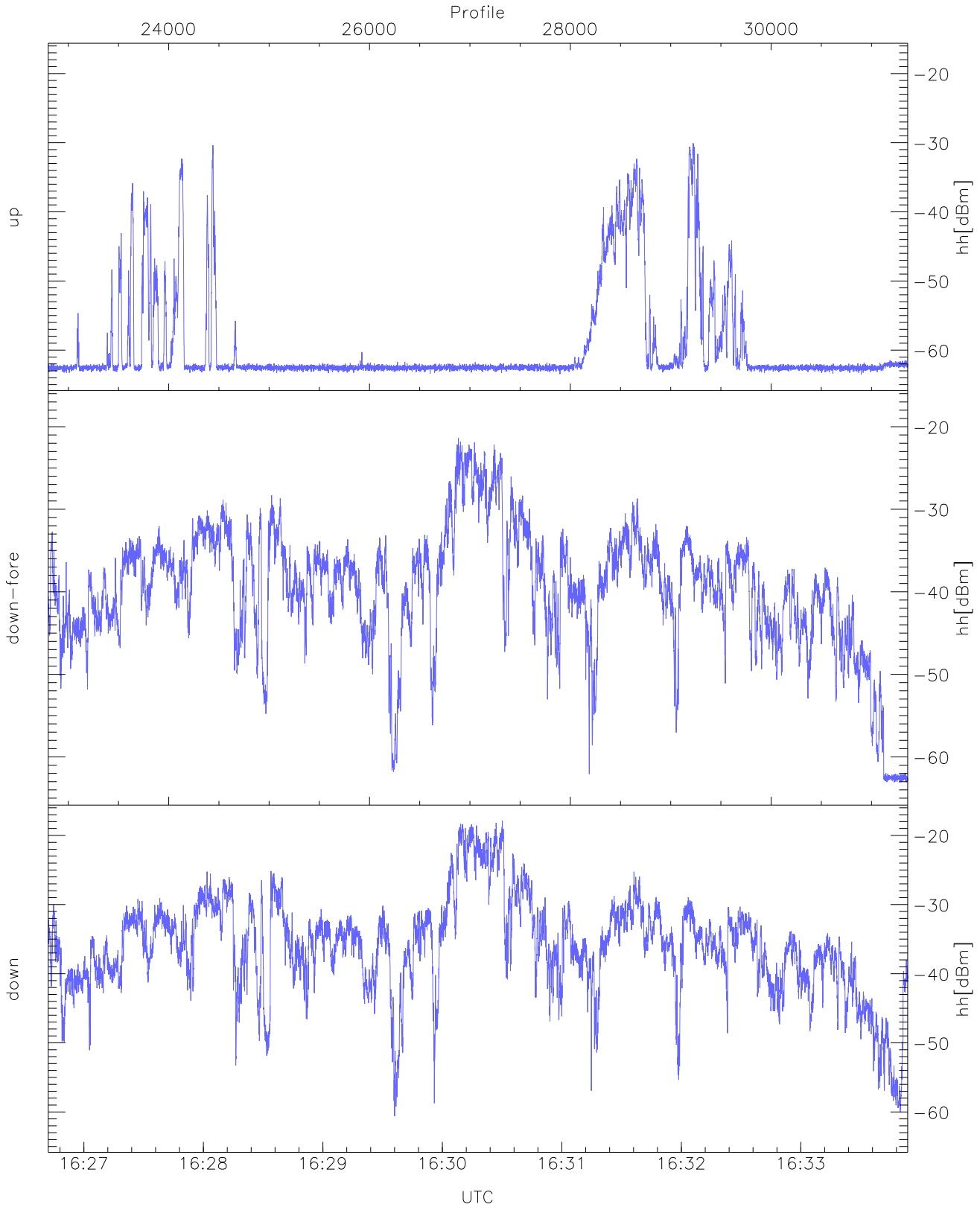
WCR2 CPP Averaged Received power for all recorded gates
blue: 162642-163018, 4282 profiles averaged
red: 163018-163354, 4281 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 162642-163018, 4282 profiles averaged
red: 163018-163354, 4281 profiles averaged

