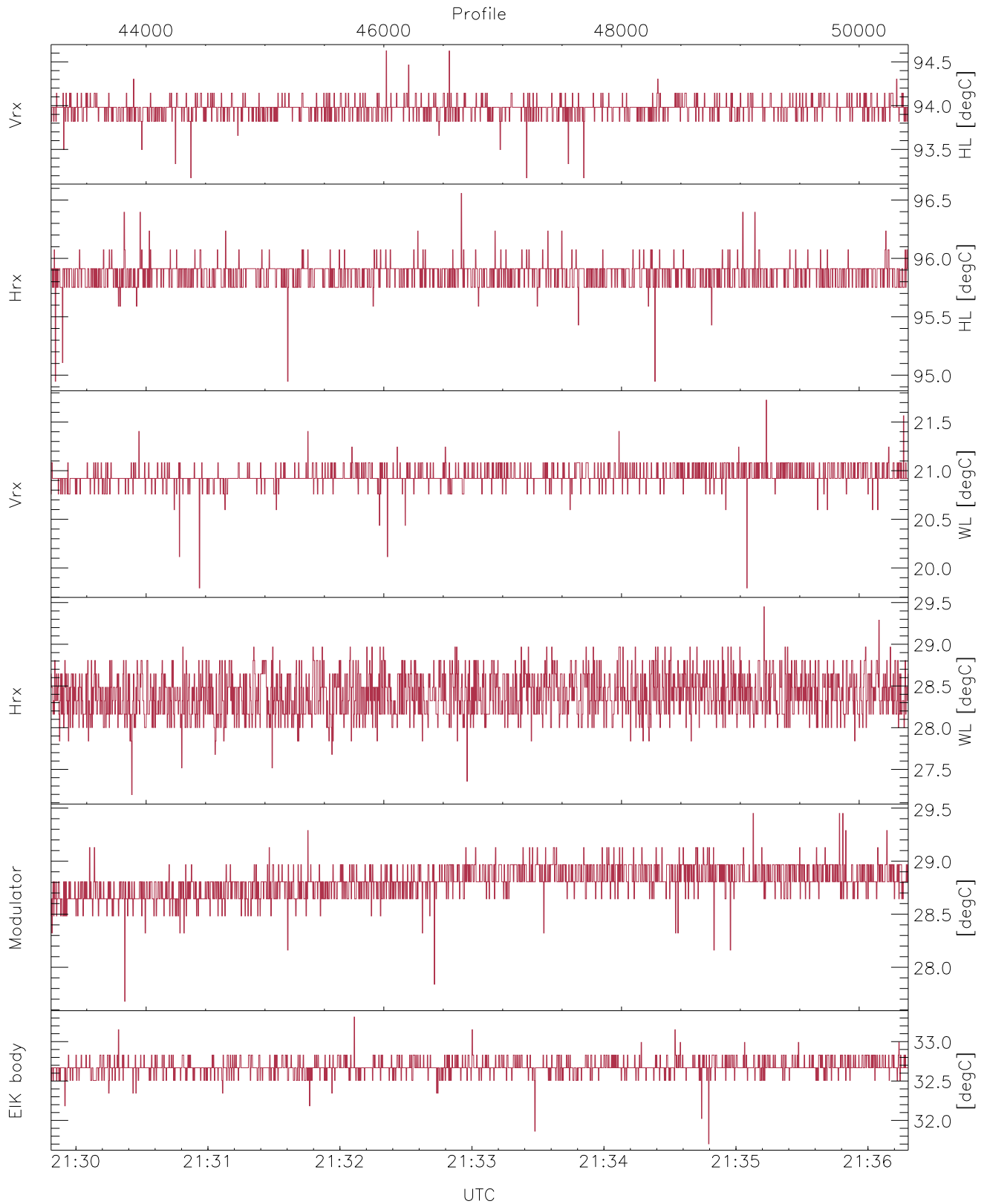


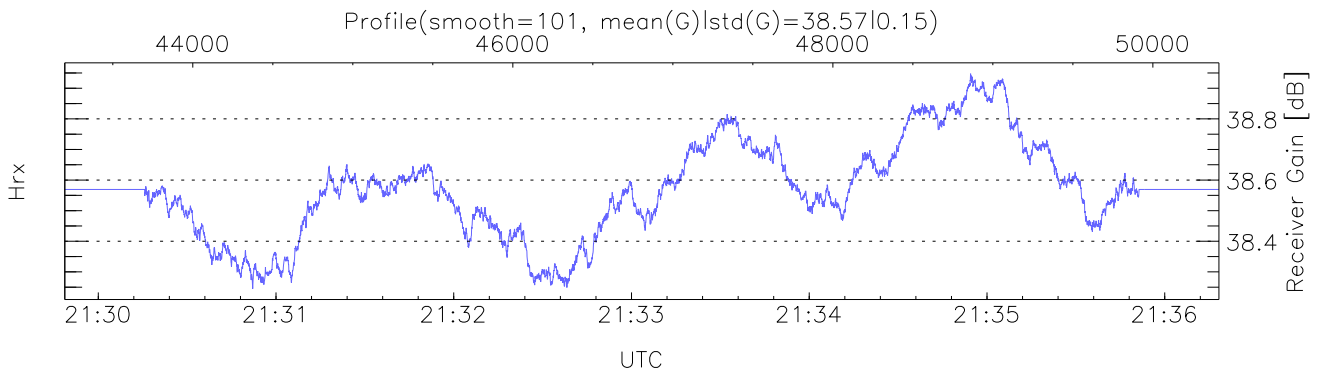
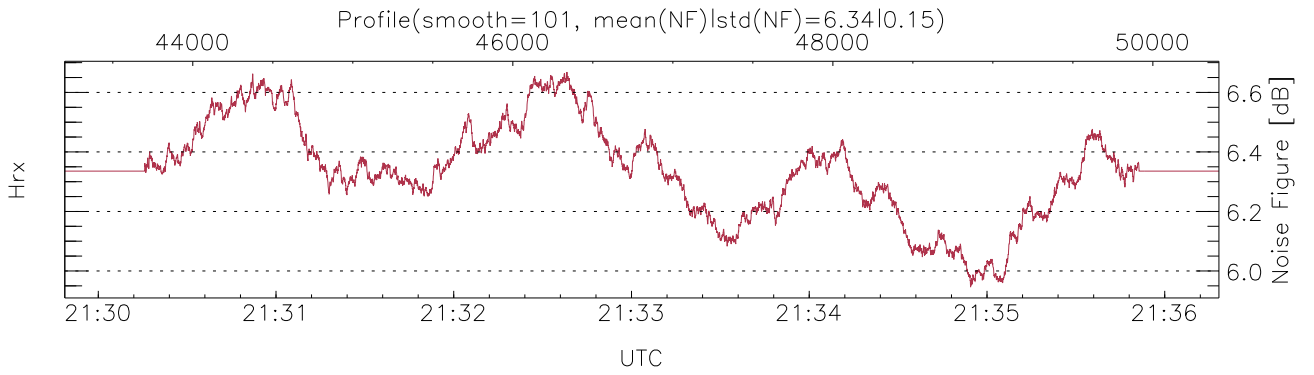
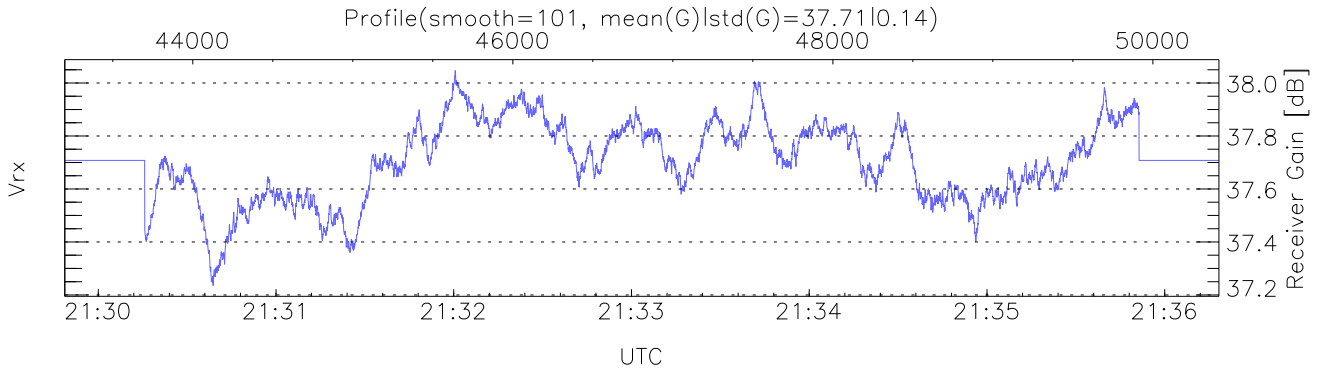
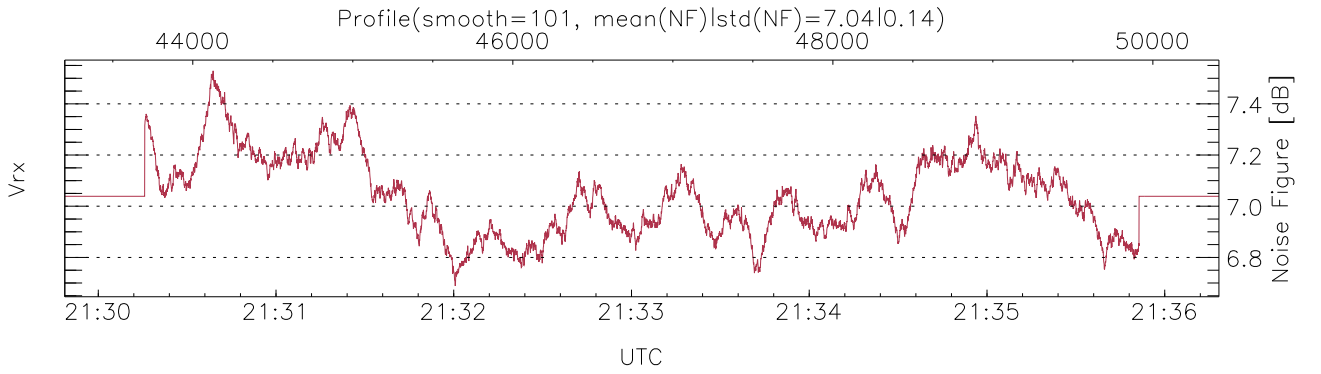
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:50:55-21:36:18, Dur: 2722.98s
 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): 7214/50414, 43200-50413/21:29:49-21:36:18
