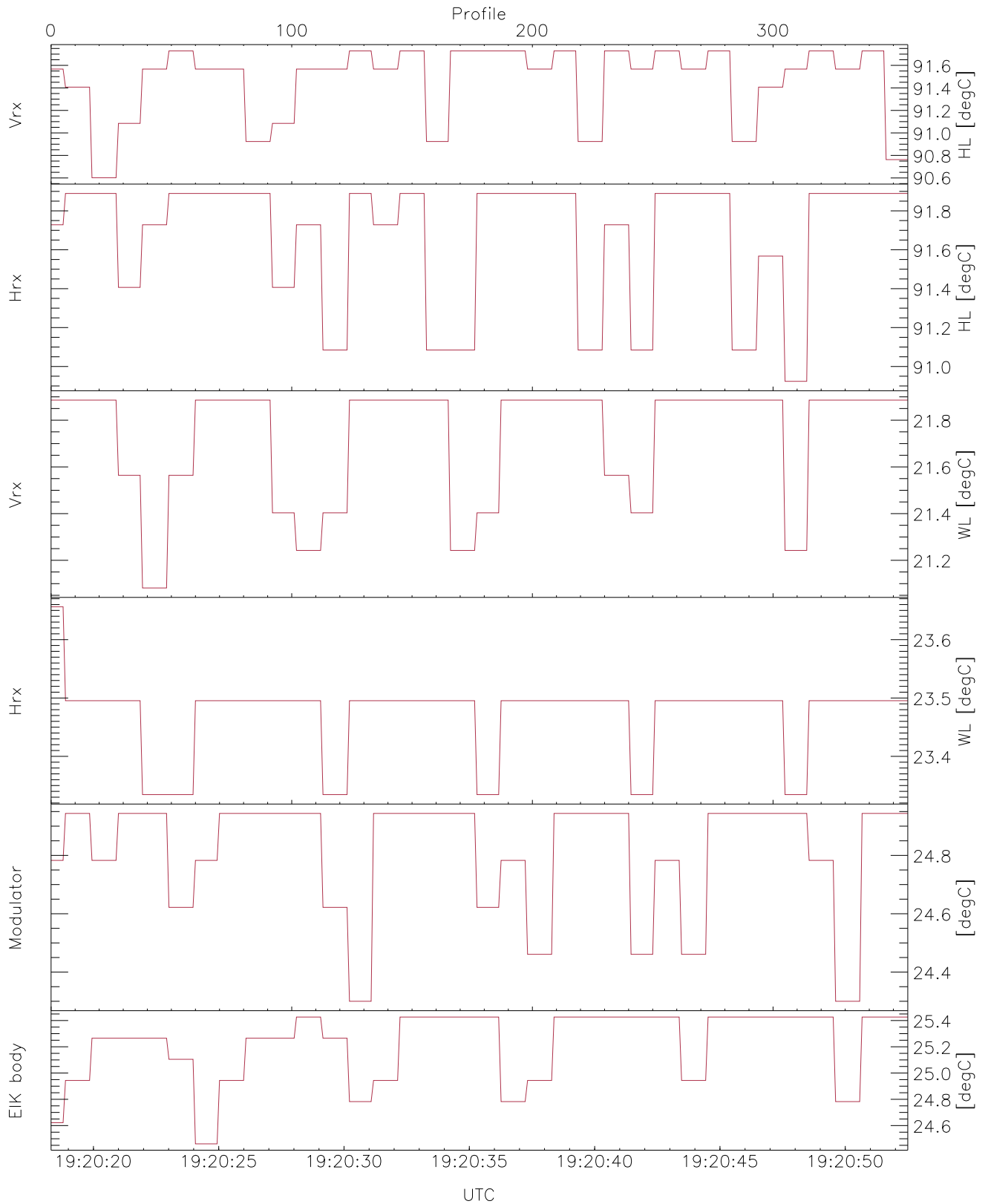




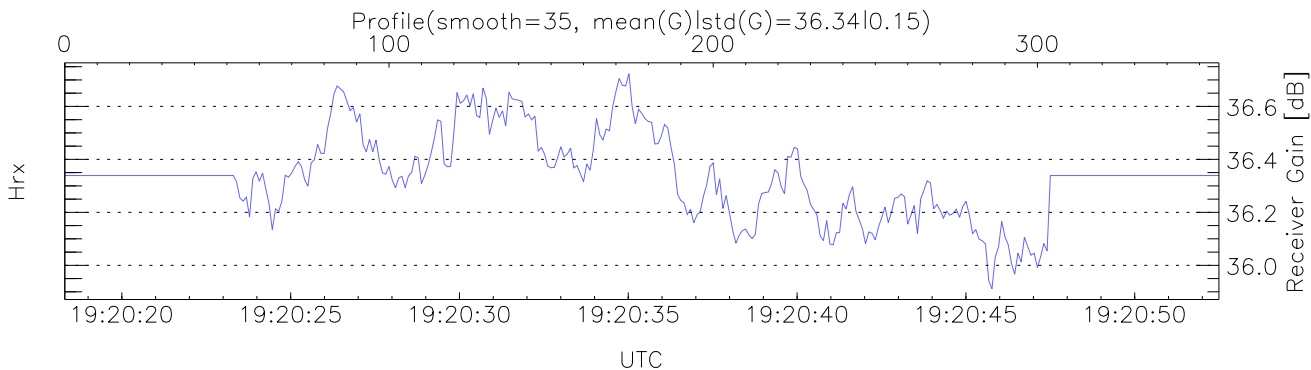
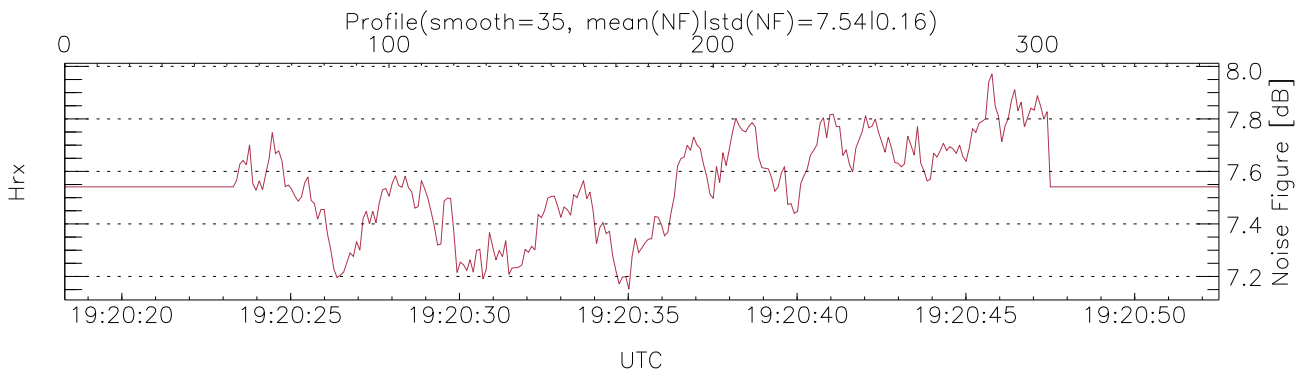
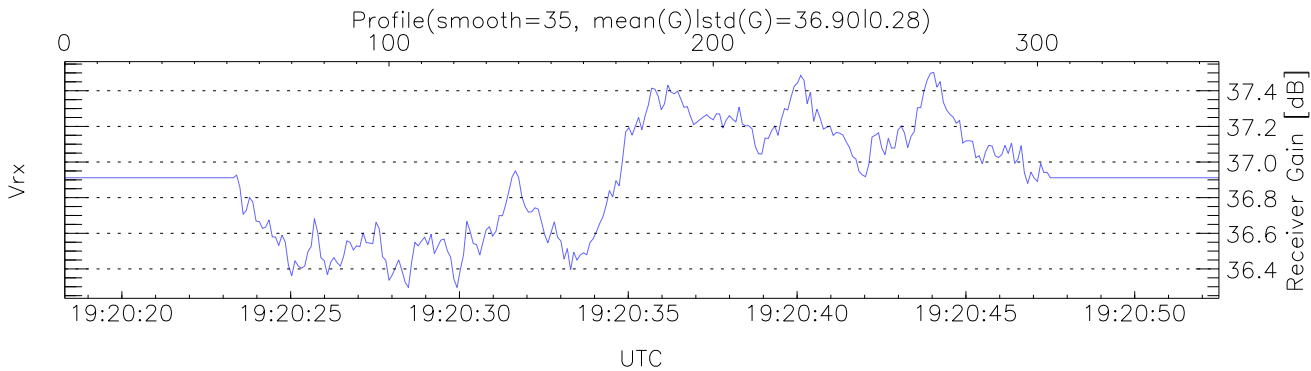
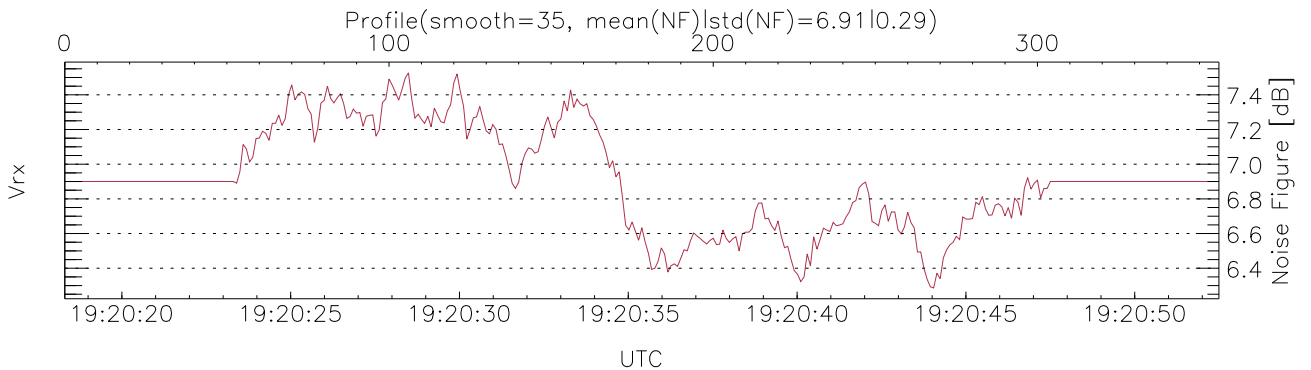
WCR3 FF3 Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:20:18-19:20:52, TimeCor: 0.00s, Dur: 34.18s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 96.0,96.0,96.0,0.0 ms / 10.4,10.4,10.4
 NumRec(r/t): 357/357, 0-356/19:20:18-19:20:52
 AcqTime: 96.0ms, Rate: 3.835MB/s, Averages (req.,actual): 10,10
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 V2 H2
 PRF: 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 1.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 0
 FFTlen: 64, FFTwin: rectangular, # averagedFFT: 10, cr-polFFT: NO
 FFTres: 0.493,0.493,0.493 m/s, PulsePairCalc: YES



