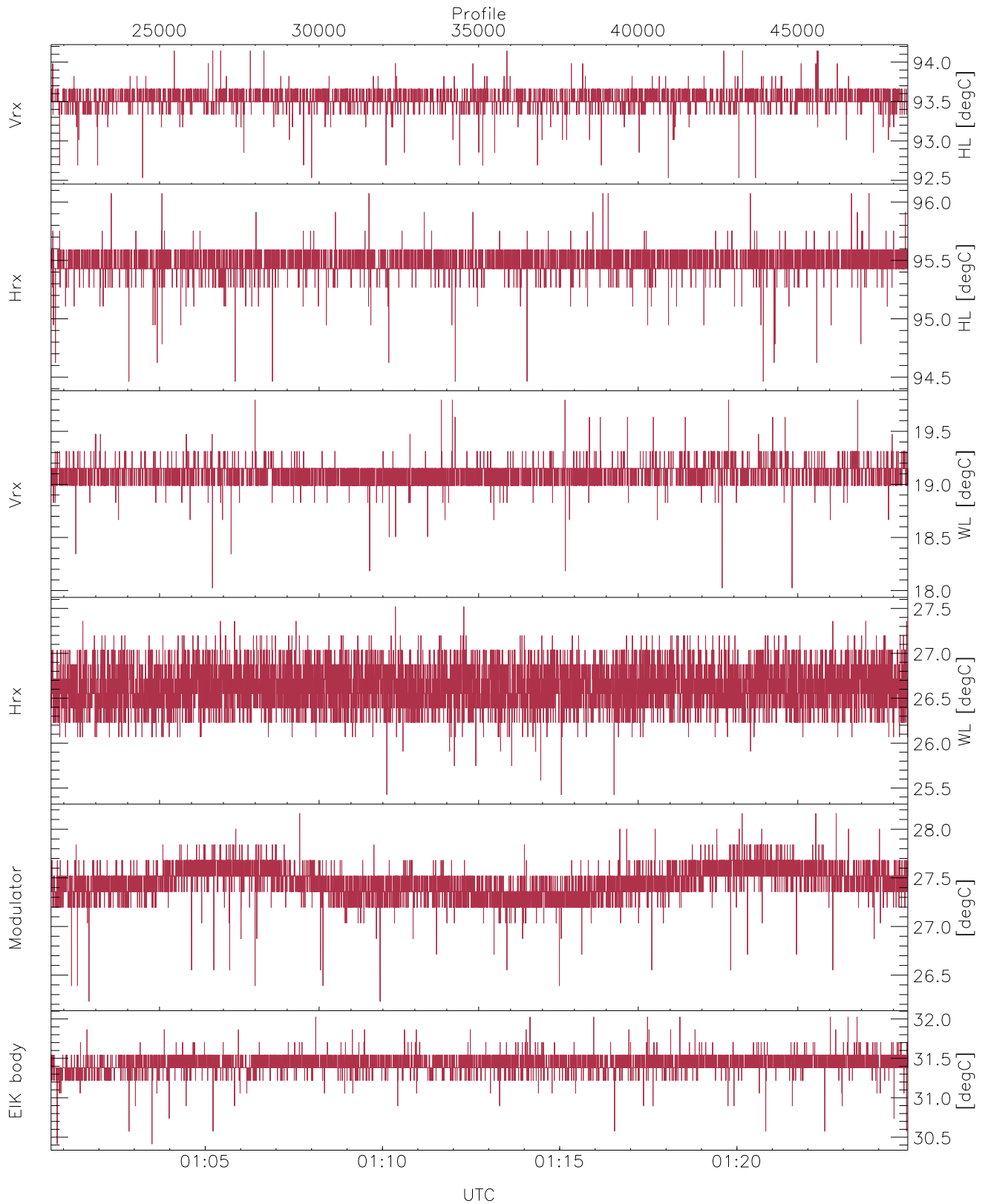


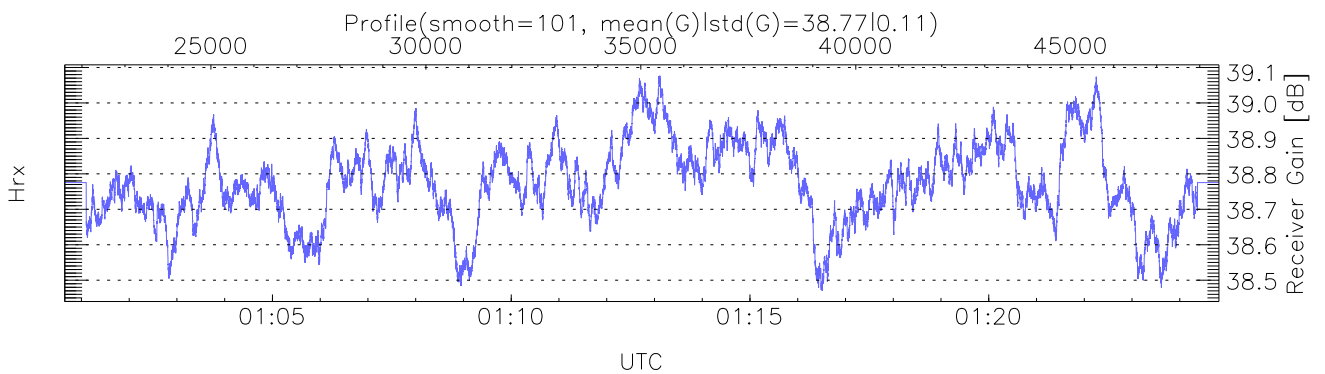
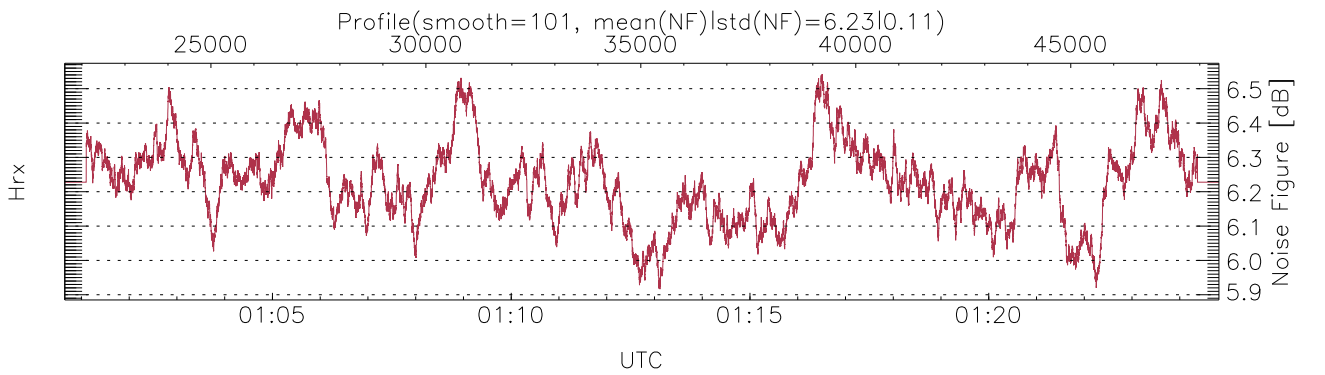
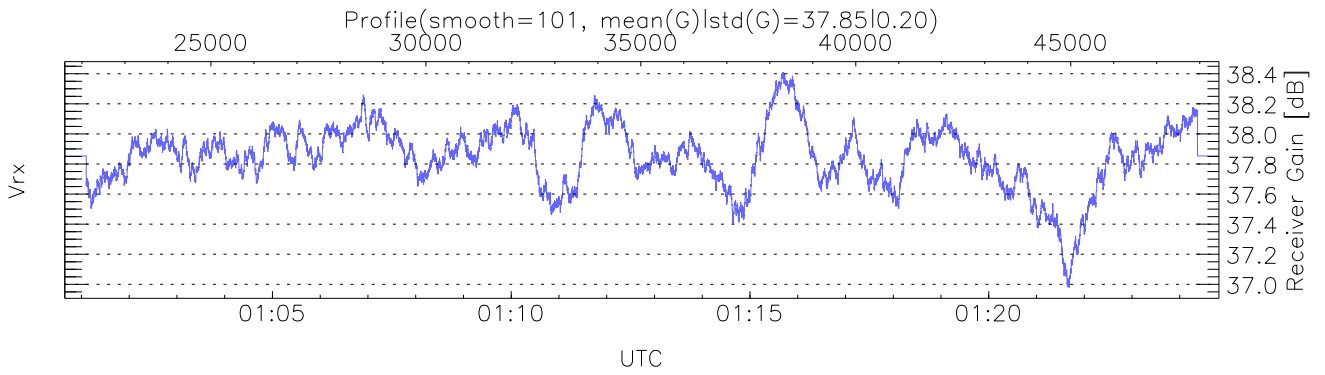
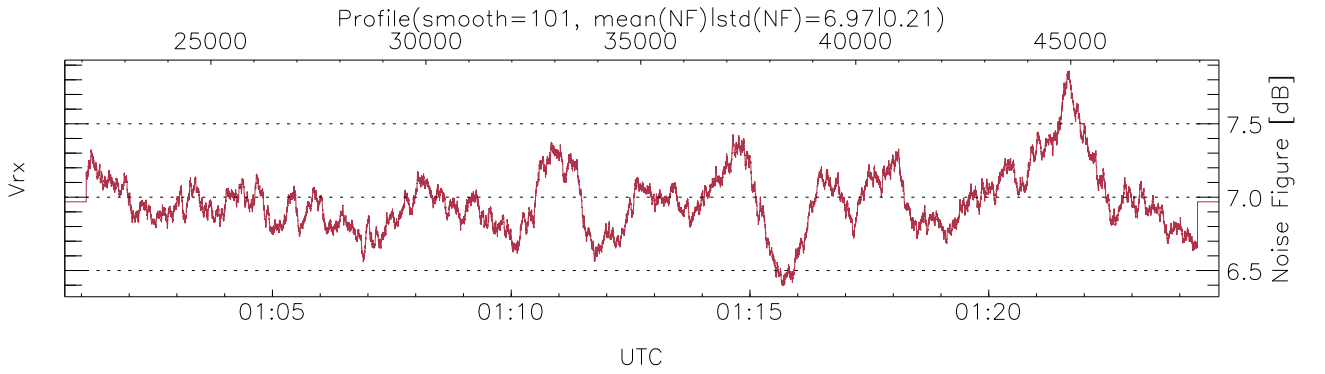
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 00:41:12-01:24:49, Dur: 2616.85s
 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): 26849/48449, 21600-48448/01:00:39-01:24:49