 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,rqs): 105,6037,15.0 m, Gates: 396, Aspect: 3.1
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



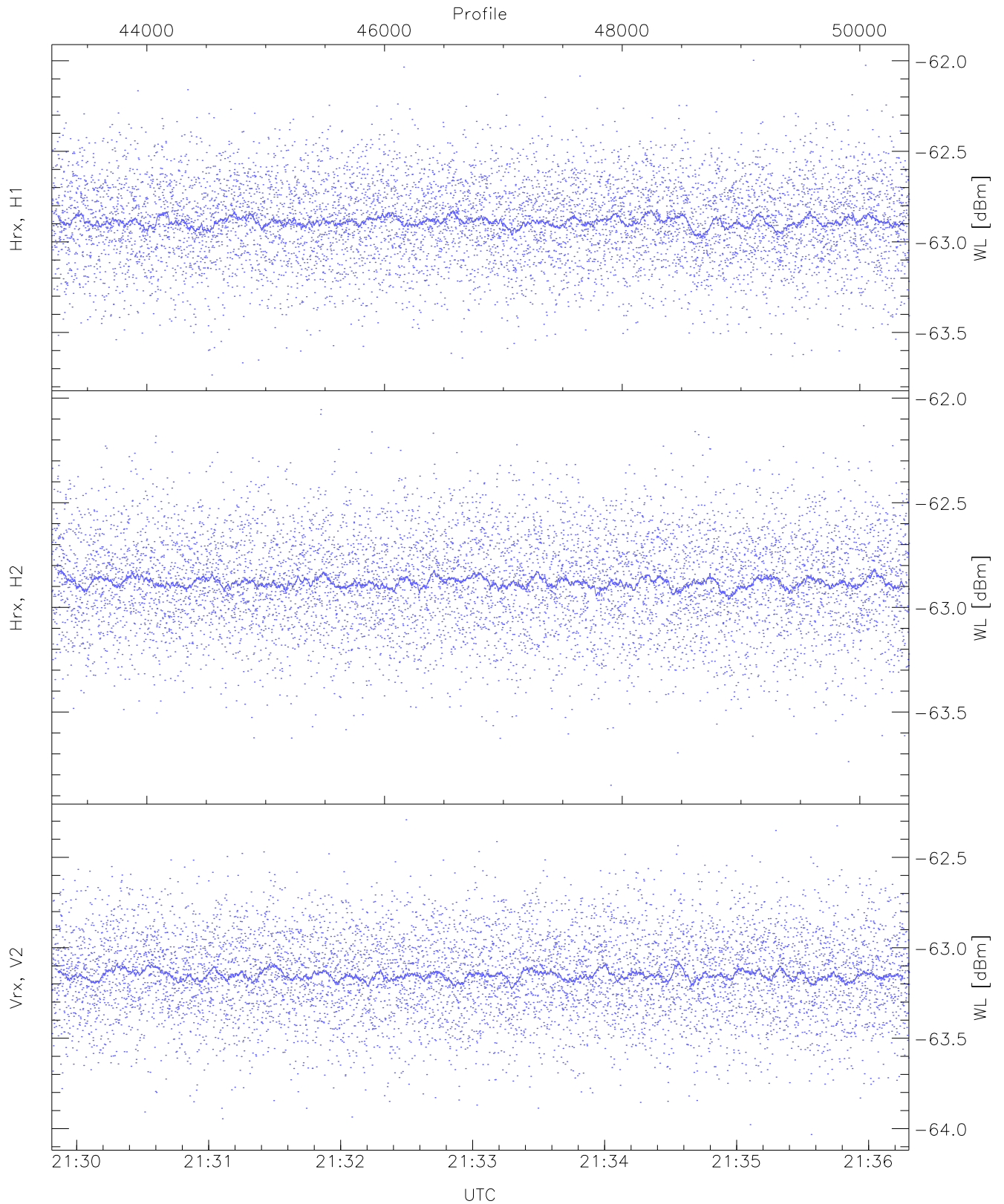
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,19,27,27,31
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,21,29,29,33
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
HVPS (19)



