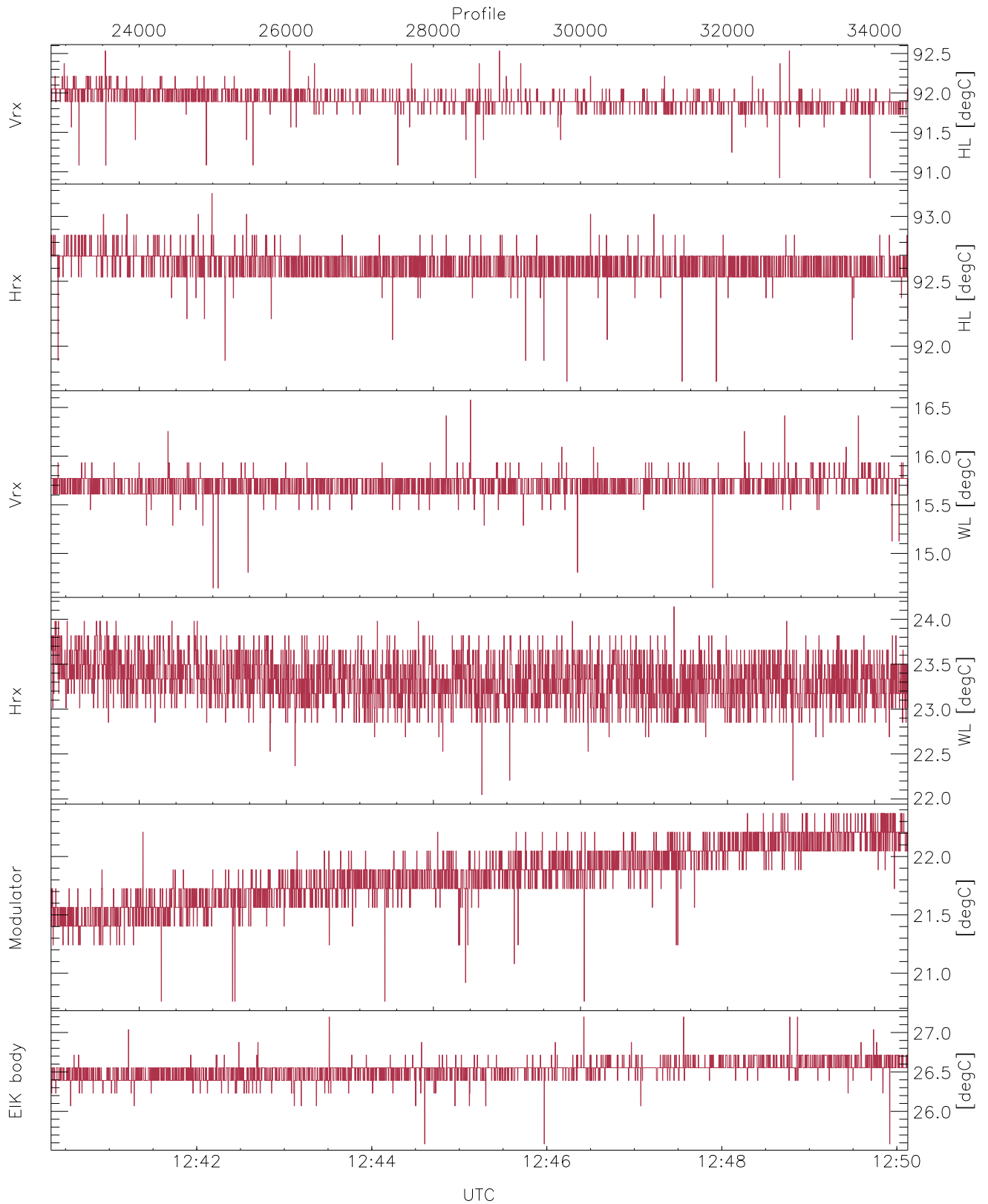


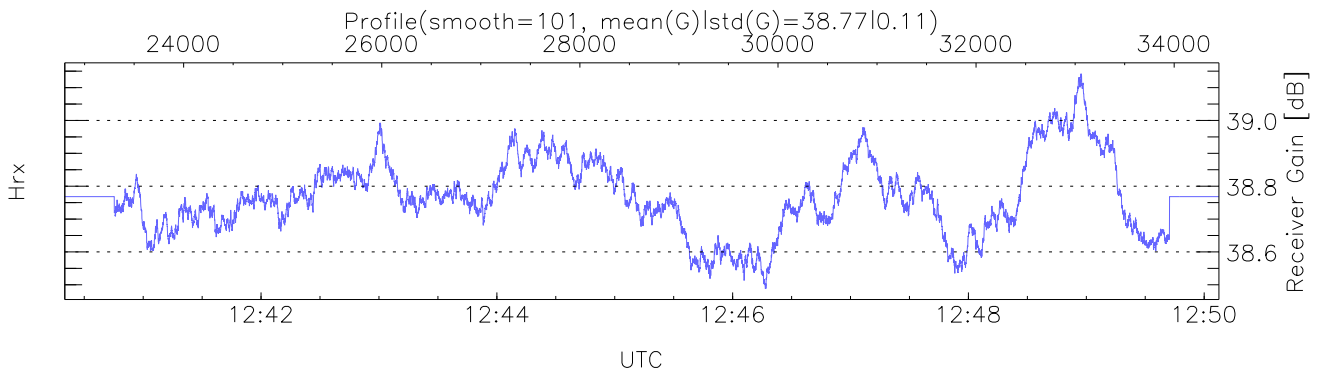
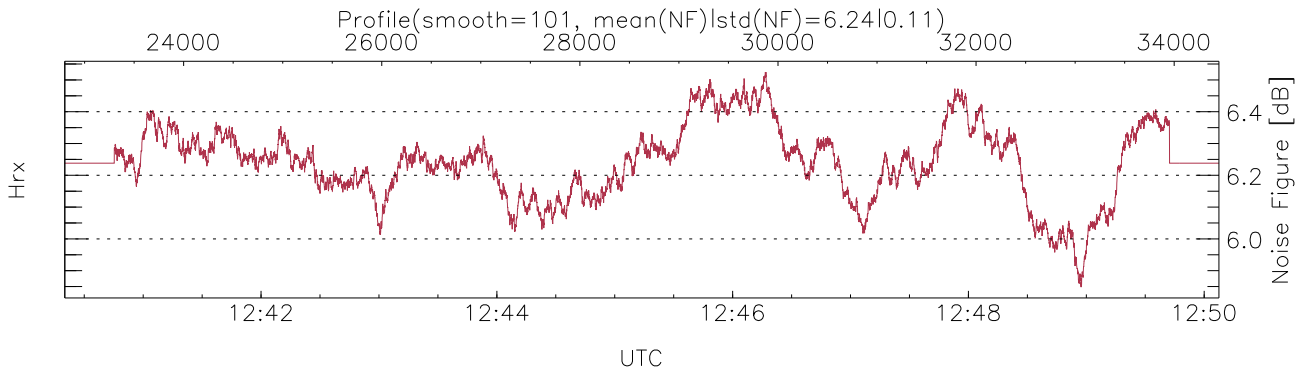
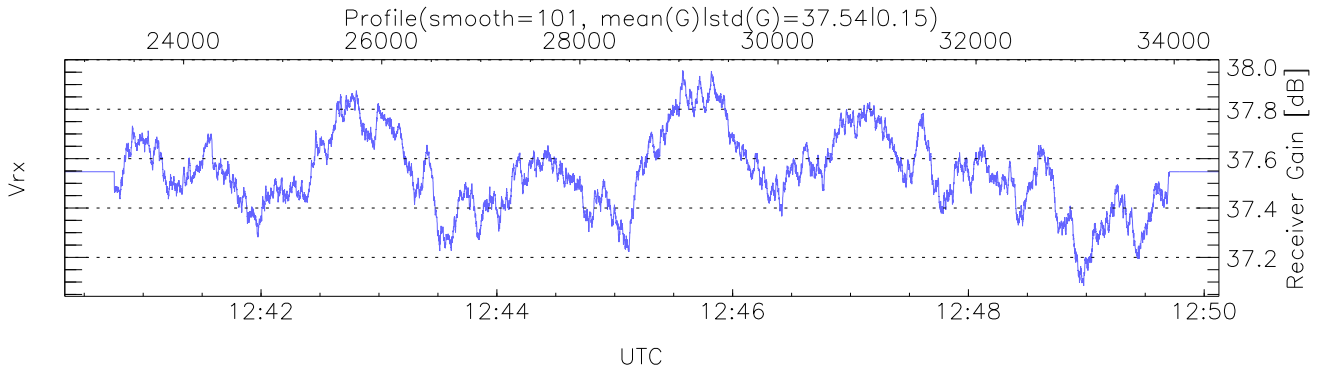
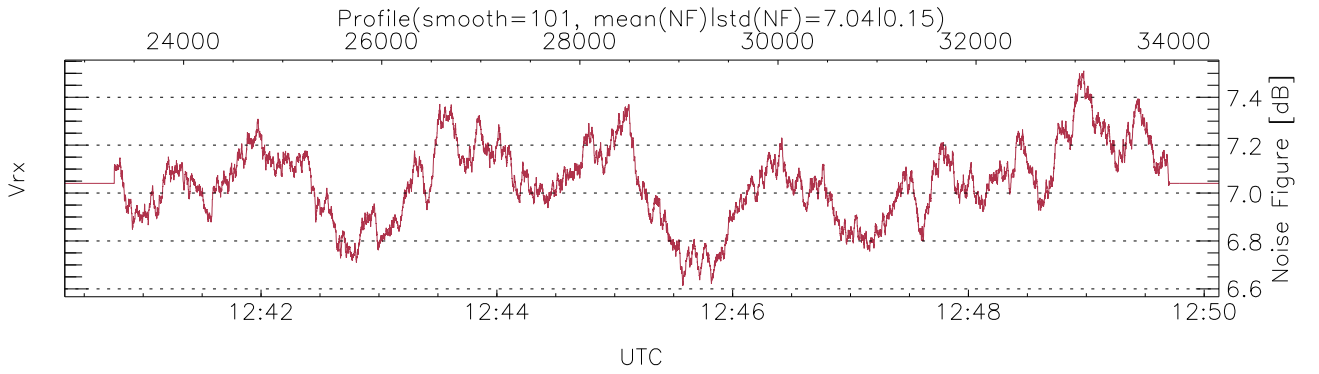
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 12:21:11-12:50:08, Dur: 1736.82s
 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): 11653/34453, 22800-34452/12:40:20-12:50:08
