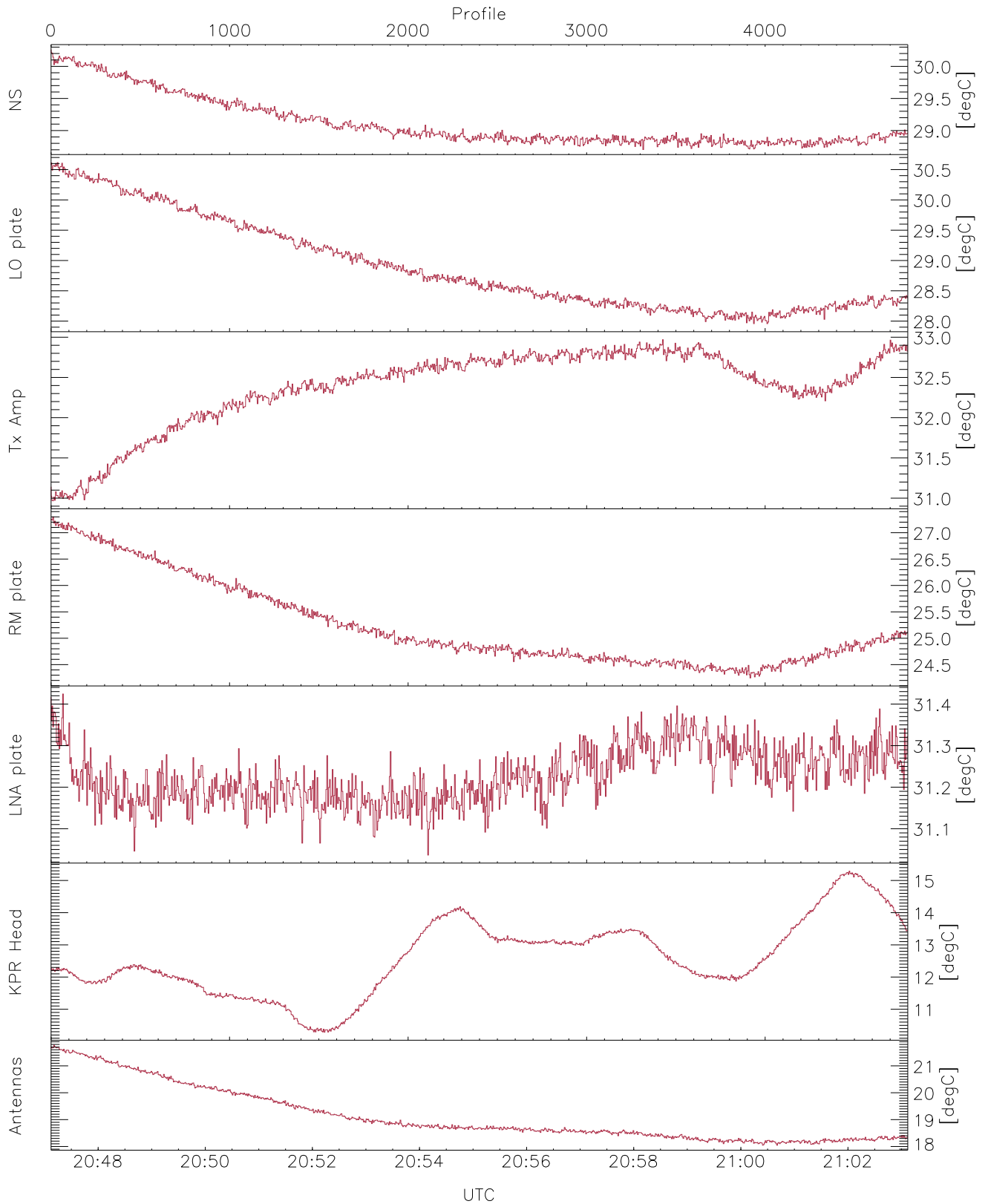


KPR SPP; Ant(s): UP; Radiometer: OFF

UTC: 20:47:07-21:18:24, TimeCor: 0.00s, Dur: 959.80s
 TimeInt(min,max,mn,std): 187.4,212.6,200.0,1.0 ms; PPS: 5.0
 NumRec(r/t): 4800/9385, 0-4799/20:47:07-21:03:07