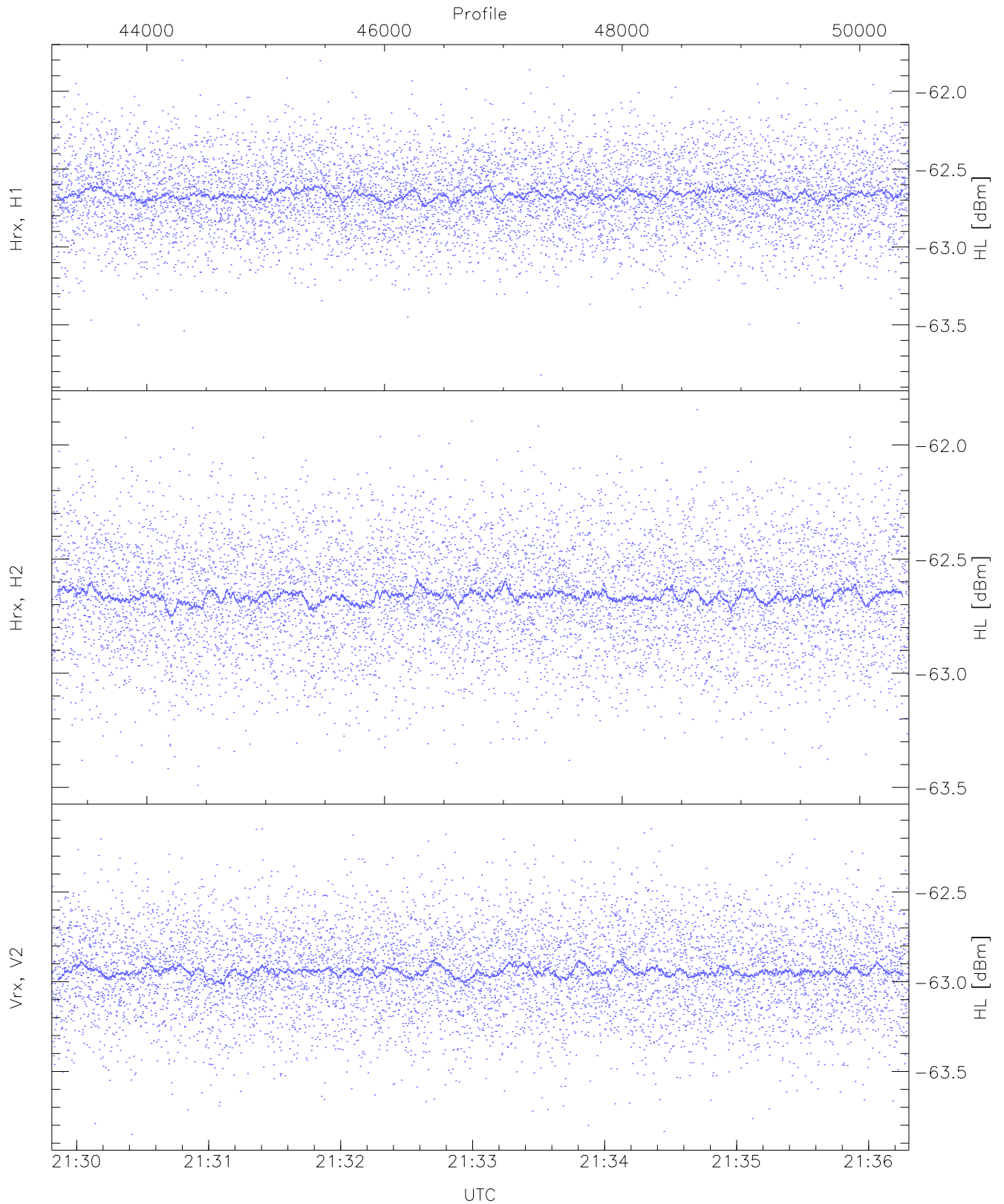
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 477 pixs, 31 gates, 468 profs, 1 prods



