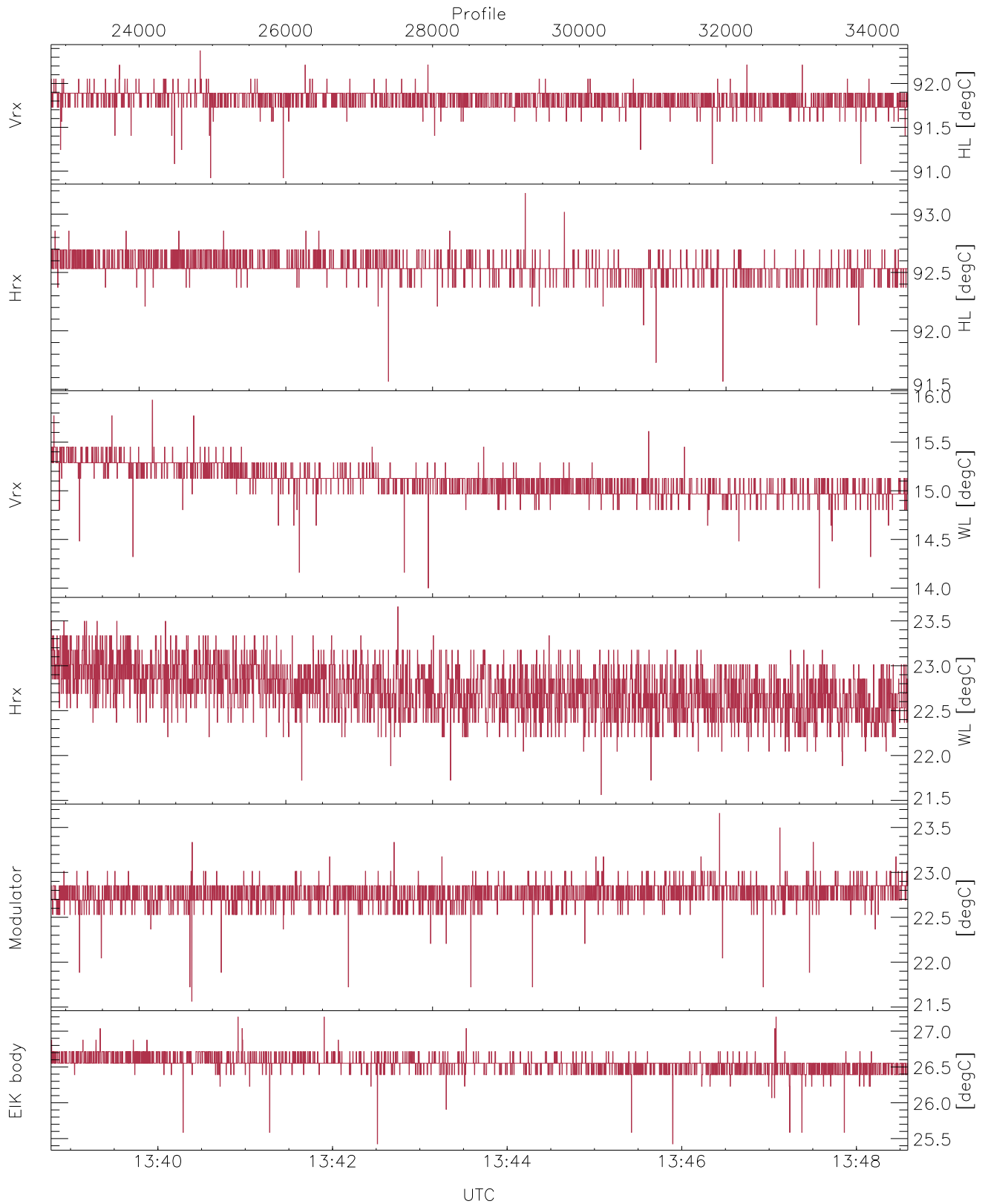


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

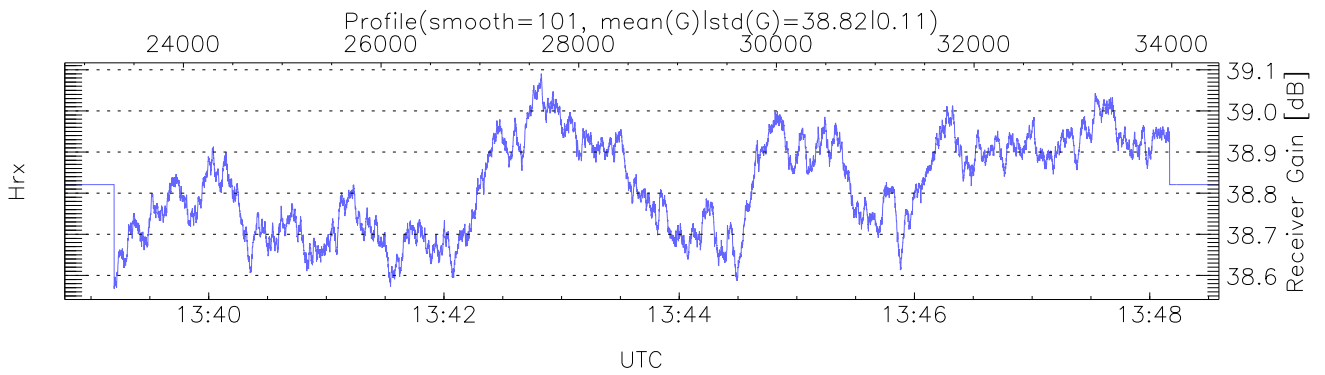
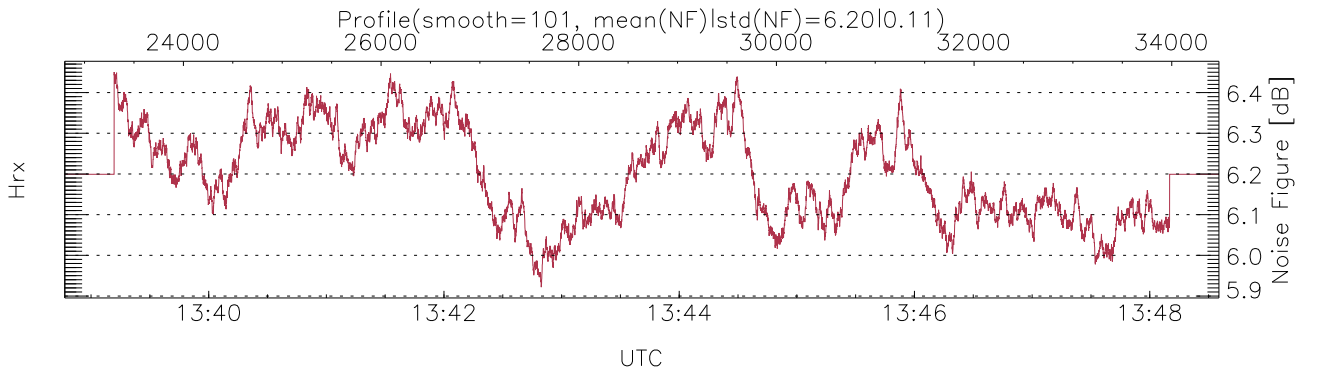
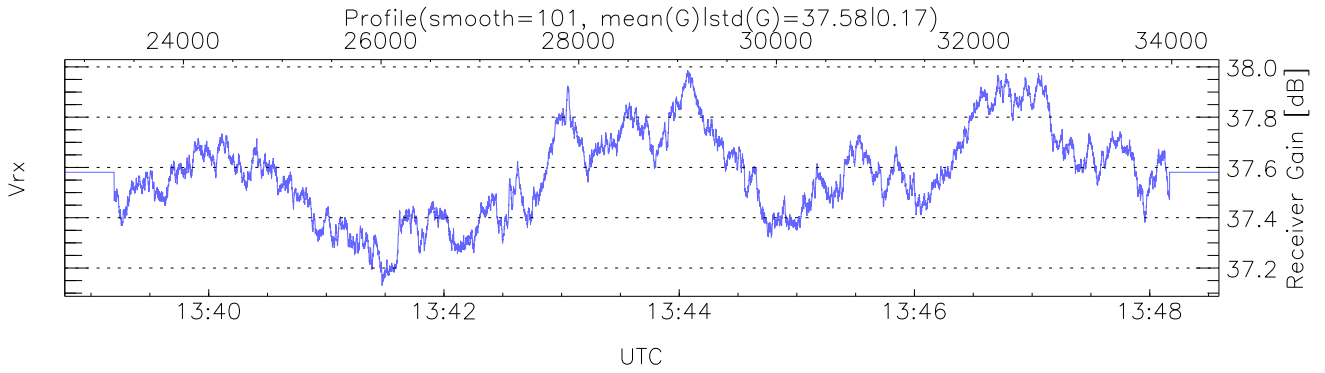
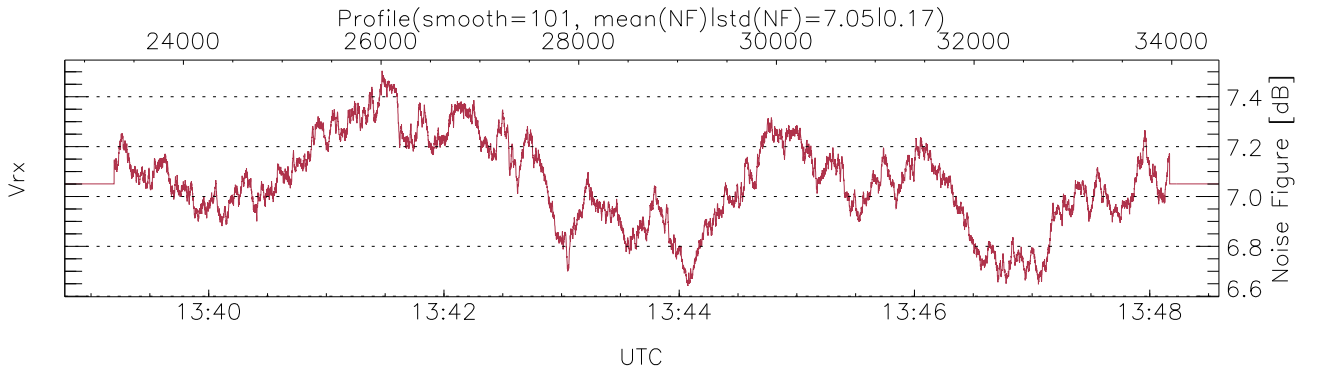
UTC: 13:19:37-13:48:35, Dur: 1738.13s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 11679/34479, 22800-34478/13:38:47-13:48:35
