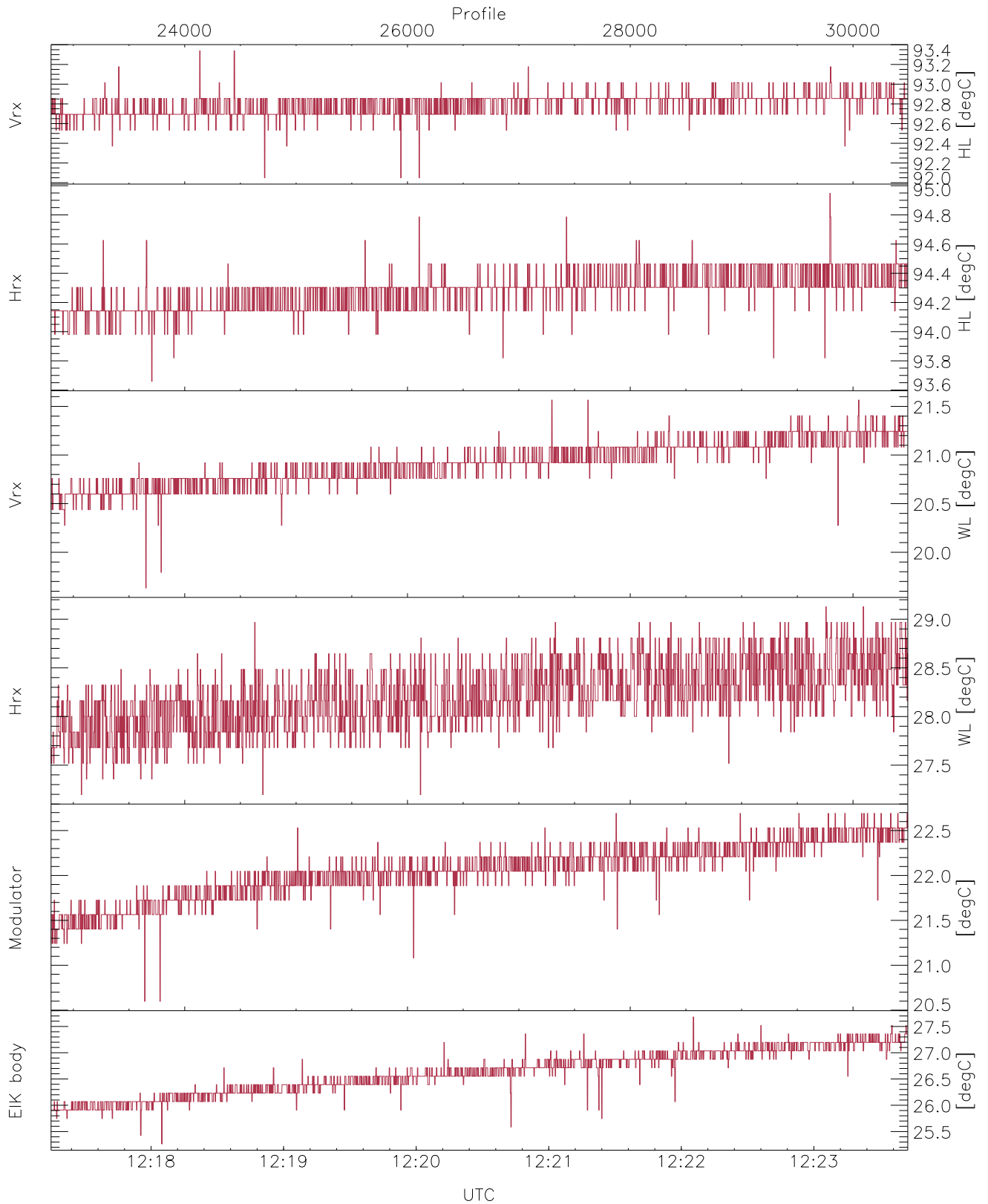


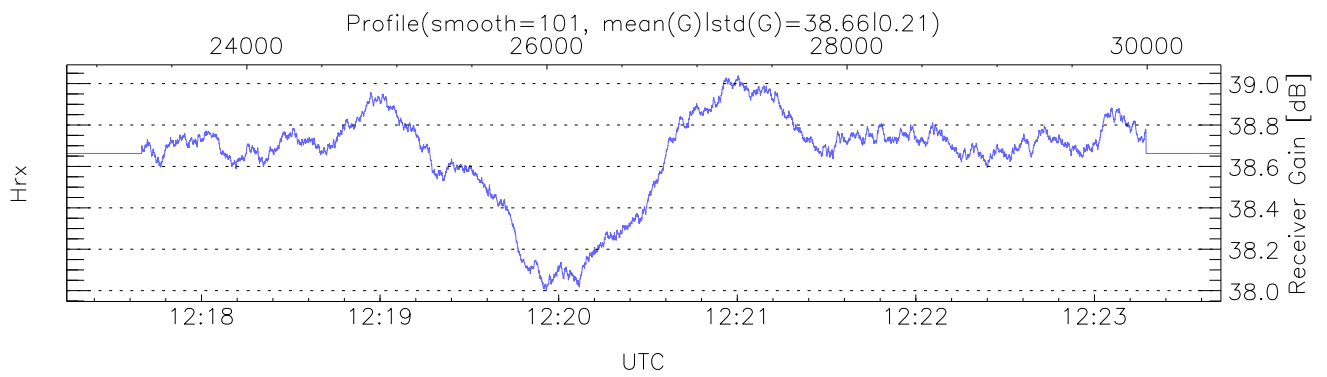
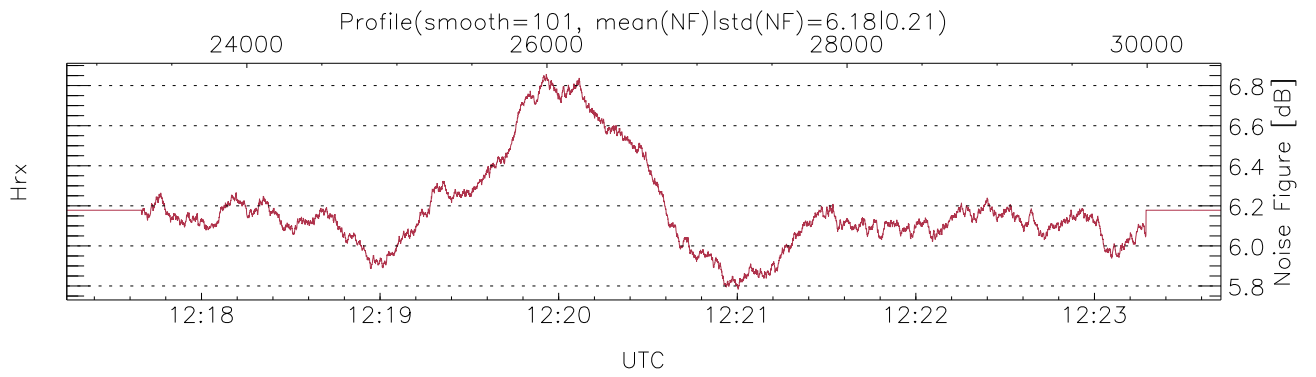
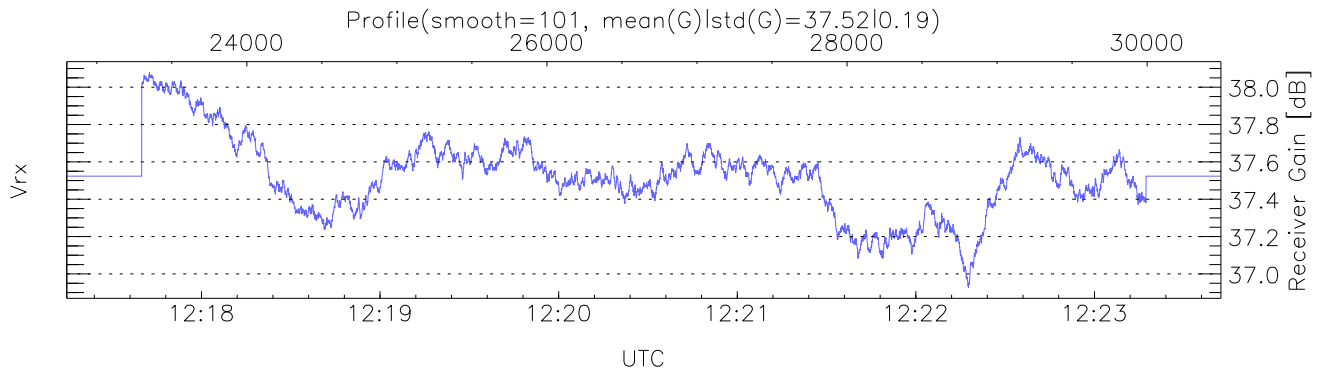
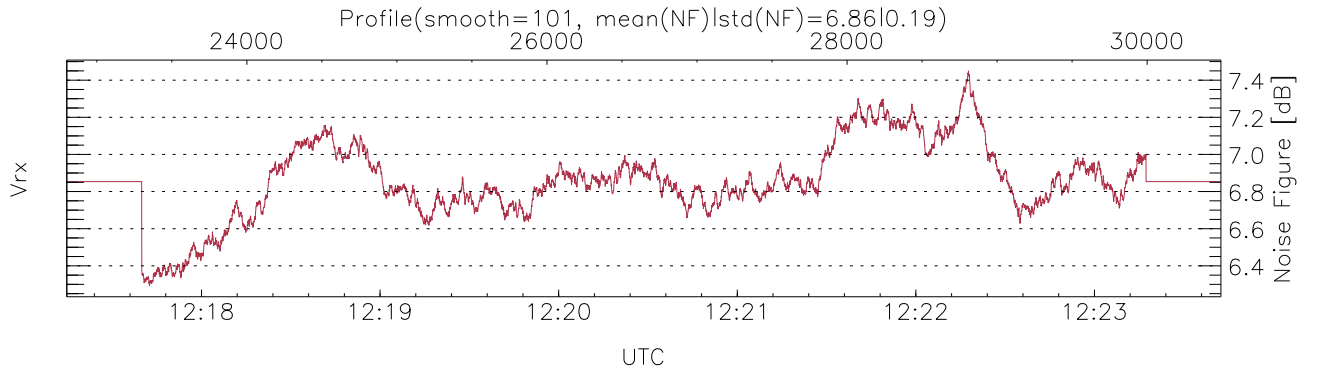
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 11:58:05-12:23:43, Dur: 1537.18s
 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): 7693/30493, 22800-30492/12:17:15-12:23:43