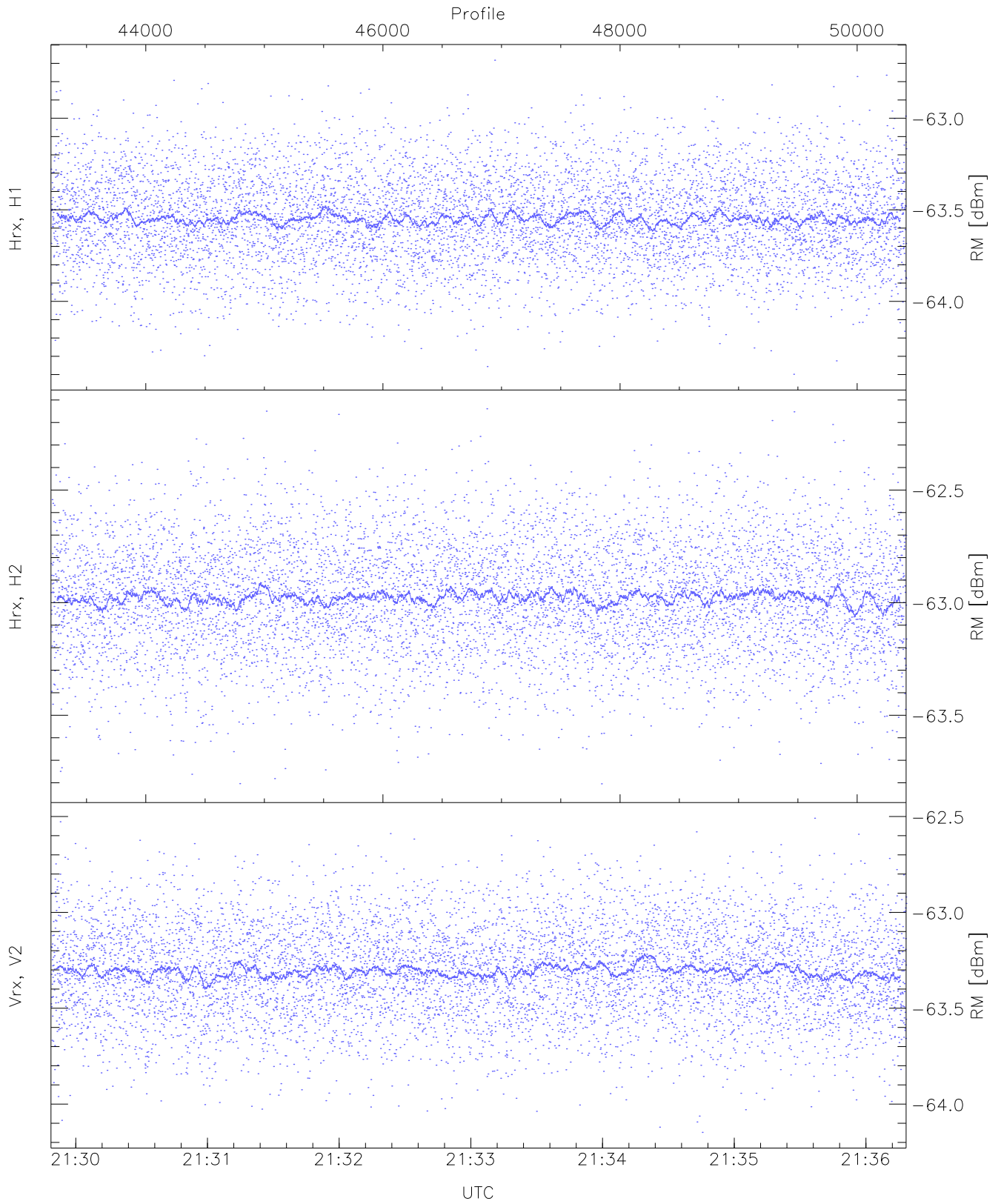
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.73	-62.00	-62.88	-62.89	-75.67
Hrx, H2(WL [dBm])	-63.85	-62.05	-62.88	-62.88	-75.65
Vrx, V2(WL [dBm])	-64.03	-62.29	-63.15	-63.15	-75.88



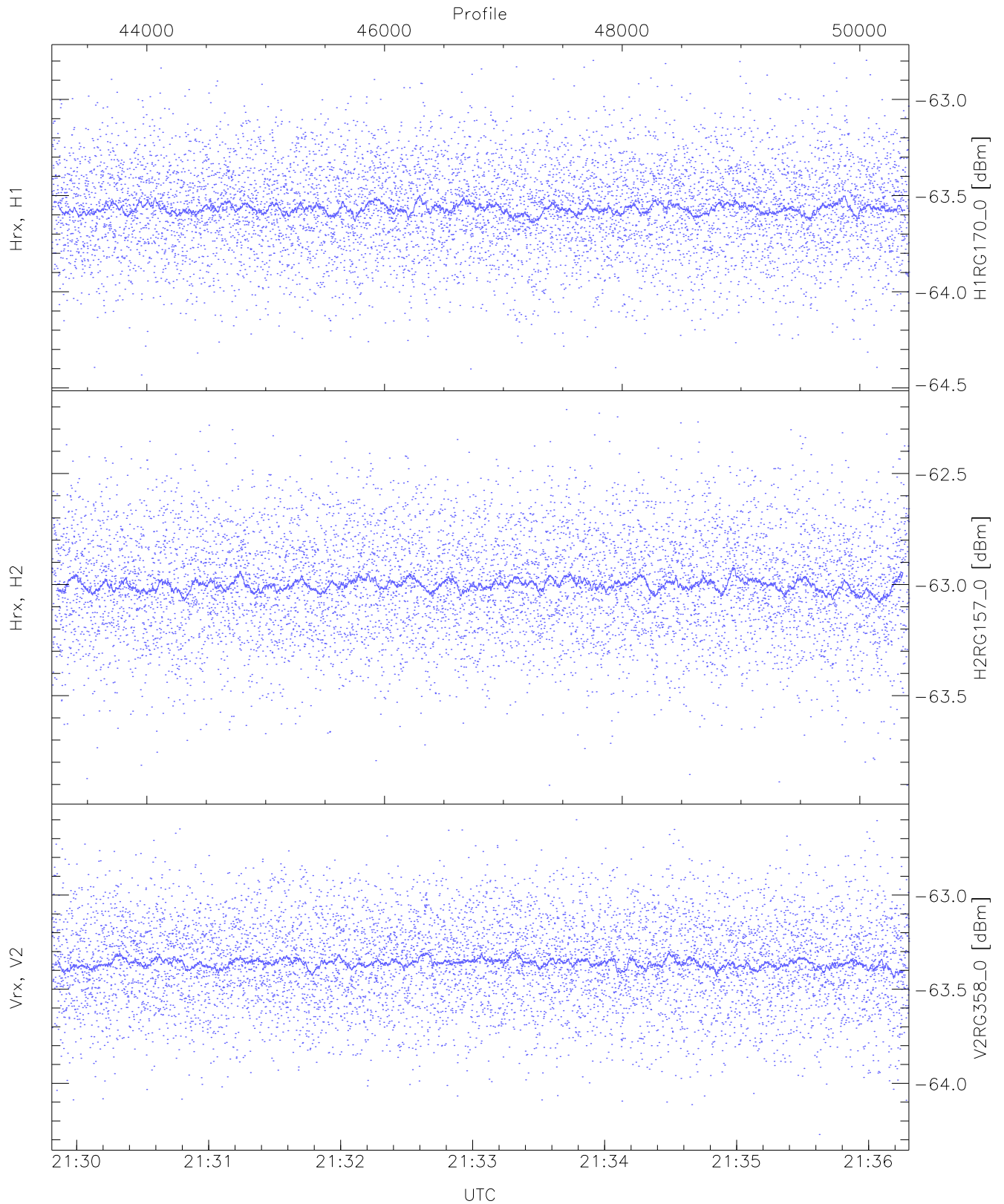
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.82	-61.80	-62.66	-62.67	-75.36
Hrx, H2 (HL [dBm])	-63.49	-61.85	-62.66	-62.66	-75.39
Vrx, V2 (HL [dBm])	-63.85	-62.10	-62.94	-62.95	-75.59