 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



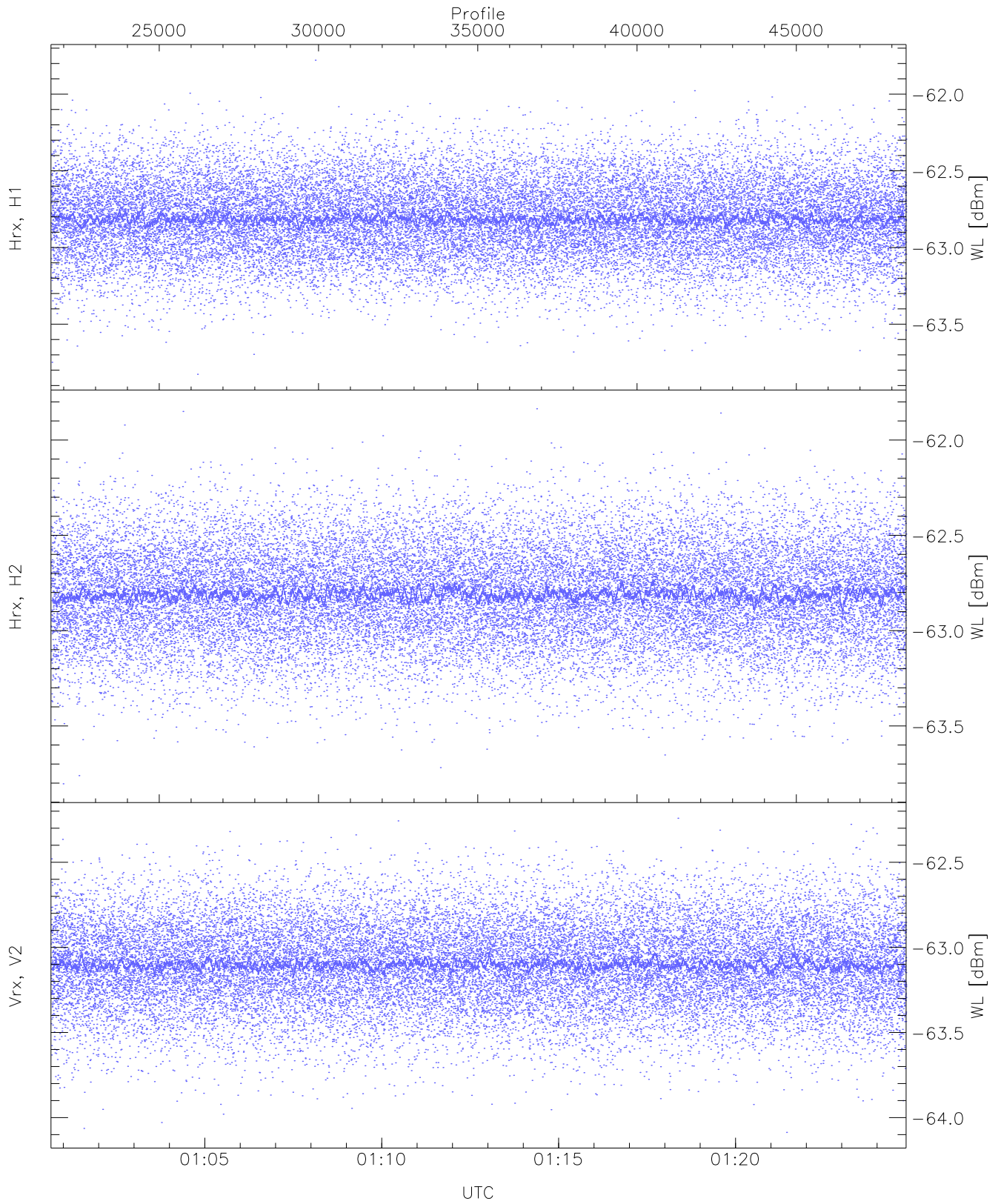
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,18,25,26,30`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,19,27,28,32`
`LOalarm(20,80,240,2.8,14.8 MHz): None`
`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,10,10,5,5)`