 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



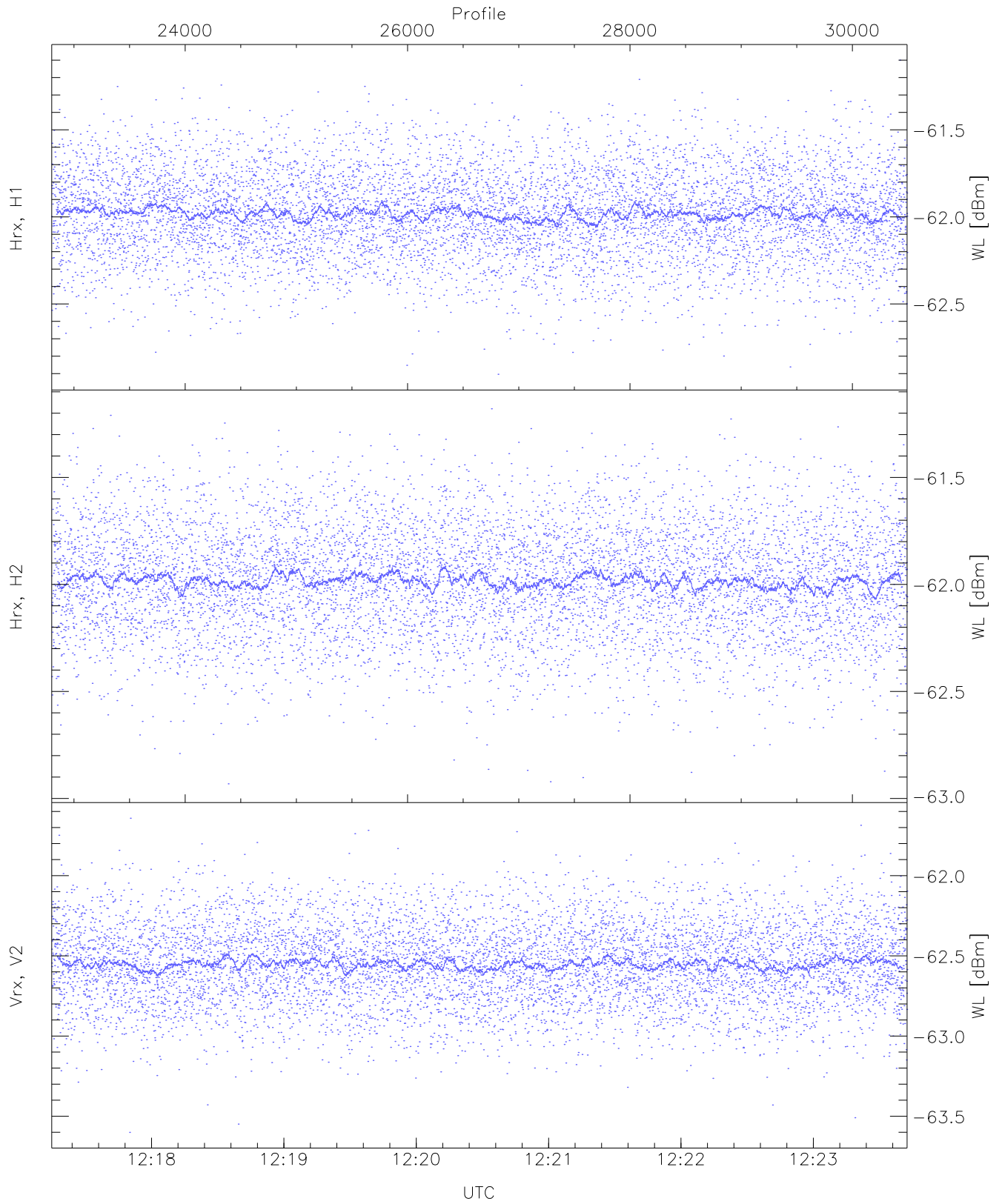
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,19,27,20,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,21,29,22,27
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
BodyCurr,DeckF (5,5)



