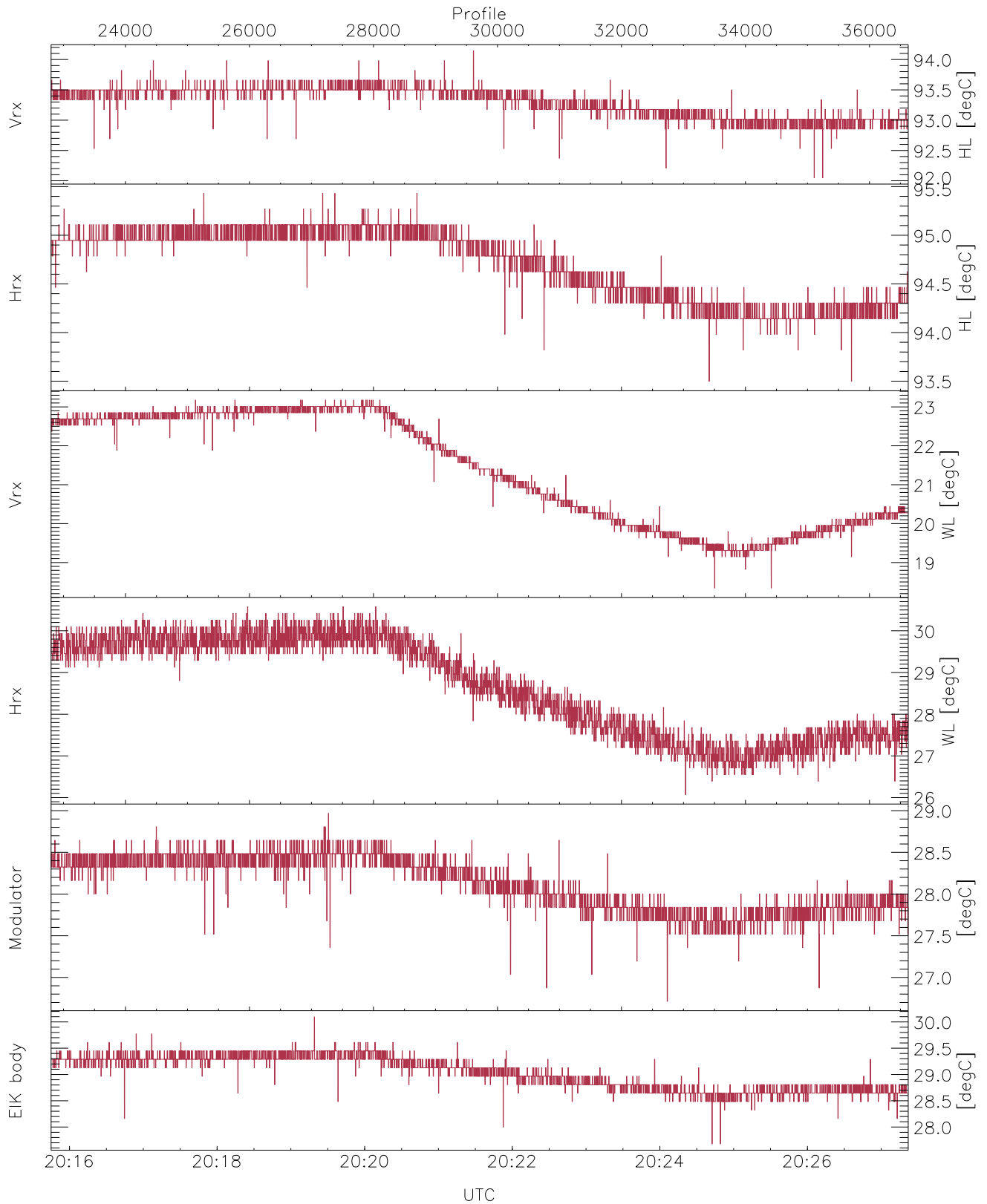


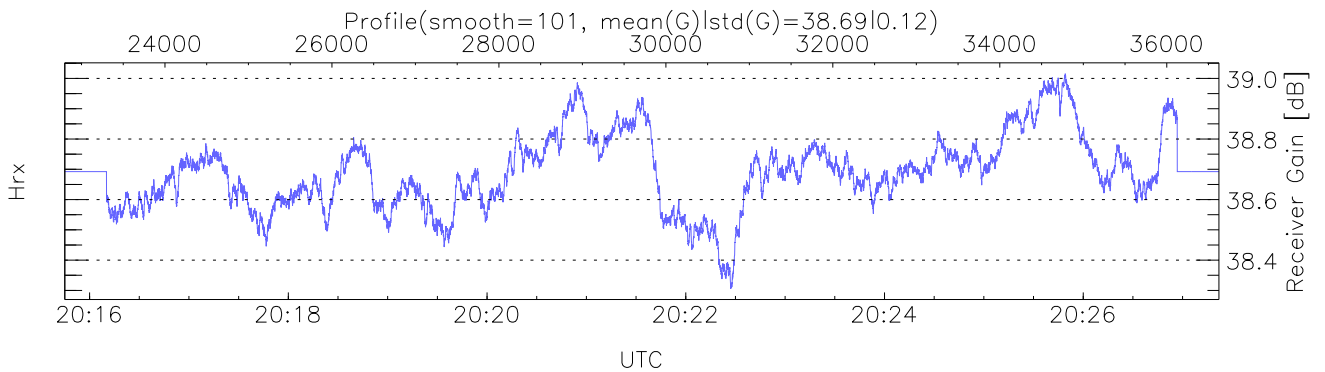
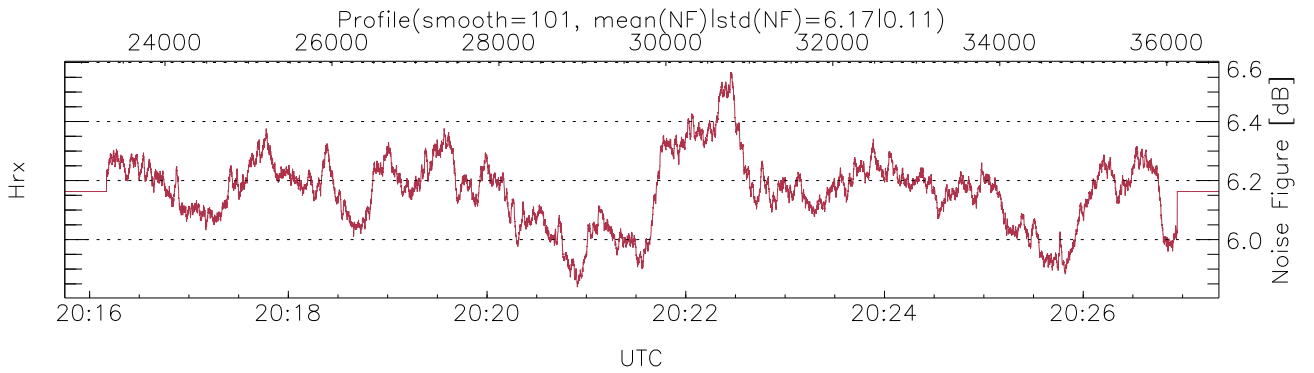
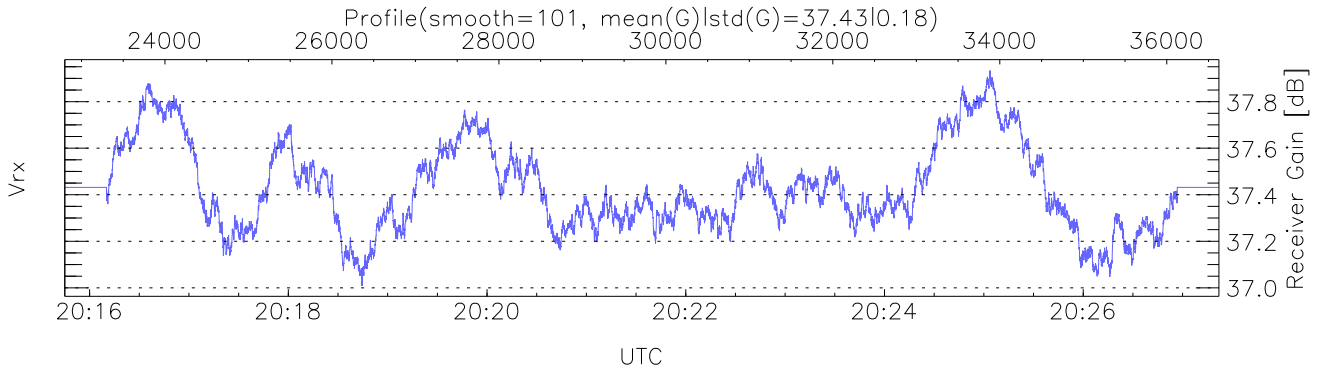
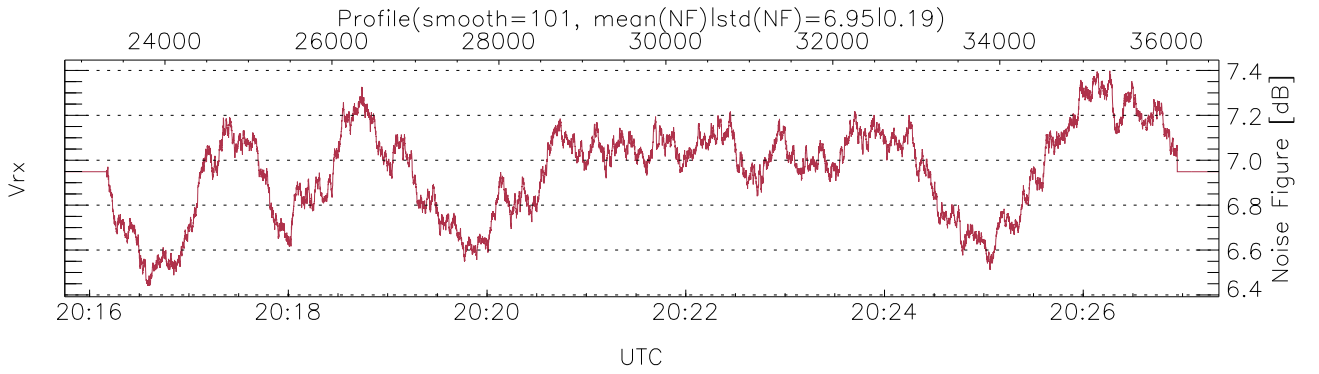
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:56:36-20:27:22, Dur: 1846.36s
 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): 13826/36626, 22800-36625/20:15:45-20:27:22