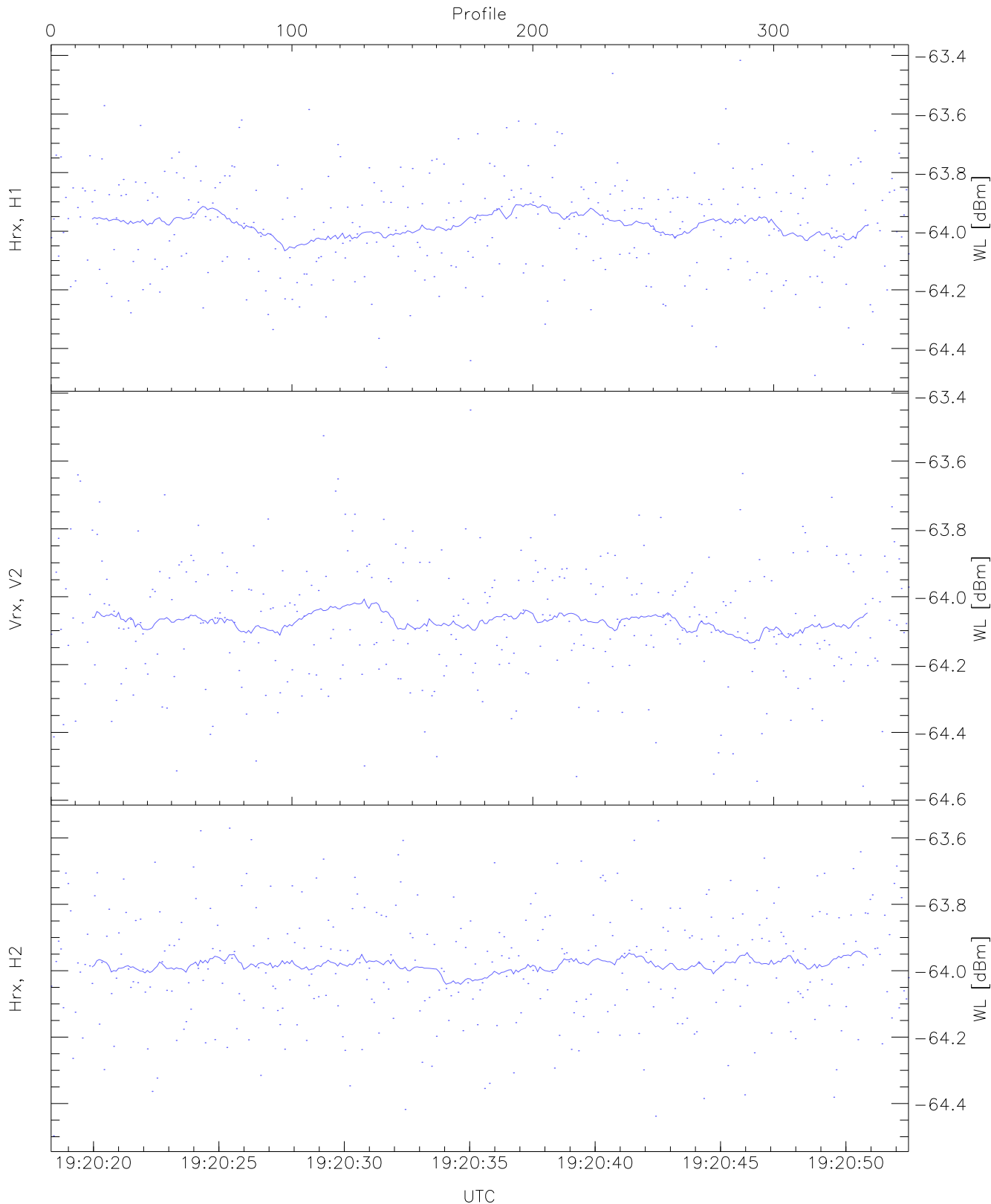
WCR3 FF3 Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,90,21,23,24,24`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,91,21,23,24,25`
`LOalarm(20,240,2817,14861 MHz): None`
`EIK Faults(# prof affected):`
`BodyCurr (10)`