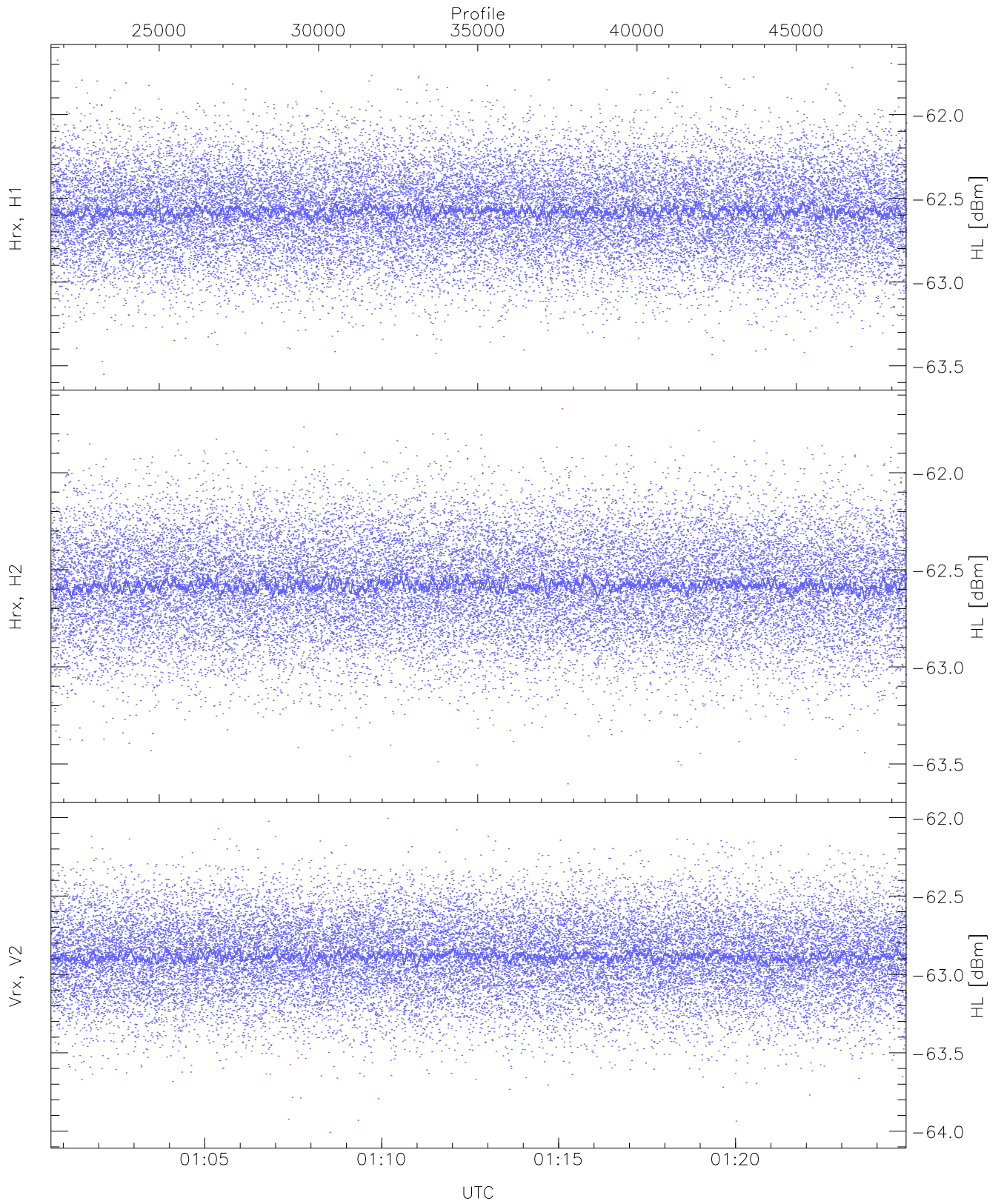
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 2069 pixs, 66 gates, 2045 profs, 2 prods