 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,rqs): 105,5271,15.0 m, Gates: 345, Aspect: 3.3
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



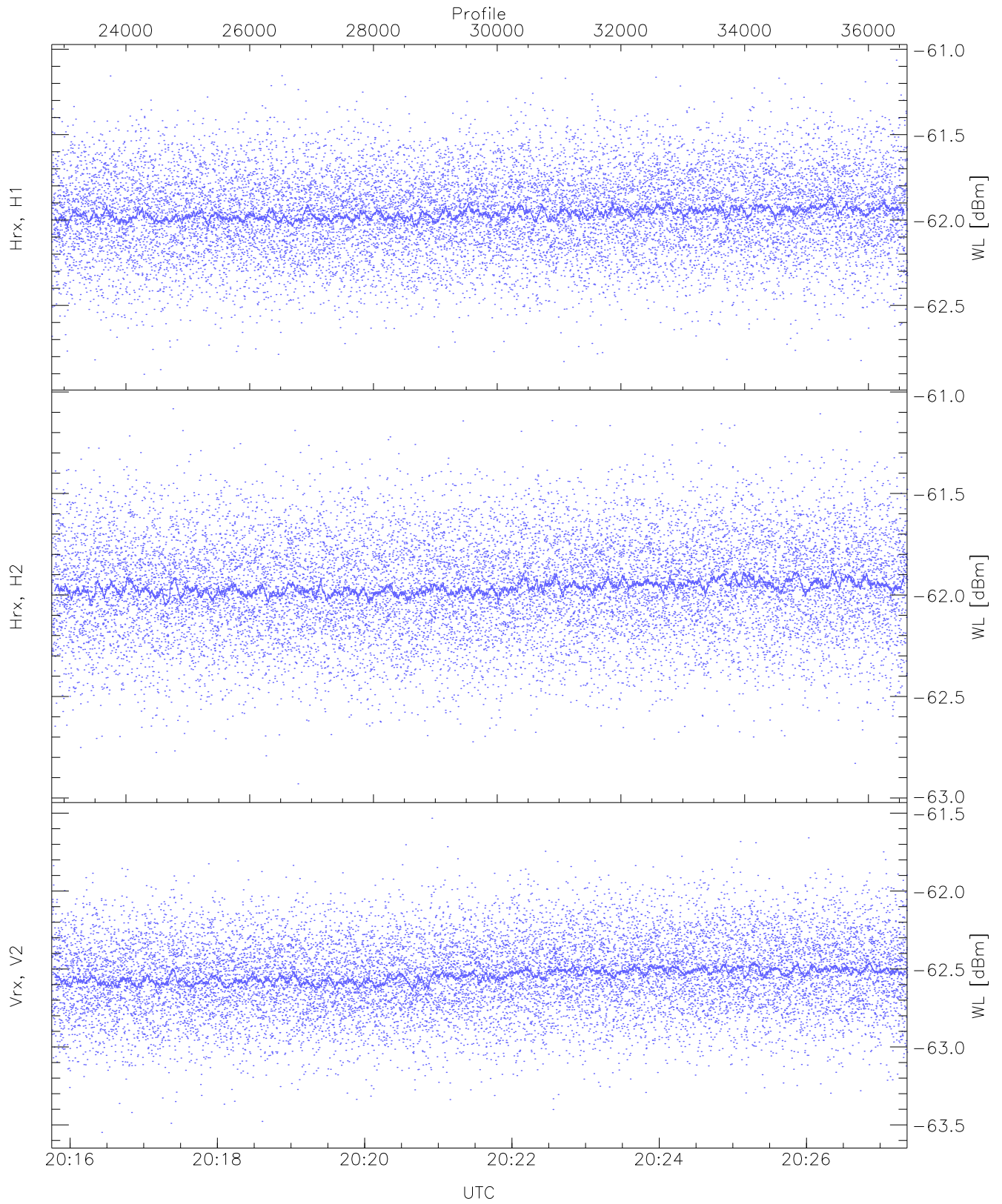
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,18,26,26,27
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,95,23,30,28,30
 LOalarm(20,80,240,2.8,14.8 MHz): None
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty (10,10,10,10,10)