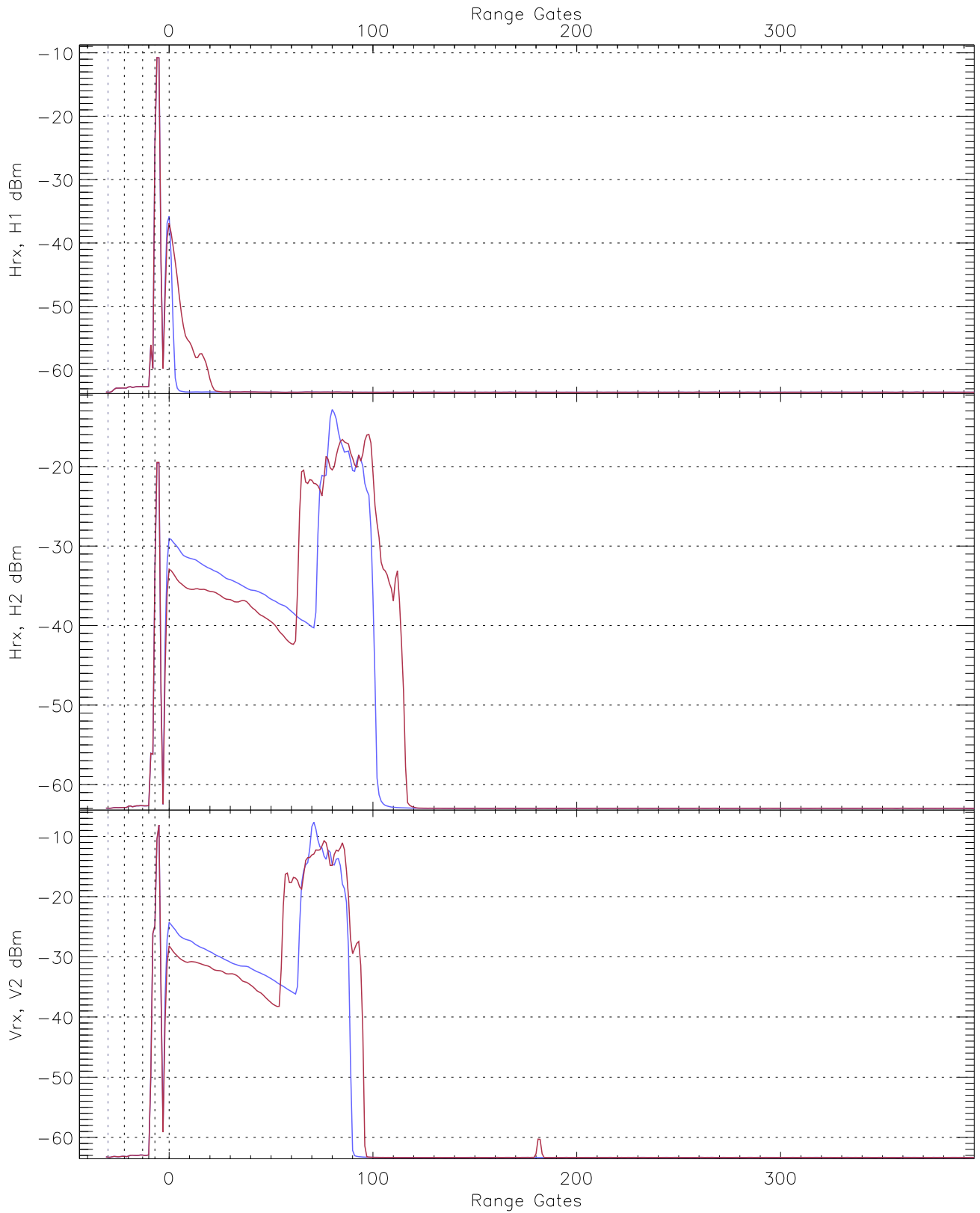
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.40	-62.68	-63.54	-63.55	-76.26
Hrx, H2 (RM [dBm])	-63.80	-62.14	-62.97	-62.98	-75.68
Vrx, V2 (RM [dBm])	-64.15	-62.51	-63.30	-63.31	-75.99