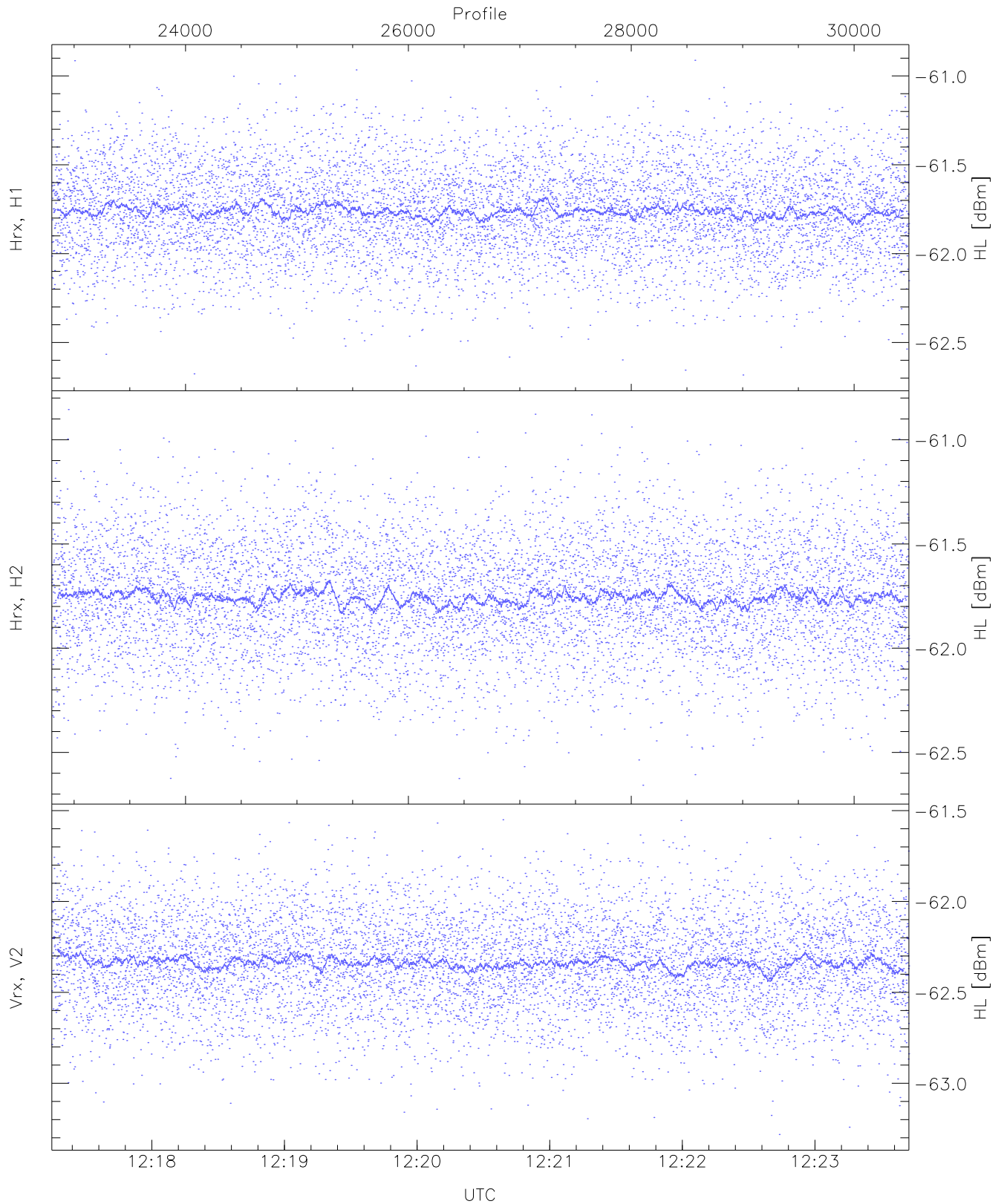
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 6969 pixs, 5 gates, 6639 profs, 1 prods