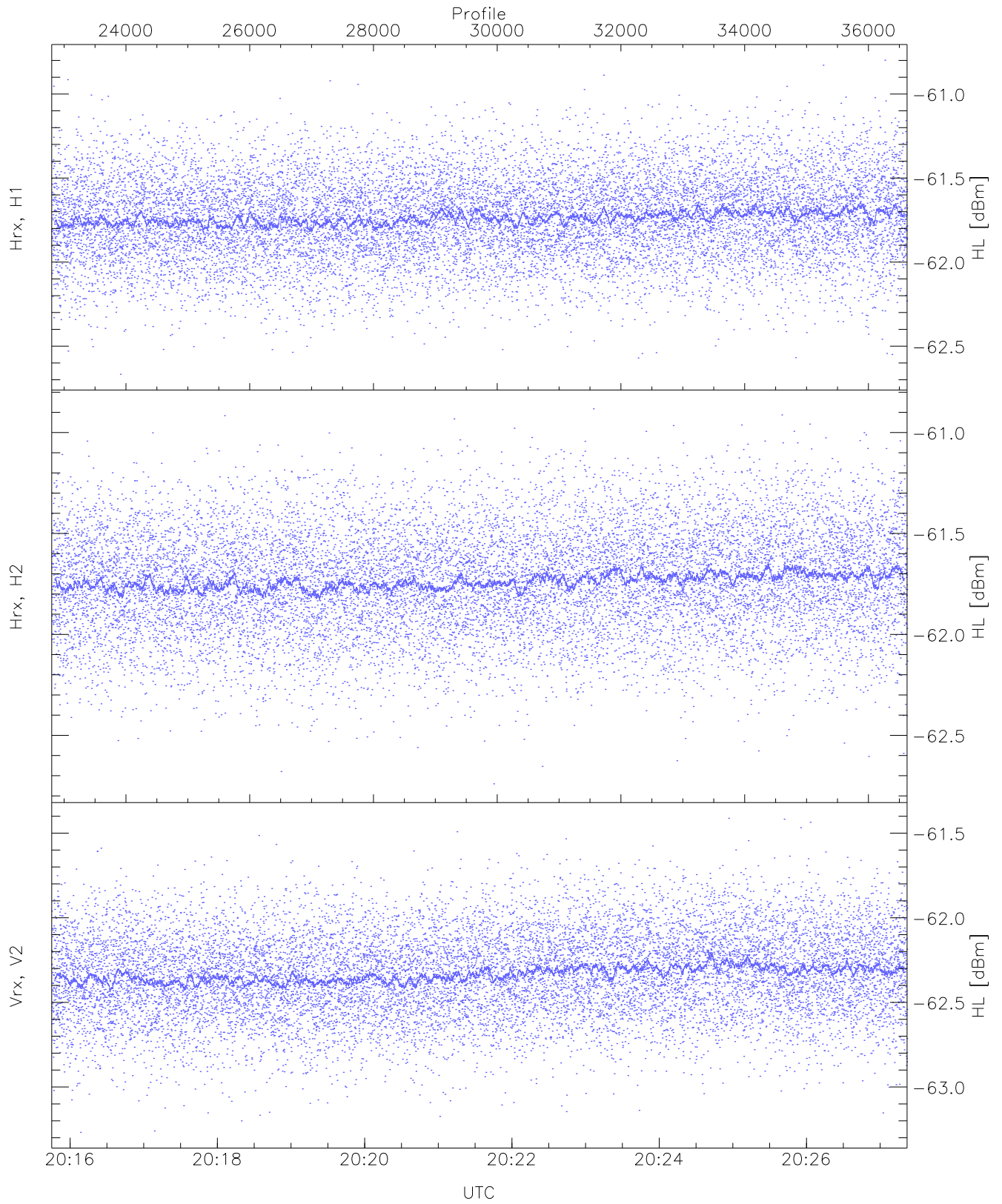
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 62 pixs, 5 gates, 62 profs, 1 prods



