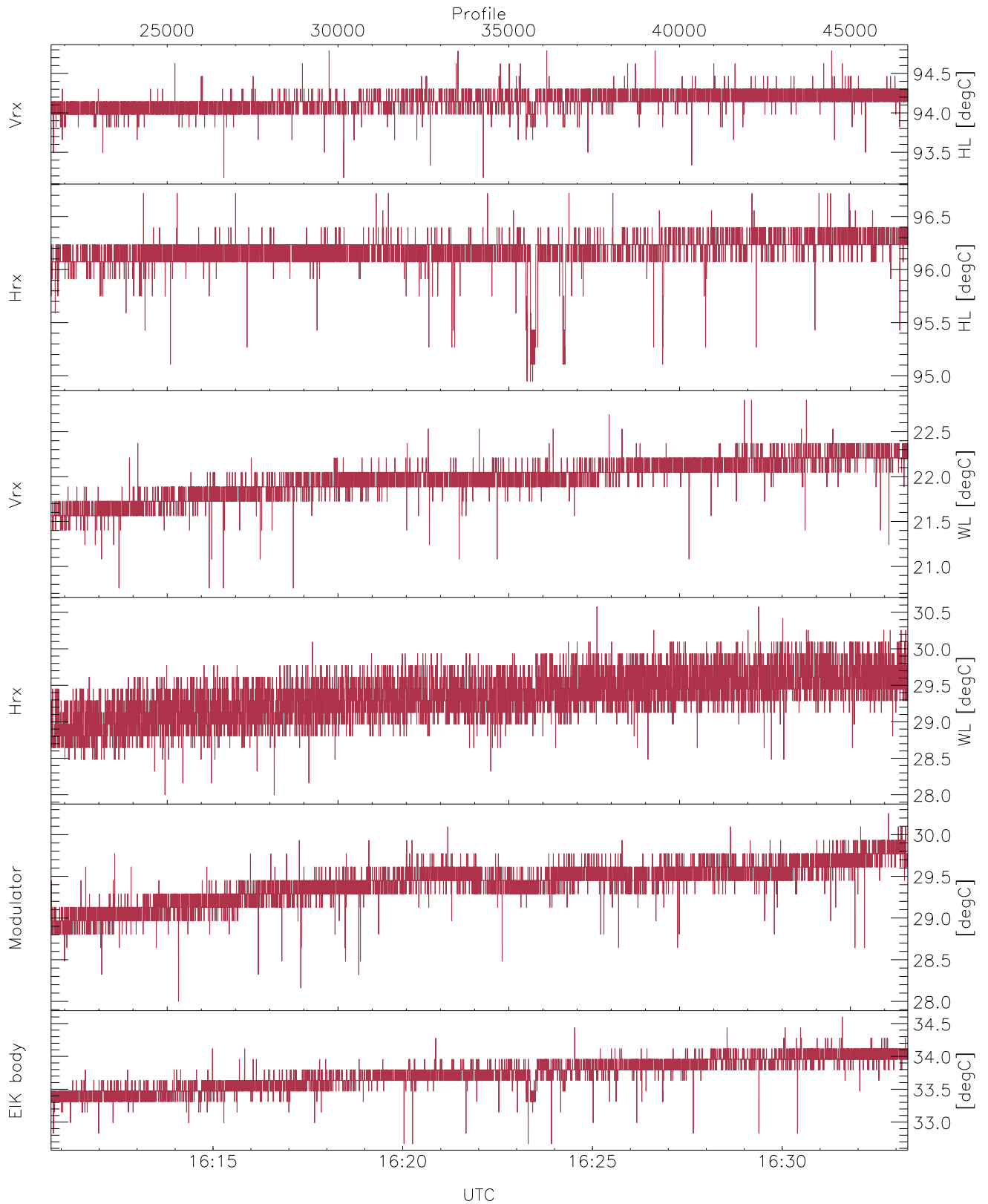


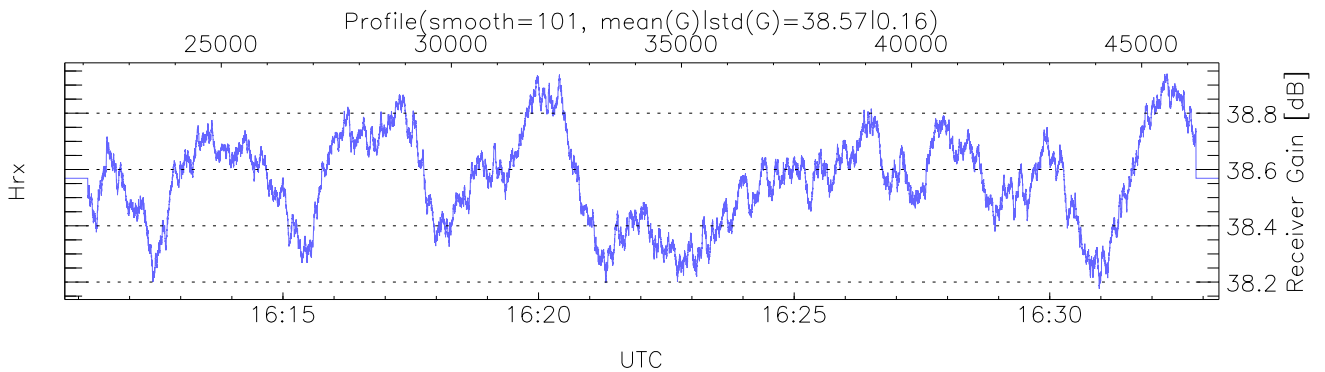
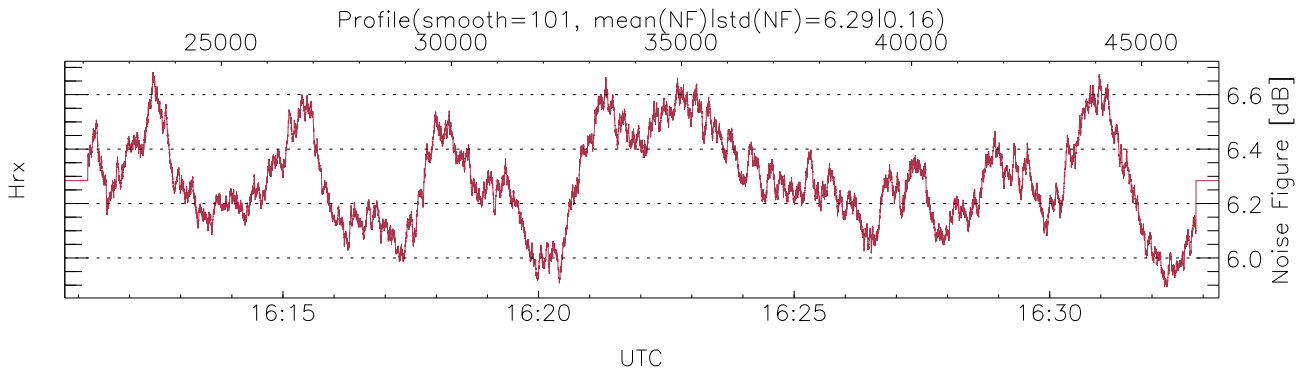
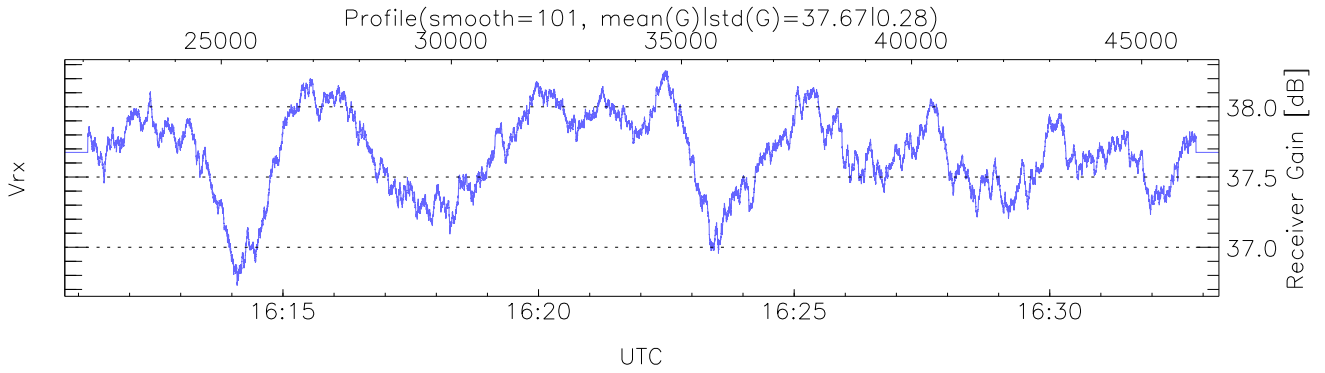
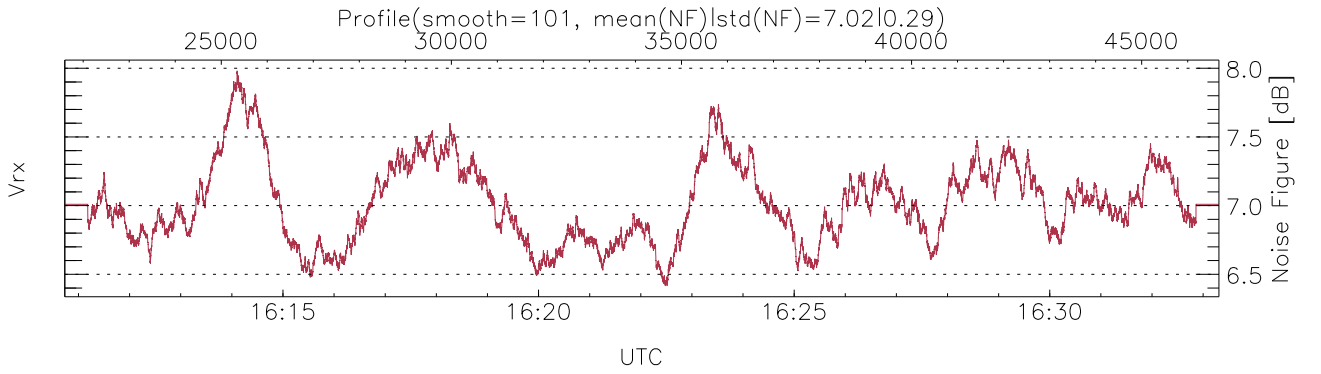
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:51:17-16:33:19, Dur: 2521.35s
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): 25081/46681, 21600-46680/16:10:44-16:33:19