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
 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

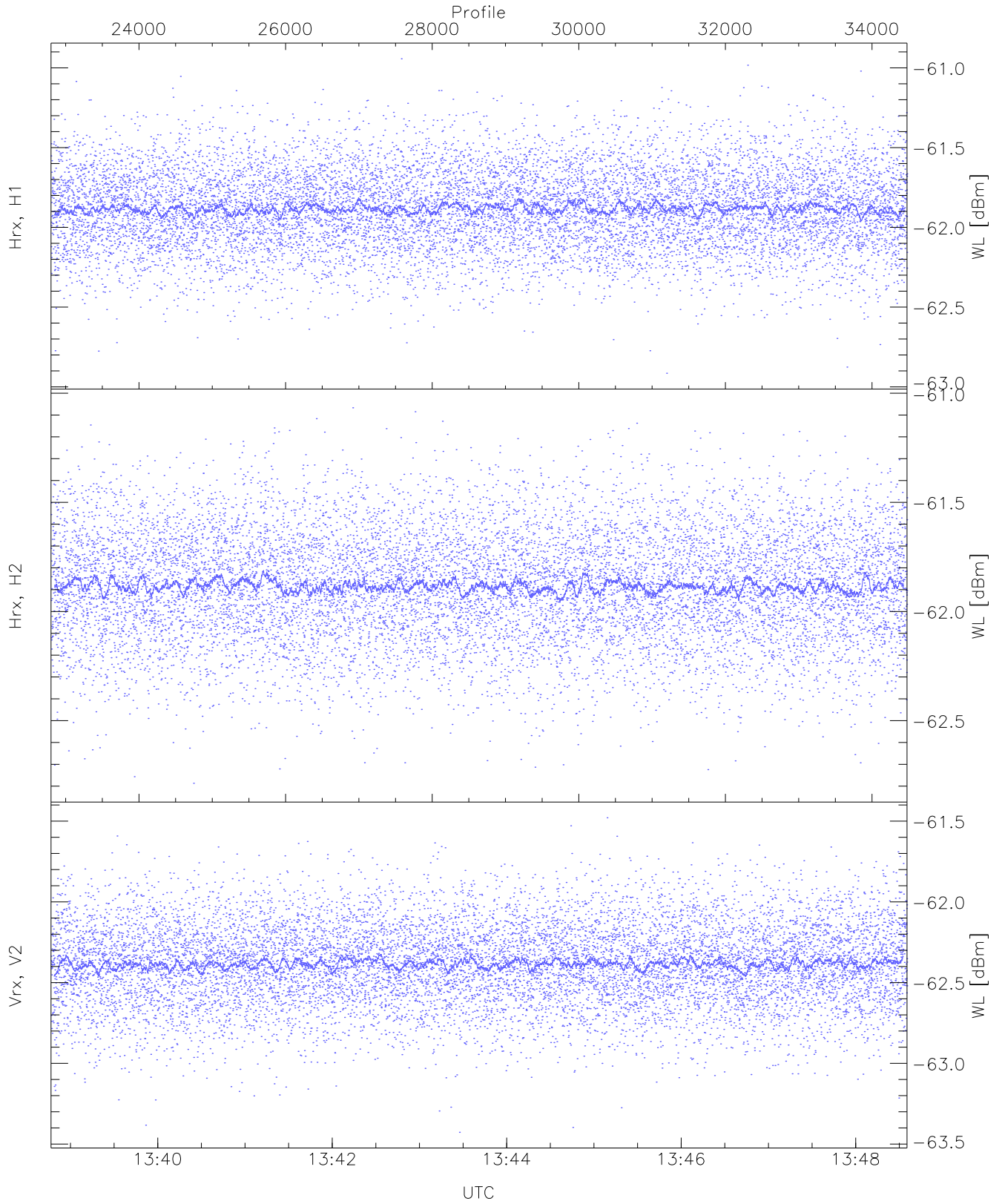
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,14,21,21,25`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,15,23,23,27`
`LOalarm(20,80,240,2.8,14.8 MHz): None`