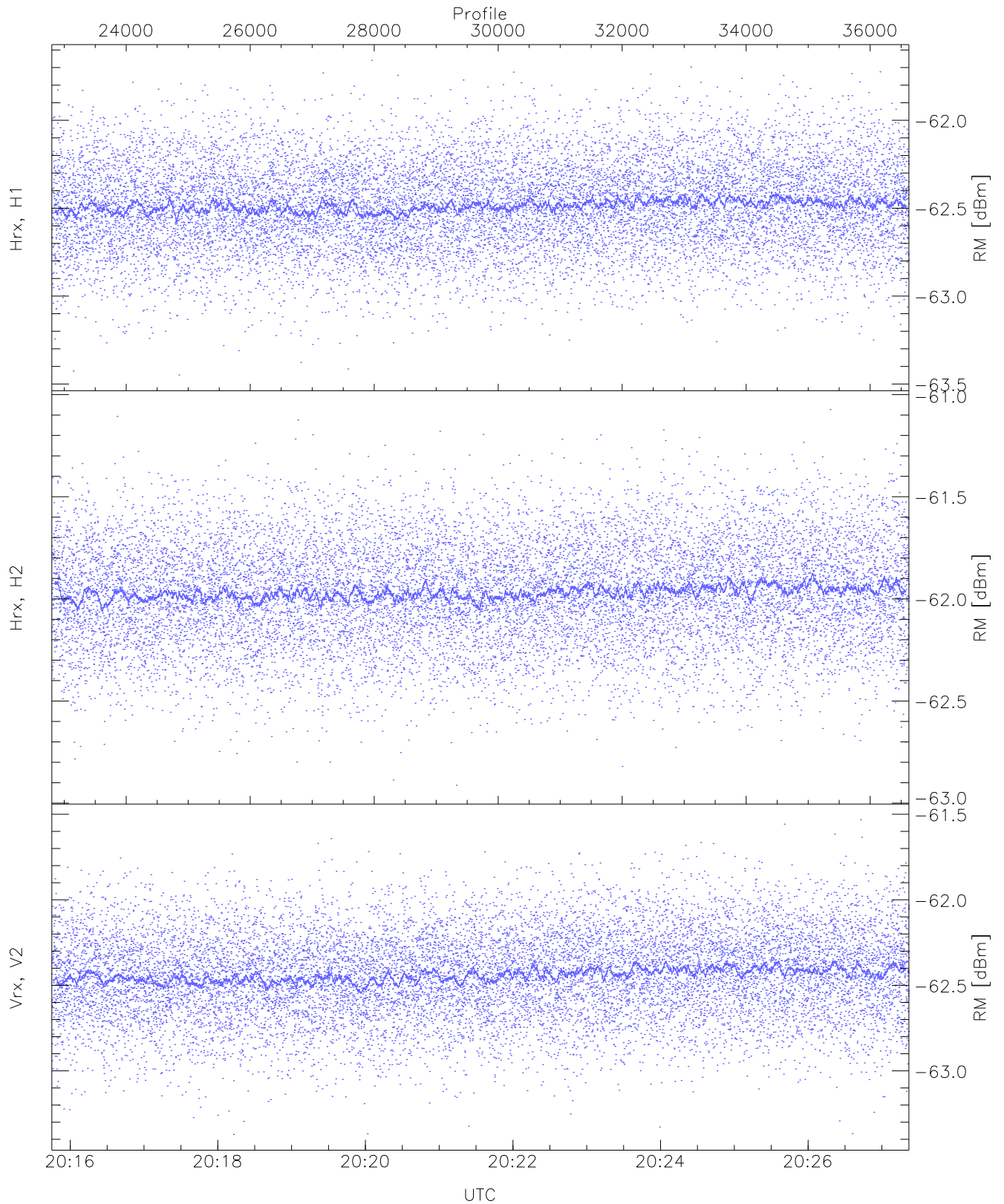
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.90	-61.06	-61.96	-61.96	-74.55
Hrx, H2(WL [dBm])	-62.93	-61.08	-61.96	-61.96	-74.53
Vrx, V2(WL [dBm])	-63.55	-61.53	-62.54	-62.54	-75.07



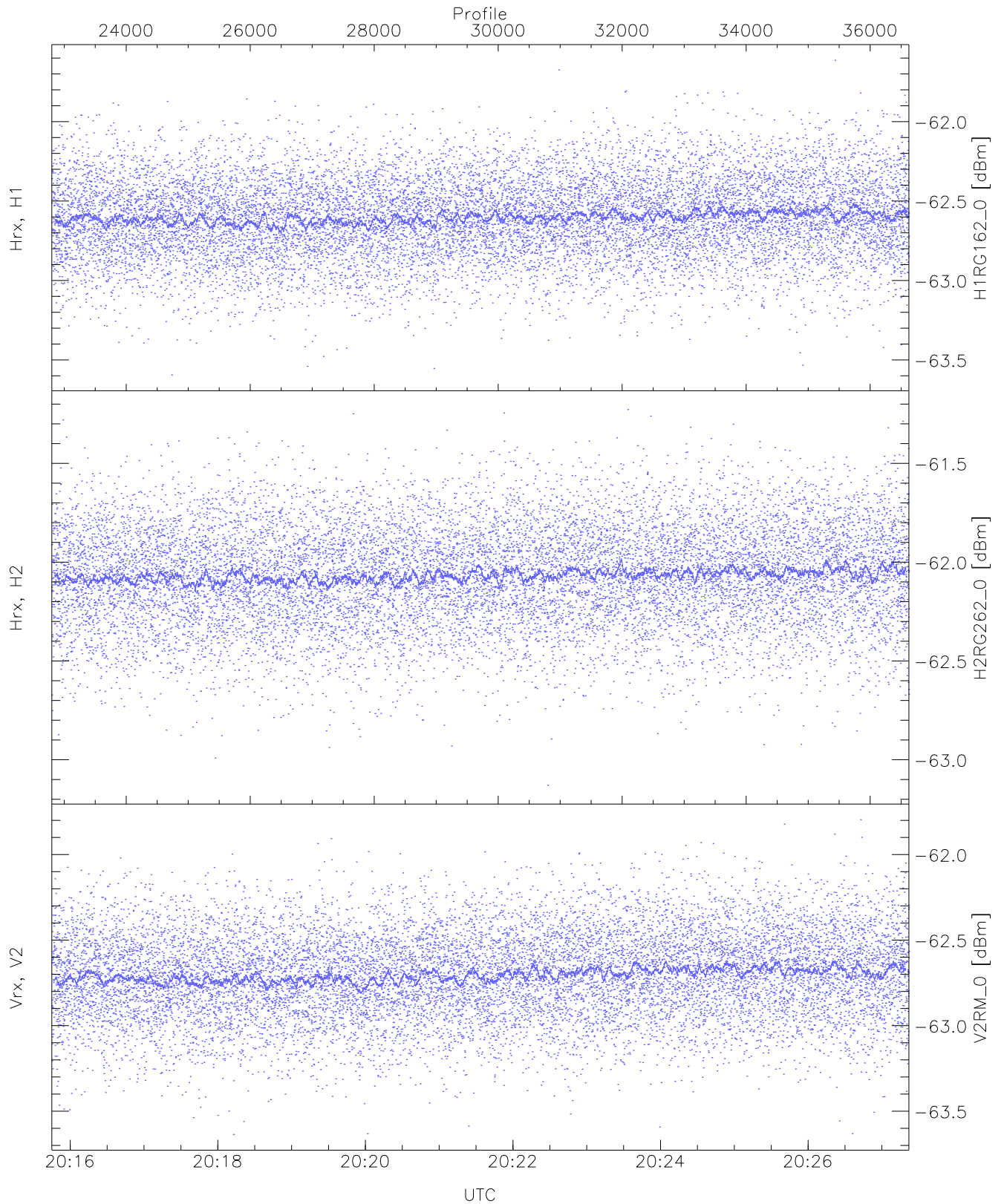
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.67	-60.80	-61.73	-61.74	-74.32
Hrx, H2 (HL [dBm])	-62.74	-60.88	-61.73	-61.74	-74.22
Vrx, V2 (HL [dBm])	-63.27	-61.41	-62.33	-62.33	-74.87