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|sidelup|error): 1



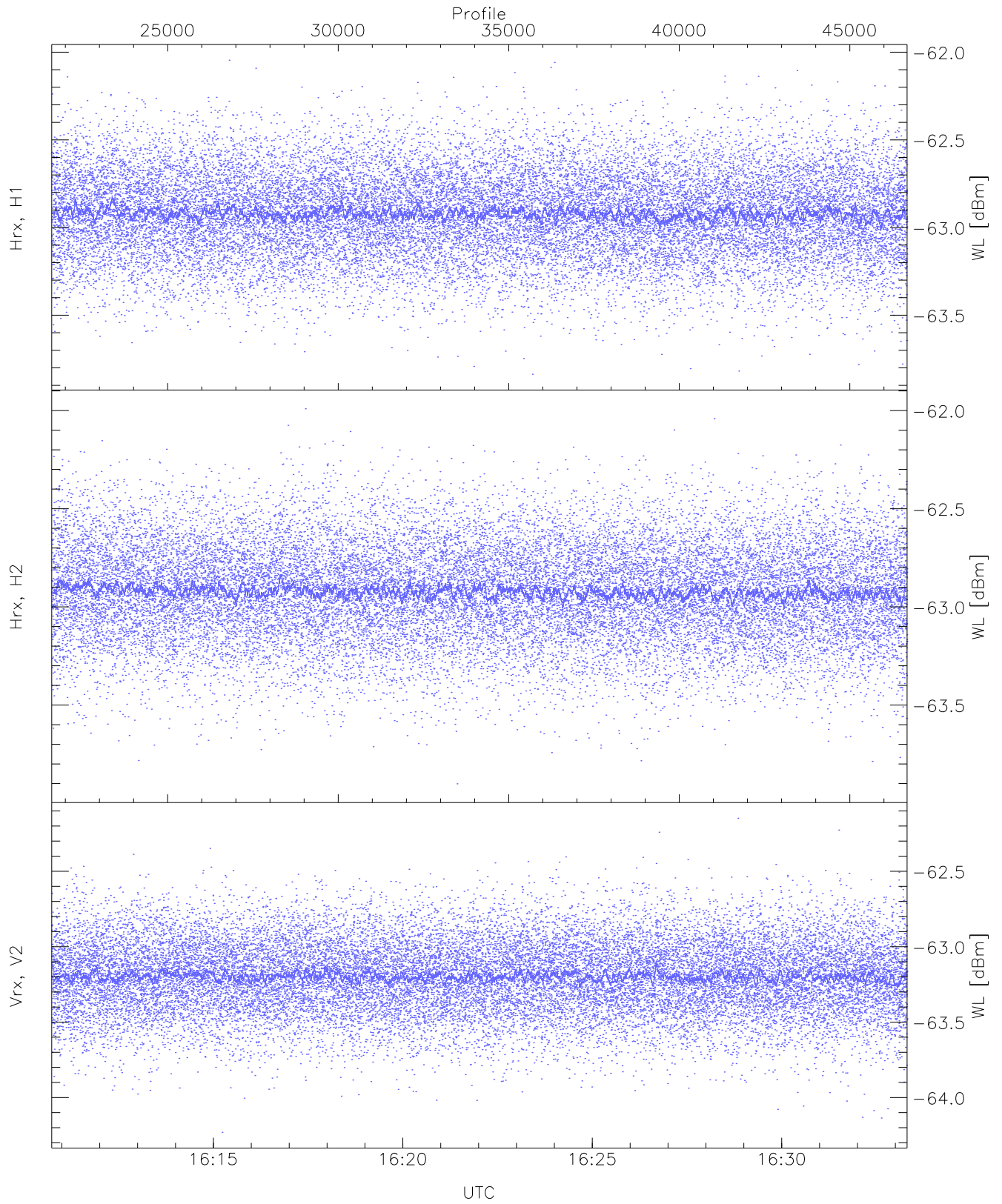
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,20,28,28,32
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,22,30,30,34
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (20,20,20,25,25,15)