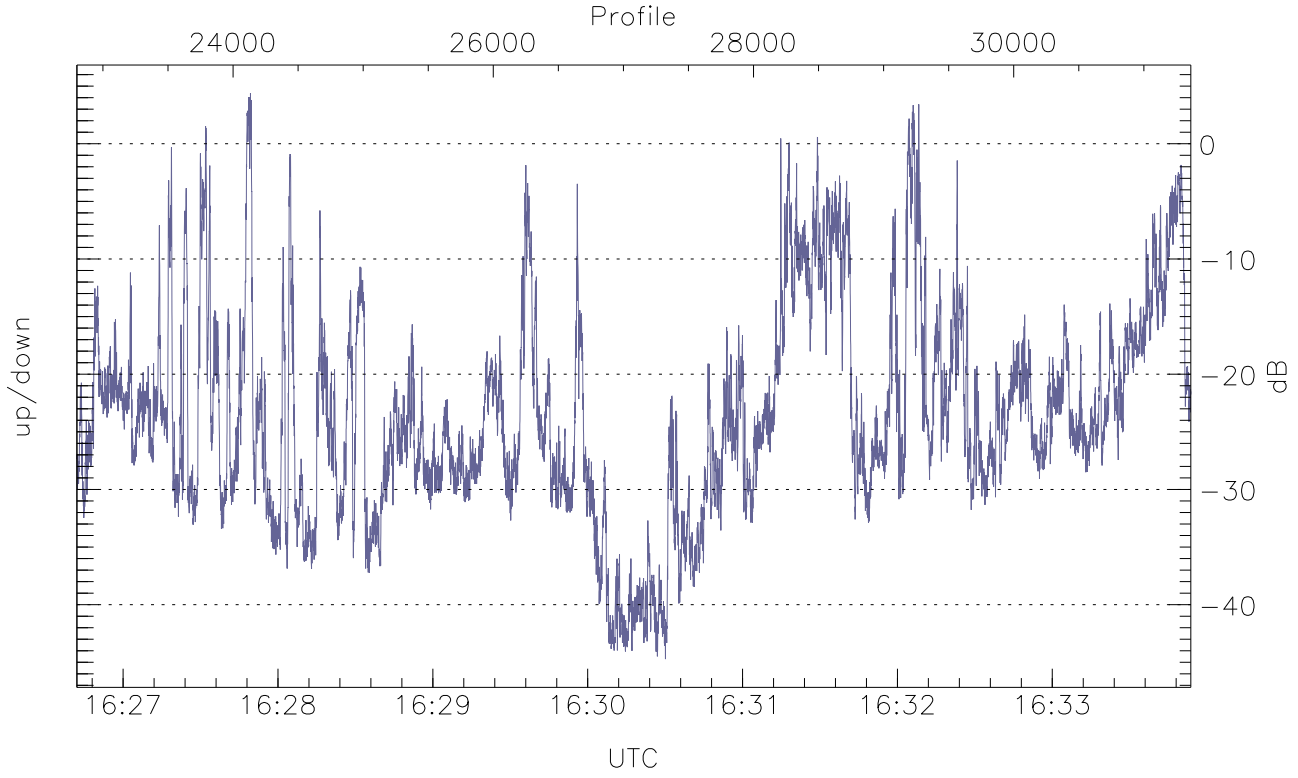


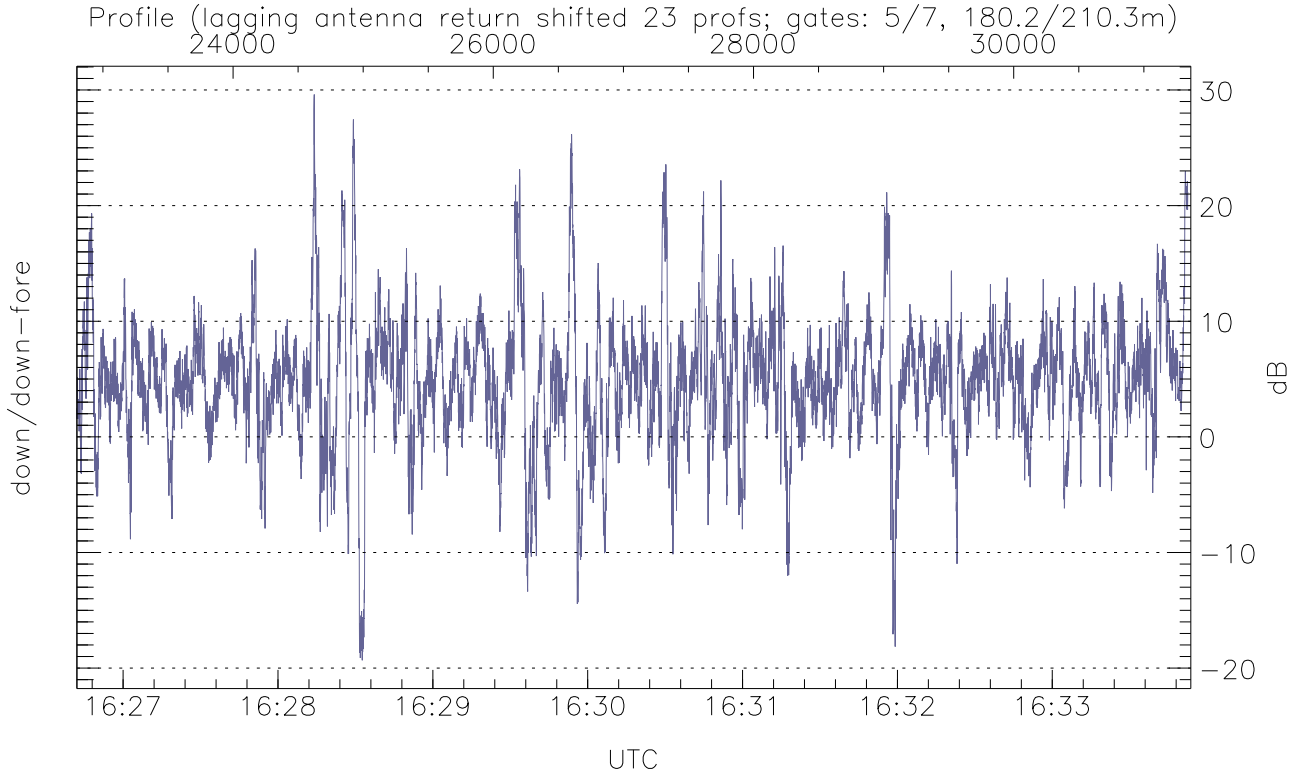
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