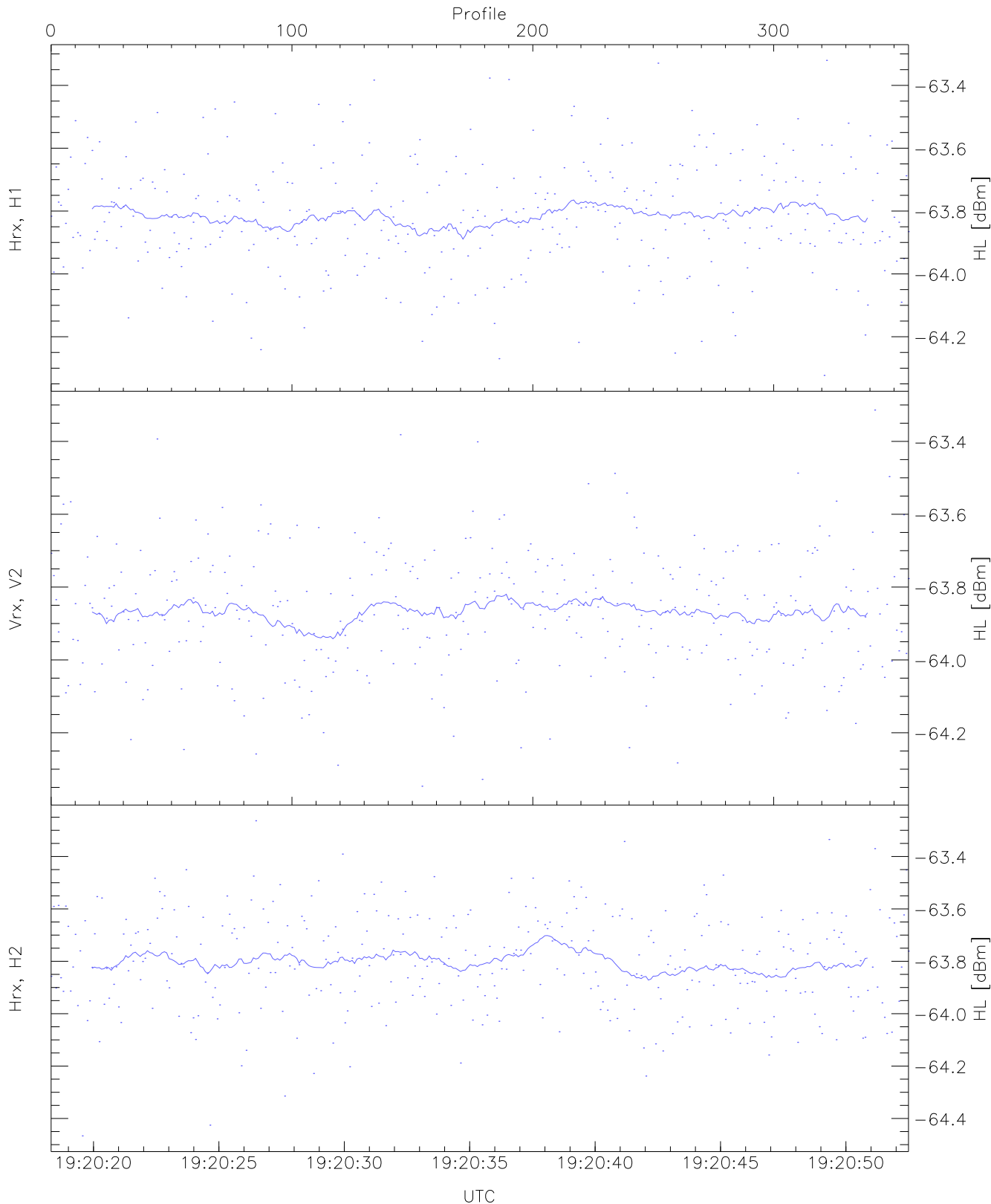
WCR3 FF3 Receivers Gain and Noise Figure

Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prod(s)



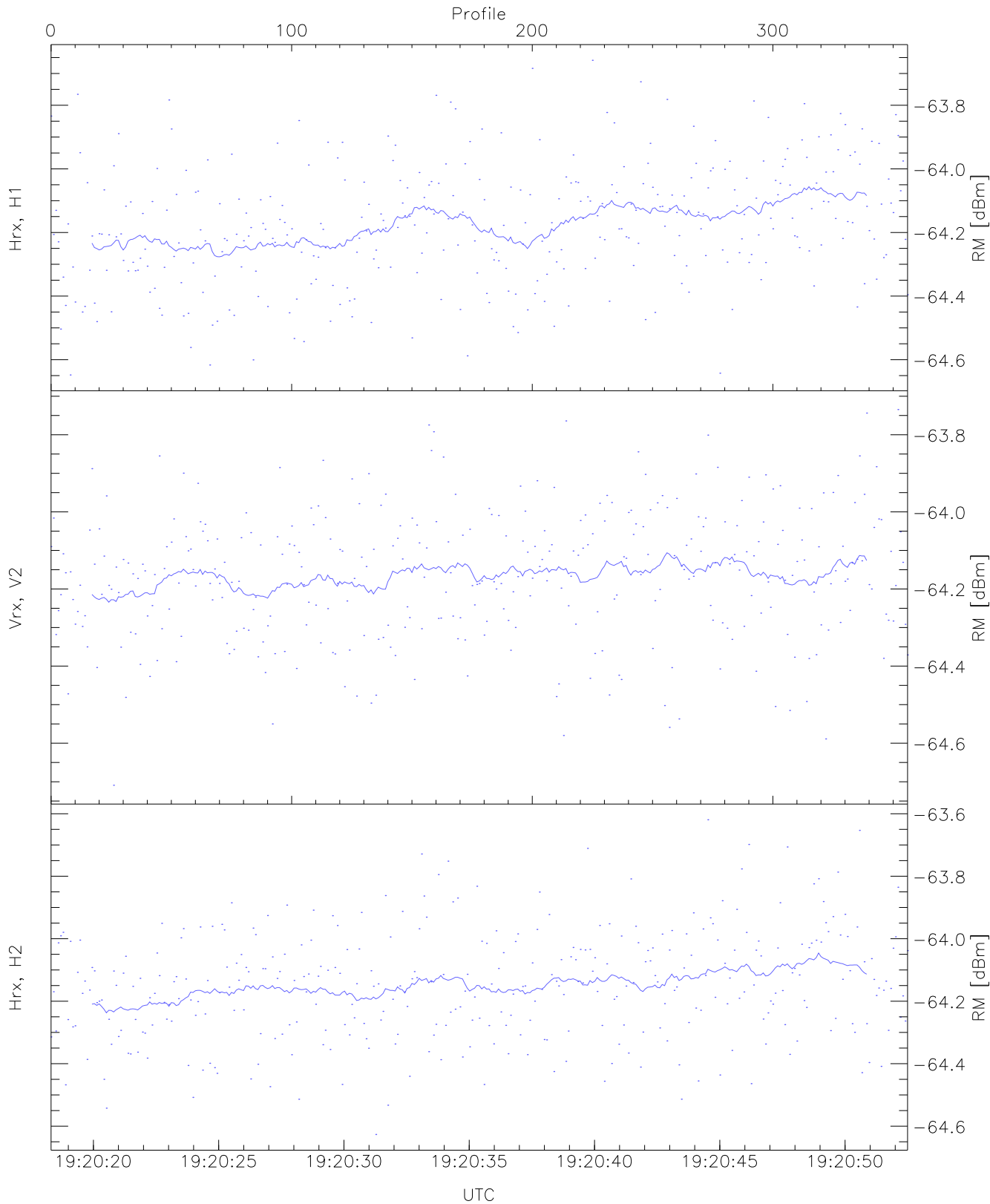
WCR3 FF3 Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-64.49	-63.42	-63.97	-63.96	-77.94
Vrx, V2(WL [dBm])	-64.56	-63.45	-64.07	-64.07	-77.81
Hrx, H2(WL [dBm])	-64.50	-63.55	-63.98	-63.98	-77.94