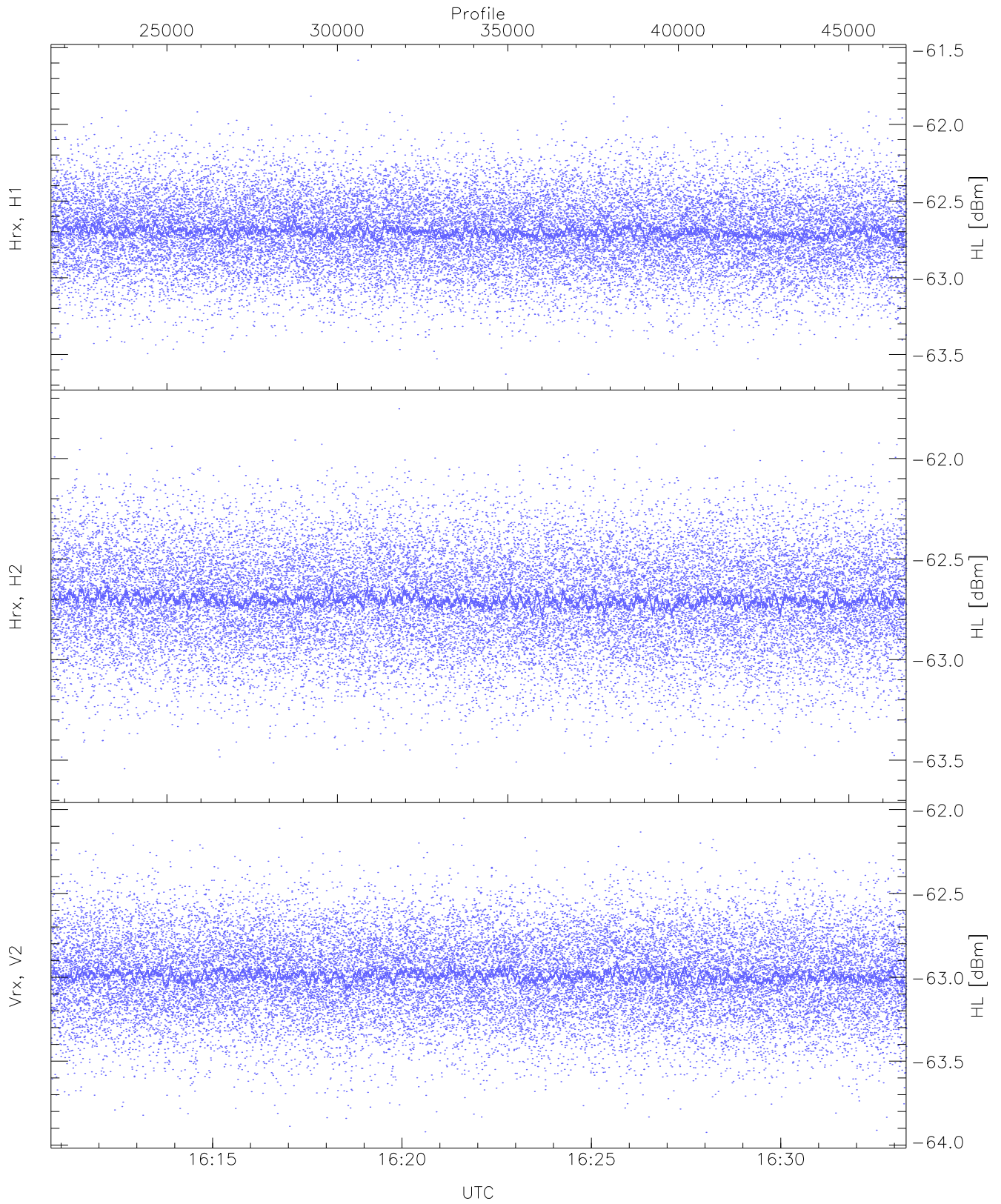
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1082 pixs, 44 gates, 1063 profs, 1 prods