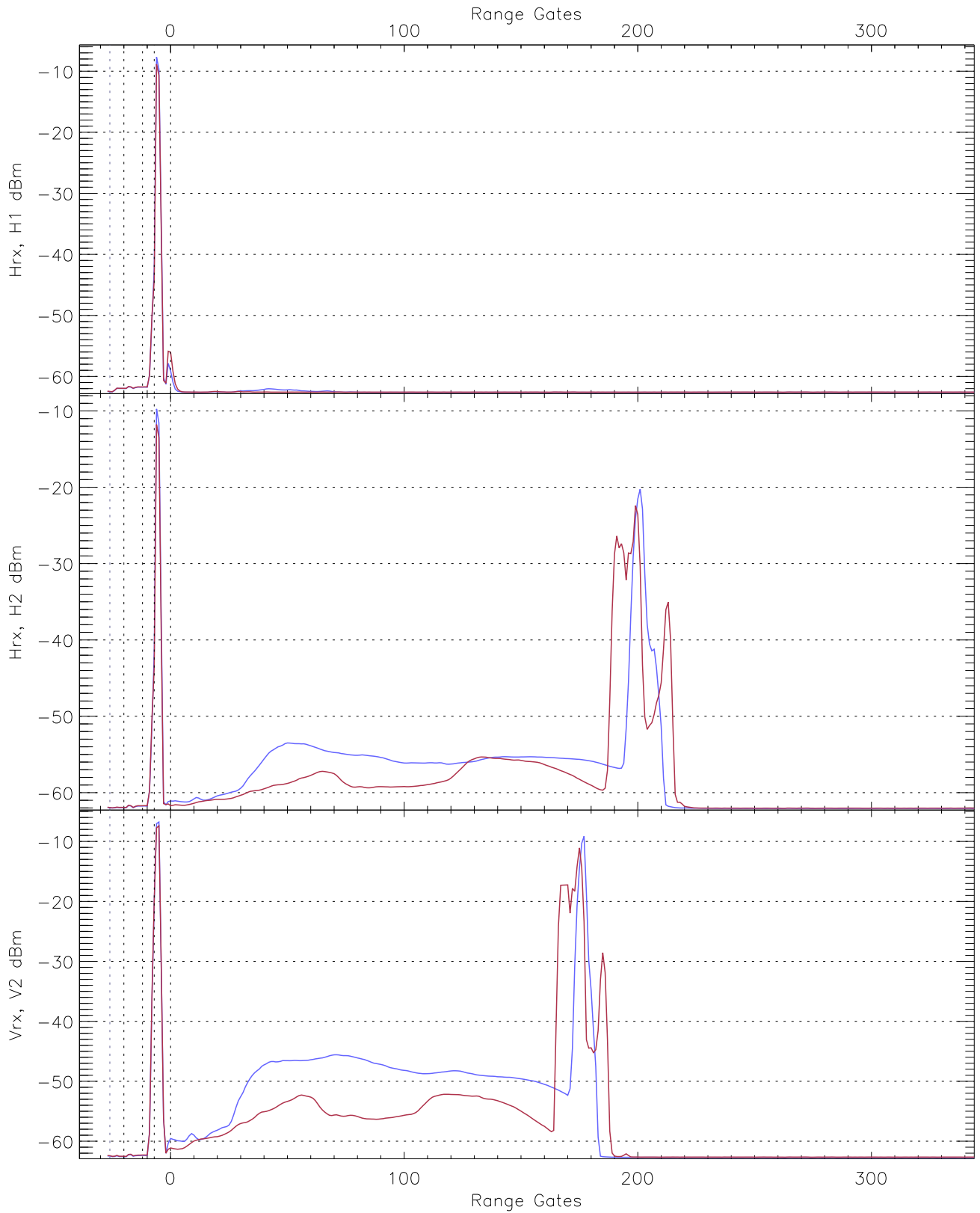
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.45	-61.66	-62.48	-62.49	-75.05
Hrx, H2 (RM [dBm])	-62.91	-61.07	-61.97	-61.97	-74.54
Vrx, V2 (RM [dBm])	-63.37	-61.53	-62.44	-62.44	-74.99