`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (11,11,11,11,11,5)`



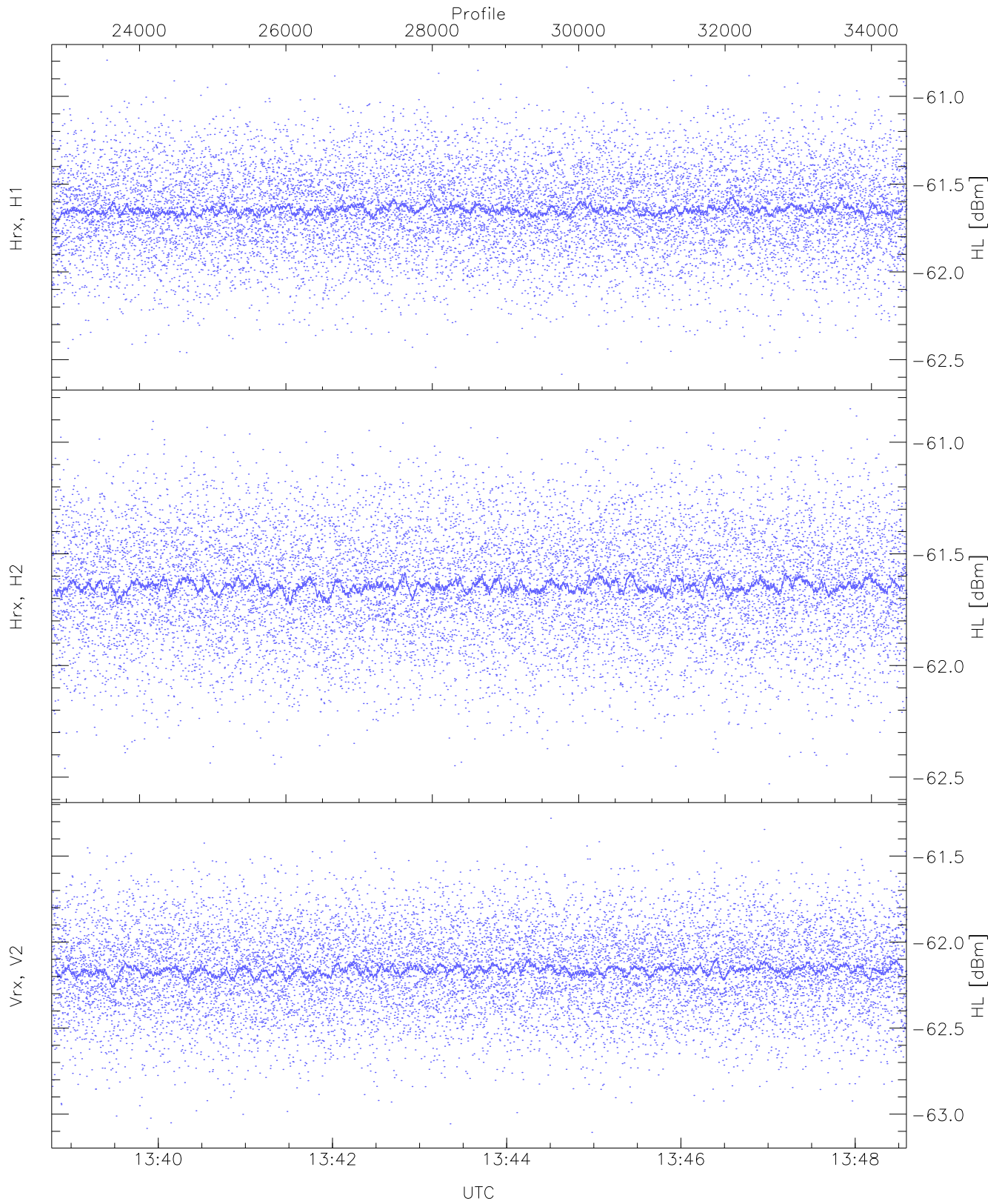
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 12236 pixs, 7 gates, 10131 profs, 1 prods