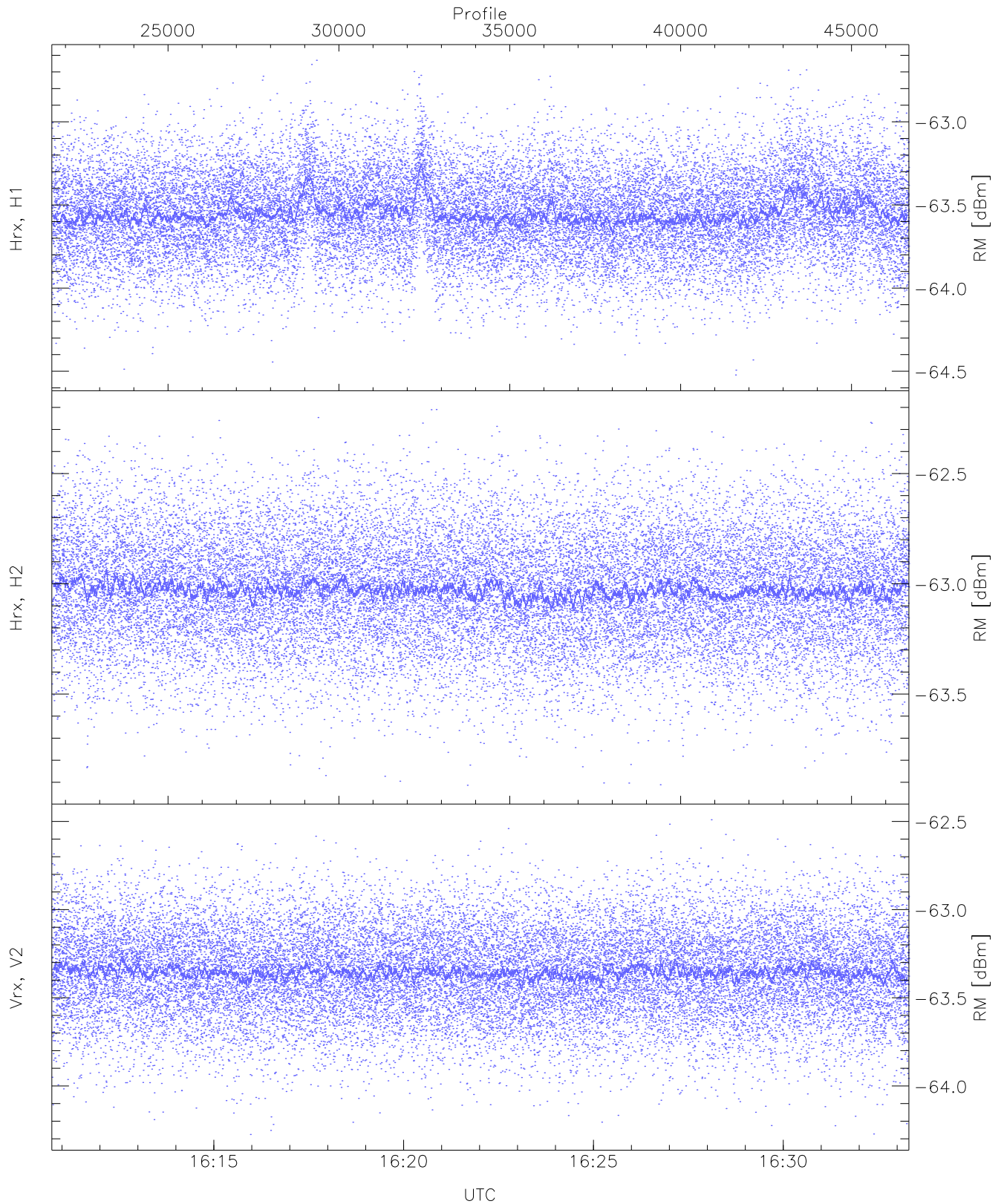
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.84	-62.05	-62.92	-62.92	-75.64
Hrx, H2(WL [dBm])	-63.90	-61.99	-62.92	-62.92	-75.63
Vrx, V2(WL [dBm])	-64.23	-62.15	-63.19	-63.20	-75.92



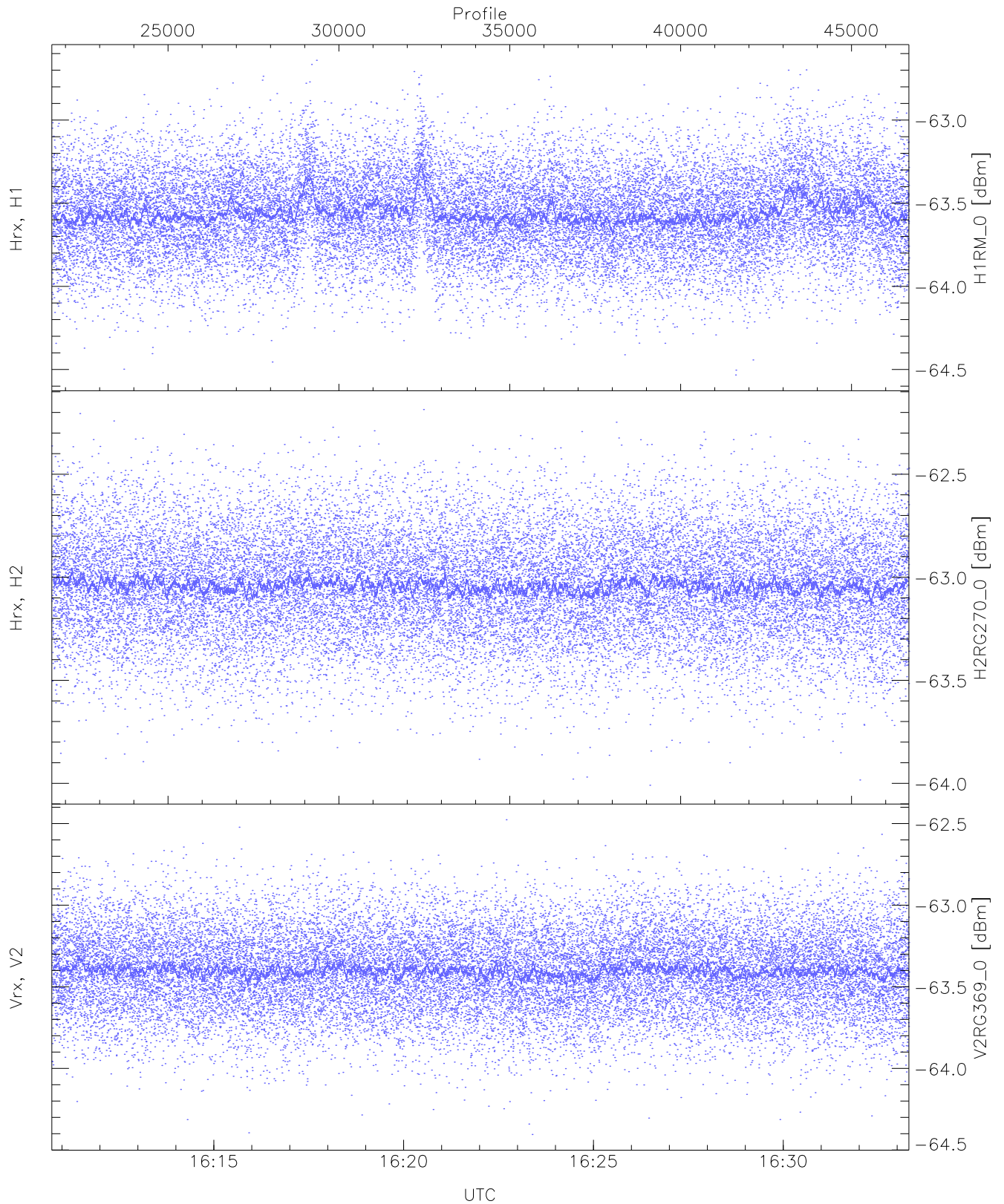
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.63	-61.58	-62.70	-62.70	-75.43
Hrx, H2 (HL [dBm])	-63.62	-61.75	-62.70	-62.70	-75.43
Vrx, V2 (HL [dBm])	-63.92	-62.05	-62.99	-62.99	-75.67