 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



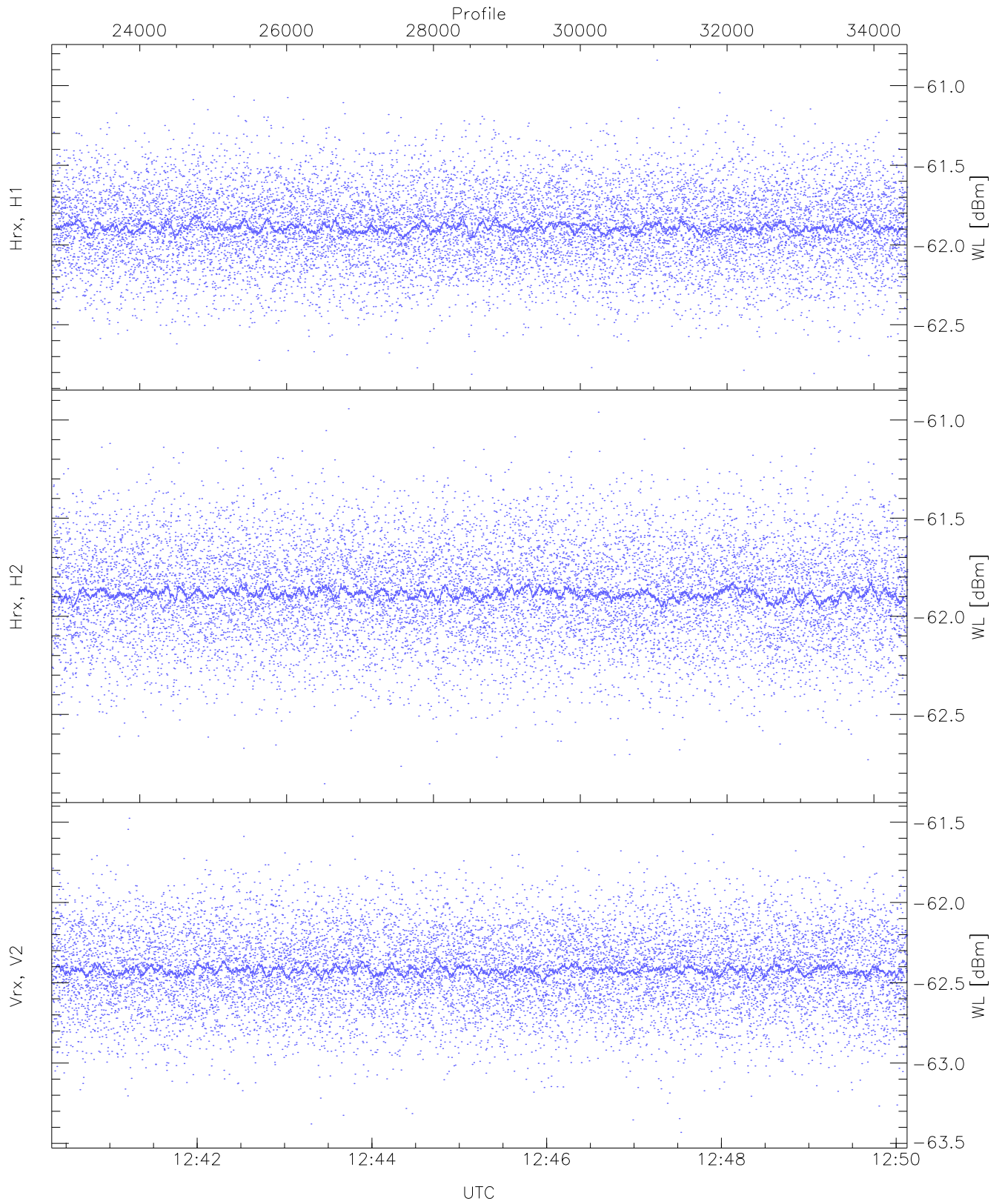
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,14,22,20,25`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,24,22,27`
`LOalarm(20,80,240,2.8,14.8 MHz): None`
`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty (5,5,5,5,5)`