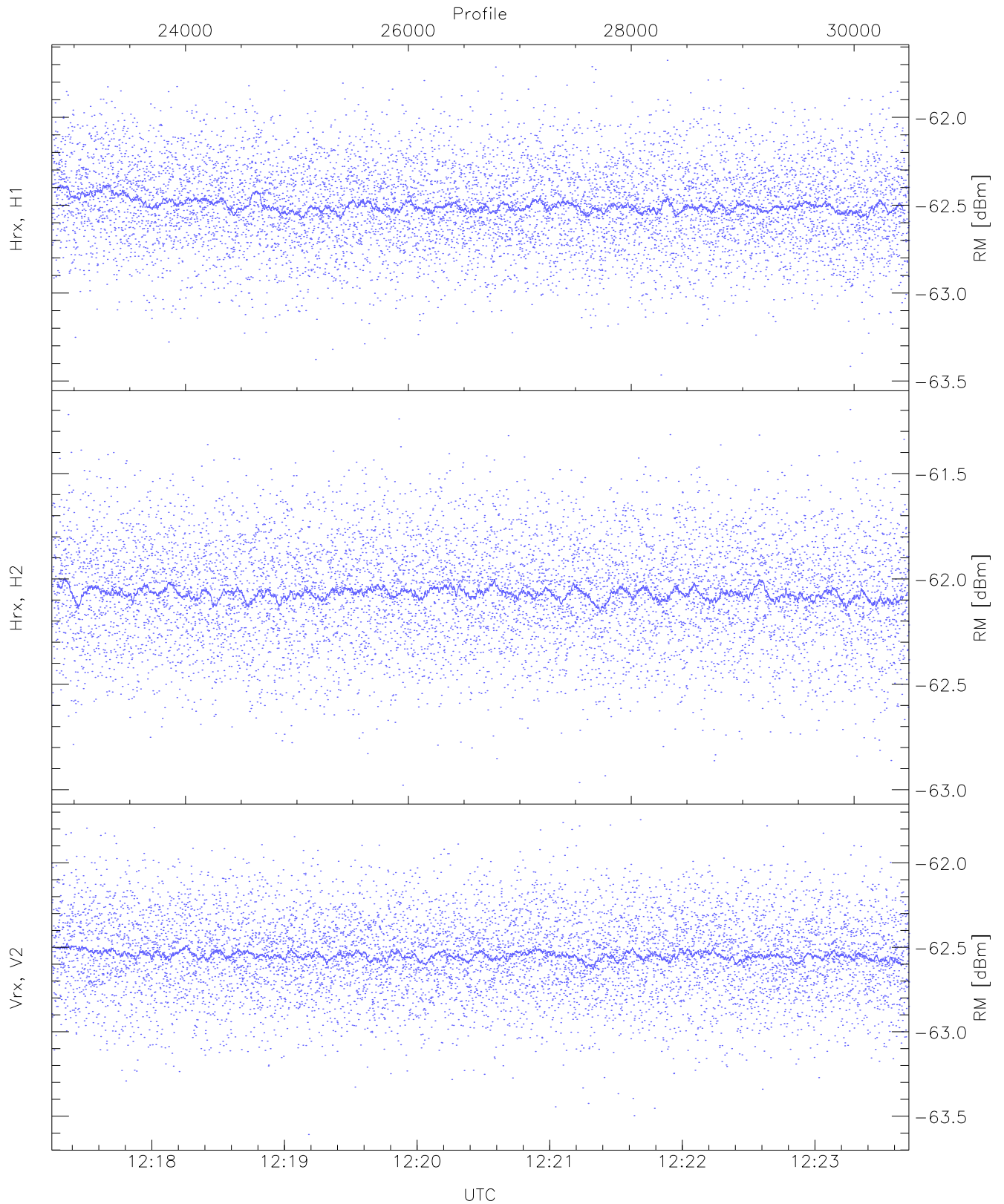
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.90	-61.10	-61.98	-61.98	-74.59
Hrx, H2(WL [dBm])	-62.93	-61.18	-61.98	-61.98	-74.52
Vrx, V2(WL [dBm])	-63.60	-61.64	-62.55	-62.55	-75.12



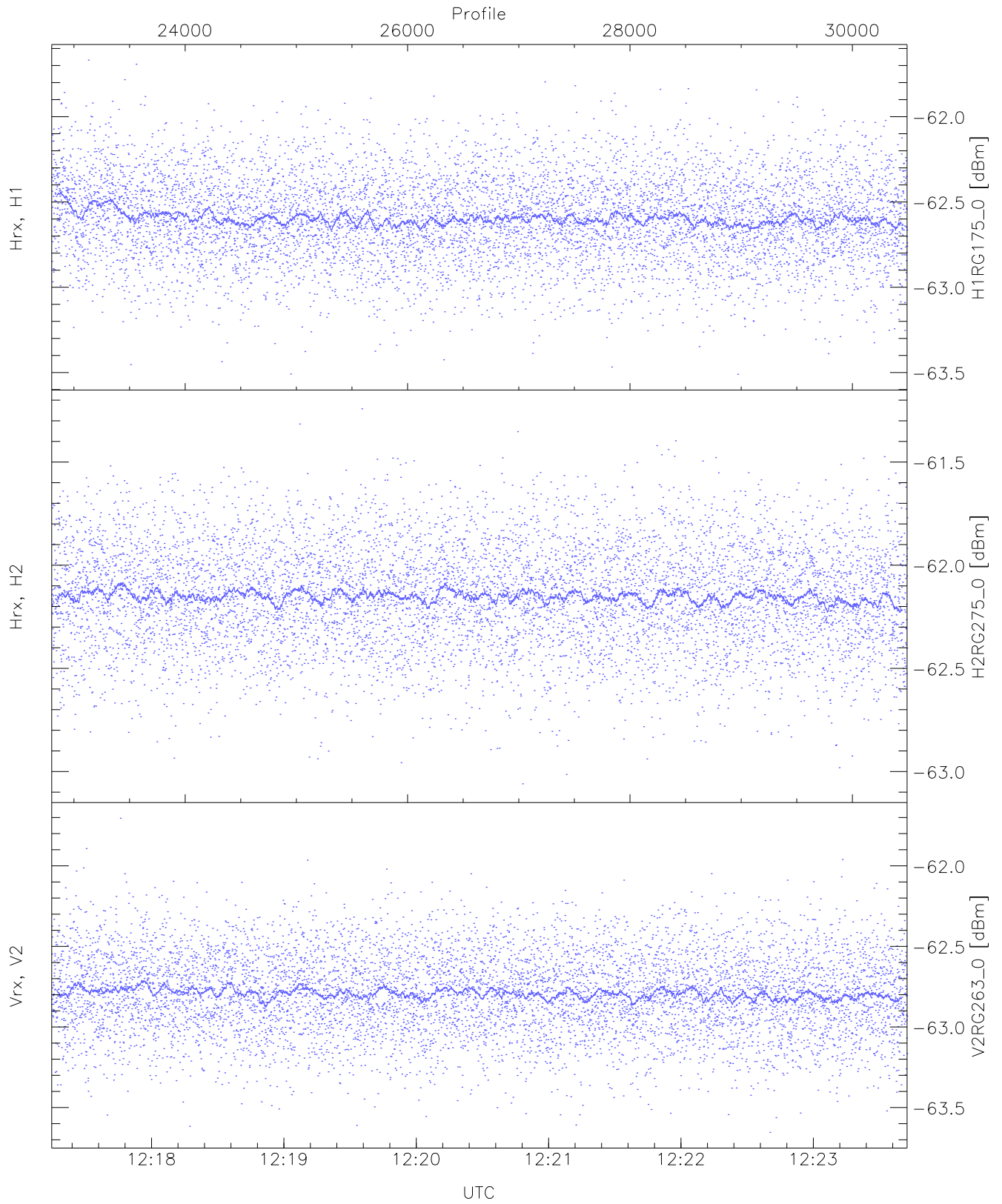
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.68	-60.91	-61.76	-61.76	-74.34
Hrx, H2 (HL [dBm])	-62.66	-60.86	-61.75	-61.76	-74.19
Vrx, V2 (HL [dBm])	-63.28	-61.55	-62.33	-62.34	-74.89