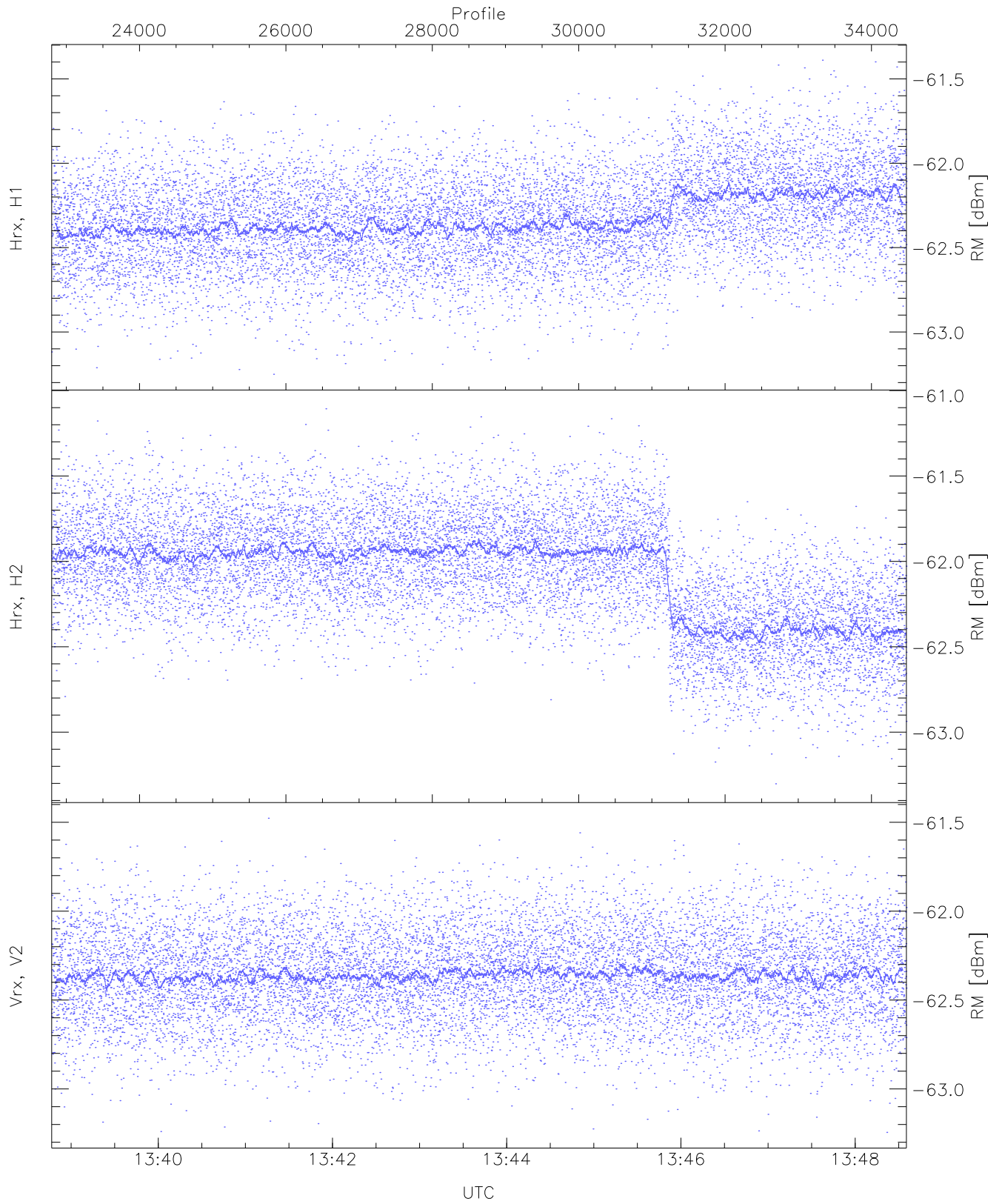
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.91	-60.94	-61.88	-61.89	-74.45
Hrx, H2(WL [dBm])	-62.79	-61.07	-61.88	-61.88	-74.45
Vrx, V2(WL [dBm])	-63.43	-61.48	-62.38	-62.38	-74.92



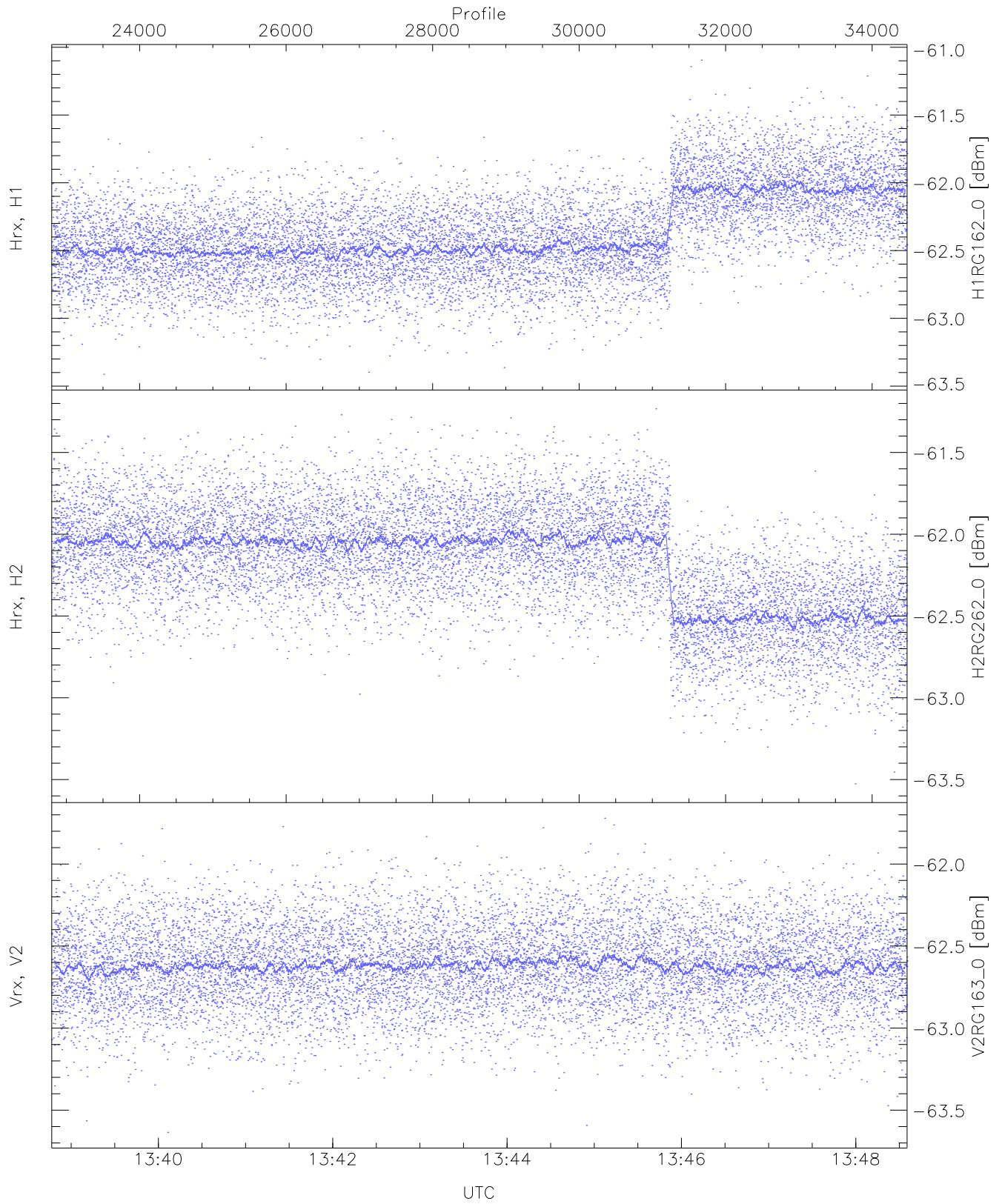
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.58	-60.79	-61.64	-61.65	-74.23
Hrx, H2 (HL [dBm])	-62.53	-60.85	-61.64	-61.64	-74.21
Vrx, V2 (HL [dBm])	-63.11	-61.28	-62.16	-62.16	-74.75