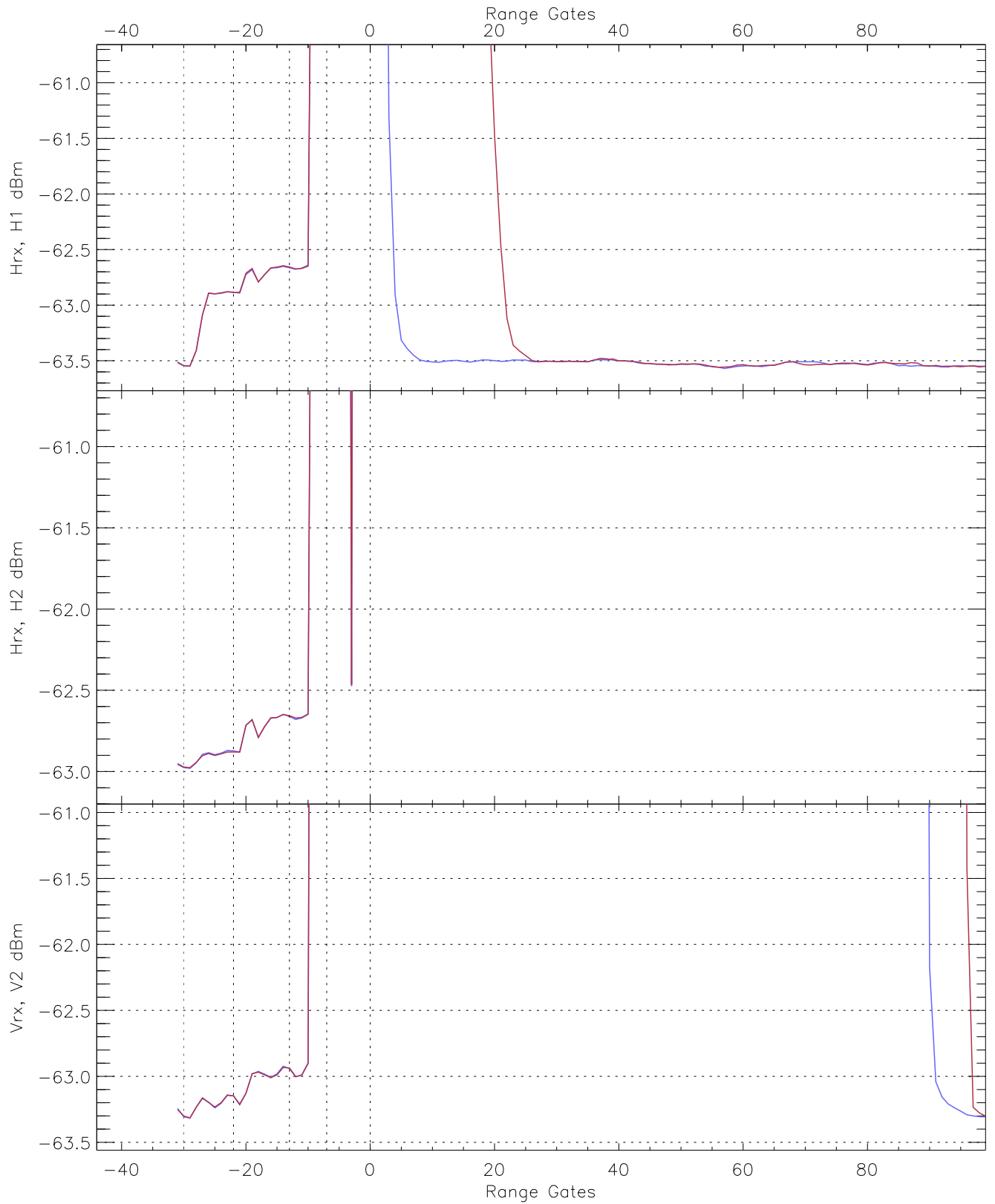


WCR2 CPP "Best" estimate Receivers Noise Power

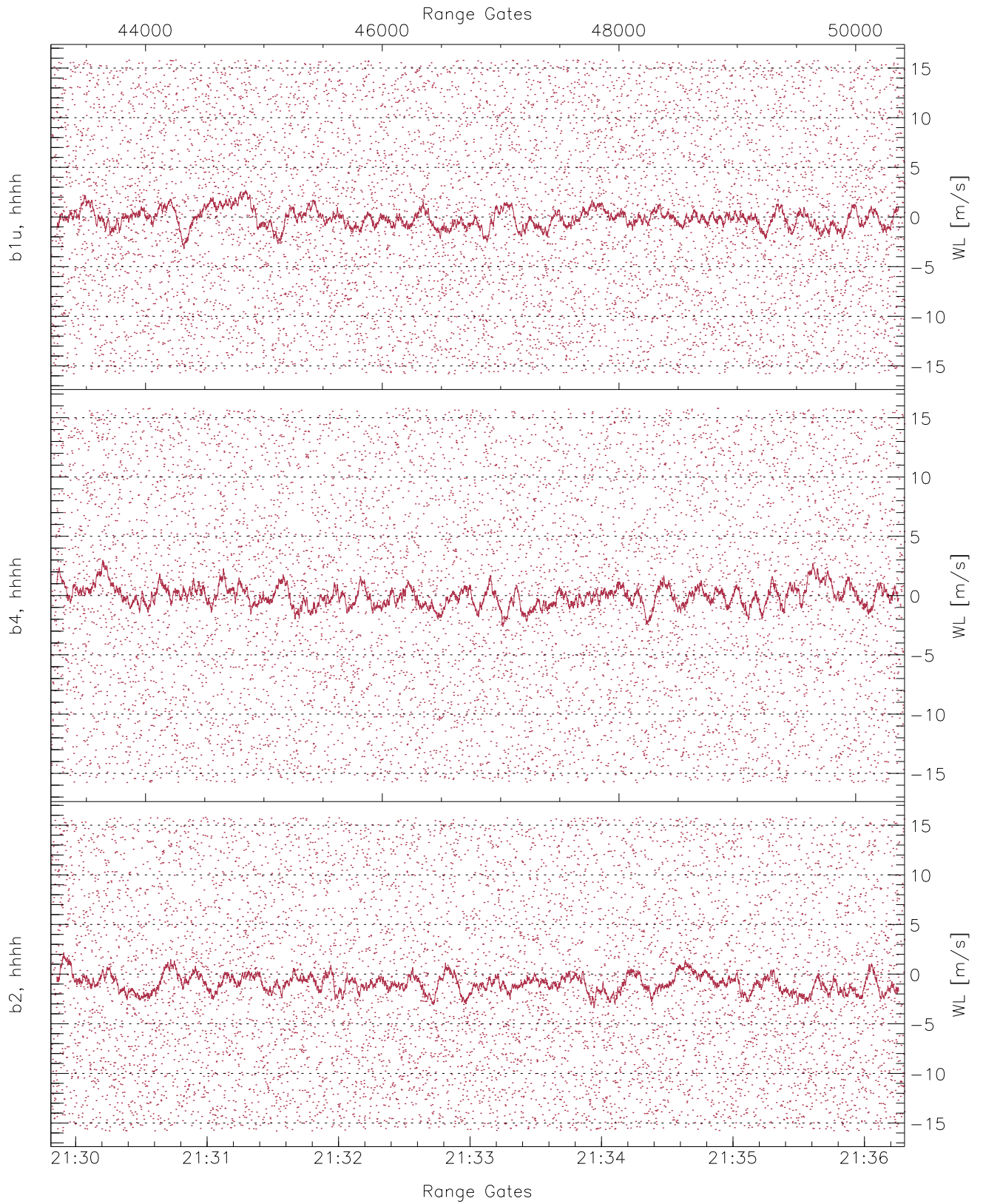
	Min	Max	Mean	Median	StDev
H1RG170_0 [dBm]	-64.43	-62.80	-63.56	-63.56	-76.24
H2RG157_0 [dBm]	-63.90	-62.21	-63.00	-63.00	-75.67
V2RG358_0 [dBm]	-64.27	-62.60	-63.36	-63.36	-76.07