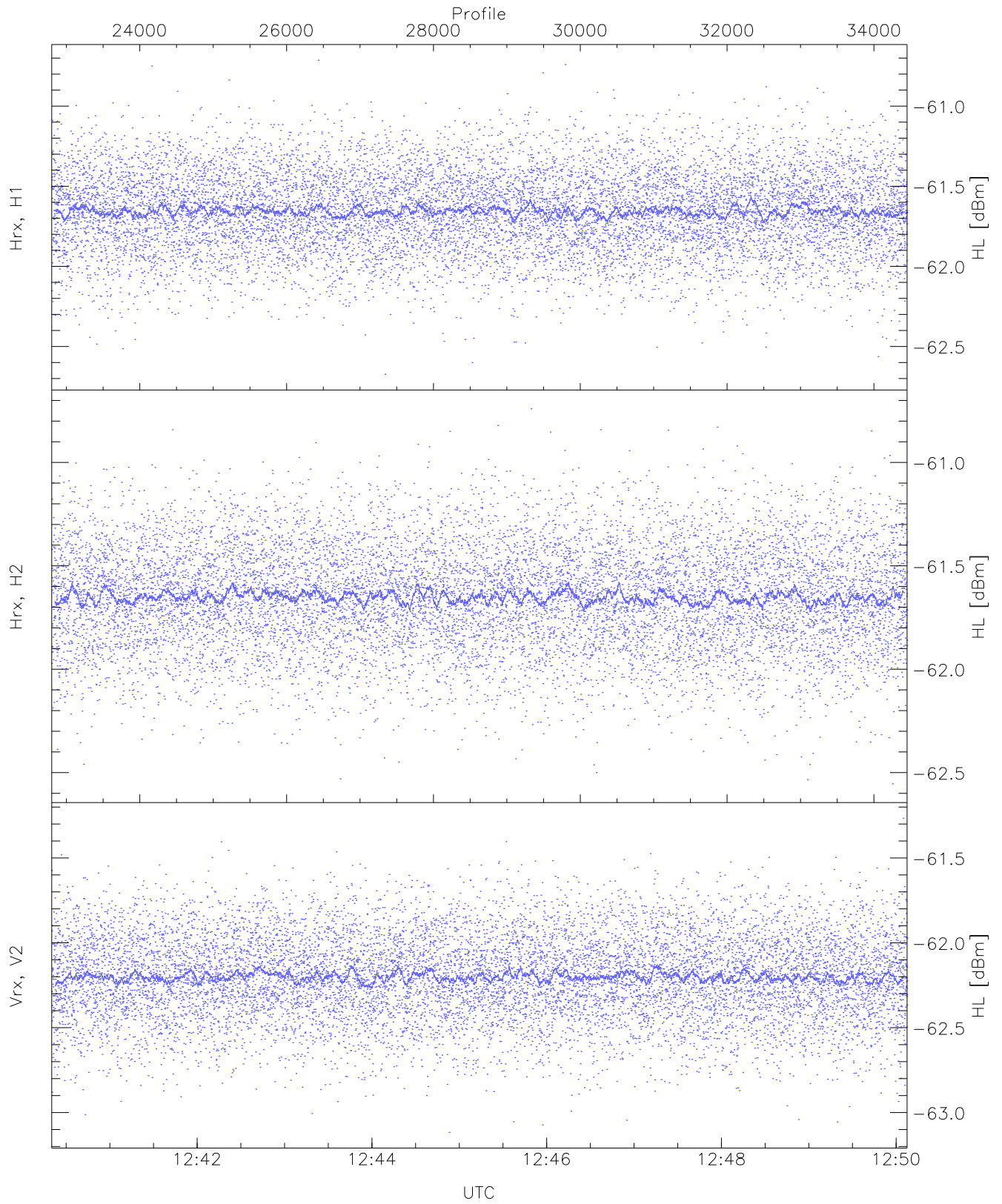
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 17349 pixs, 16 gates, 11653 profs, 2 prods