 AcqTime(req,actual): 200.0,200.0 ms, Data Rate: 95.1 KB/s
 Pulse: 247 ns, Chirp: 2.47 us, DRxIF: 5.0 MHz
 PRF: 20.0 KHz, avrgPulses: 4000, avrgPP: 3999
 NyquistVel: 42.1 m/s, RangeRes:30.0 m
 Pulse Range(min,max): 120, 6506 m, Gates: 427
 Chirp Range(min,max): 536, 6487 m, Gates: 398
 RangeGateSampling: 15.0 m, Aspect: 0.8

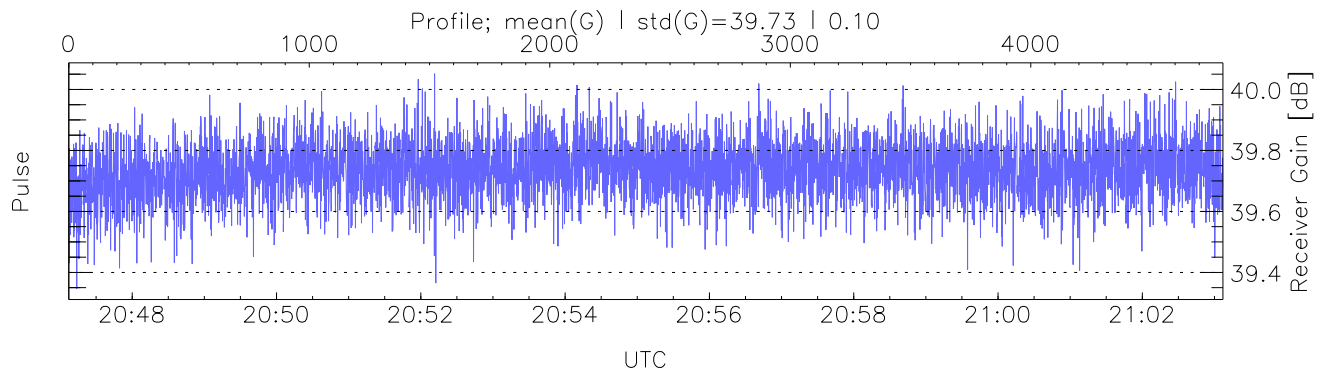
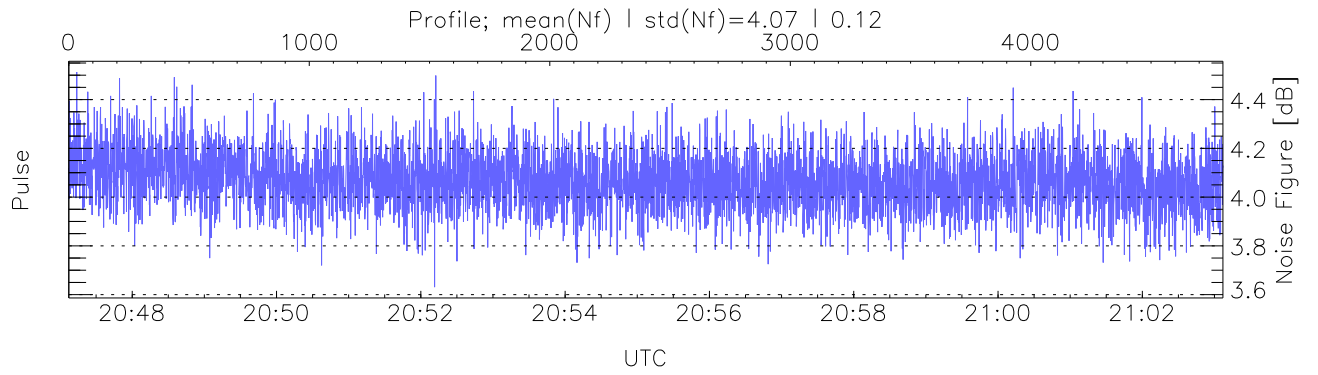
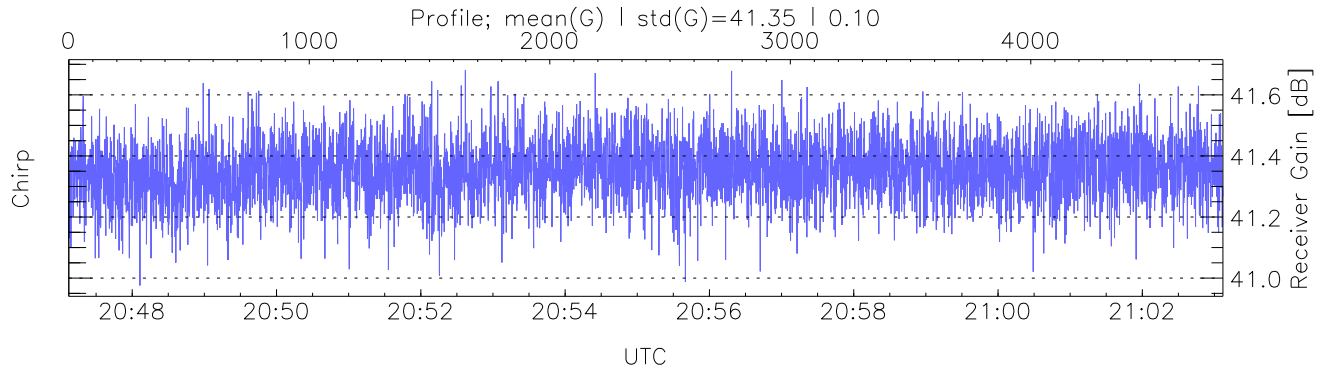
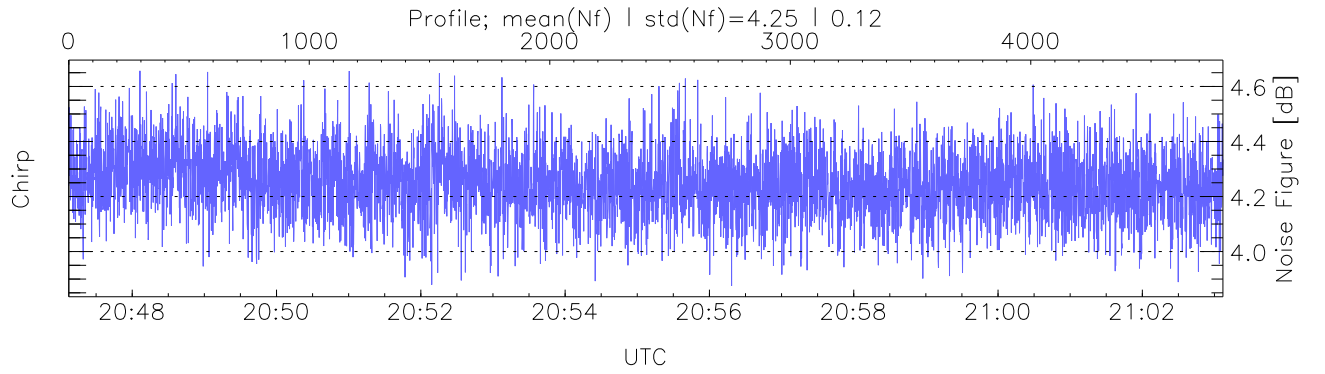