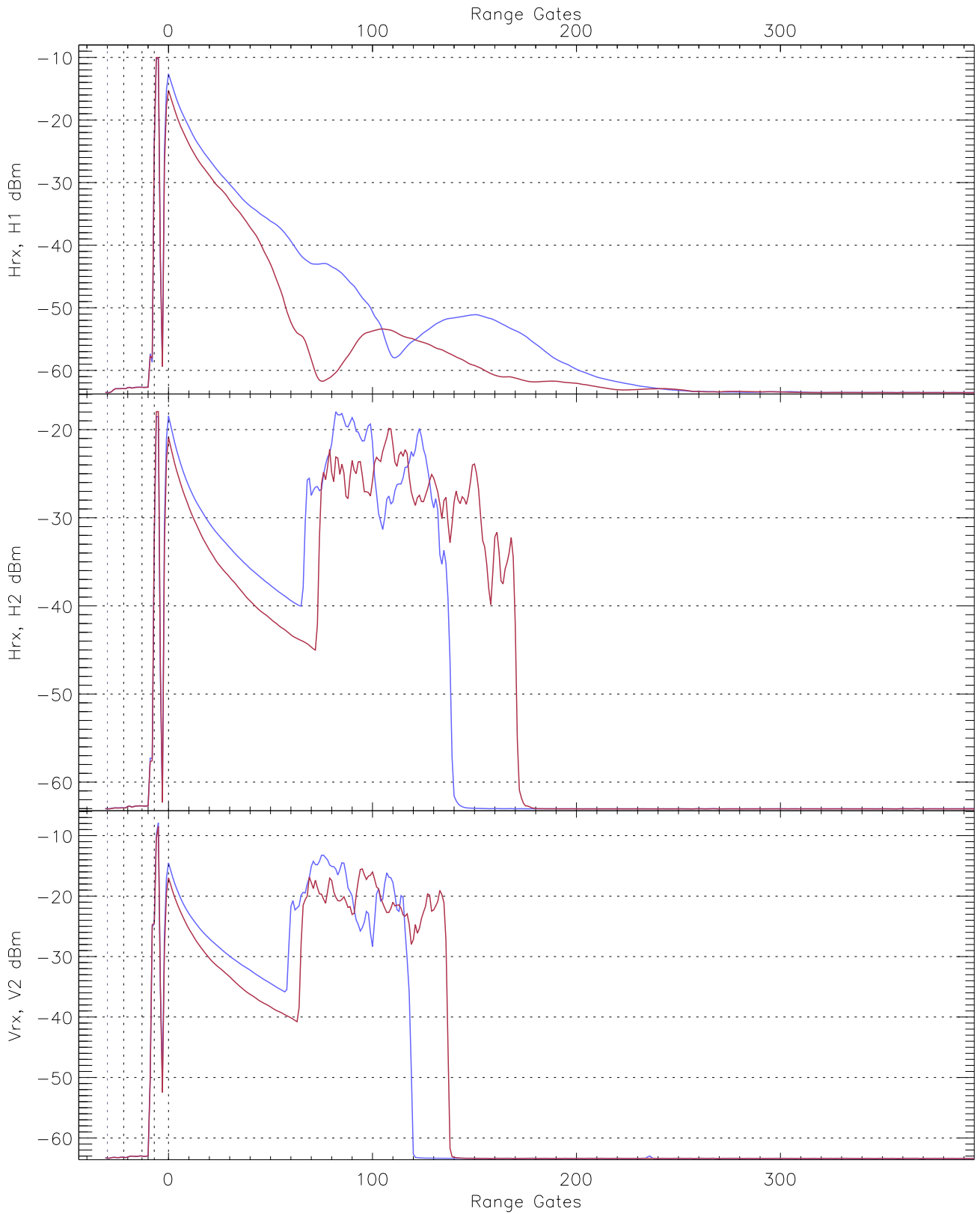
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.52	-62.63	-63.55	-63.55	-76.17
Hrx, H2 (RM [dBm])	-63.91	-62.21	-63.03	-63.03	-75.72
Vrx, V2 (RM [dBm])	-64.28	-62.49	-63.35	-63.36	-76.00