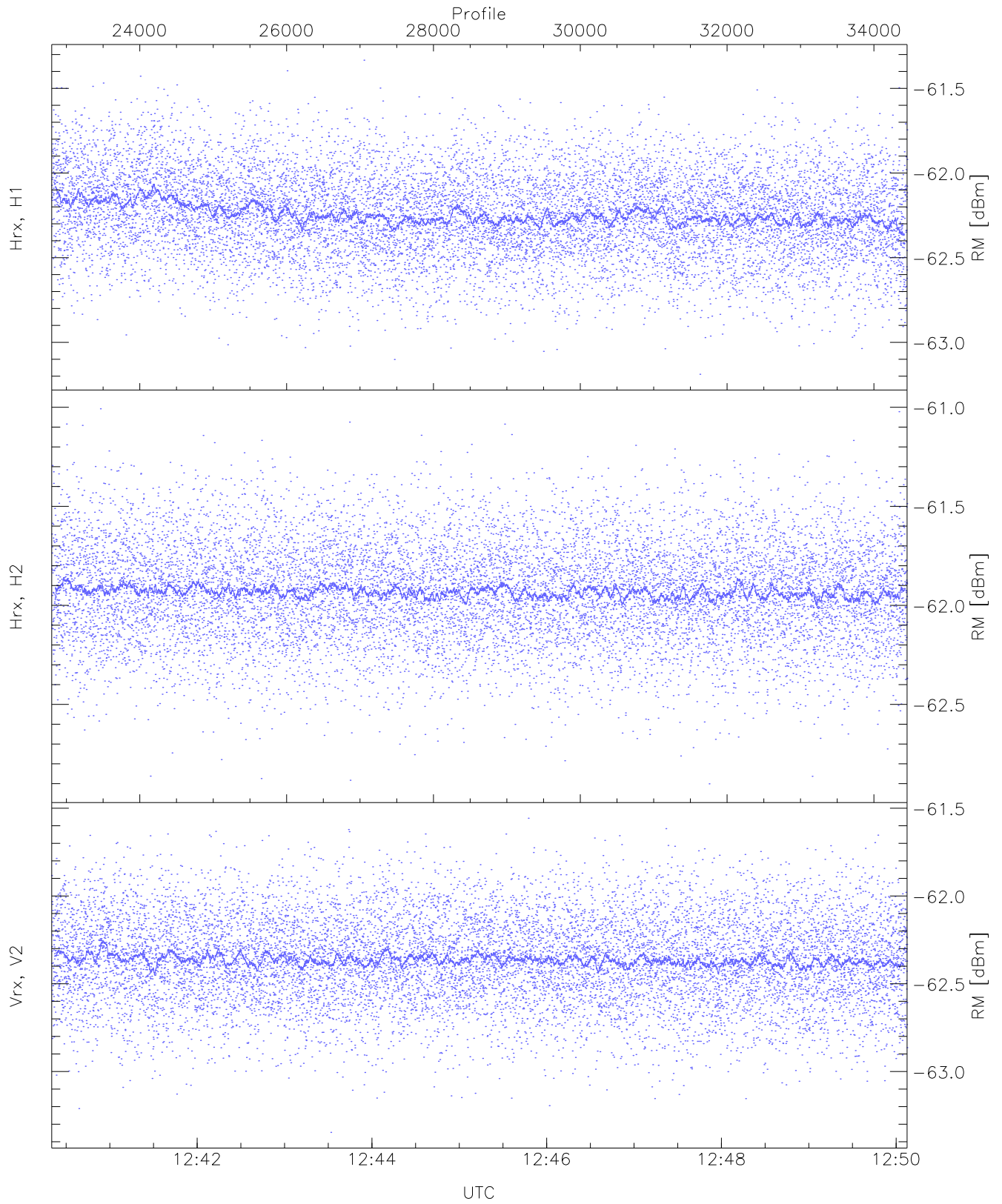
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.81	-60.84	-61.89	-61.89	-74.47
Hrx, H2 (WL [dBm])	-62.85	-60.94	-61.88	-61.89	-74.47
Vrx, V2 (WL [dBm])	-63.43	-61.48	-62.42	-62.42	-74.94



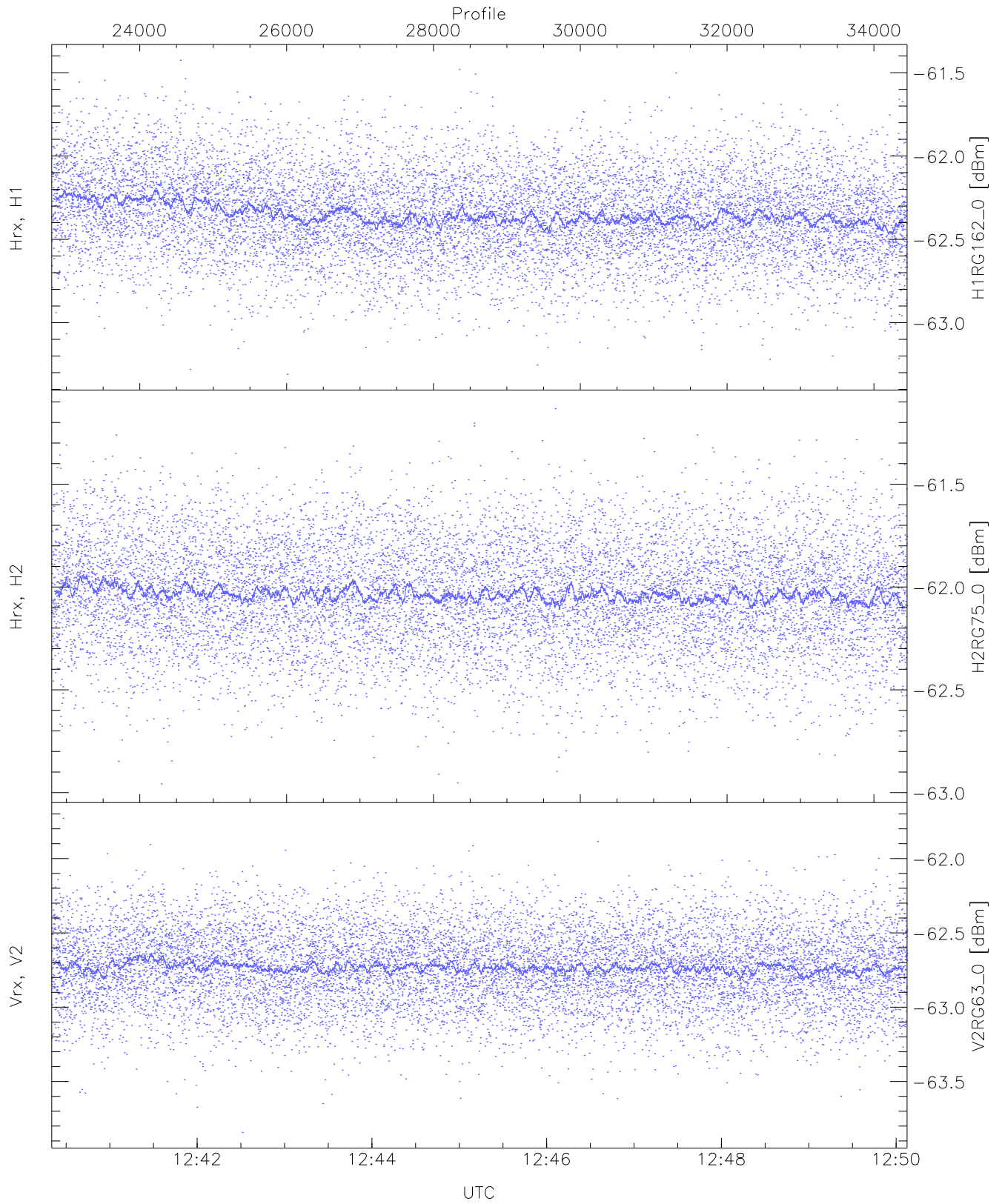
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.67	-60.71	-61.65	-61.66	-74.17
Hrx, H2 (HL [dBm])	-62.55	-60.74	-61.65	-61.65	-74.22
Vrx, V2 (HL [dBm])	-63.12	-61.27	-62.20	-62.20	-74.77