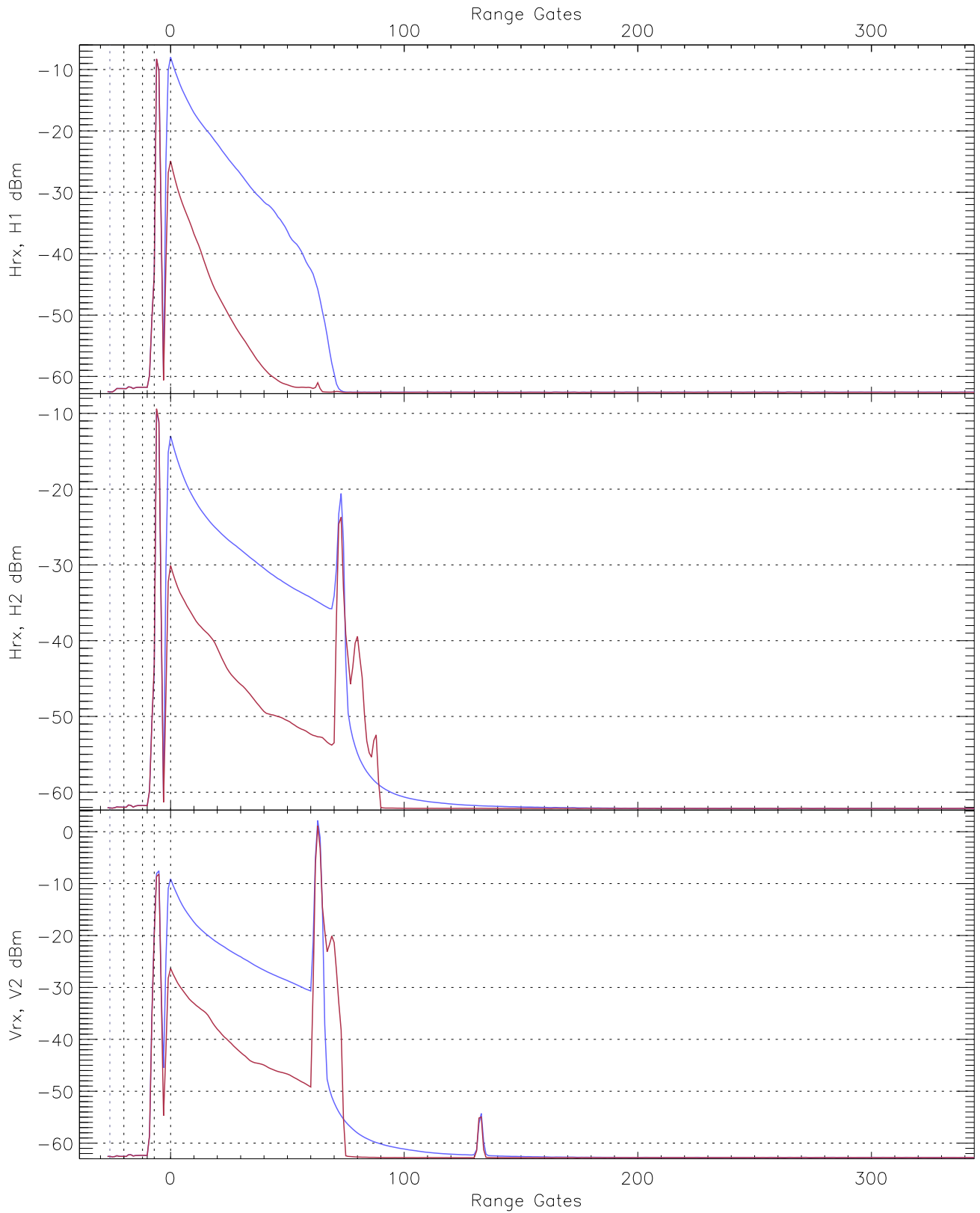
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.47	-61.68	-62.50	-62.50	-75.04
Hrx, H2(RM [dBm])	-62.98	-61.20	-62.07	-62.07	-74.59
Vrx, V2(RM [dBm])	-63.61	-61.75	-62.54	-62.55	-75.13