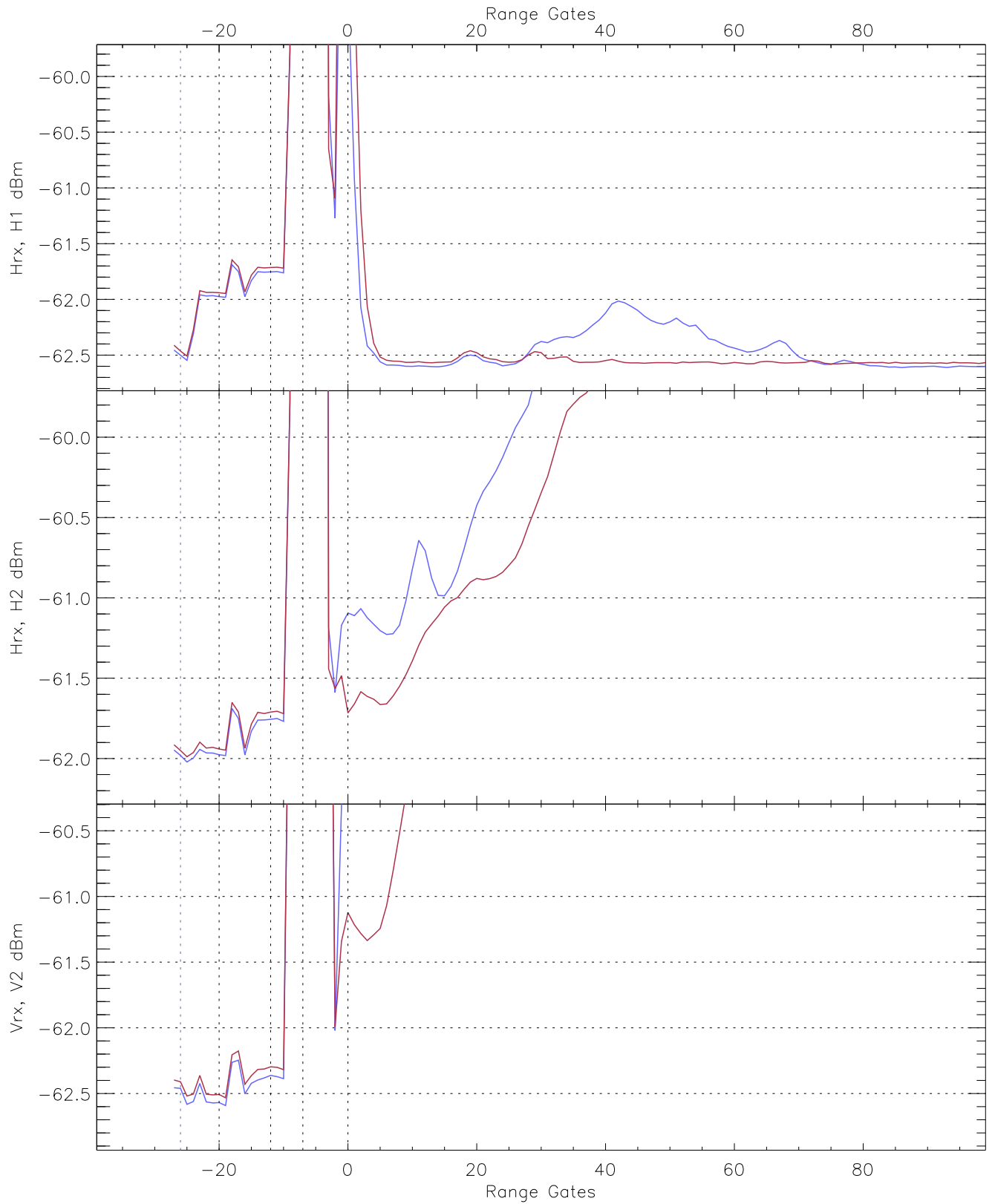


WCR2 CPP "Best" estimate Receivers Noise Power

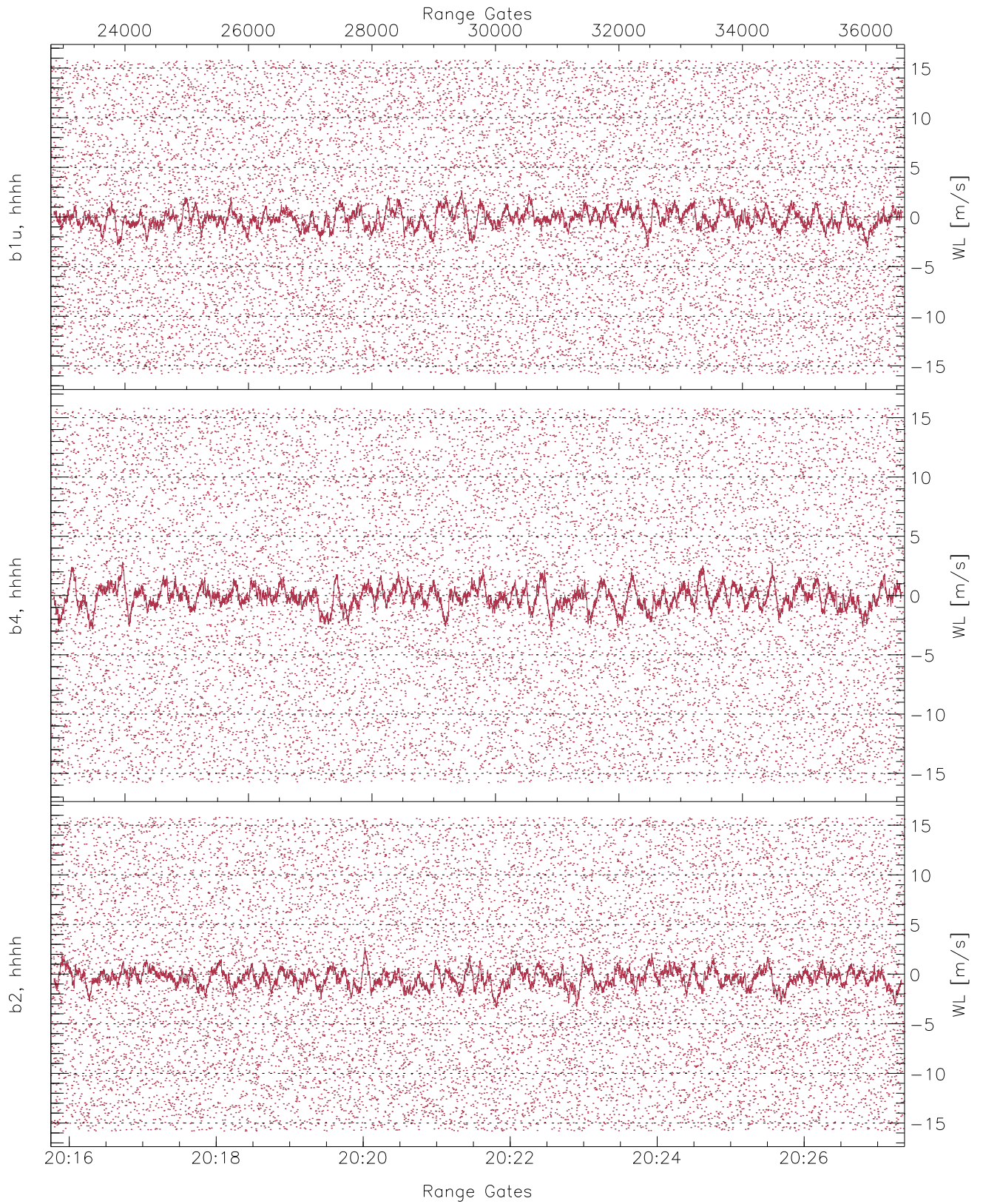
	Min	Max	Mean	Median	StDev
H1RG162_0 [dBm]	-63.59	-61.61	-62.60	-62.60	-75.12
H2RG262_0 [dBm]	-63.13	-61.23	-62.06	-62.07	-74.62
V2RM_0 [dBm]	-63.64	-61.80	-62.70	-62.70	-75.25