KPR SPP Temperatures, Power Supplies, PLO lock:

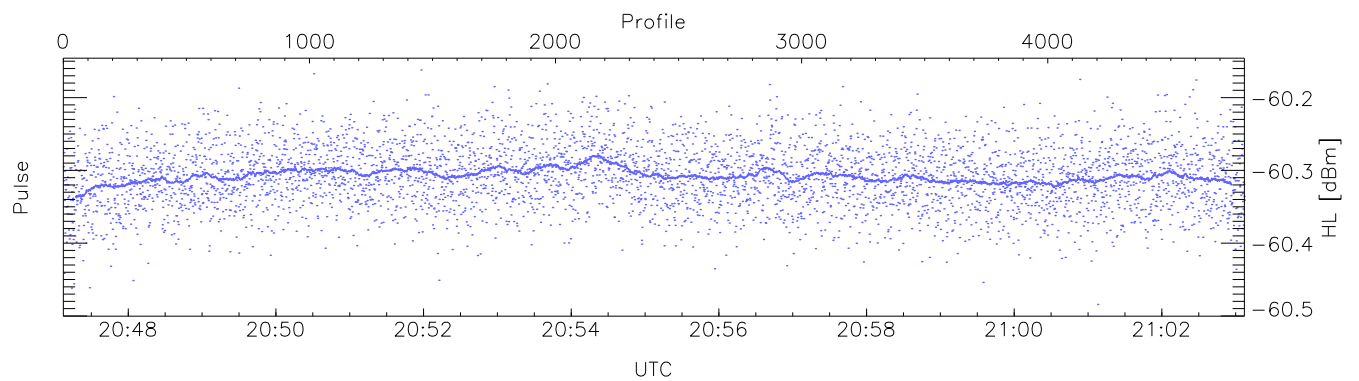
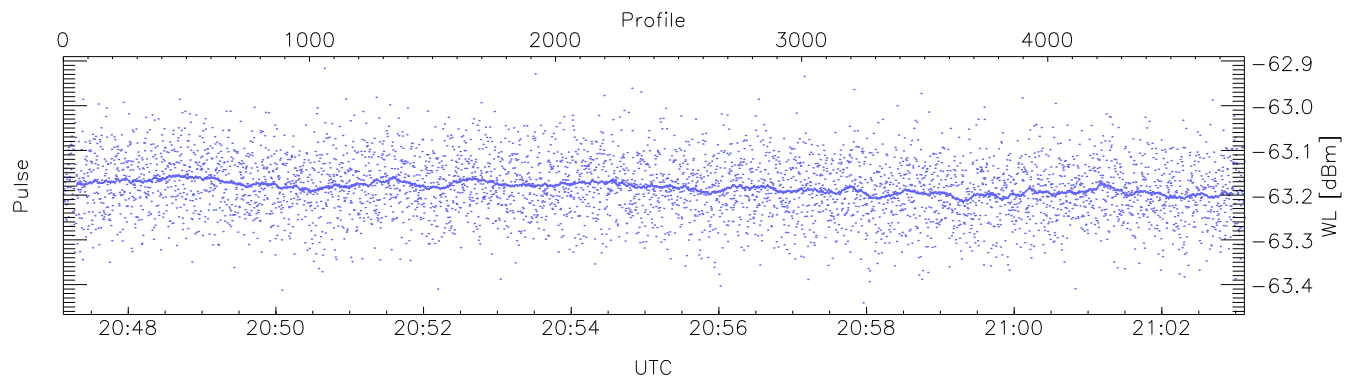
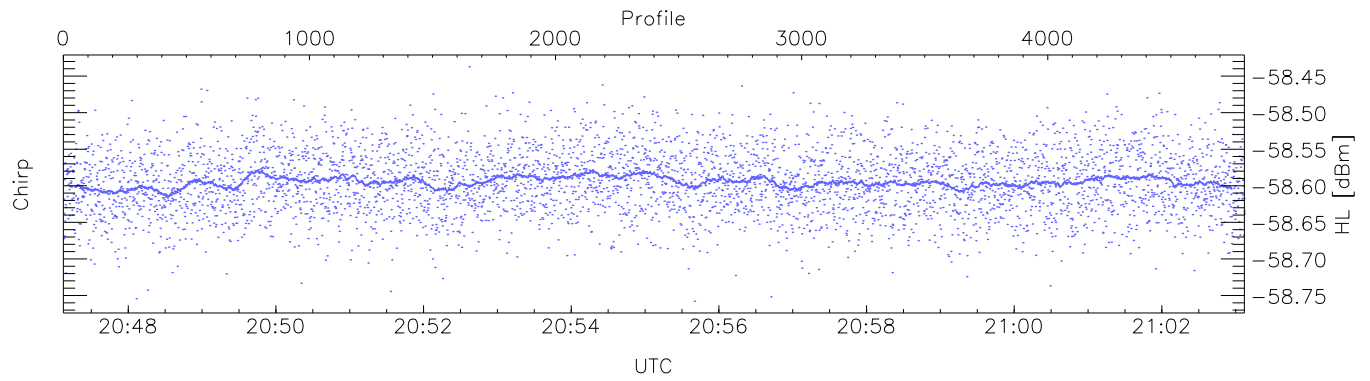
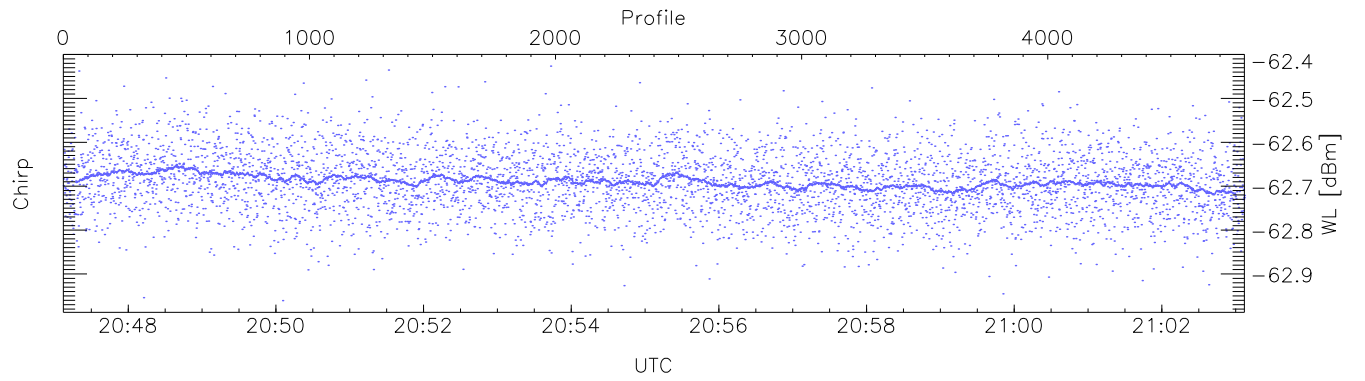