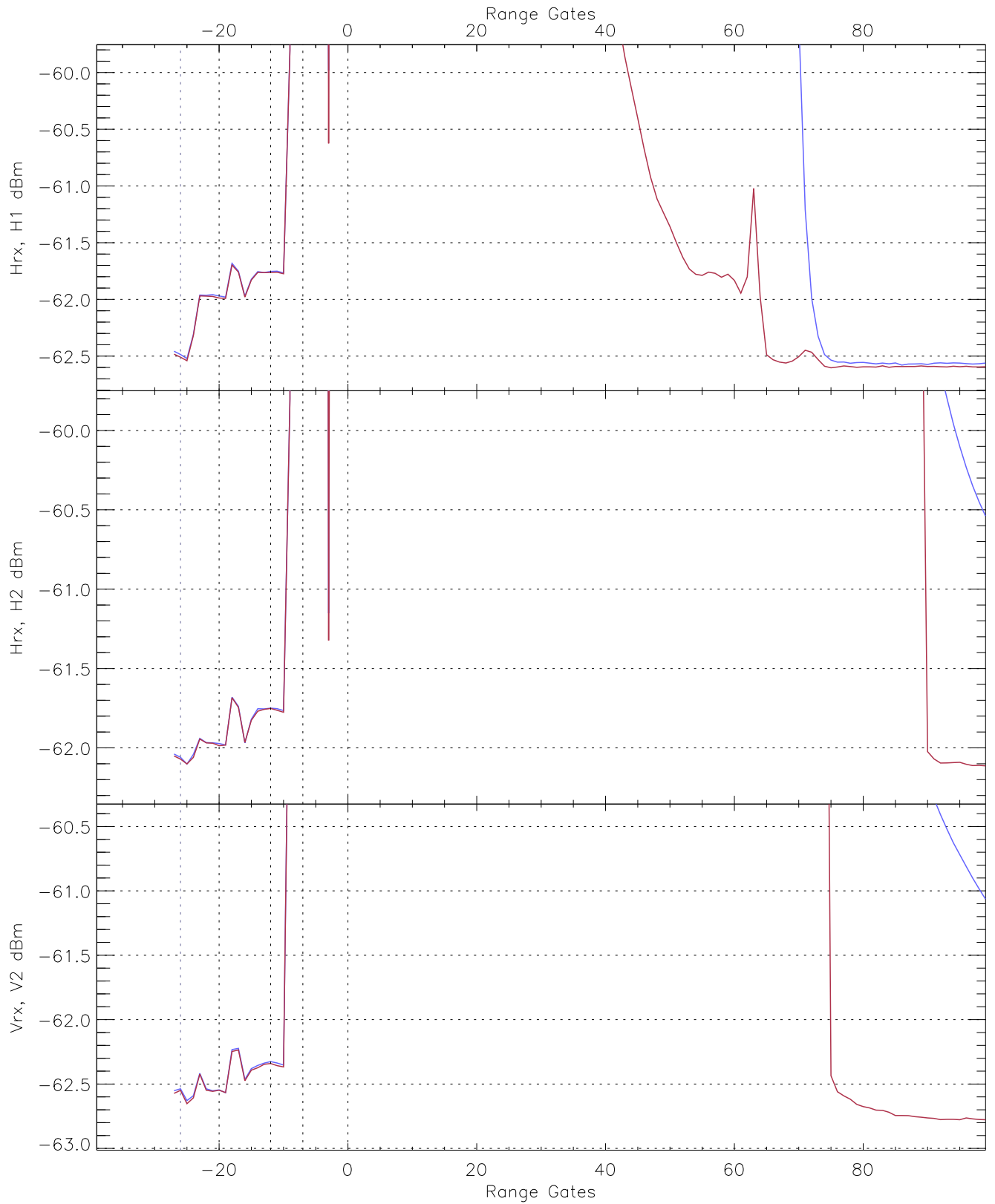


WCR2 CPP "Best" estimate Receivers Noise Power

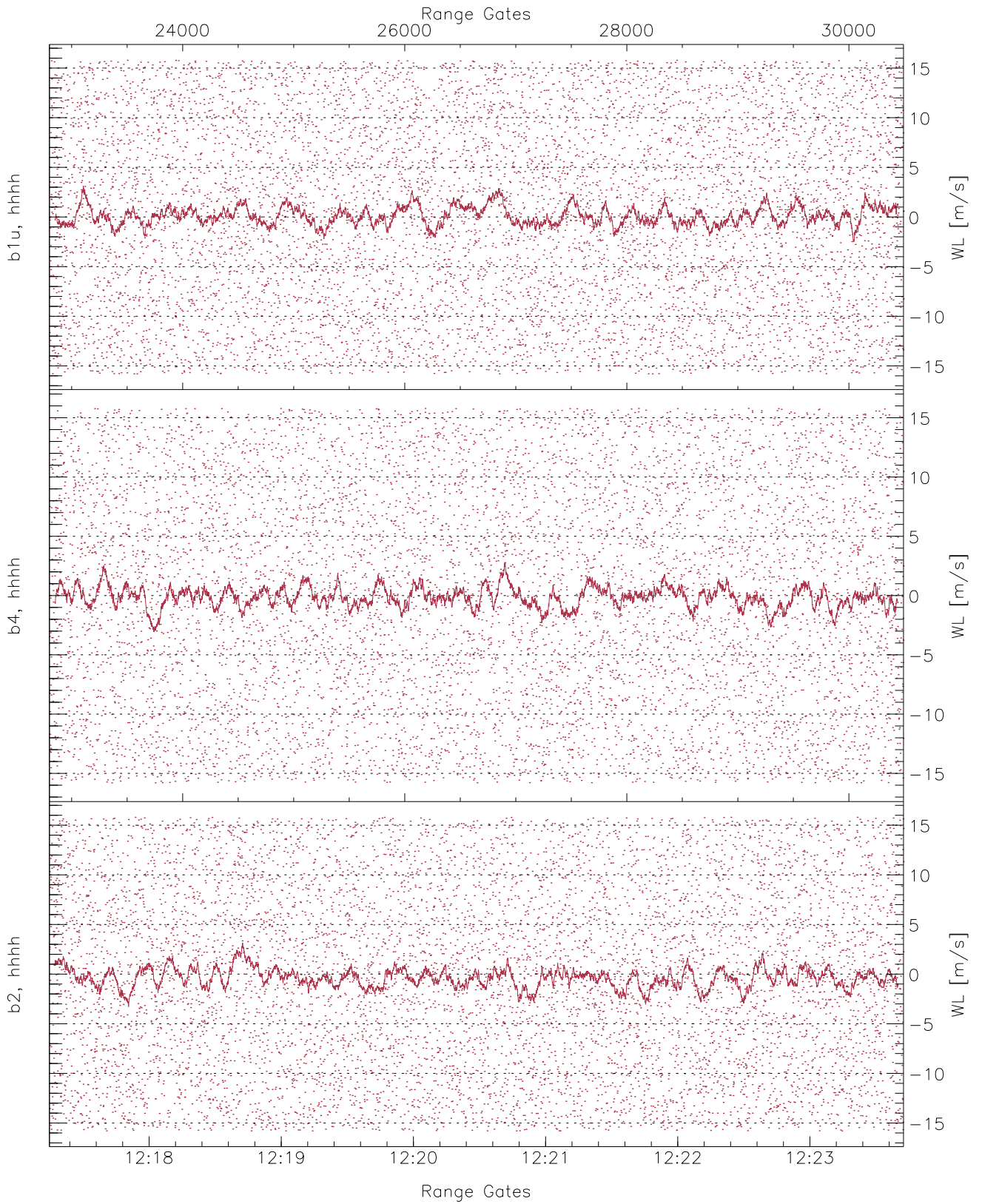
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.51	-61.67	-62.59	-62.60	-75.14
H2RG275_0 [dBm]	-63.06	-61.24	-62.15	-62.15	-74.69
V2RG263_0 [dBm]	-63.65	-61.70	-62.79	-62.79	-75.28