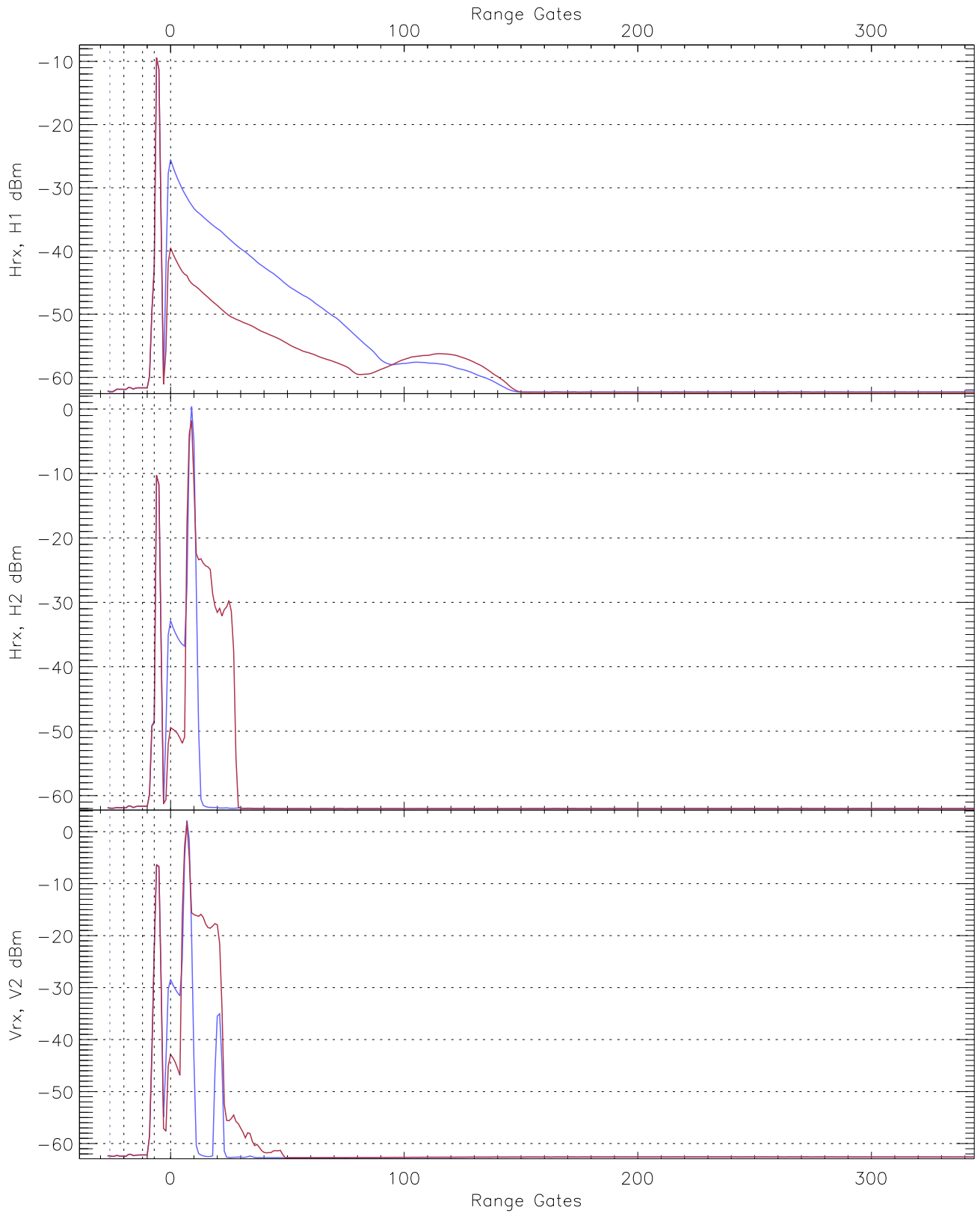
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.19	-61.33	-62.24	-62.24	-74.73
Hrx, H2 (RM [dBm])	-62.90	-61.01	-61.93	-61.93	-74.46
Vrx, V2 (RM [dBm])	-63.35	-61.56	-62.36	-62.36	-74.91