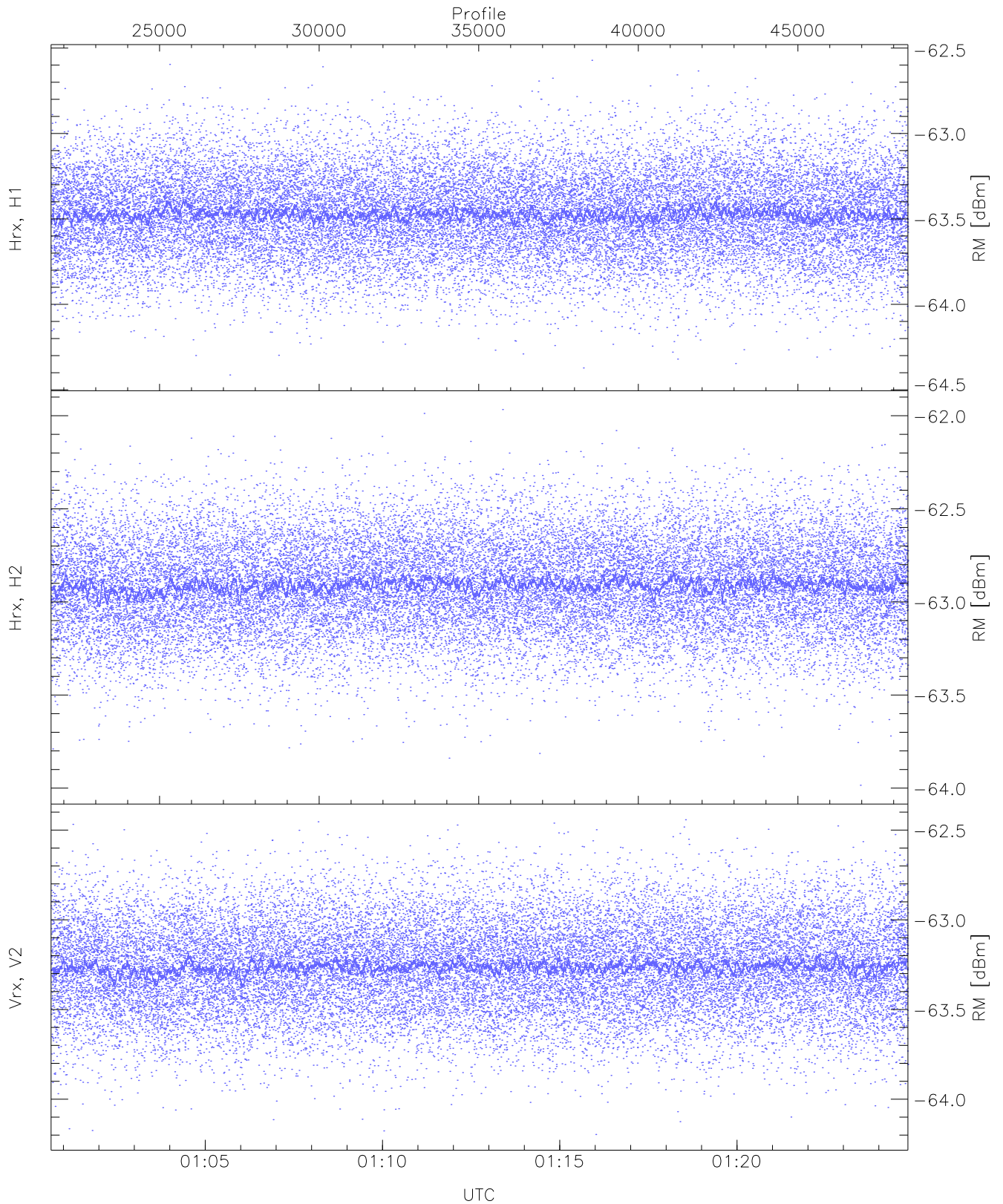
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.83	-61.78	-62.81	-62.82	-75.49
Hrx, H2(WL [dBm])	-63.80	-61.84	-62.81	-62.81	-75.51
Vrx, V2(WL [dBm])	-64.09	-62.24	-63.10	-63.10	-75.79



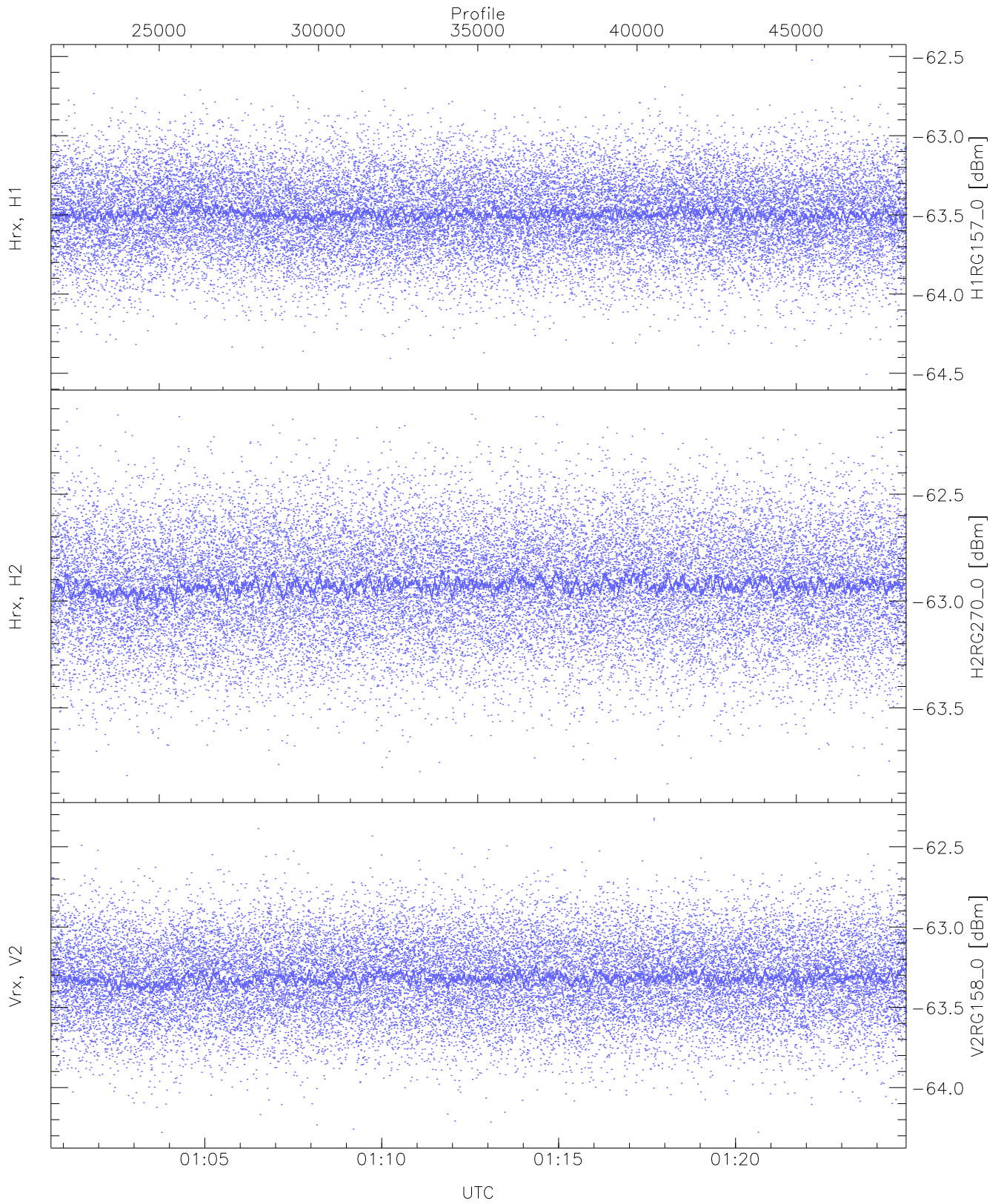
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-63.55	-61.68	-62.58	-62.58	-75.26
Hrx, H2(HL [dBm])	-63.60	-61.67	-62.58	-62.58	-75.30
Vrx, V2(HL [dBm])	-64.01	-62.00	-62.88	-62.89	-75.58