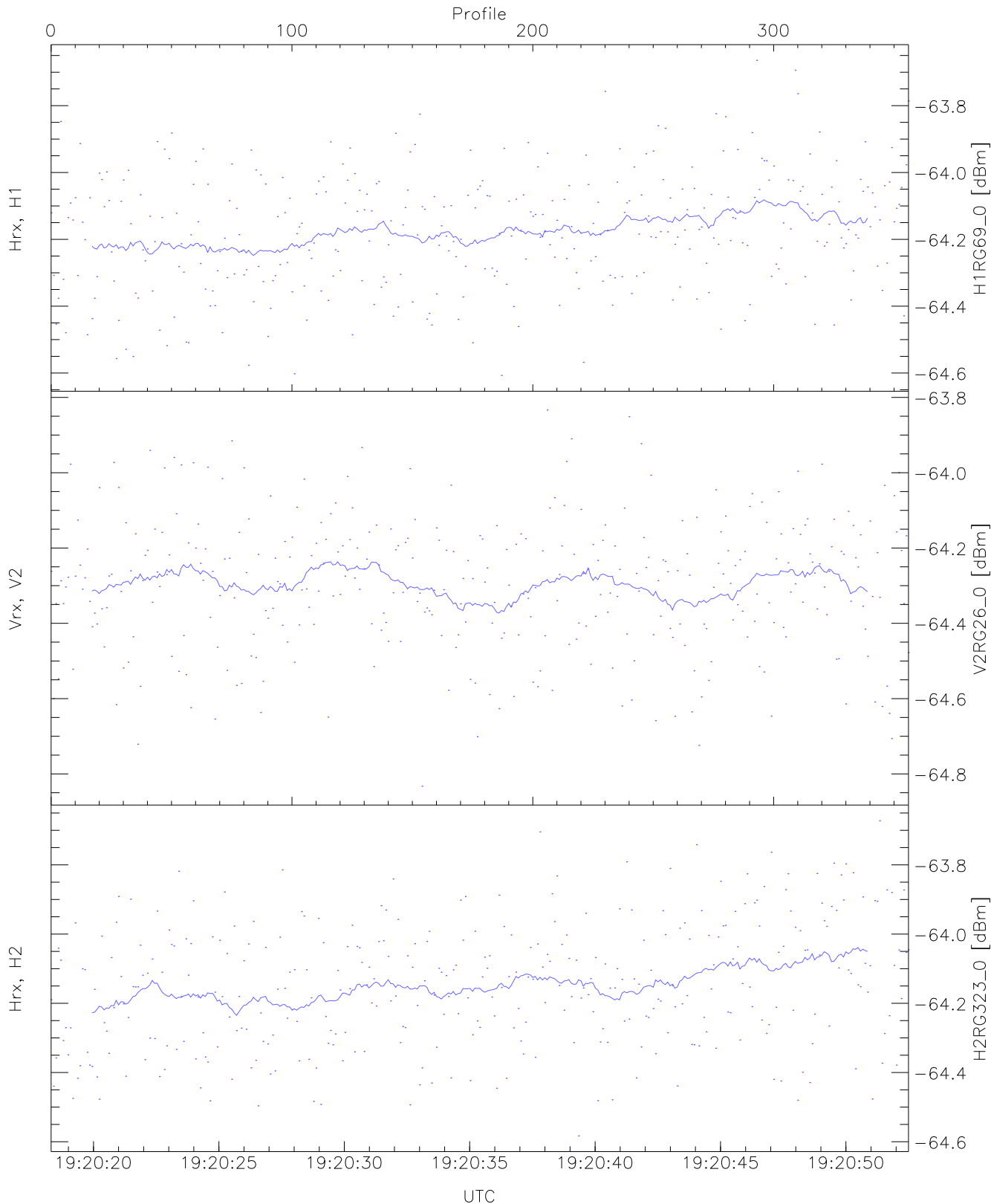
WCR3 FF3 Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-64.32	-63.32	-63.81	-63.83	-77.71
Vrx, V2 (HL [dBm])	-64.35	-63.31	-63.86	-63.86	-78.01
Hrx, H2 (HL [dBm])	-64.47	-63.26	-63.80	-63.81	-77.49



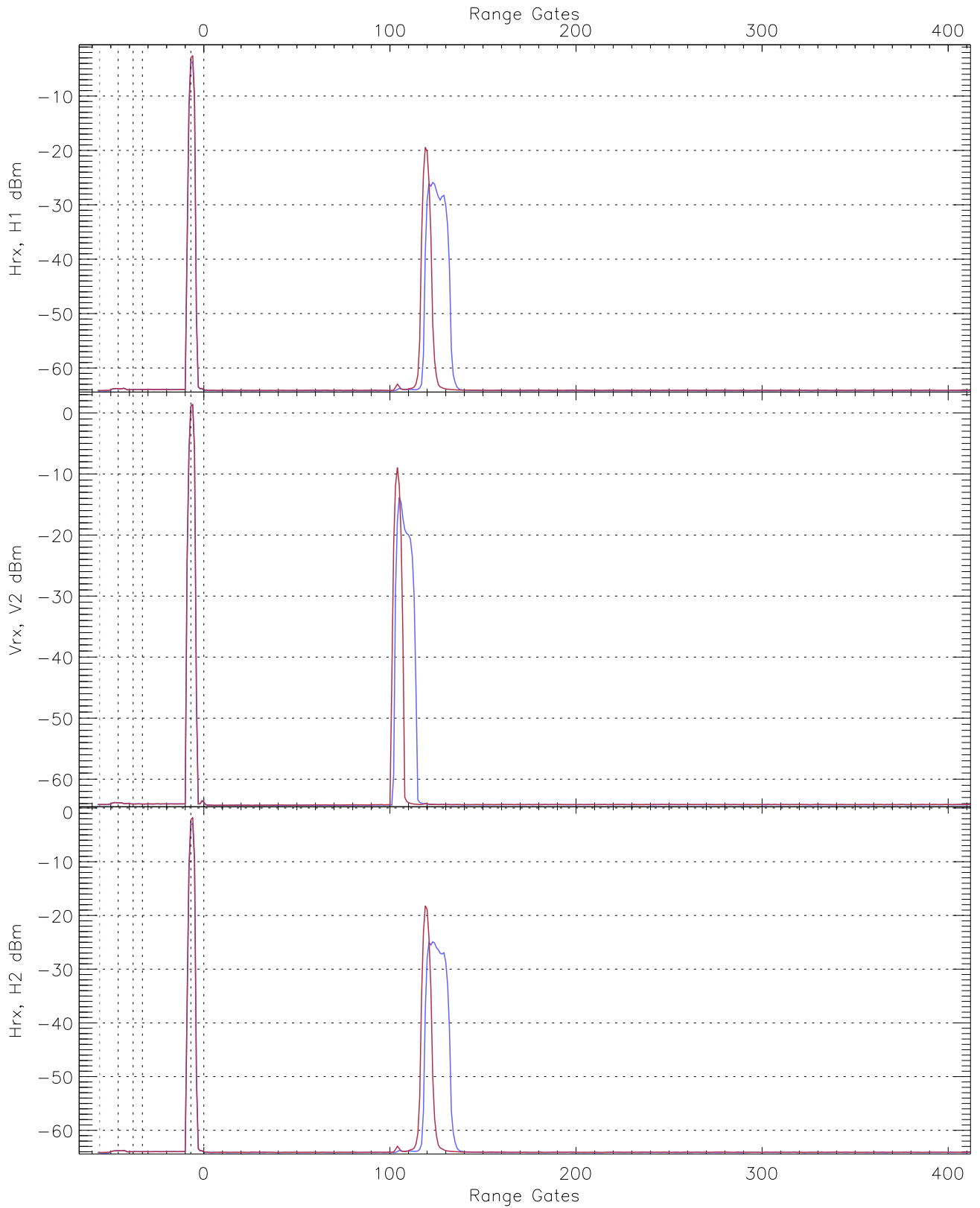
WCR3 FF3 Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.65	-63.66	-64.17	-64.18	-77.80
Vrx, V2 (RM [dBm])	-64.71	-63.73	-64.16	-64.16	-78.32
Hrx, H2 (RM [dBm])	-64.63	-63.62	-64.15	-64.15	-78.13