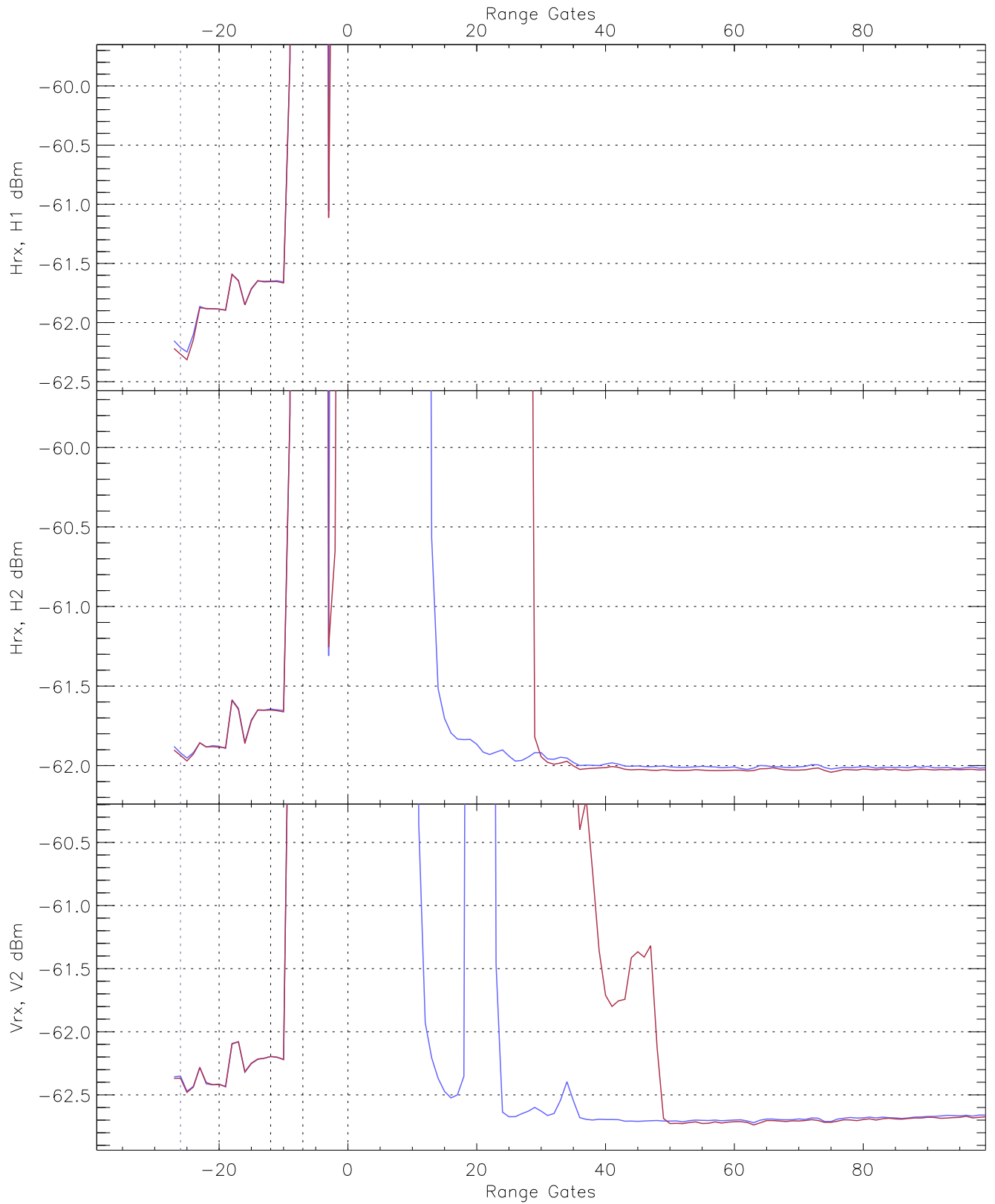


WCR2 CPP "Best" estimate Receivers Noise Power

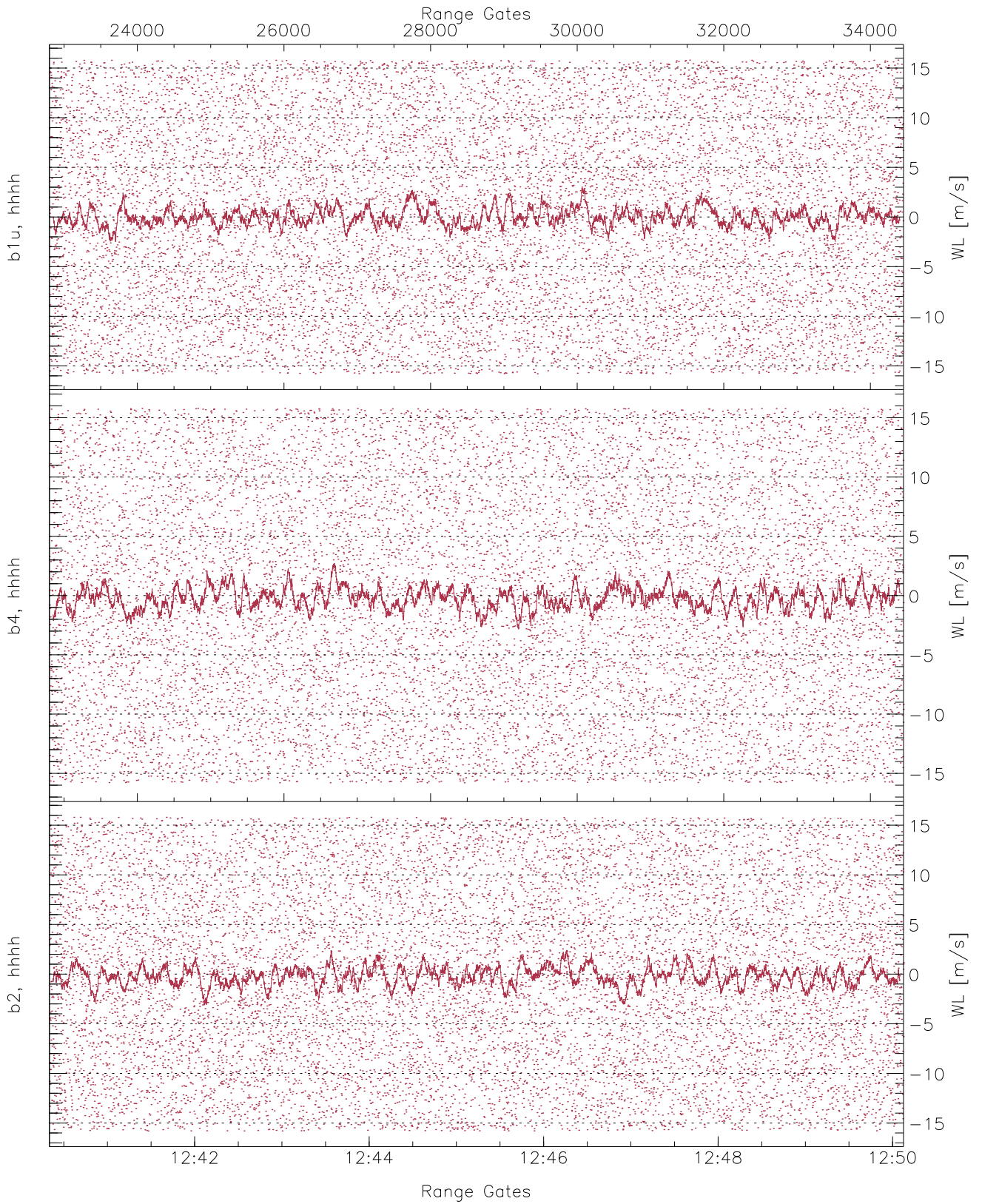
	Min	Max	Mean	Median	StDev
H1RG162_0 [dBm]	-63.31	-61.43	-62.35	-62.35	-74.81
H2RG75_0 [dBm]	-62.96	-61.13	-62.03	-62.04	-74.56
V2RG63_0 [dBm]	-63.84	-61.73	-62.73	-62.73	-75.28