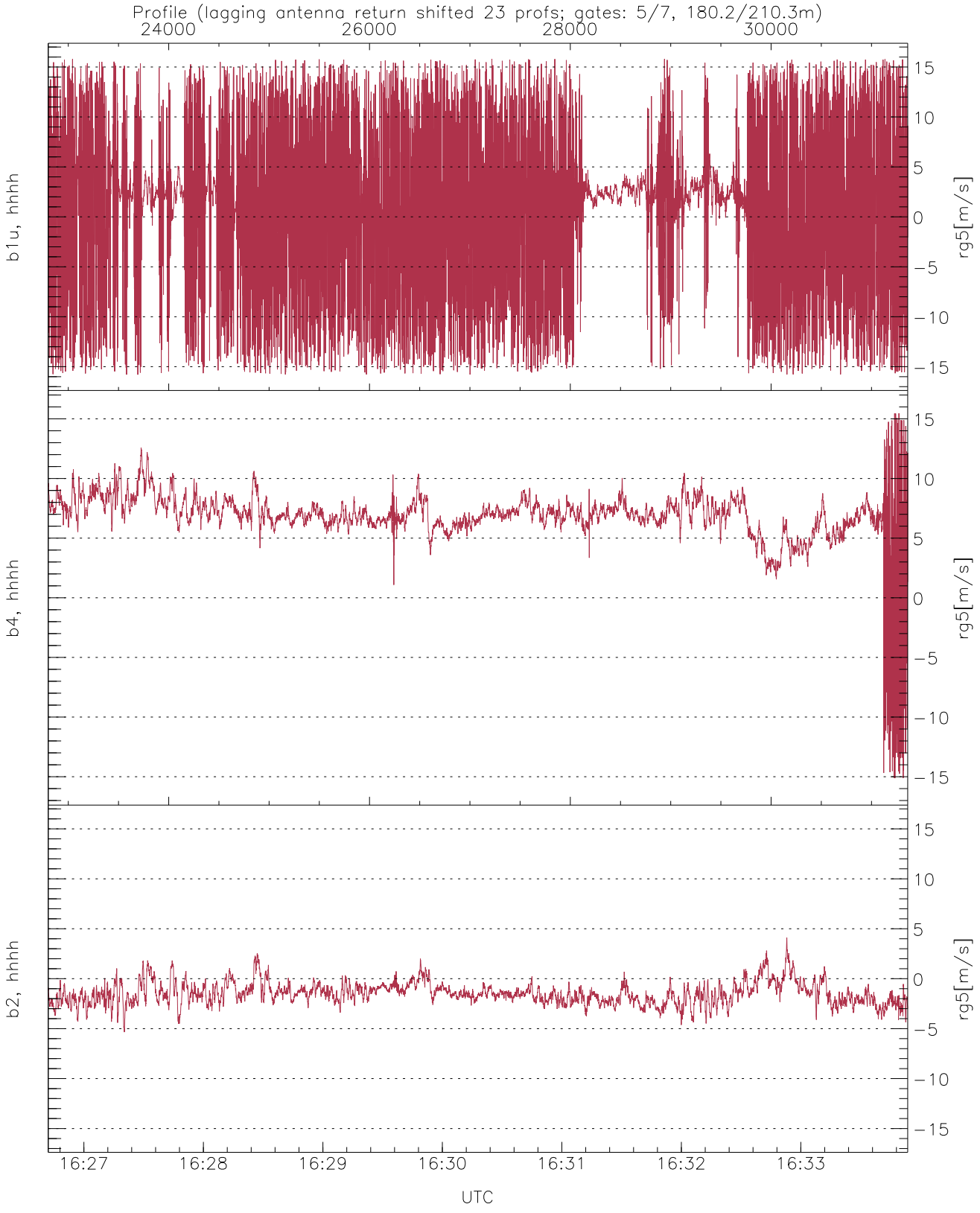
	Min	Max	Mean
up(hh[dBm])	-63.56	-30.06	-47.93
down-fore(hh[dBm])	-63.10	-21.35	-34.80
down(hh[dBm])	-60.60	-17.89	-31.02





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

	Min	Max	Mean
up/down(dB)	-44.72	4.38	-23.46
down/down-fore(dB)	-19.32	29.61	4.87



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	0.53	7.75
b4, hhhh(rg5[m/s])	-15.12	15.47	6.82	2.36
b2, hhhh(rg5[m/s])	-5.34	4.09	-1.48	1.11