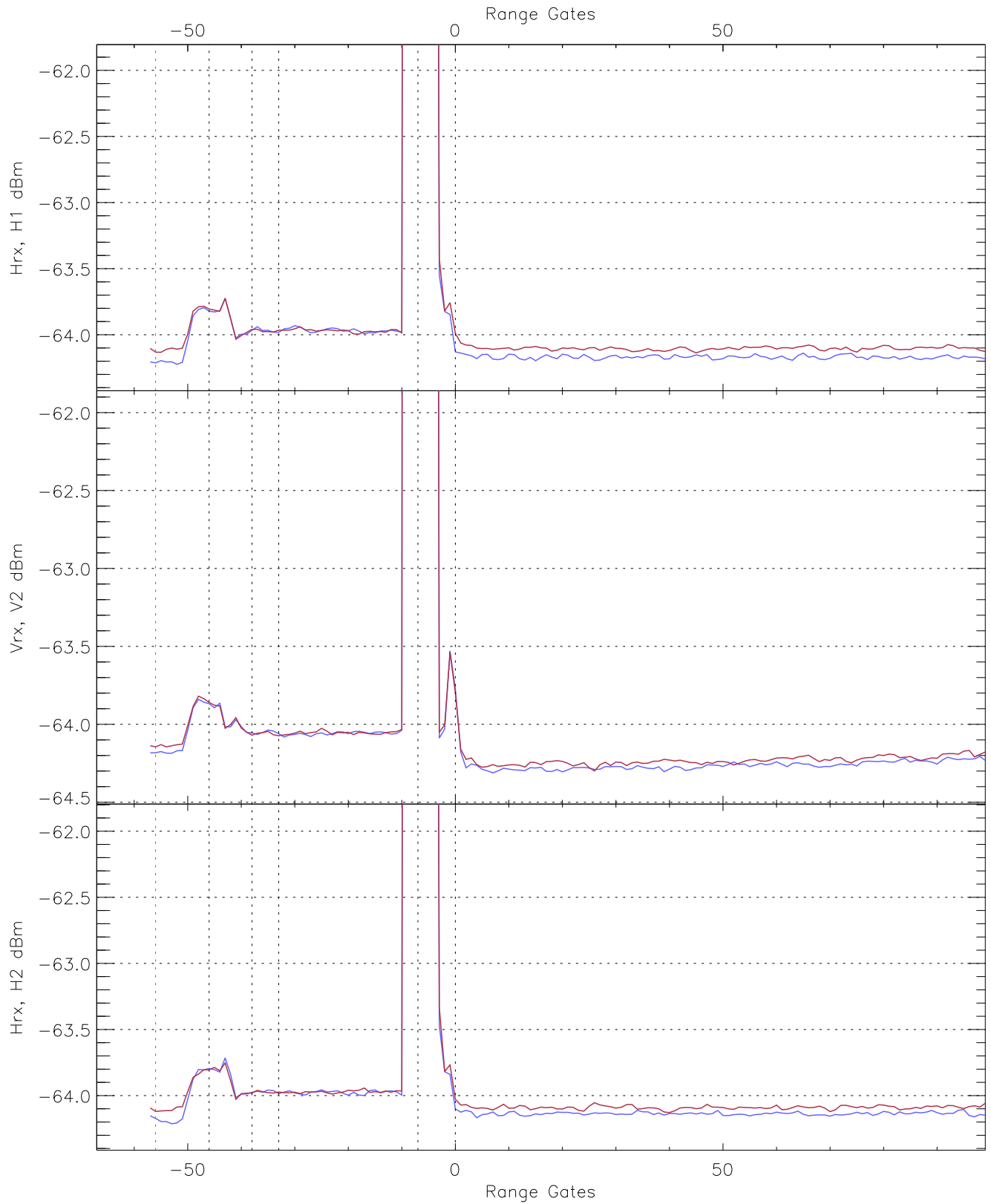


WCR3 FF3 "Best" estimate Receivers Noise Power

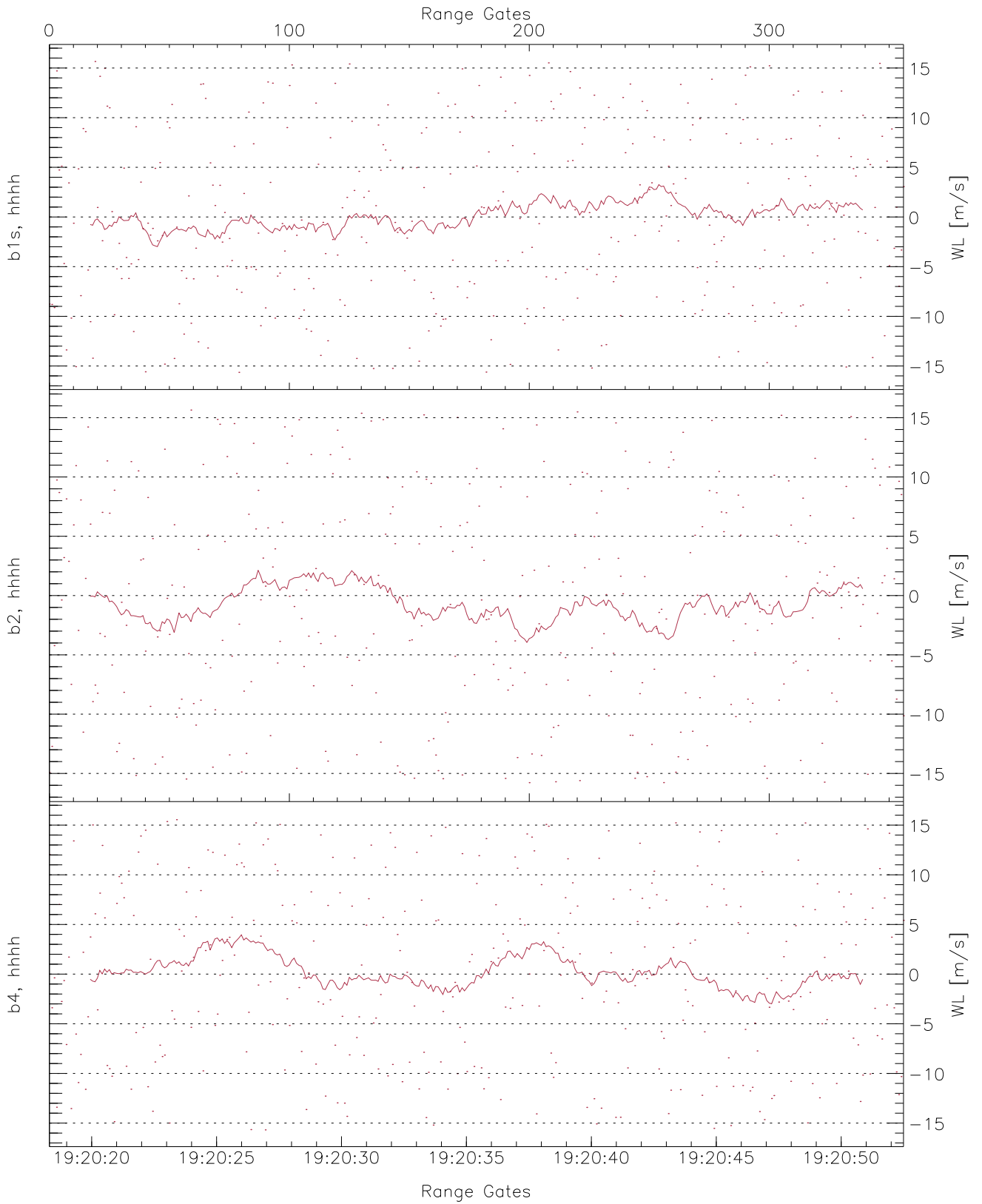
	Min	Max	Mean	Median	StDev
H1RG69_0 [dBm]	-64.61	-63.66	-64.17	-64.17	-78.17
V2RG26_0 [dBm]	-64.83	-63.83	-64.29	-64.29	-78.21
H2RG323_0 [dBm]	-64.58	-63.67	-64.15	-64.15	-78.01