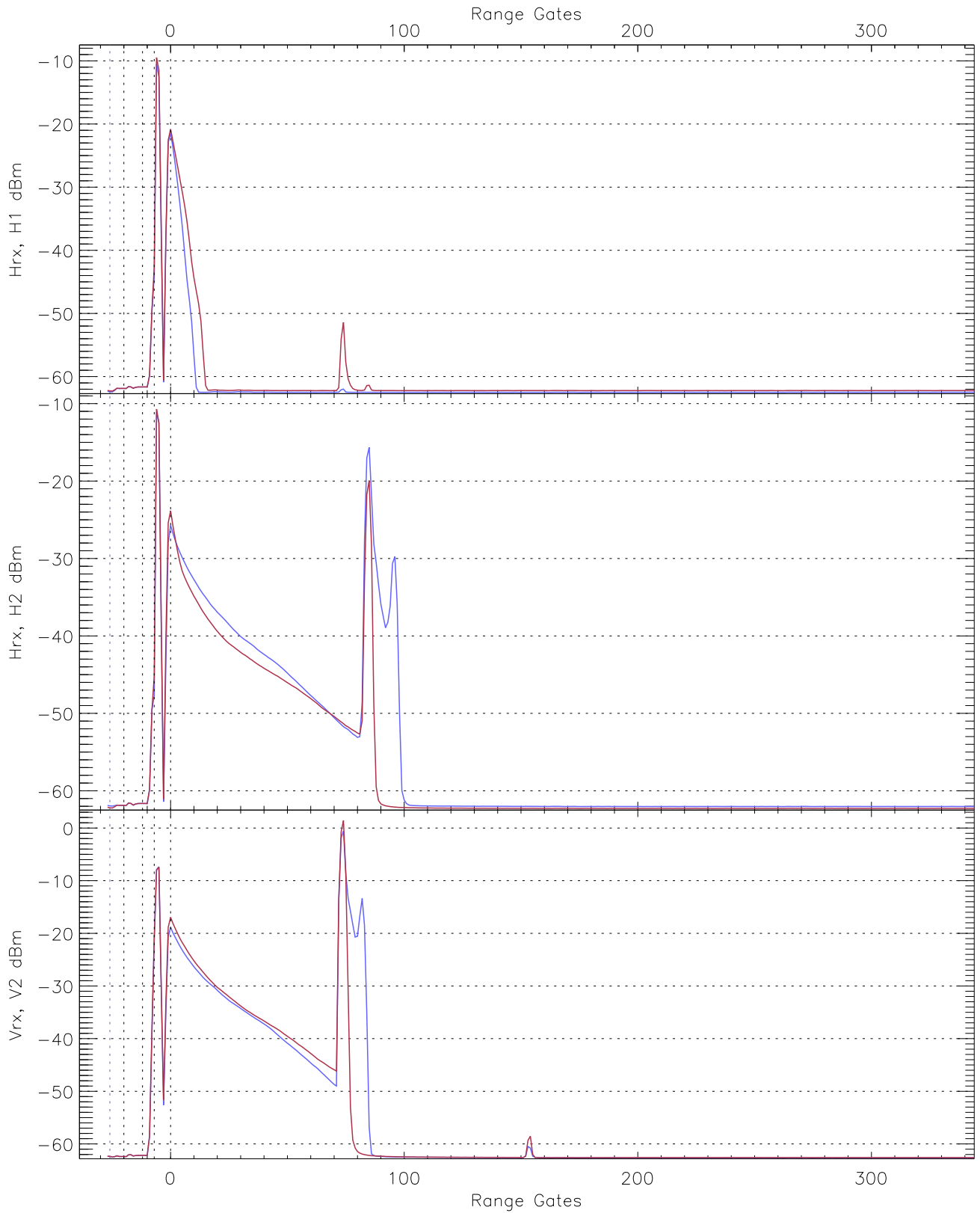
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.25	-61.39	-62.32	-62.33	-74.57
Hrx, H2 (RM [dBm])	-63.30	-61.11	-62.06	-62.05	-73.47
Vrx, V2 (RM [dBm])	-63.24	-61.48	-62.36	-62.36	-74.93