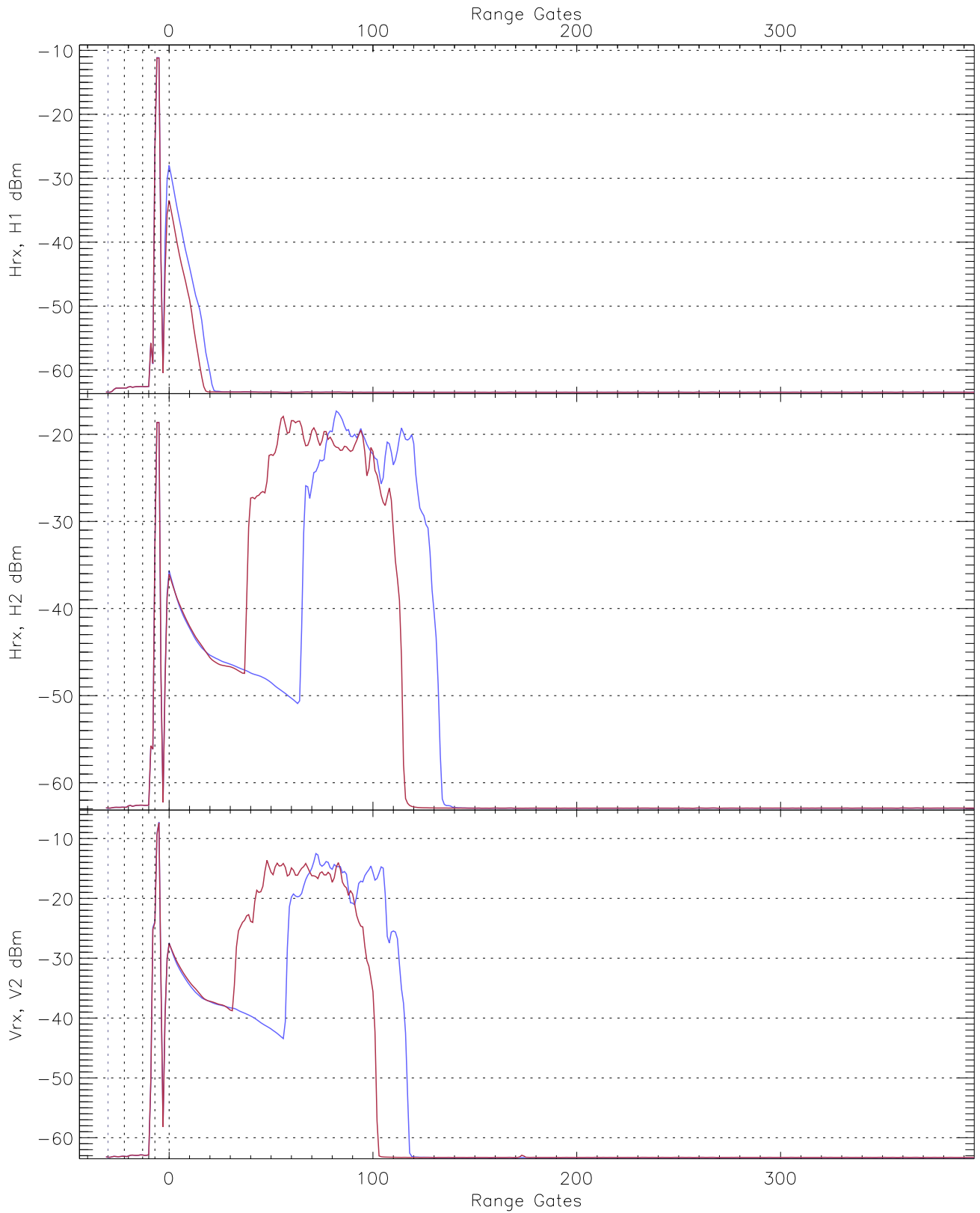
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.41	-62.57	-63.47	-63.47	-76.18
Hrx, H2 (RM [dBm])	-63.98	-61.97	-62.91	-62.91	-75.61
Vrx, V2 (RM [dBm])	-64.20	-62.44	-63.26	-63.27	-75.93