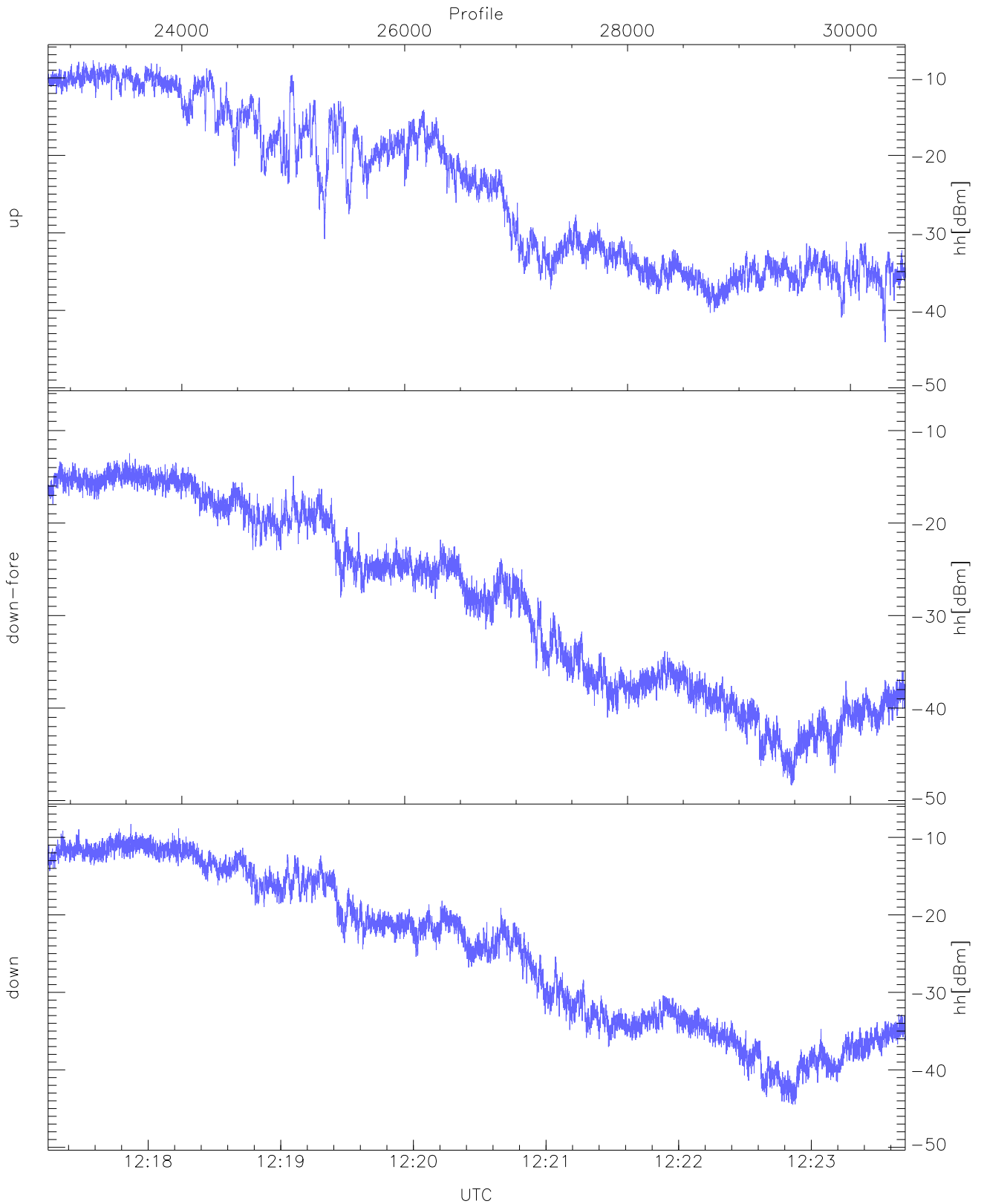
WCR2 CPP Averaged Received power for all recorded gates
blue: 121715-122029, 3847 profiles averaged
red: 122029-122343, 3847 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 121715-122029, 3847 profiles averaged
red: 122029-122343, 3847 profiles averaged

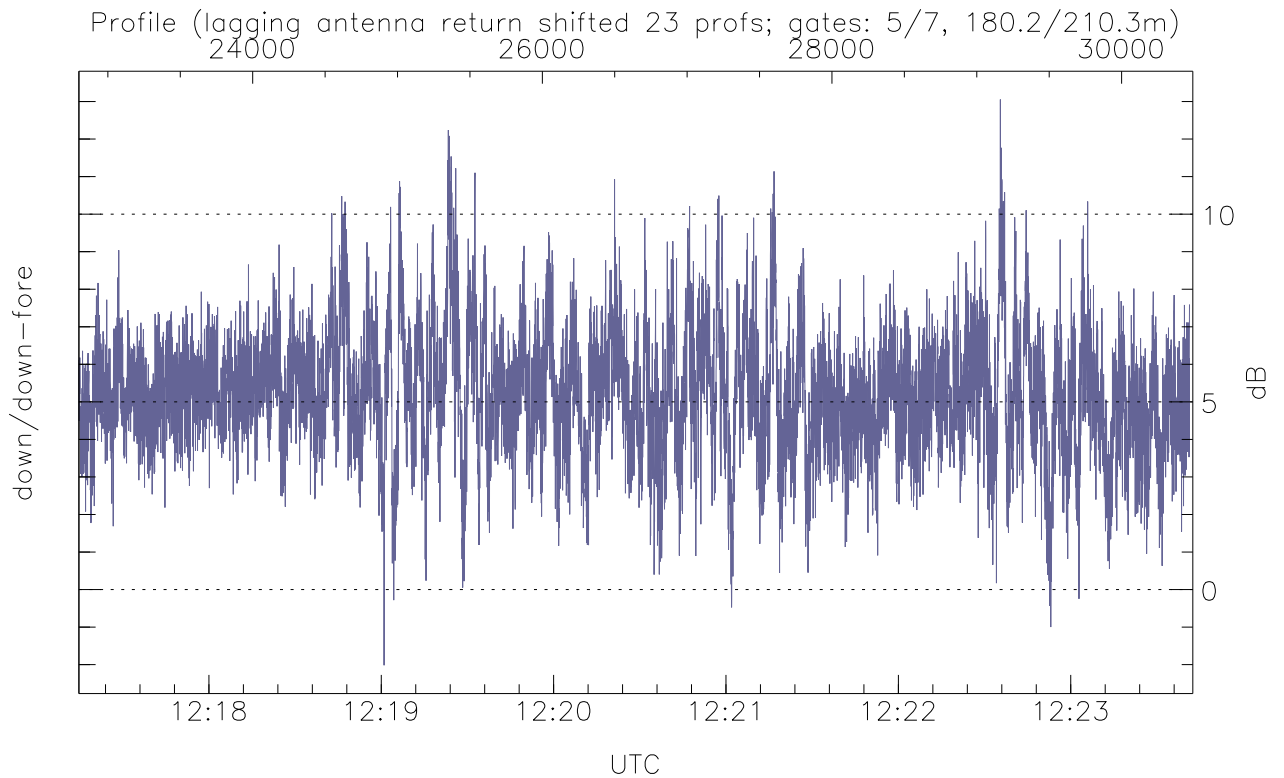
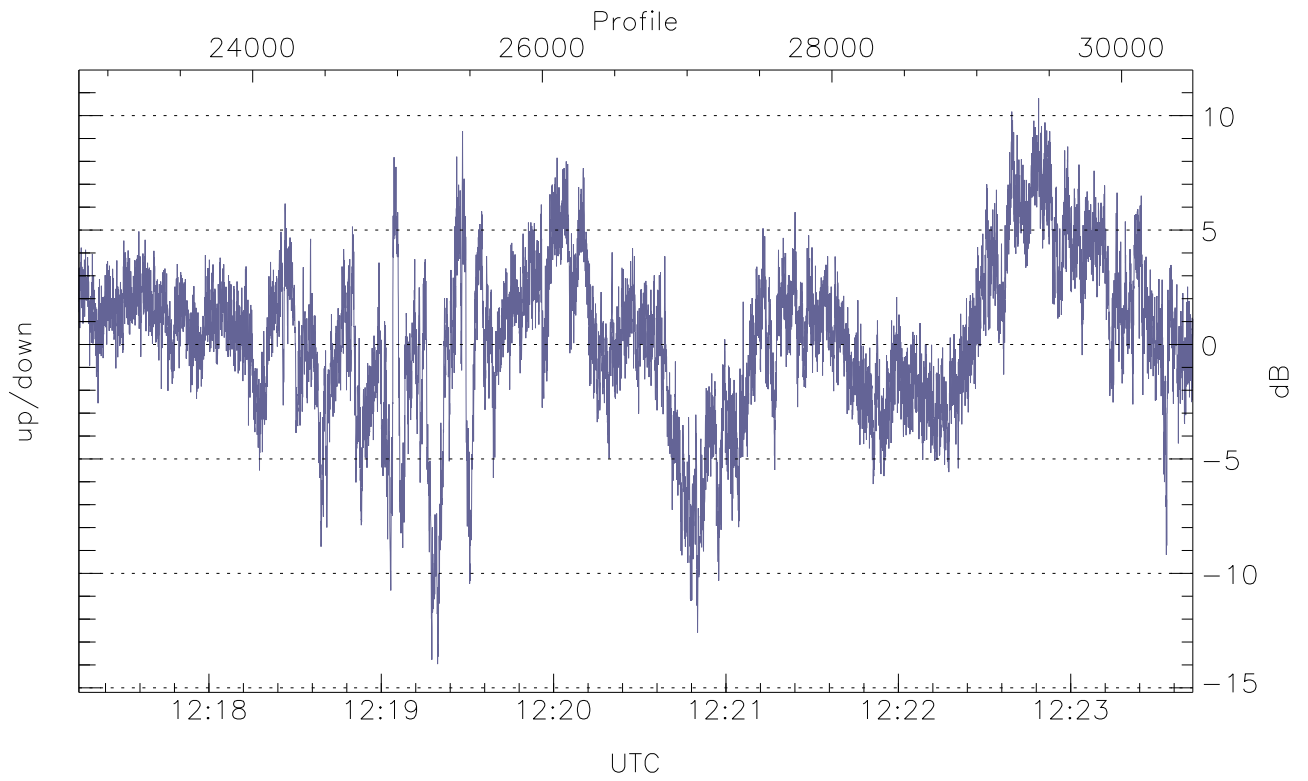