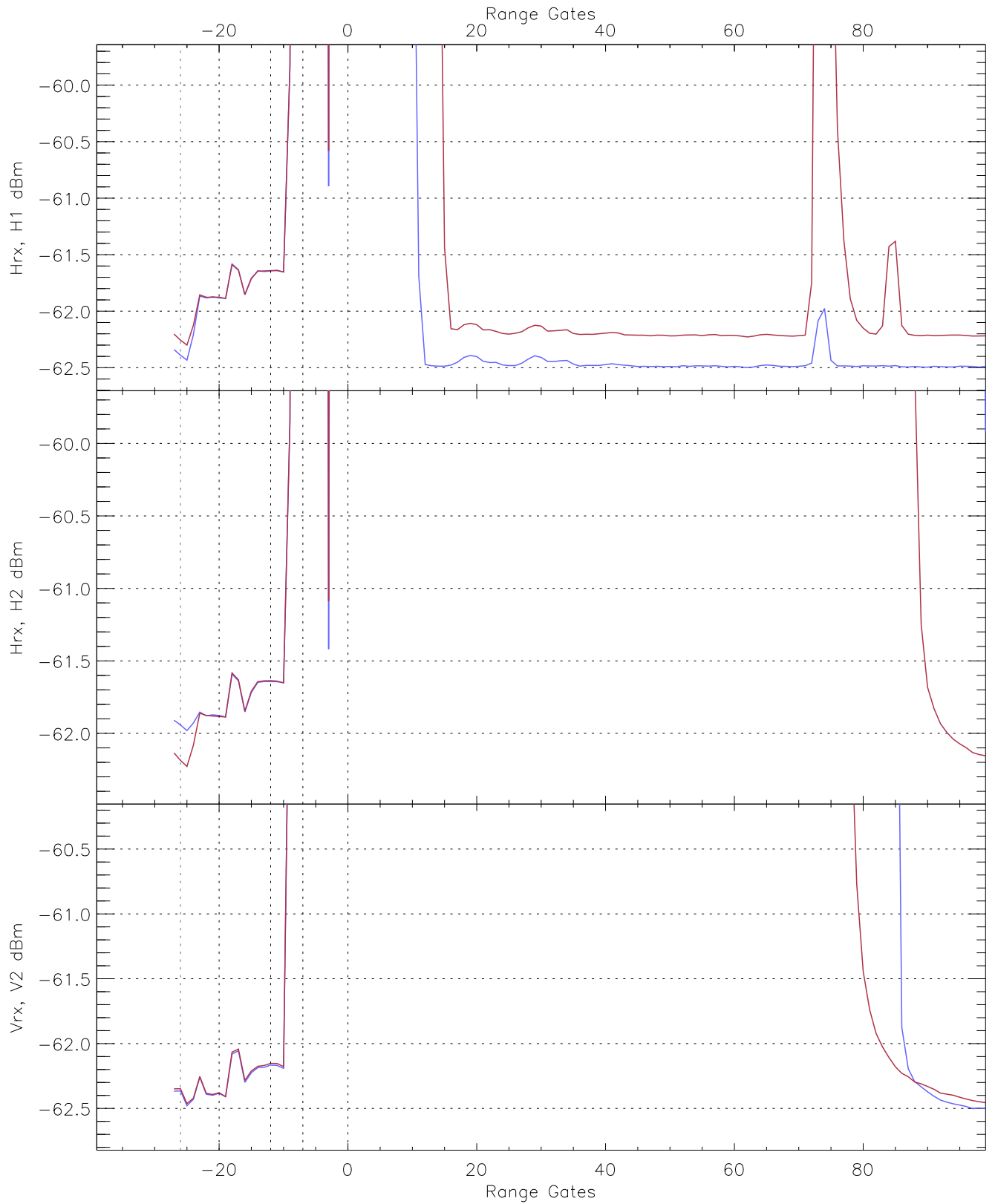


WCR2 CPP "Best" estimate Receivers Noise Power

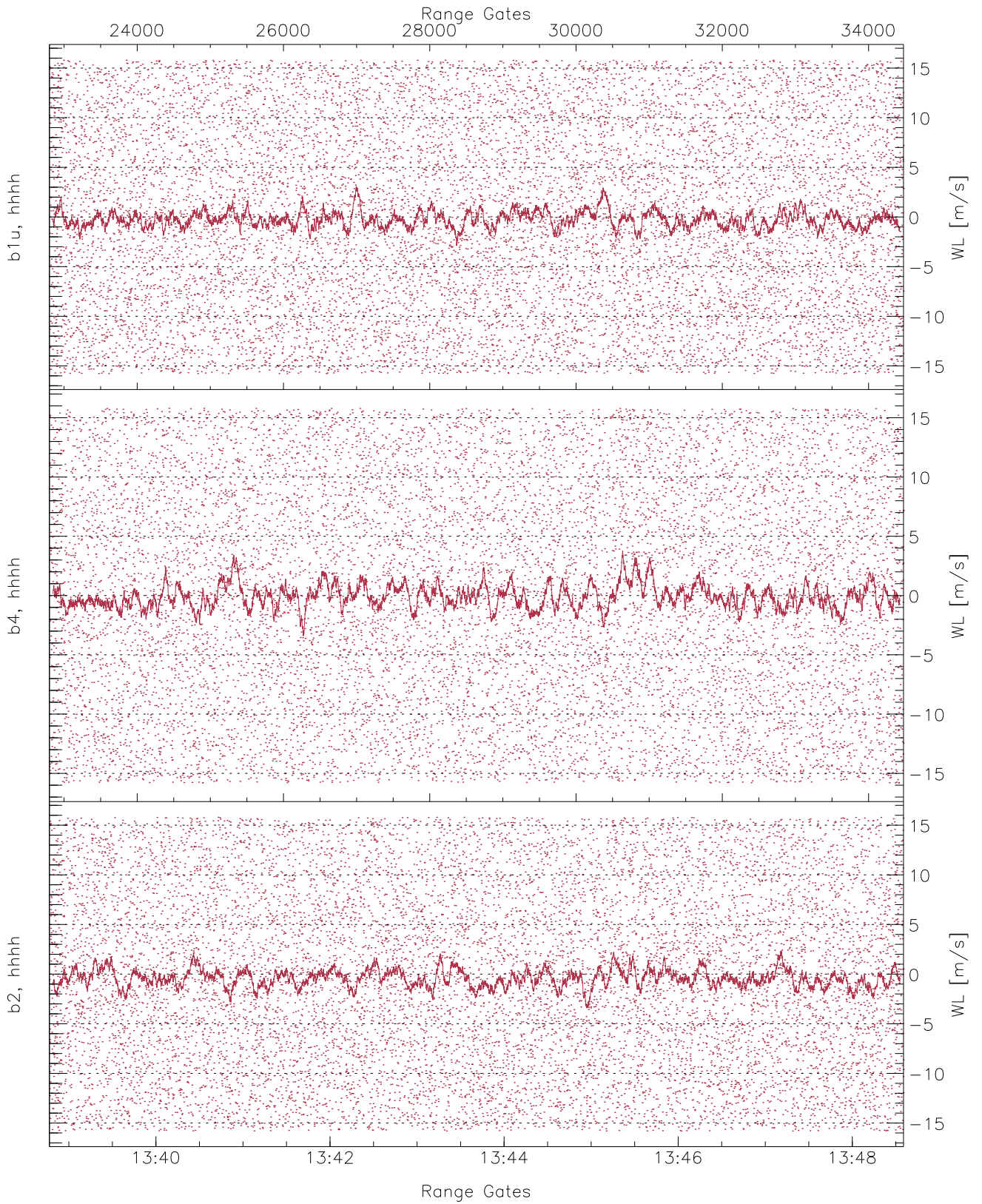
	Min	Max	Mean	Median	StDev
H1RG162_0 [dBm]	-63.41	-61.10	-62.36	-62.40	-73.69
H2RG262_0 [dBm]	-63.53	-61.23	-62.16	-62.14	-73.50
V2RG163_0 [dBm]	-63.64	-61.72	-62.62	-62.62	-75.17