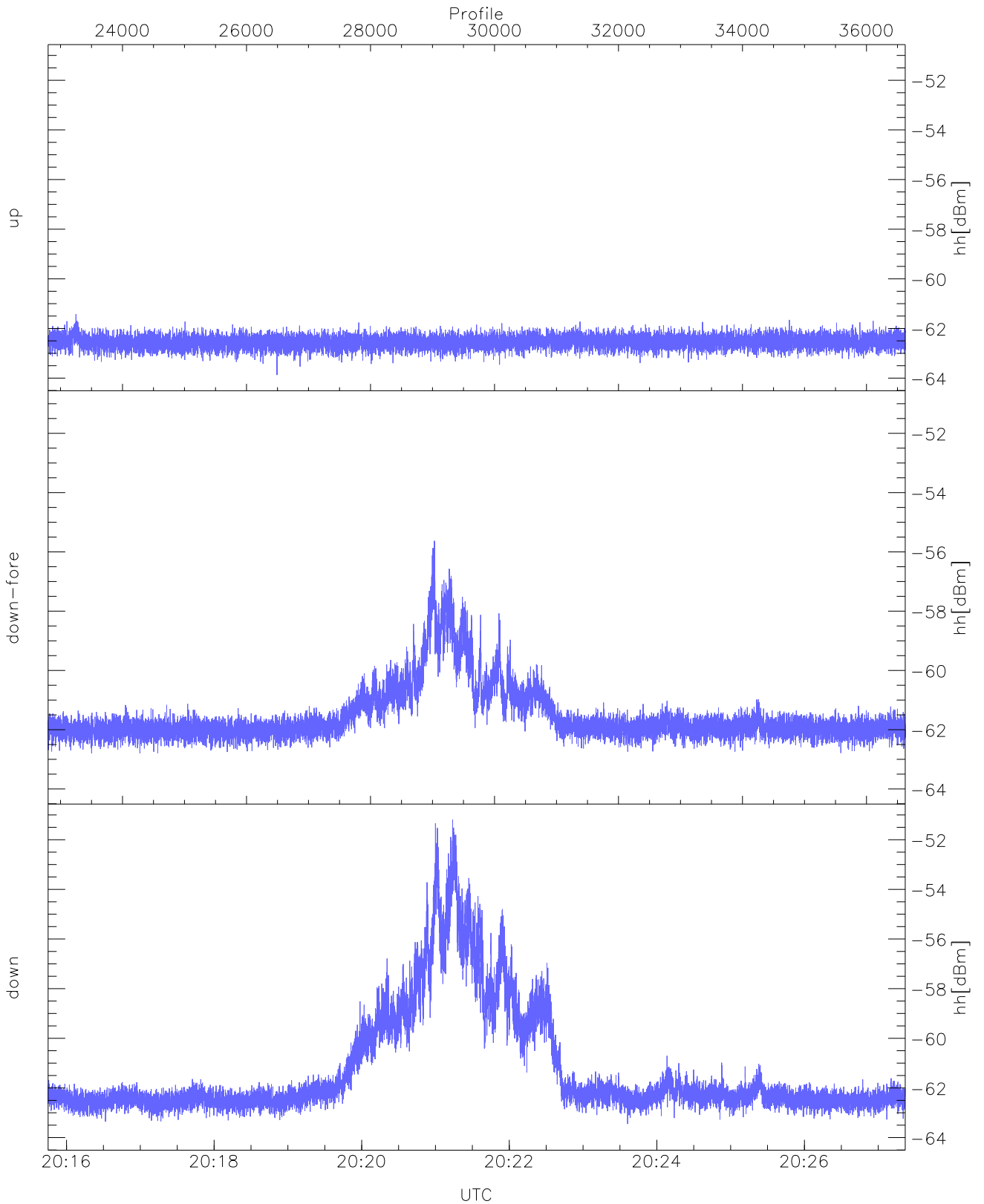
WCR2 CPP Averaged Received power for all recorded gates
blue: 201545-202133, 6914 profiles averaged
red: 202133-202722, 6913 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 201545-202133, 6914 profiles averaged
red: 202133-202722, 6913 profiles averaged

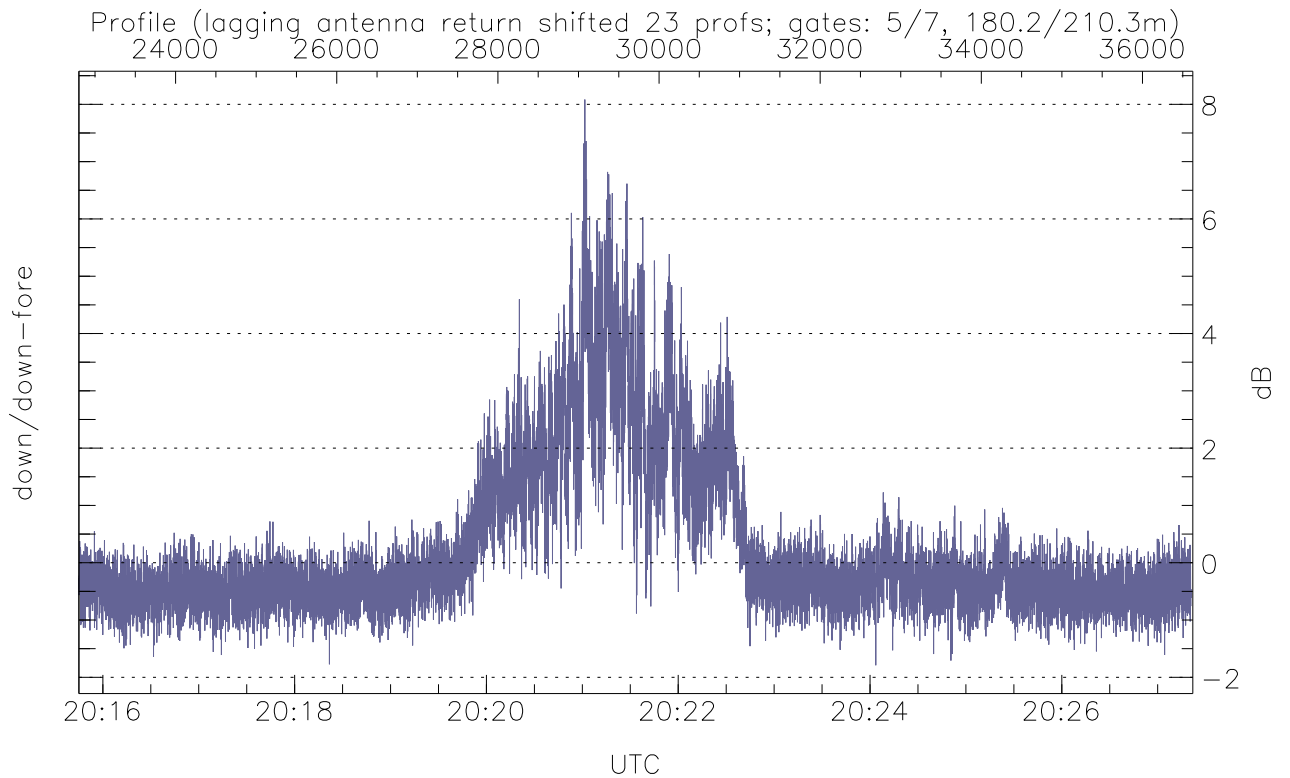
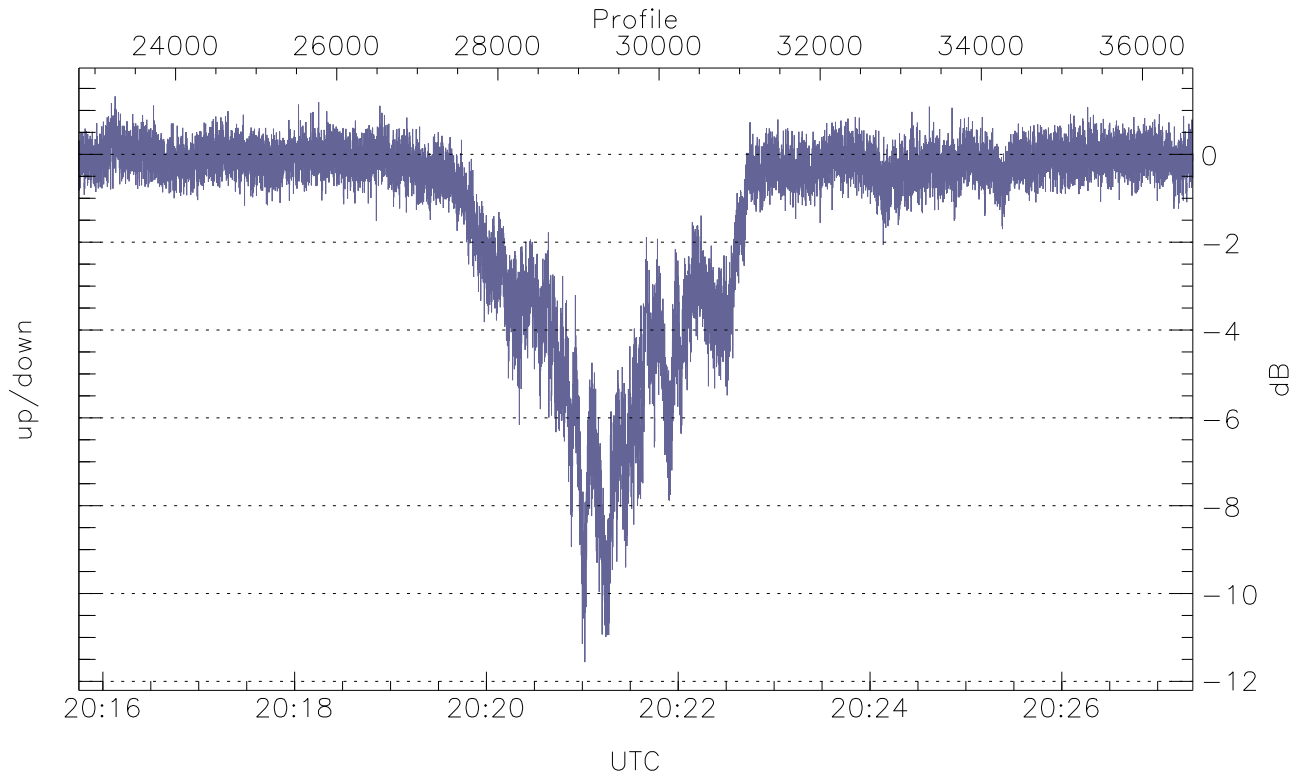