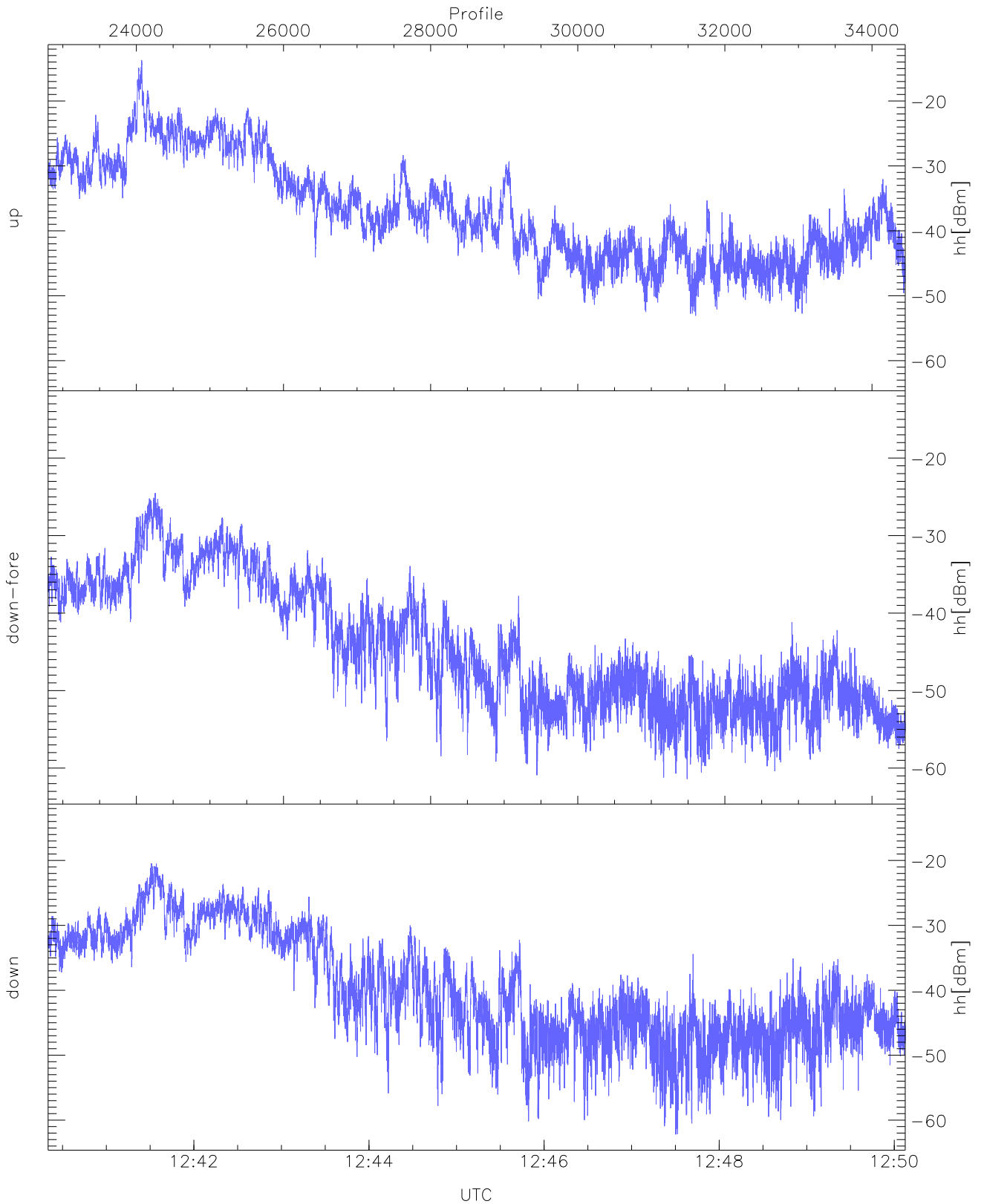
WCR2 CPP Averaged Received power for all recorded gates
blue: 124020-124514, 5827 profiles averaged
red: 124514-125008, 5827 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 124020-124514, 5827 profiles averaged
red: 124514-125008, 5827 profiles averaged

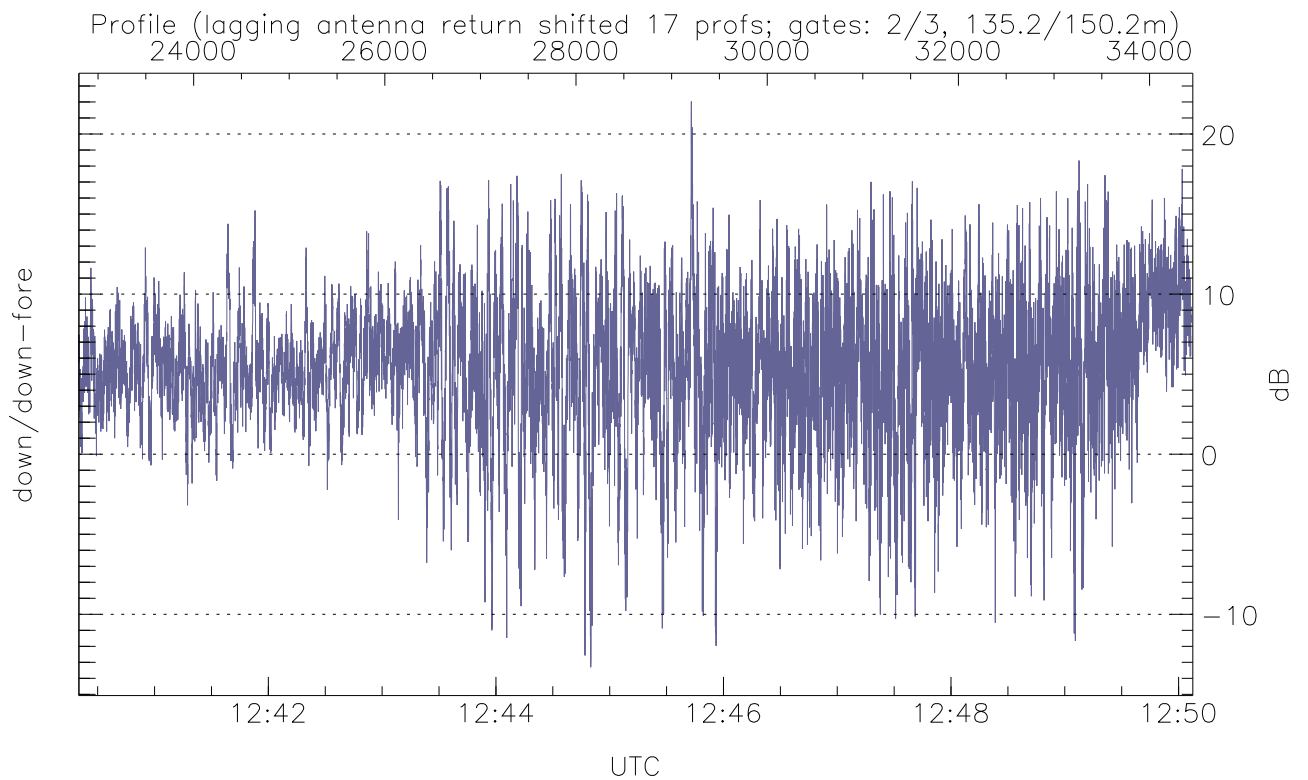
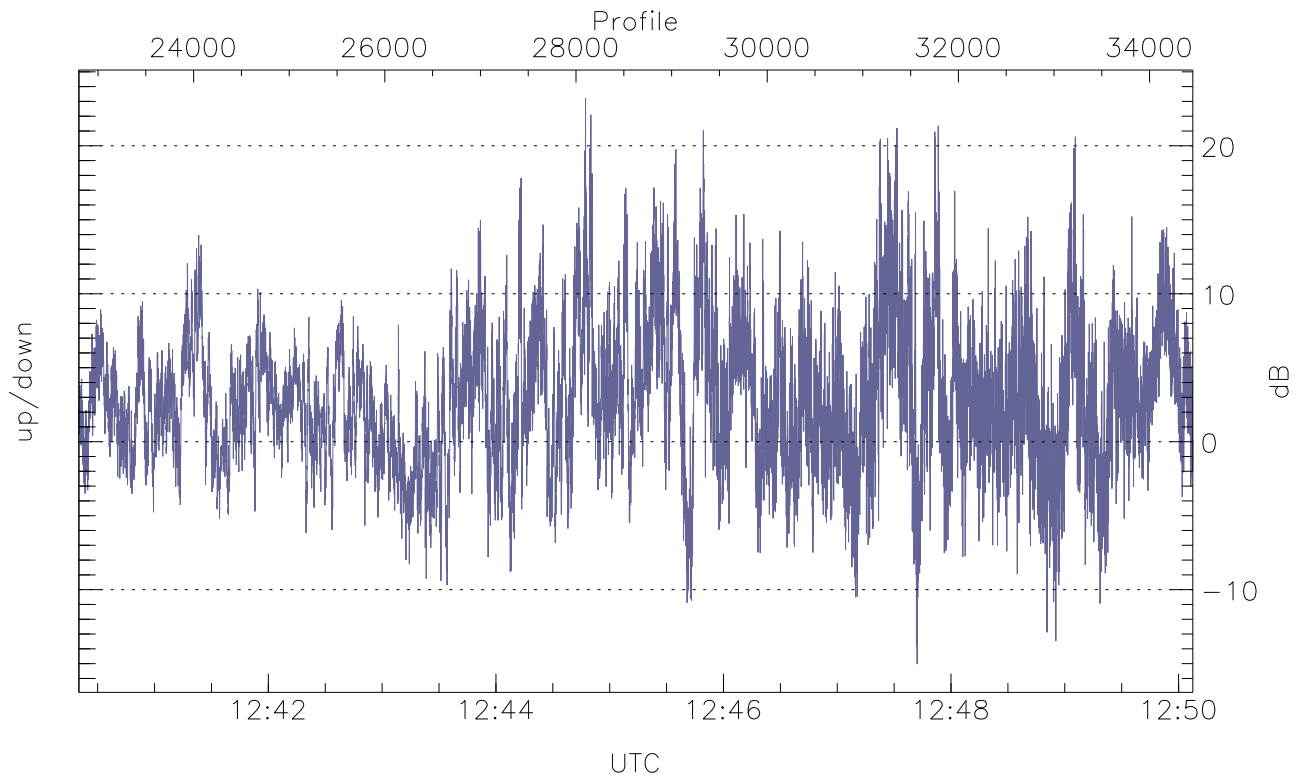