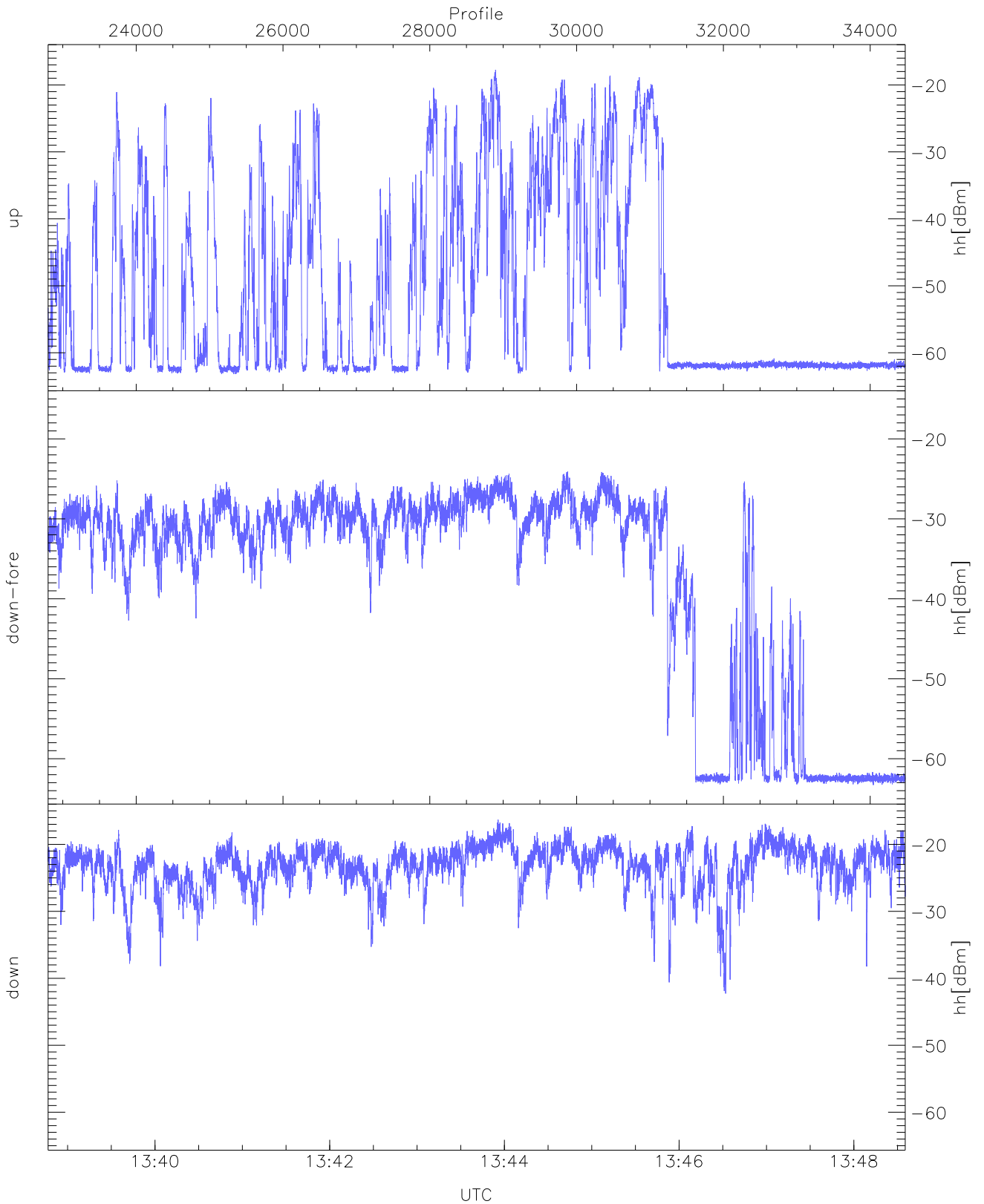
WCR2 CPP Averaged Received power for all recorded gates
blue: 133847-134341, 5840 profiles averaged
red: 134341-134835, 5840 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 133847-134341, 5840 profiles averaged
red: 134341-134835, 5840 profiles averaged

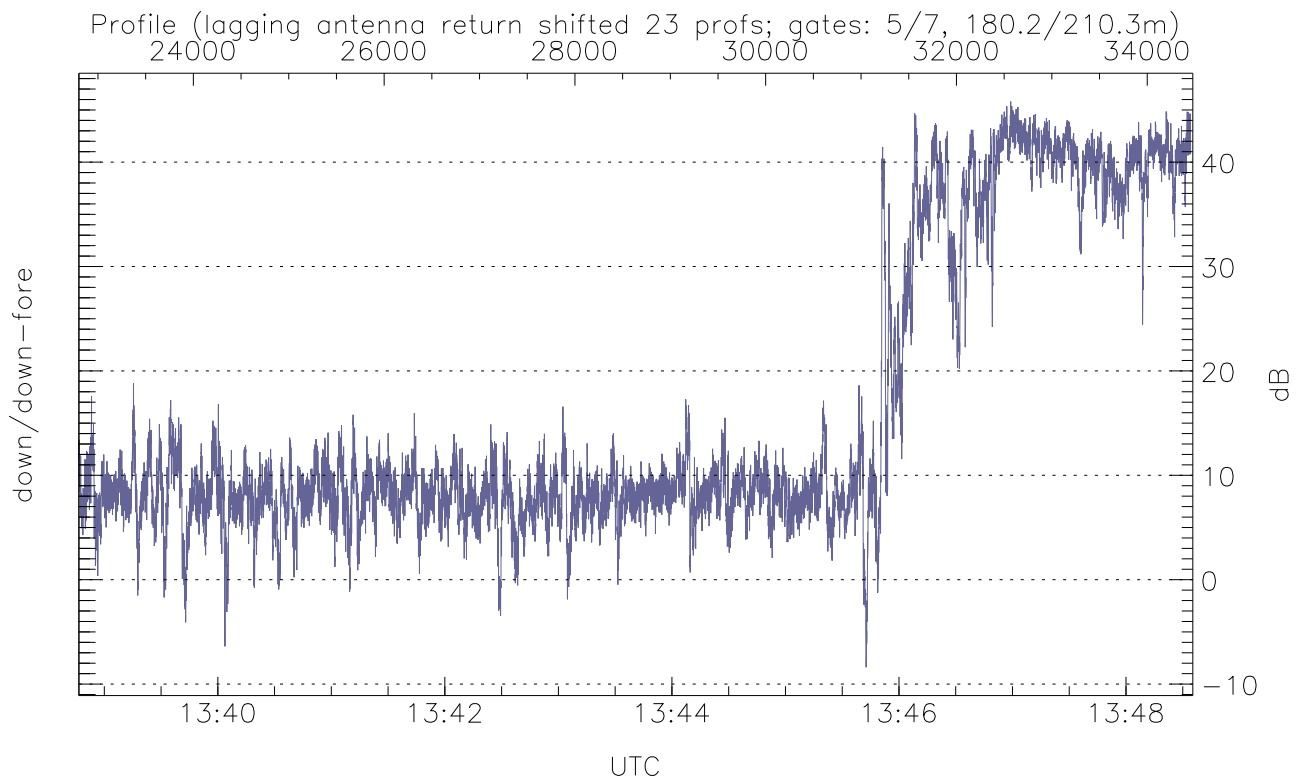
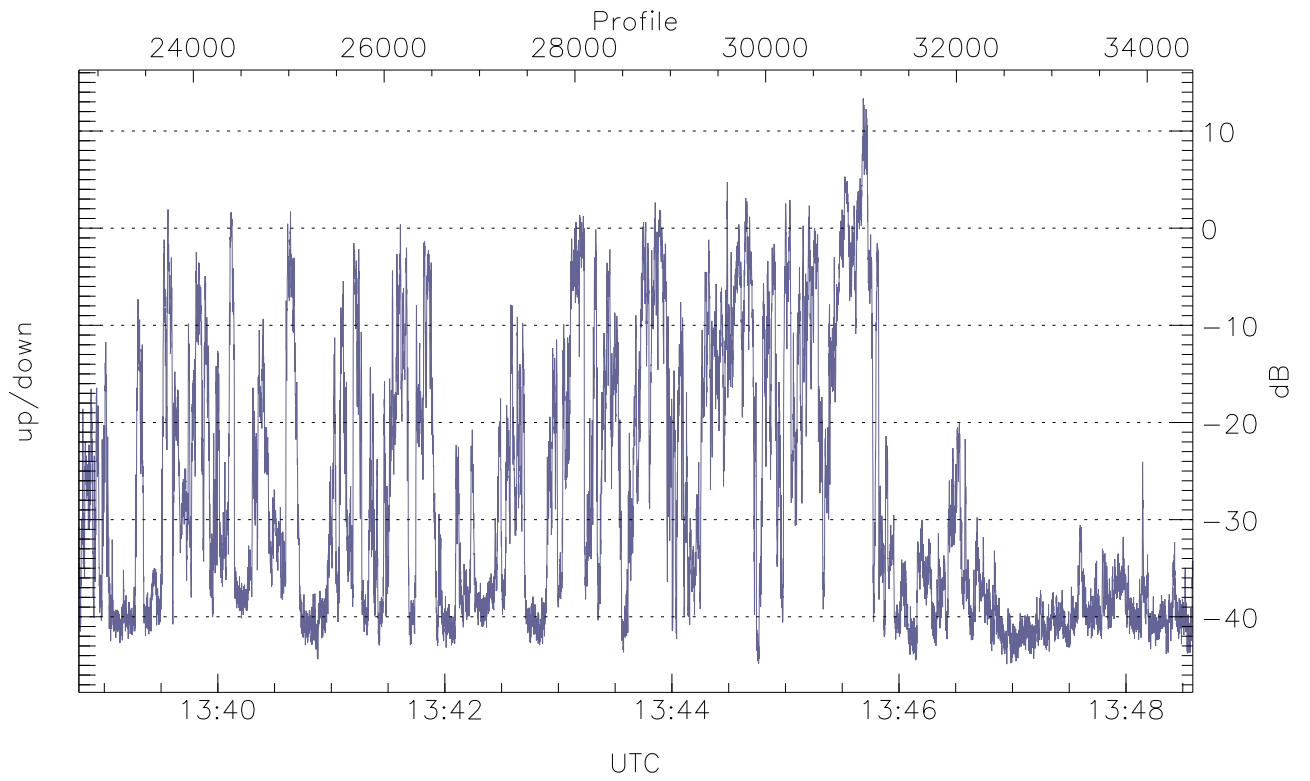