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



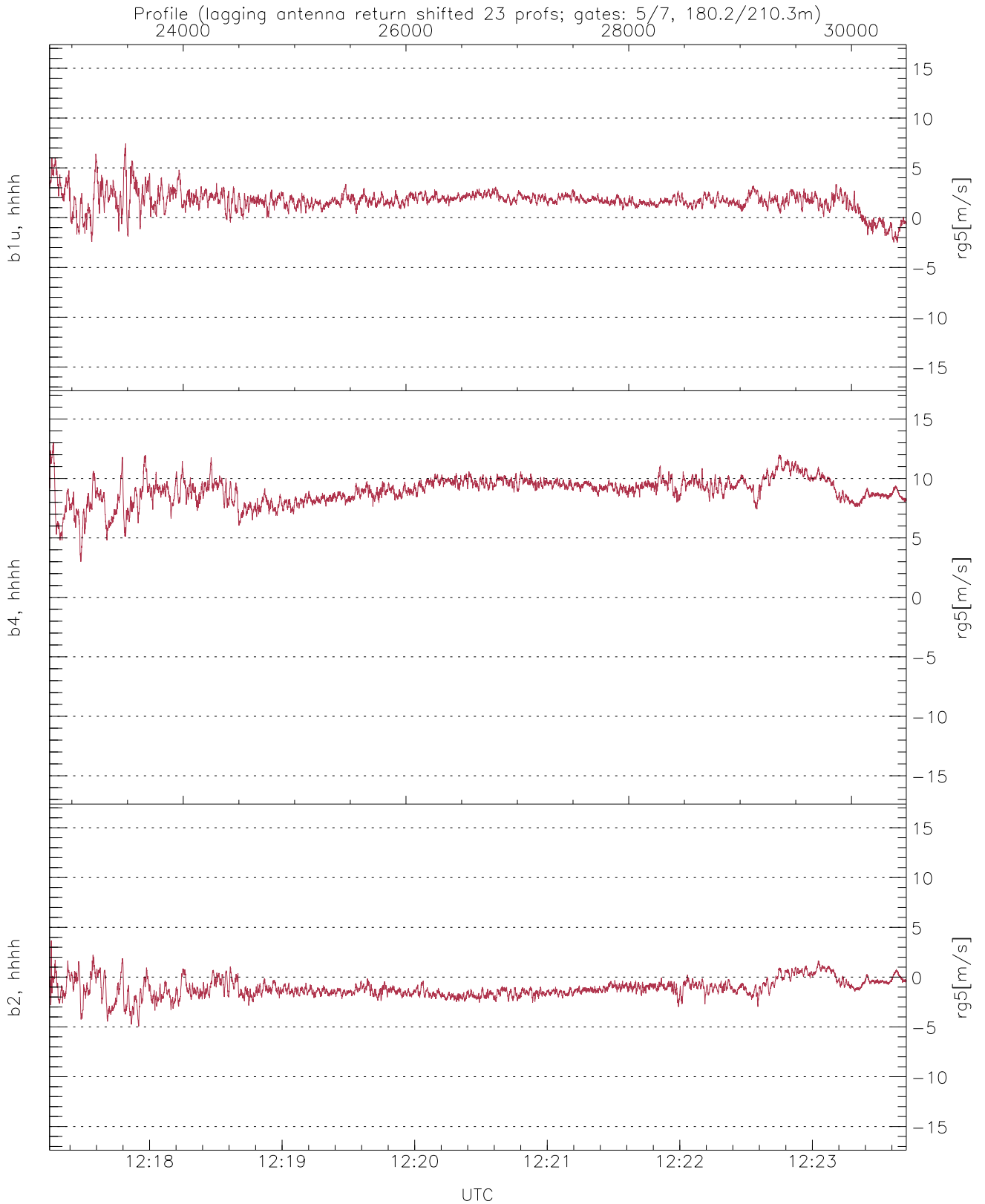
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh [dBm])	-44.10	-7.73	-16.25
down-fore(hh [dBm])	-48.34	-12.46	-20.86
down(hh [dBm])	-44.50	-8.28	-17.04



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

	Min	Max	Mean
up/down (dB)	-13.96	10.76	0.31
down/down-fore (dB)	-2.02	13.05	5.24



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-2.49	7.44	1.69	1.05
b4, hhhh(rg5[m/s])	3.00	13.05	8.99	1.10
b2, hhhh(rg5[m/s])	-4.94	3.66	-1.13	0.90