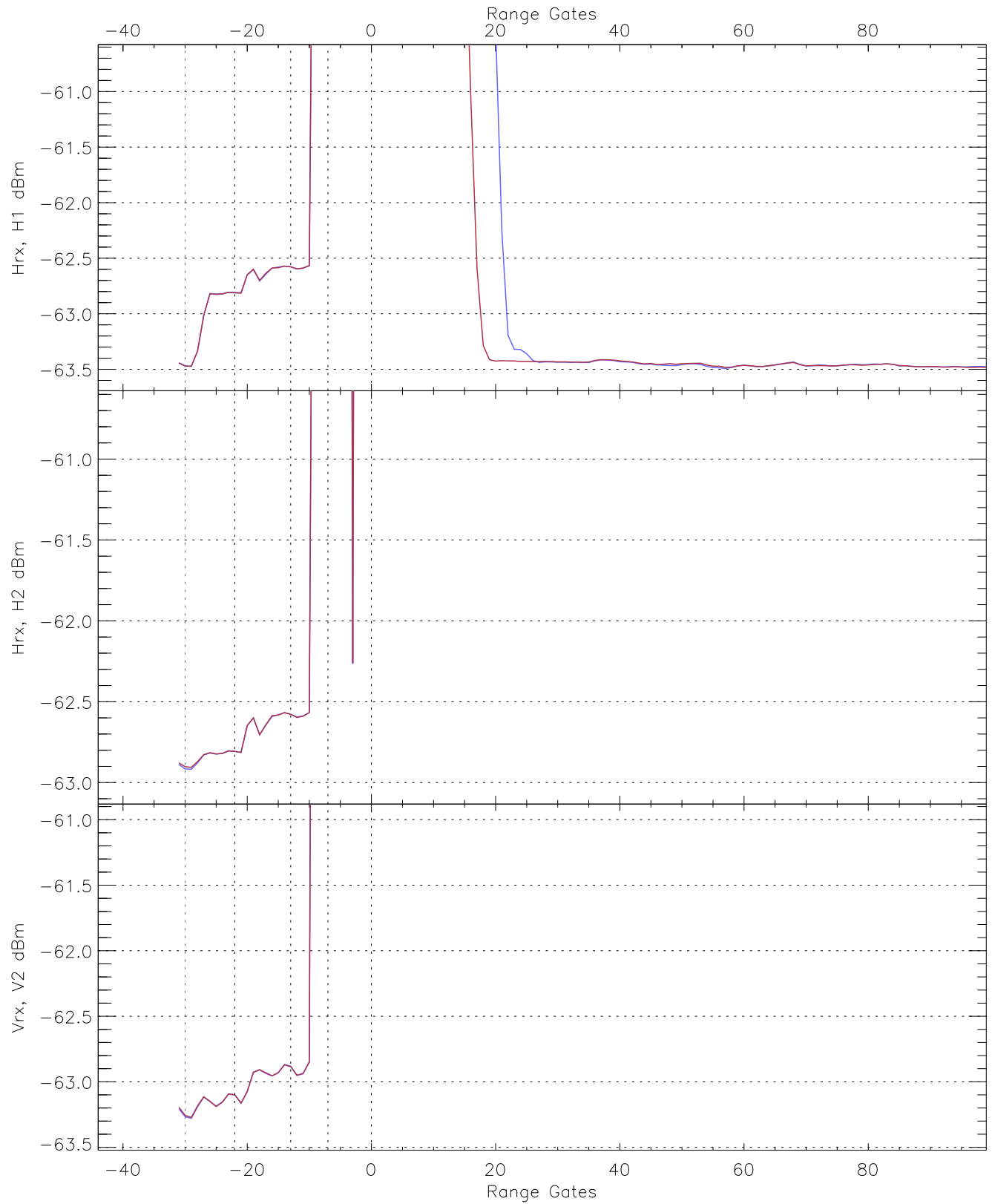


WCR2 CPP "Best" estimate Receivers Noise Power

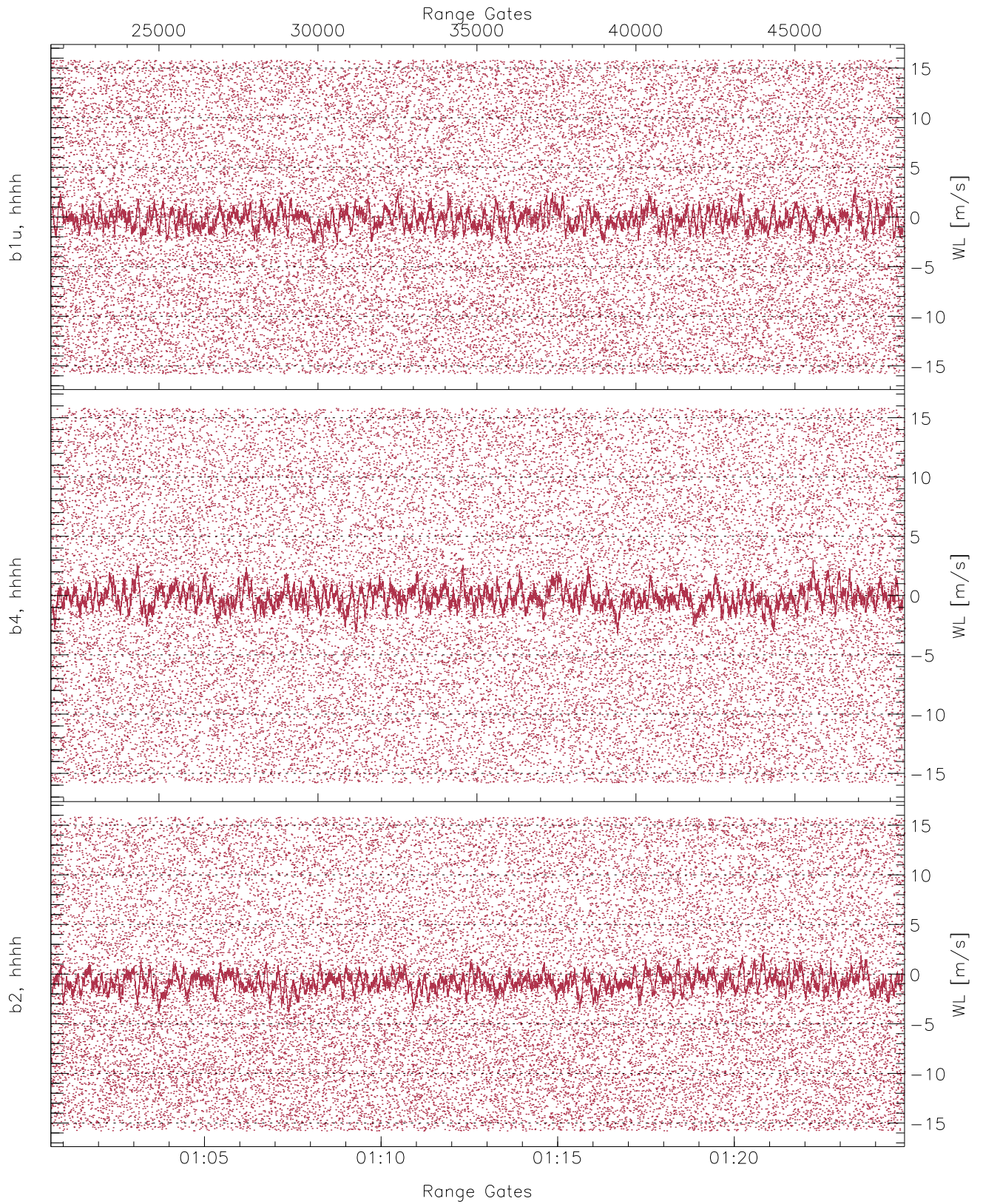
	Min	Max	Mean	Median	StDev
H1RG157_0 [dBm]	-64.51	-62.52	-63.49	-63.50	-76.20
H2RG270_0 [dBm]	-63.86	-62.10	-62.93	-62.93	-75.63
V2RG158_0 [dBm]	-64.28	-62.32	-63.32	-63.32	-75.99