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



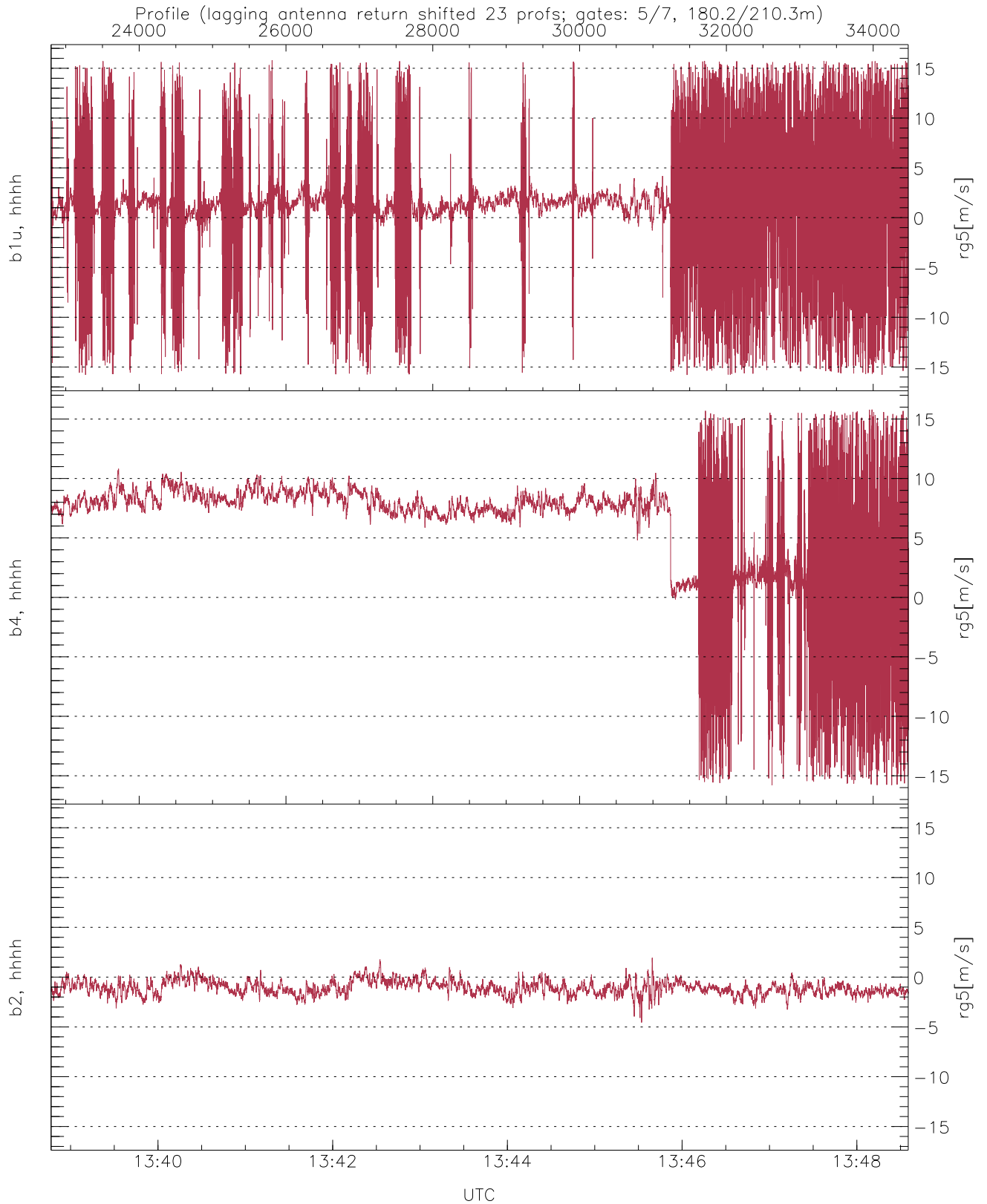
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.32	-17.74	-32.67
down-fore(hh[dBm])	-63.29	-24.06	-30.68
down(hh[dBm])	-42.27	-16.33	-22.41



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

	Min	Max	Mean
up/down (dB)	-44.87	13.37	-27.67
down/down-fore (dB)	-8.39	45.81	16.17



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.80	1.31	5.58
b4, hhhh(rg5[m/s])	-15.79	15.79	6.04	5.01
b2, hhhh(rg5[m/s])	-4.56	1.94	-1.07	0.71