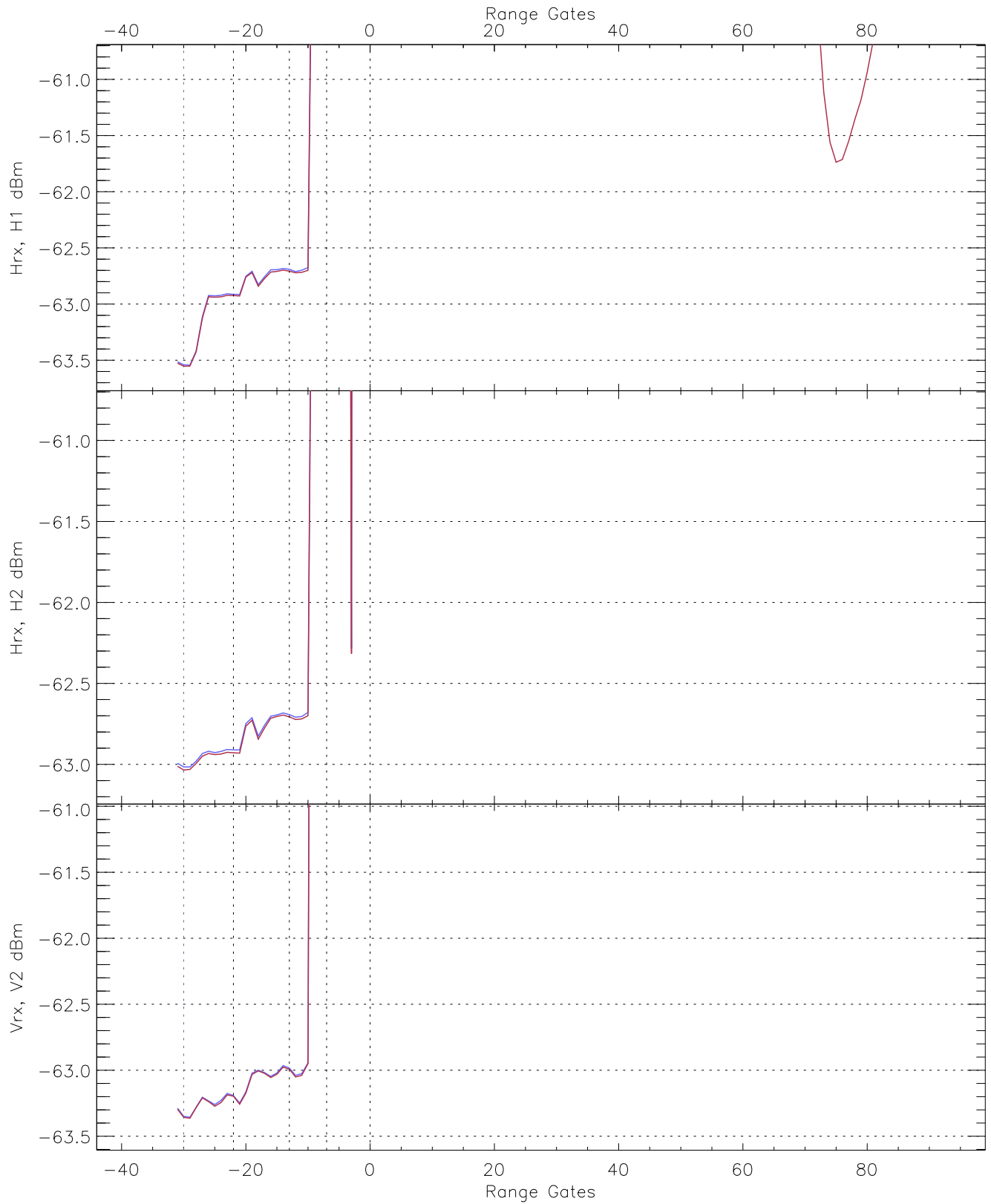


WCR2 CPP "Best" estimate Receivers Noise Power

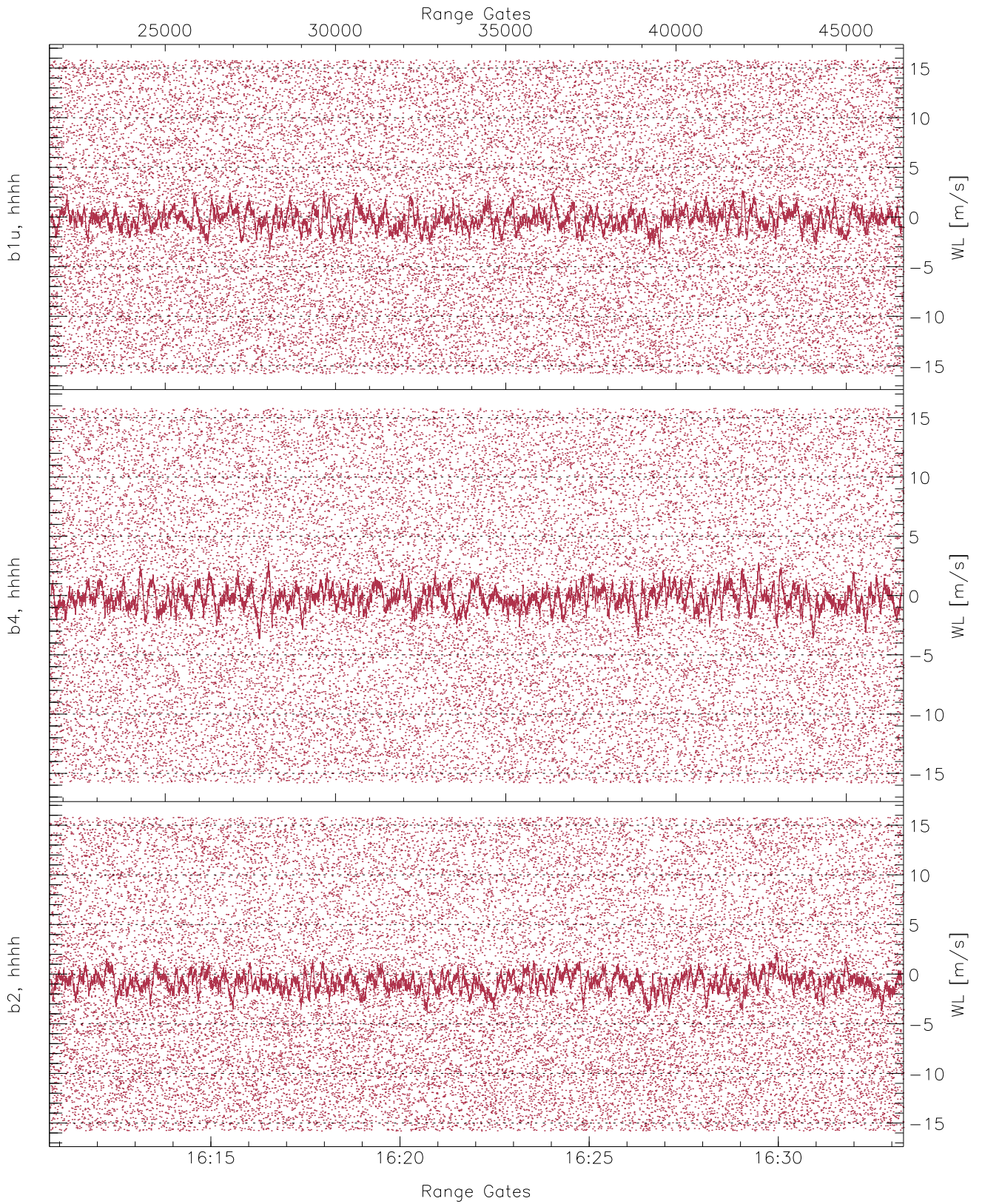
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-64.53	-62.64	-63.56	-63.56	-76.18
H2RG270_0 [dBm]	-64.01	-62.19	-63.04	-63.04	-75.72
V2RG369_0 [dBm]	-64.40	-62.48	-63.40	-63.40	-76.10