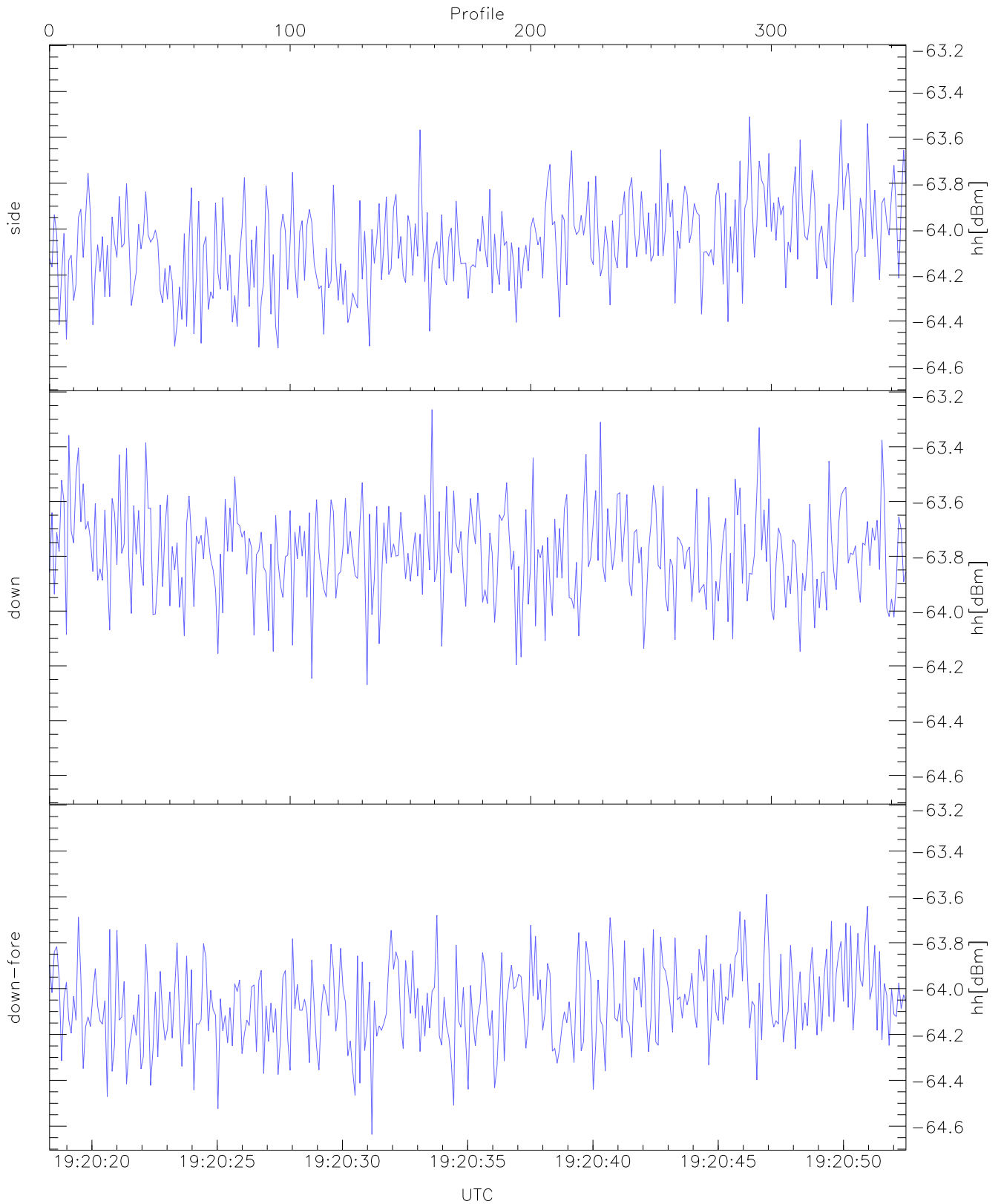
WCR3 FF3 Averaged Received power for all recorded gates
blue: 192018-192035, 179 profiles averaged
red: 192035-192052, 179 profiles averaged



WCR3 FF3 Averaged Received power for the negative gates and up to 100 gate
blue: 192018-192035, 179 profiles averaged
red: 192035-192052, 179 profiles averaged