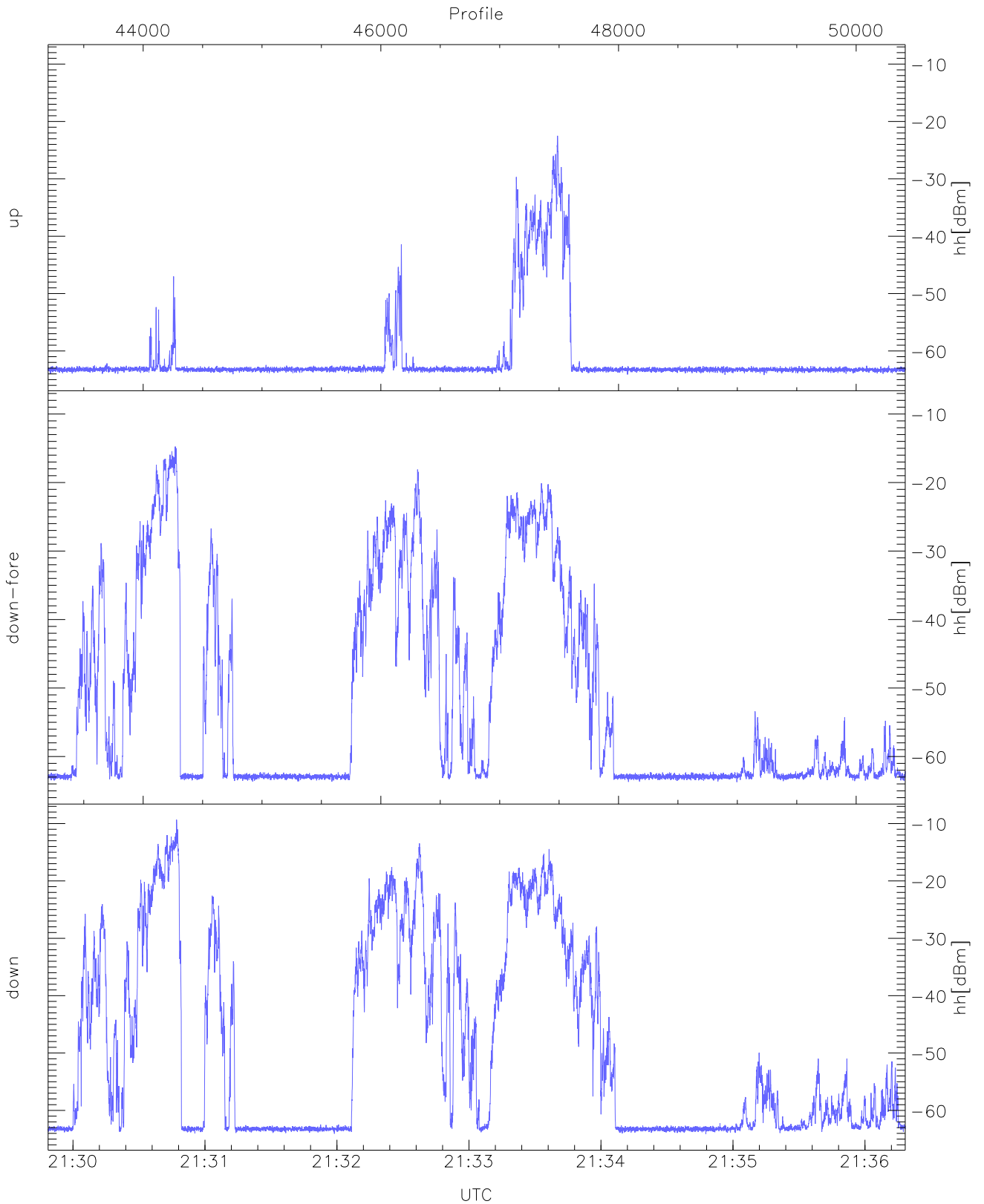
WCR2 CPP Averaged Received power for all recorded gates
blue: 212949-213304, 3608 profiles averaged
red: 213304-213618, 3607 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 212949-213304, 3608 profiles averaged
red: 213304-213618, 3607 profiles averaged

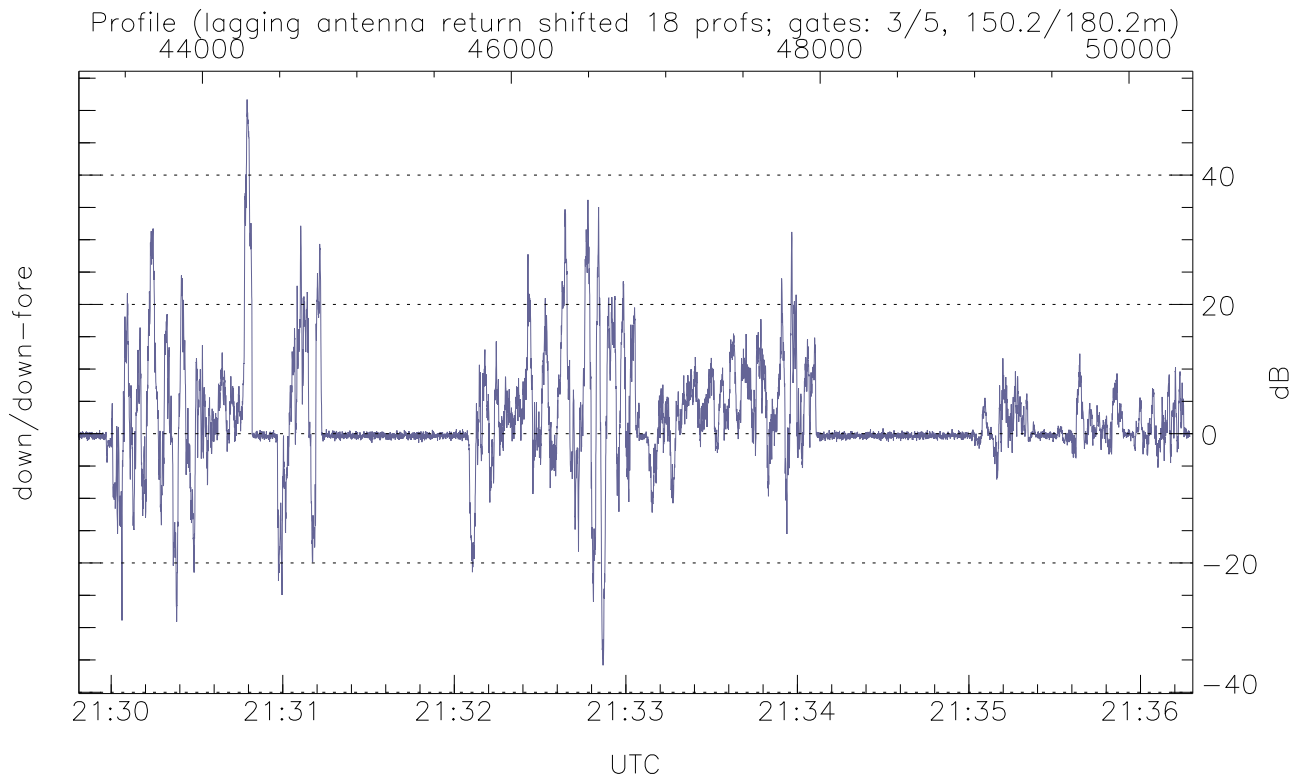
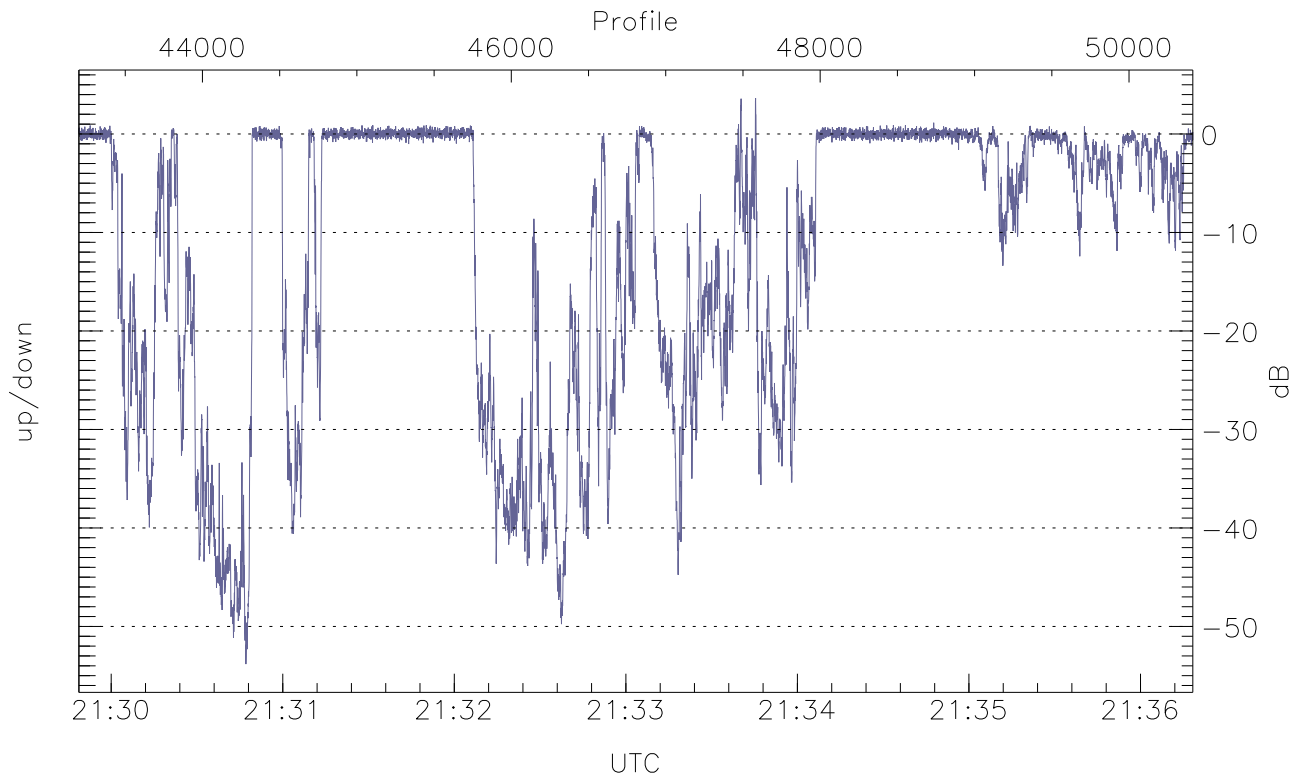