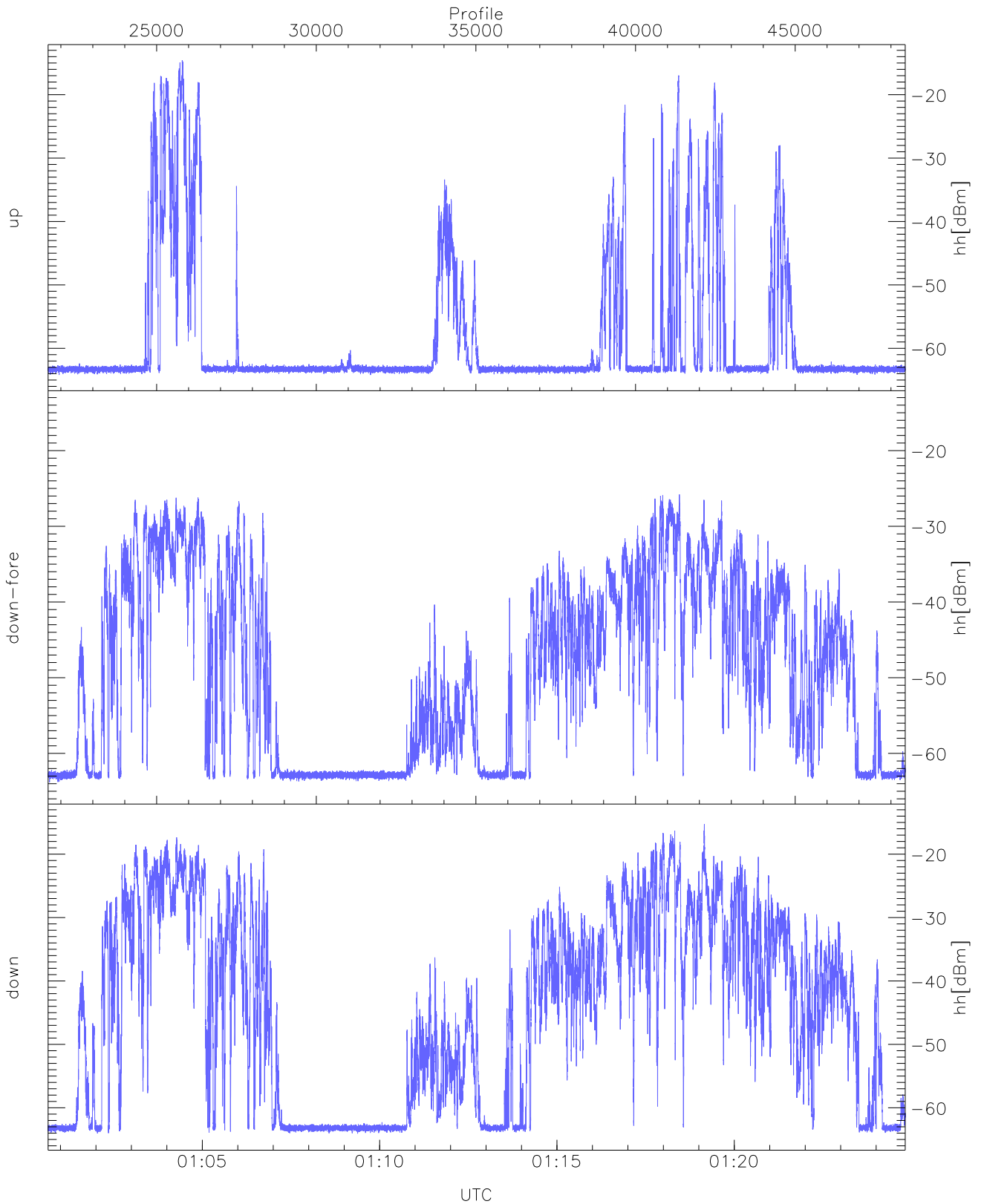
WCR2 CPP Averaged Received power for all recorded gates
blue: 010039-011244, 13425 profiles averaged
red: 011244-012449, 13425 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 010039-011244, 13425 profiles averaged
red: 011244-012449, 13425 profiles averaged

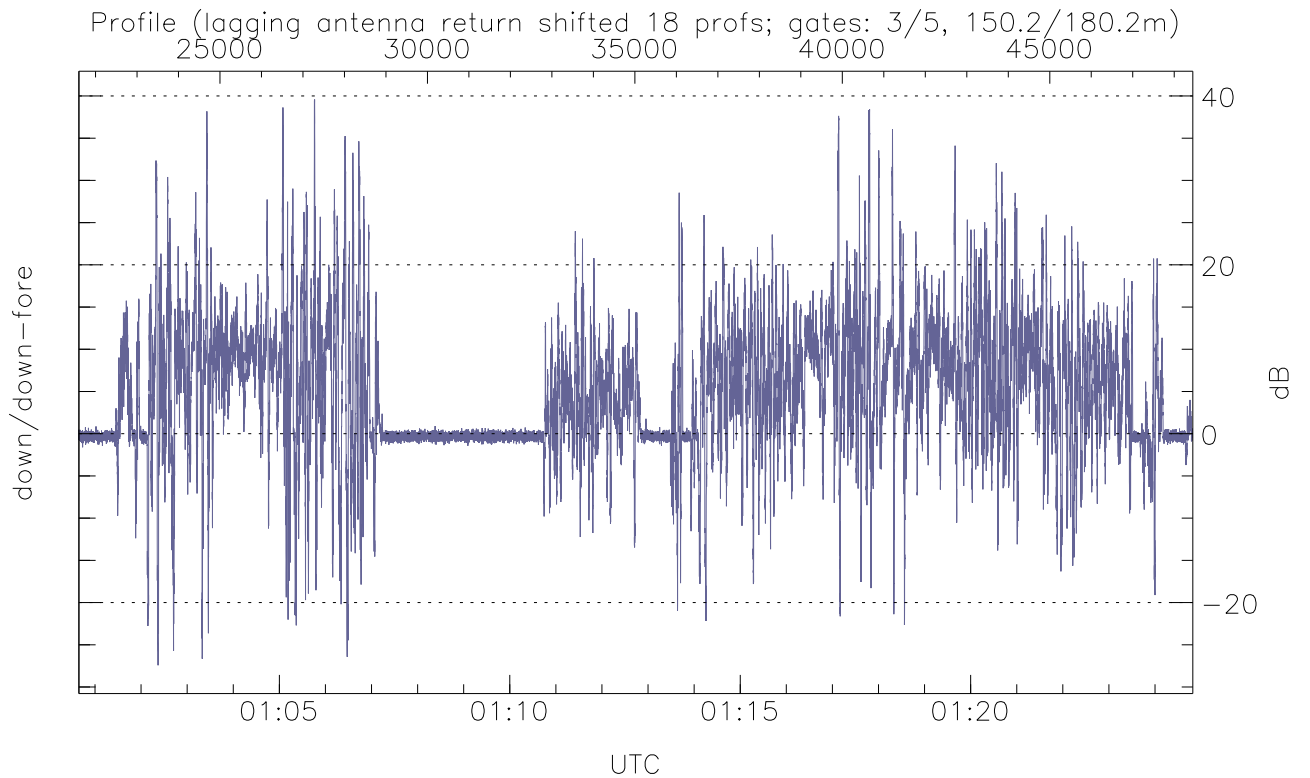
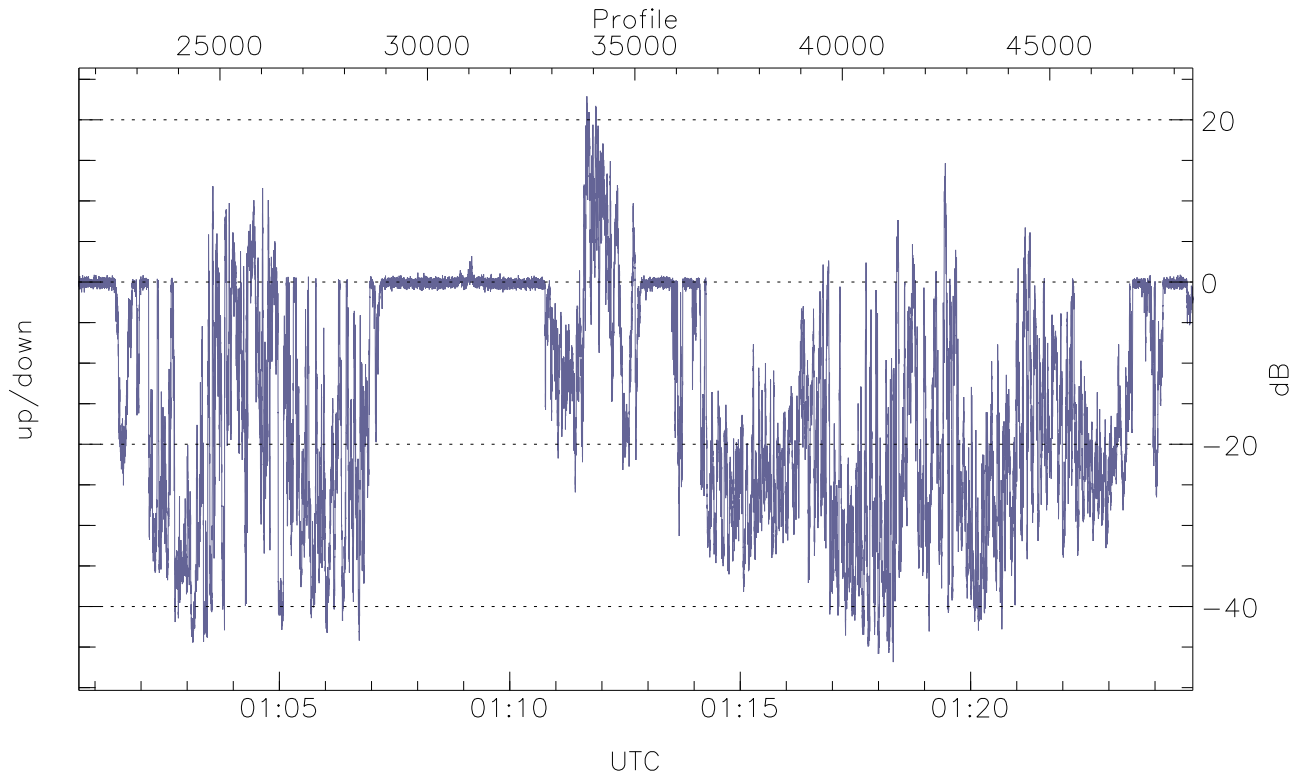