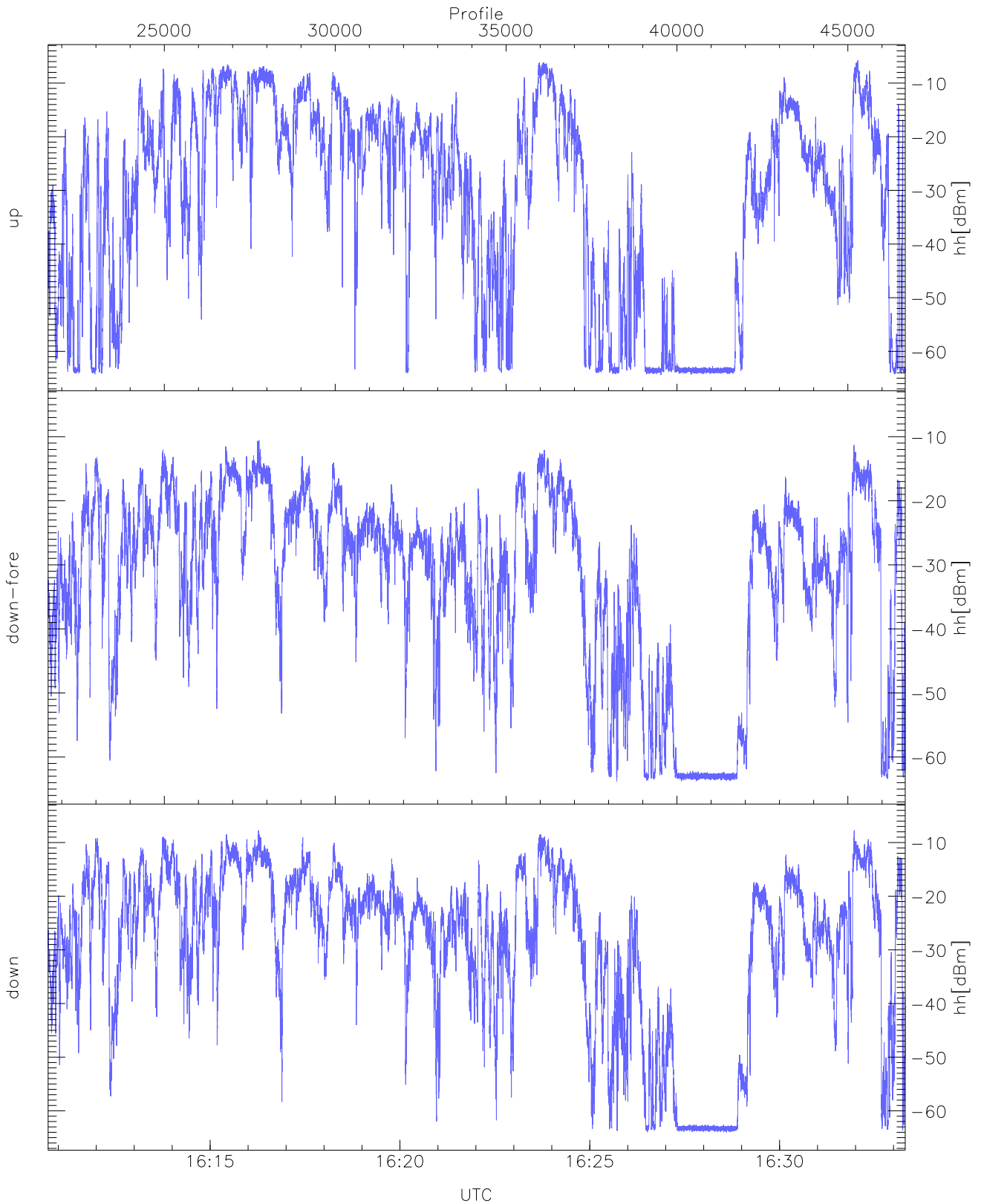
WCR2 CPP Averaged Received power for all recorded gates
blue: 161044-162201, 12541 profiles averaged
red: 162201-163319, 12541 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 161044-162201, 12541 profiles averaged
red: 162201-163319, 12541 profiles averaged

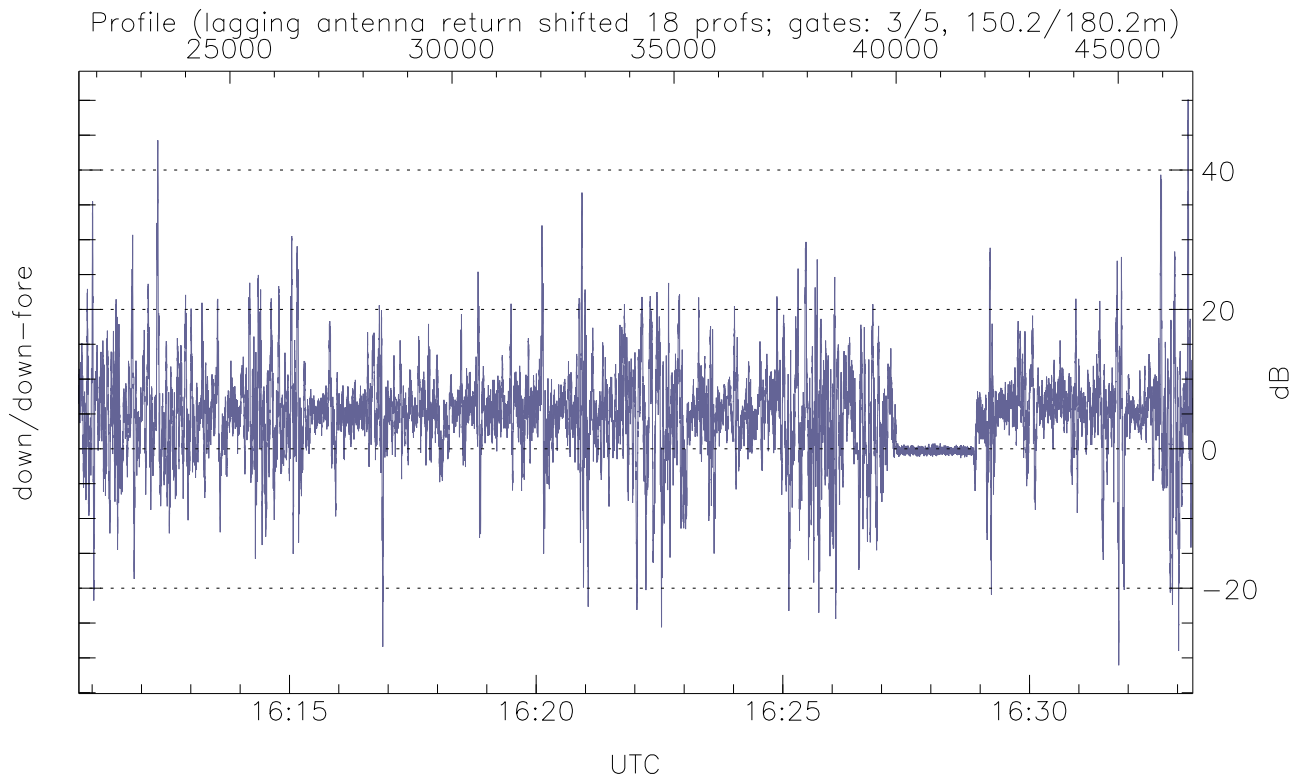
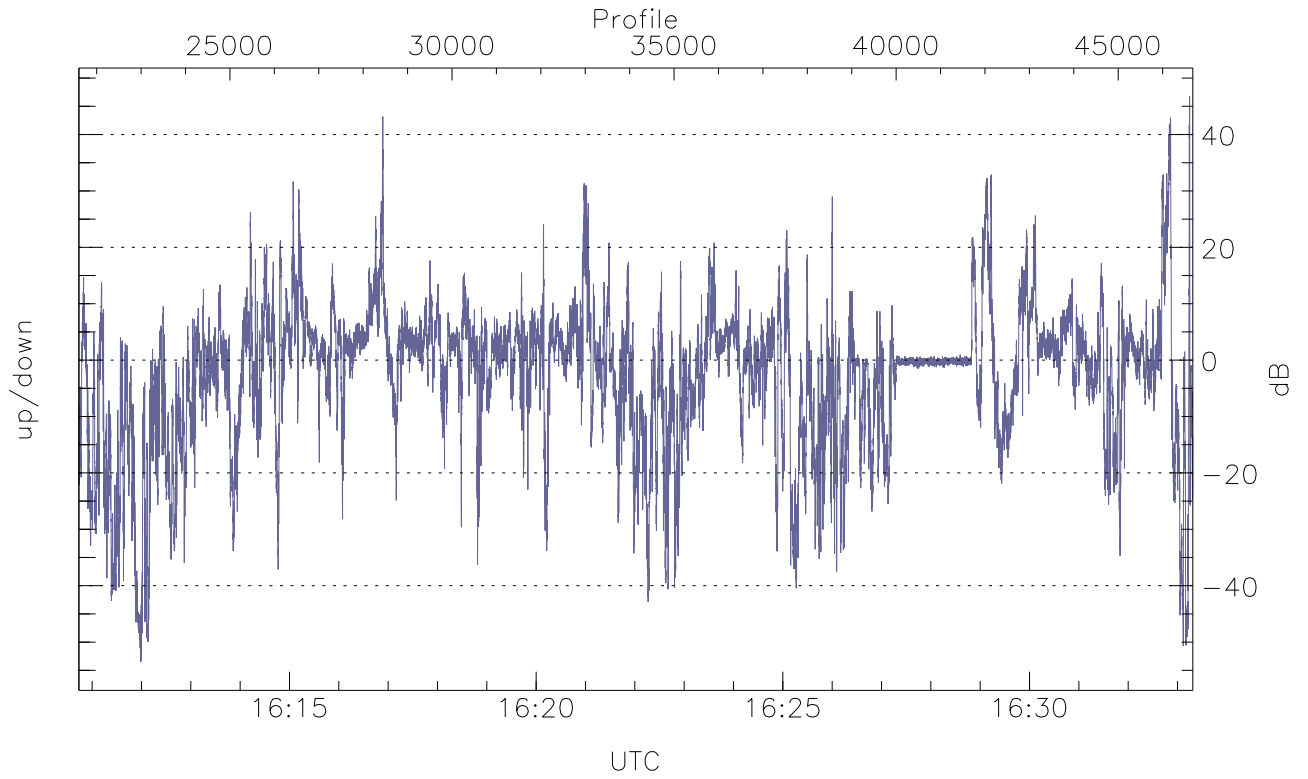