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



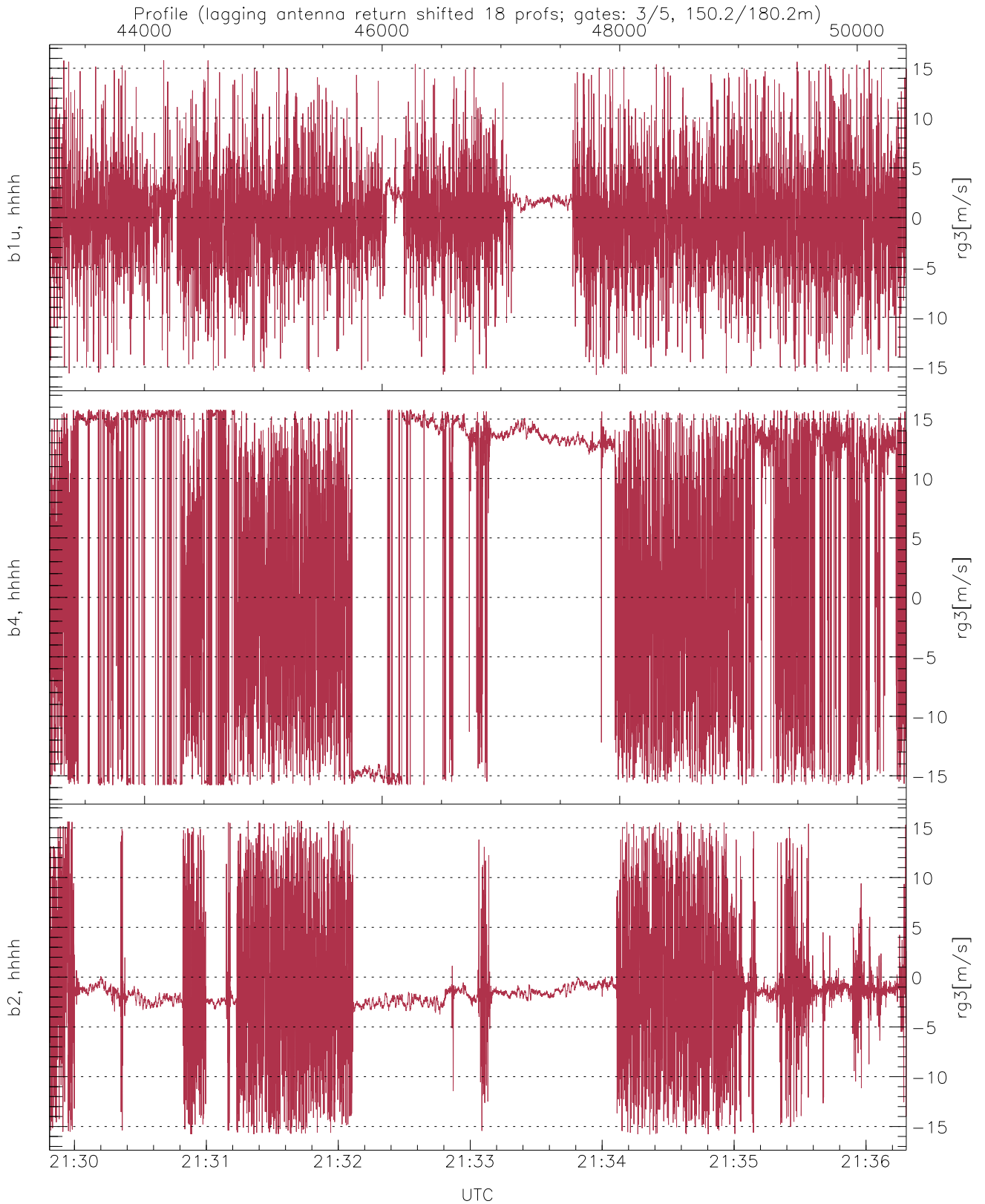
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.19	-22.50	-45.91
down-fore(hh[dBm])	-63.73	-14.74	-31.37
down(hh[dBm])	-64.08	-9.34	-27.07



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

	Min	Max	Mean
up/down (dB)	-53.82	3.62	-11.77
down/down-fore (dB)	-35.83	51.70	2.03



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.79	15.79	0.04	4.88
b4, hhhh(rg3[m/s])	-15.80	15.80	4.73	11.37
b2, hhhh(rg3[m/s])	-15.80	15.76	-1.36	5.51