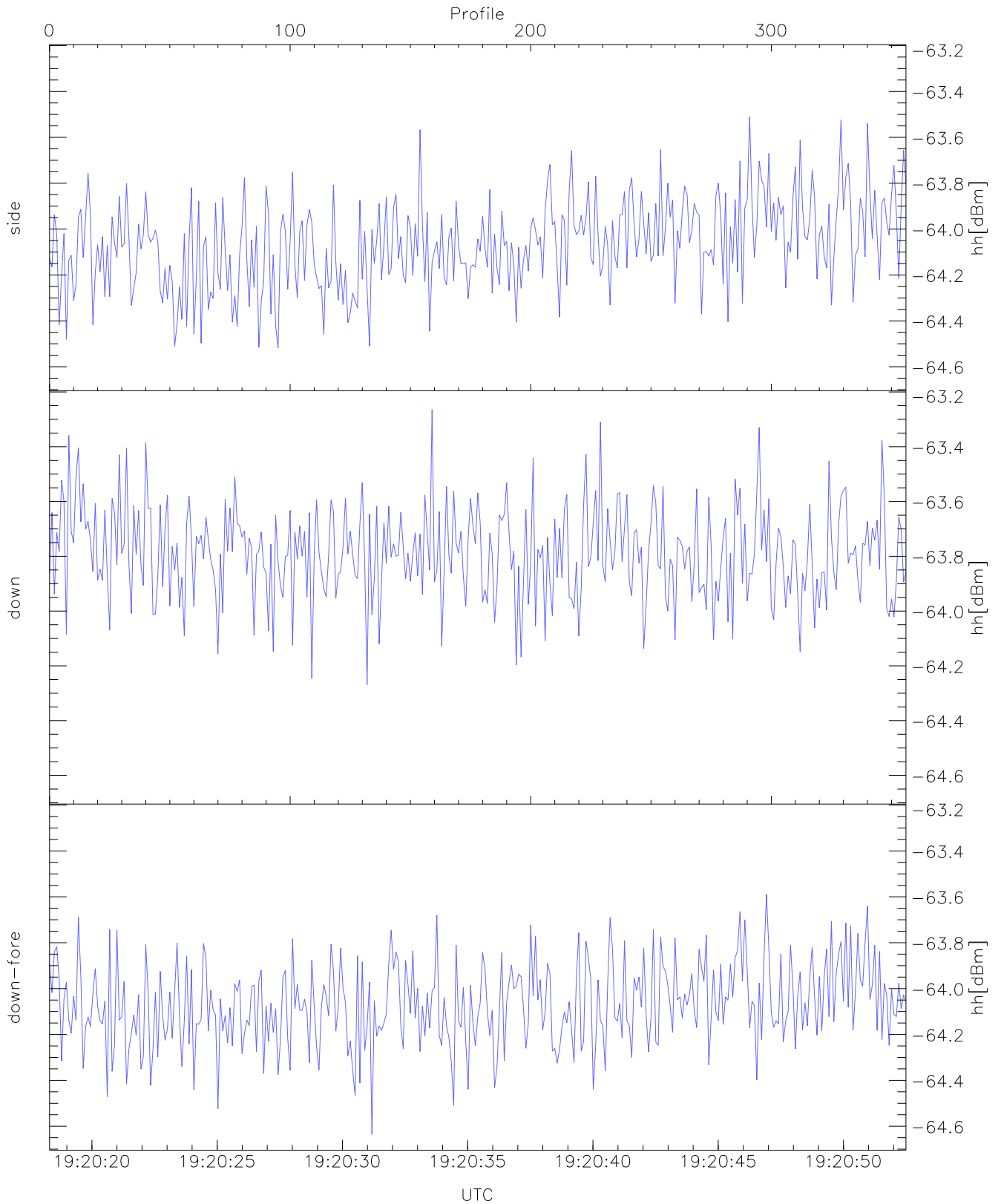


WCR3 FF3 Receivers Phase Noise (in m/s) from the Warm Loads Measurements



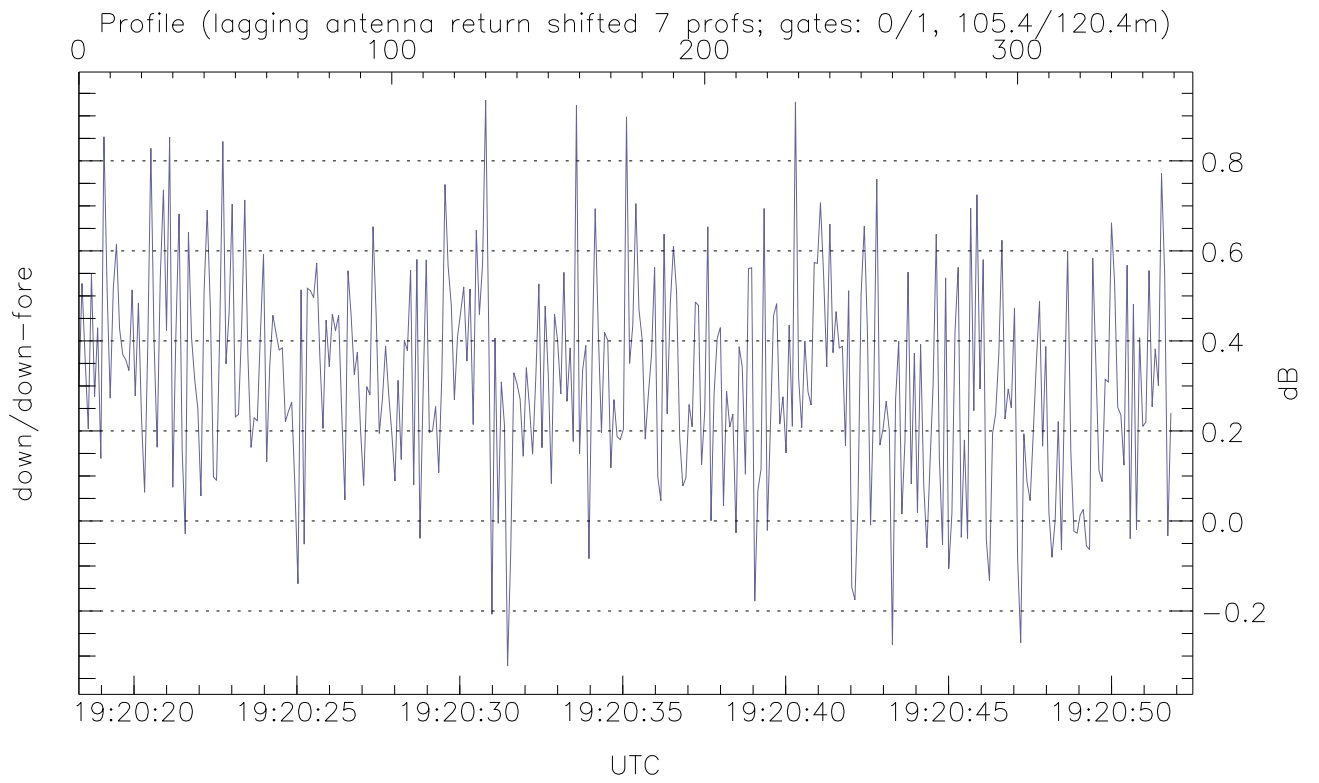
WCR3 FF3 Received Power Products for Range gate 0 (105.4 m)

	Min	Max	Mean
side(hh[dBm])	-64.52	-63.51	-64.06
down(hh[dBm])	-64.27	-63.26	-63.79
down-fore(hh[dBm])	-64.64	-63.59	-64.06