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



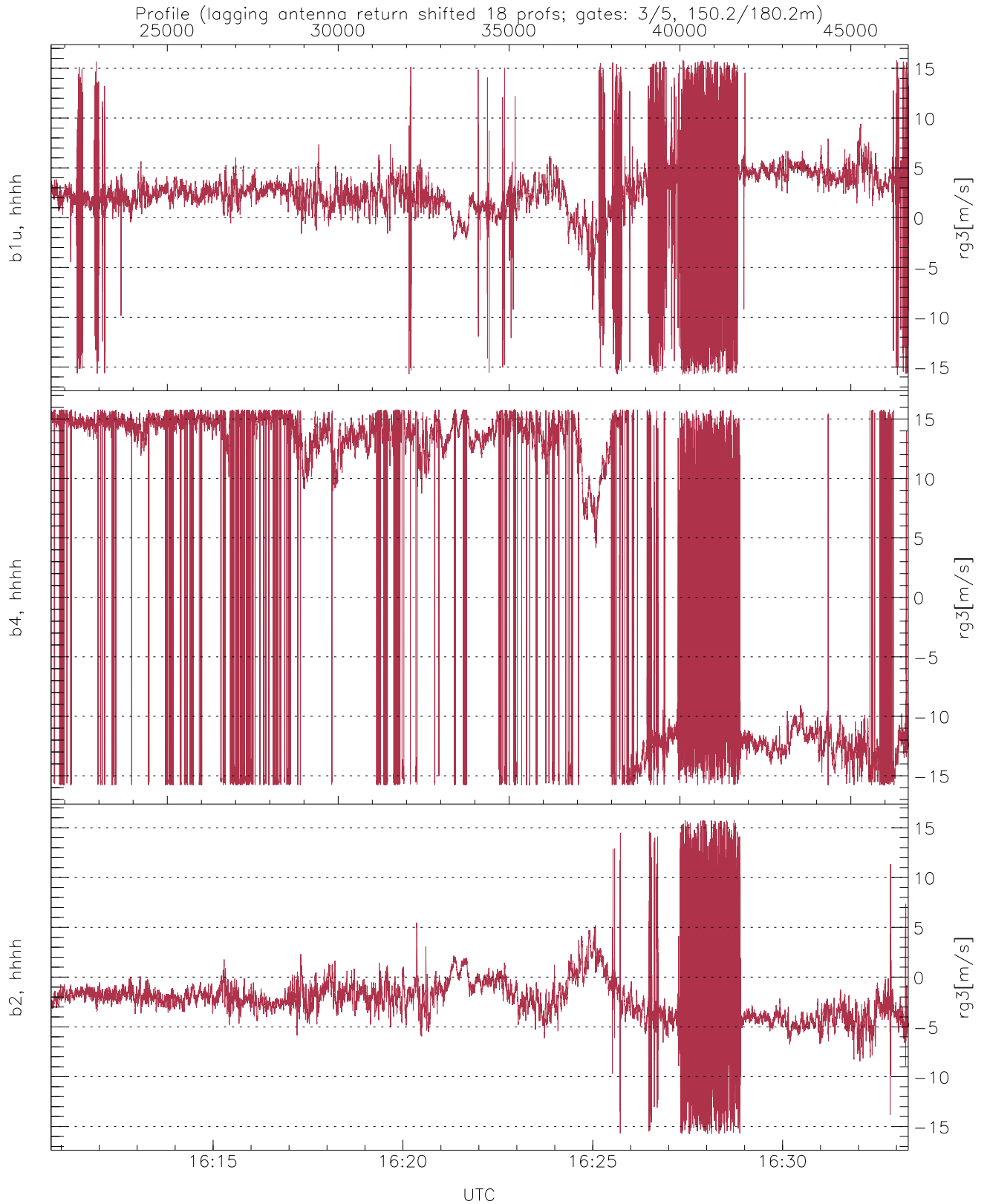
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.41	-5.76	-16.85
down-fore(hh[dBm])	-63.78	-10.58	-22.47
down(hh[dBm])	-64.00	-7.72	-18.86



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

	Min	Max	Mean
up/down (dB)	-53.54	46.77	-2.81
down/down-fore (dB)	-31.06	50.12	4.62



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.78	15.80	2.23	3.67
b4, hhhh(rg3[m/s])	-15.80	15.80	4.28	12.76
b2, hhhh(rg3[m/s])	-15.78	15.77	-2.09	3.01