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



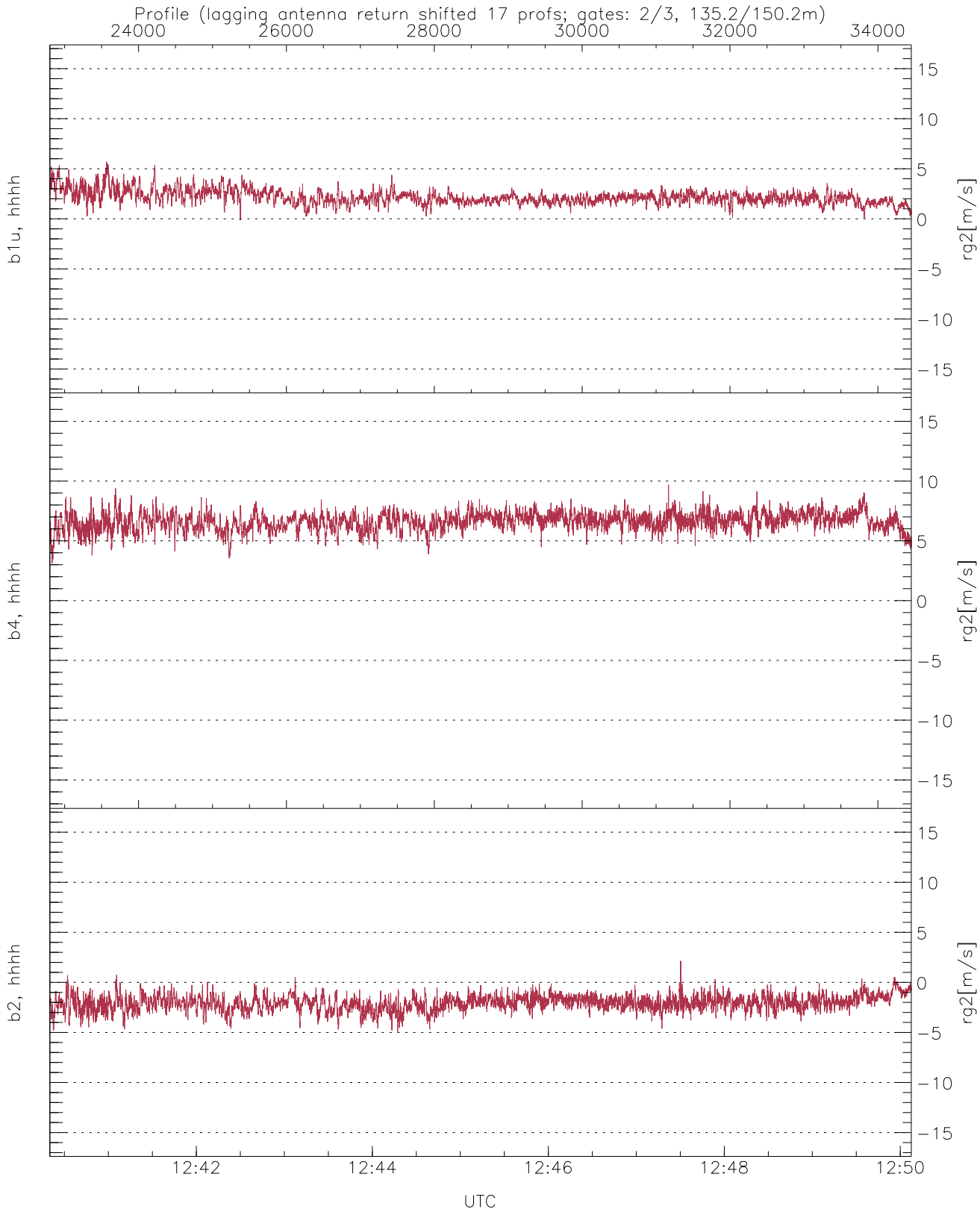
WCR2 CPP Received Power Products for Range gate 2 (135.2 m)

	Min	Max	Mean
up(hh[dBm])	-53.08	-13.73	-30.47
down-fore(hh[dBm])	-61.41	-24.51	-37.60
down(hh[dBm])	-62.21	-20.44	-33.11



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 2 (135 m)

	Min	Max	Mean
up/down (dB)	-15.03	23.21	2.88
down/down-fore (dB)	-13.31	22.03	5.37



WCR2 CPP Doppler Velocity Products at 135.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg2[m/s])	-0.15	5.71	2.16	0.70
b4, hhhh(rg2[m/s])	3.13	9.69	6.61	0.73
b2, hhhh(rg2[m/s])	-4.94	2.15	-2.05	0.74