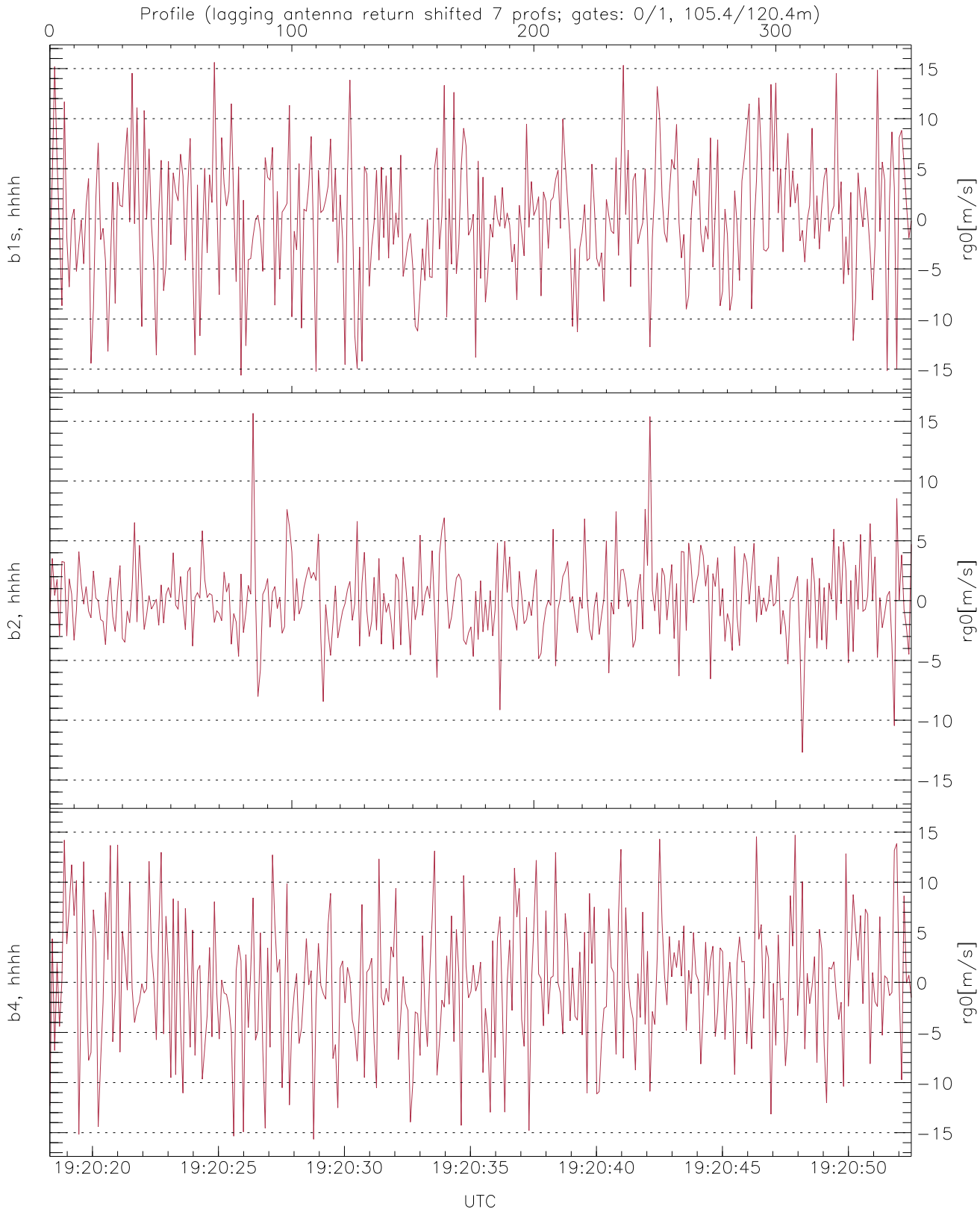
WCR3 FF3 Power Products(psdmom0) for Range gate 0 (105.4 m)

	Min	Max	Mean
side(hh[dBm])	-64.52	-63.51	-64.06
down(hh[dBm])	-64.27	-63.26	-63.79
down-fore(hh[dBm])	-64.64	-63.59	-64.06



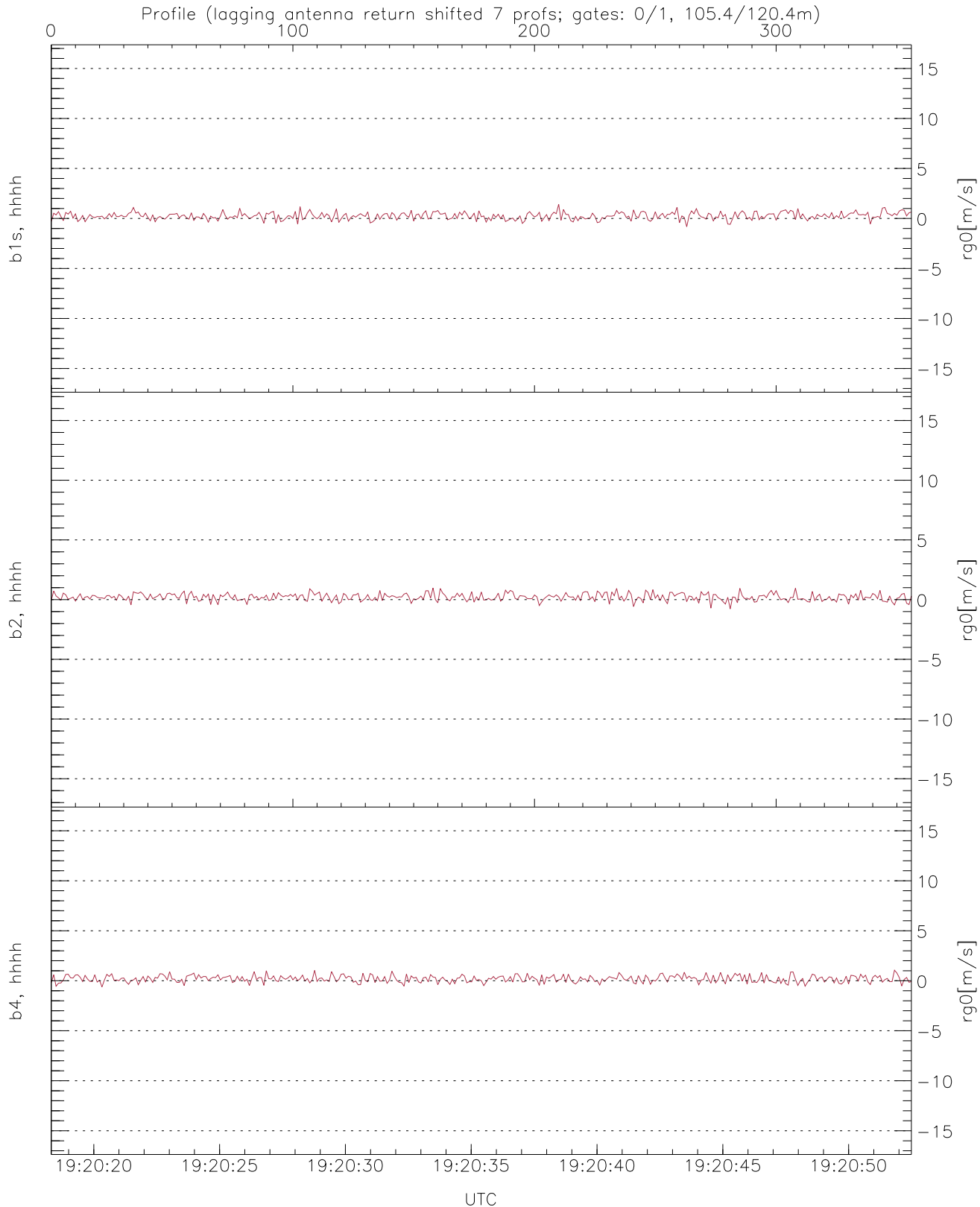
WCR3 Beam pairs Received Power Ratio(s); RangeGate: 0 (105 m)

	Min	Max	Mean
down/down-fore(dB)	-0.32	0.93	0.31



WCR3 FF3 Doppler Velocity Products at 105.4 m range

	Min	Max	Mean	StDev
b1s, hhhh(rg0[m/s])	-15.63	15.62	0.10	6.20
b2, hhhh(rg0[m/s])	-12.70	15.66	0.12	3.24
b4, hhhh(rg0[m/s])	-15.66	14.72	-0.18	6.39



WCR3 FF3 Doppler Velocity Products (psdmom1) at 105.4 m range

	Min	Max	Mean	StDev
b1s, hhhh(rg0[m/s])	-0.83	1.43	0.26	0.36
b2, hhhh(rg0[m/s])	-0.78	0.97	0.22	0.31
b4, hhhh(rg0[m/s])	-0.62	1.05	0.19	0.35