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



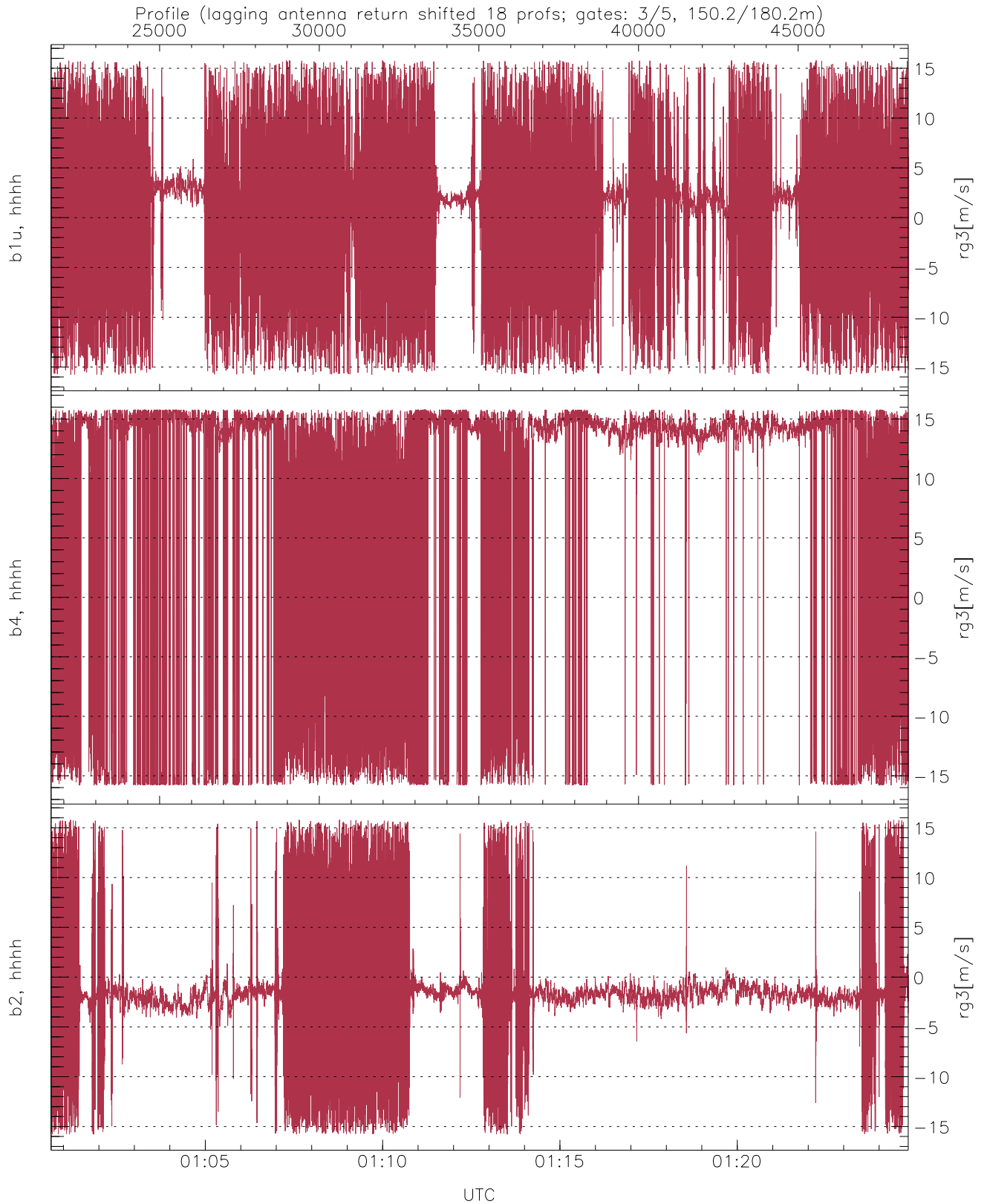
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.21	-14.57	-35.00
down-fore(hh[dBm])	-63.81	-25.78	-38.22
down(hh[dBm])	-64.07	-15.27	-30.15



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

	Min	Max	Mean
up/down (dB)	-46.85	22.90	-13.63
down/down-fore (dB)	-27.42	39.58	4.71



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.79	15.80	0.34	6.13
b4, hhhh(rg3[m/s])	-15.80	15.80	7.28	11.10
b2, hhhh(rg3[m/s])	-15.79	15.80	-1.46	4.68