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



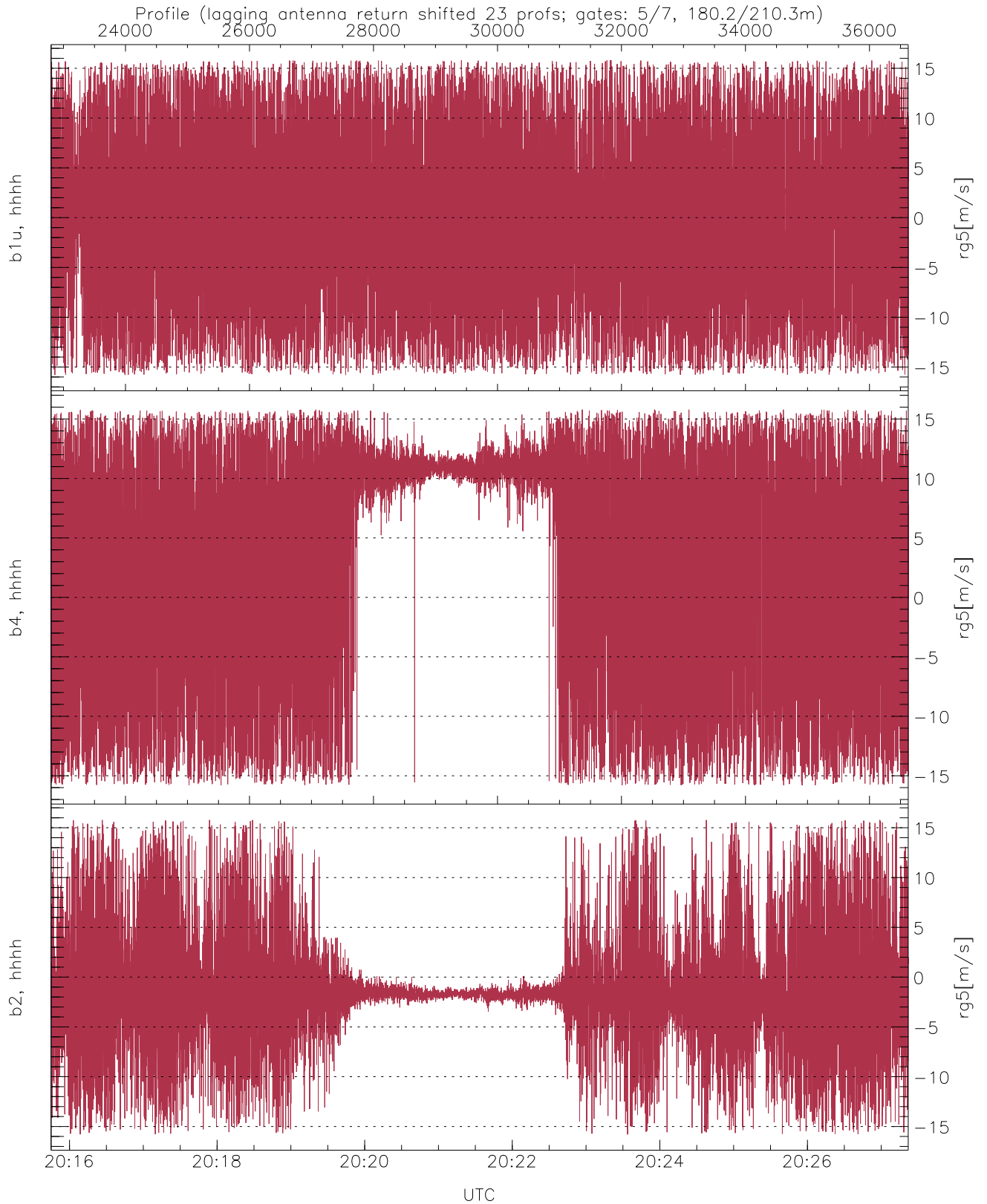
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.87	-61.42	-62.54
down-fore(hh[dBm])	-62.80	-55.62	-61.43
down(hh[dBm])	-63.45	-51.20	-60.59



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

	Min	Max	Mean
up/down (dB)	-11.56	1.32	-1.24
down/down-fore (dB)	-1.79	8.08	0.23



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.16	8.67
b4, hhhh(rg5[m/s])	-15.80	15.80	3.76	9.30
b2, hhhh(rg5[m/s])	-15.80	15.79	-1.50	5.20