temperature:	NS,	LO,	Tx,	RM,	LNA,	Head,	Ant
mintempC:	28.7,	28.0,	31.0,	24.2,	31.0,	10.3,	18.0
maxtempC:	30.3,	30.6,	33.0,	27.3,	31.4,	15.3,	21.8
meantempC:	29.1,	28.9,	32.4,	25.2,	31.2,	12.6,	19.1

PwrSply:	28,	12,	8,	5 VDC
minVDC:	26.19,	11.68,	7.87,	5.22
maxVDC:	27.84,	11.73,	7.89,	5.23
meanVDC:	27.09,	11.71,	7.88,	5.23

PLO(3.84,15.84 GHz) unlocked: None

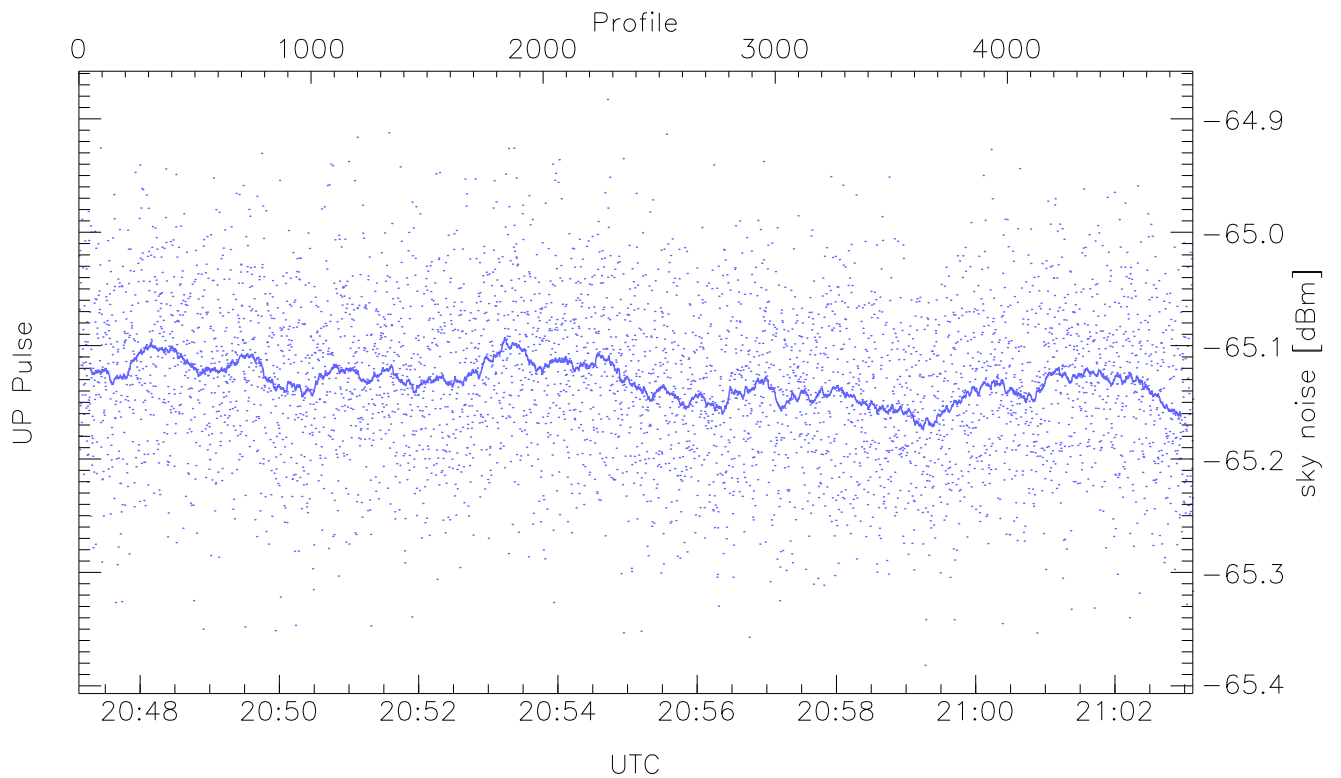
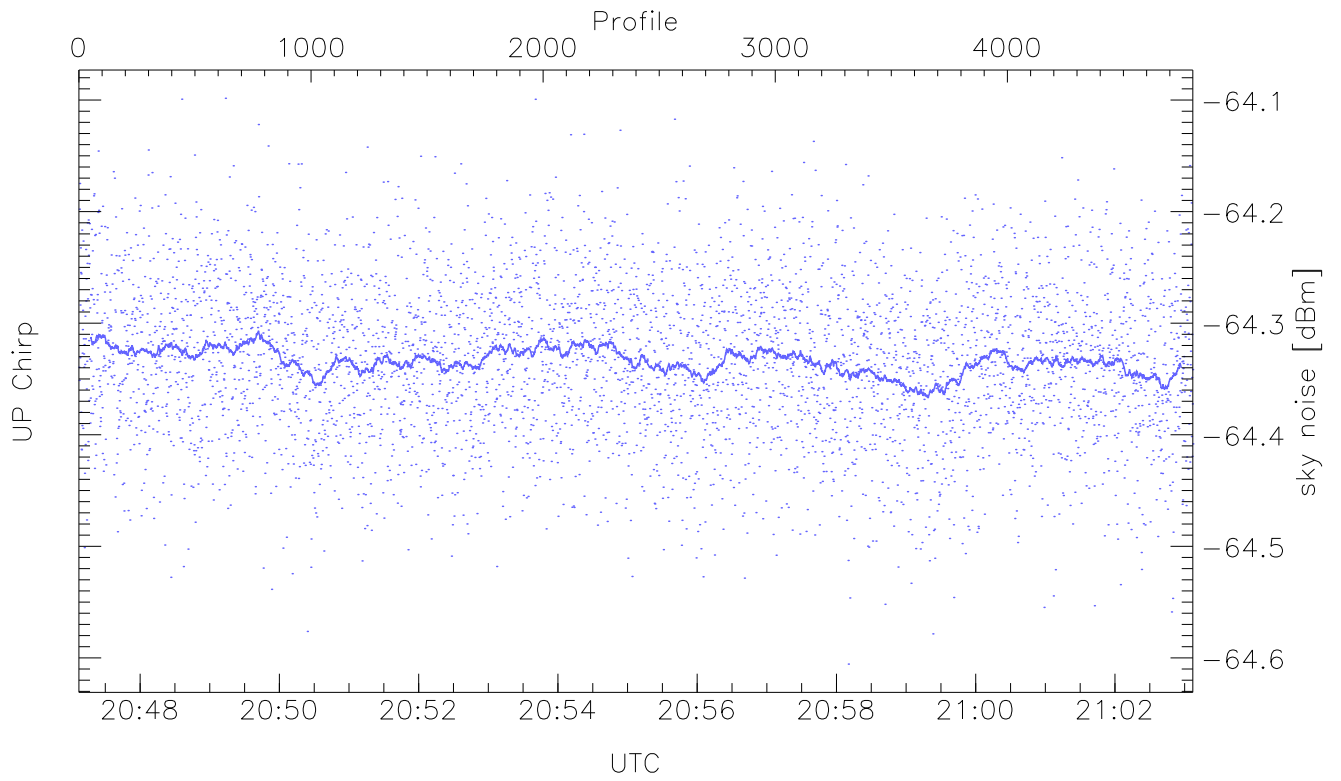


KPR SPP Receiver Gain and Noise Figure



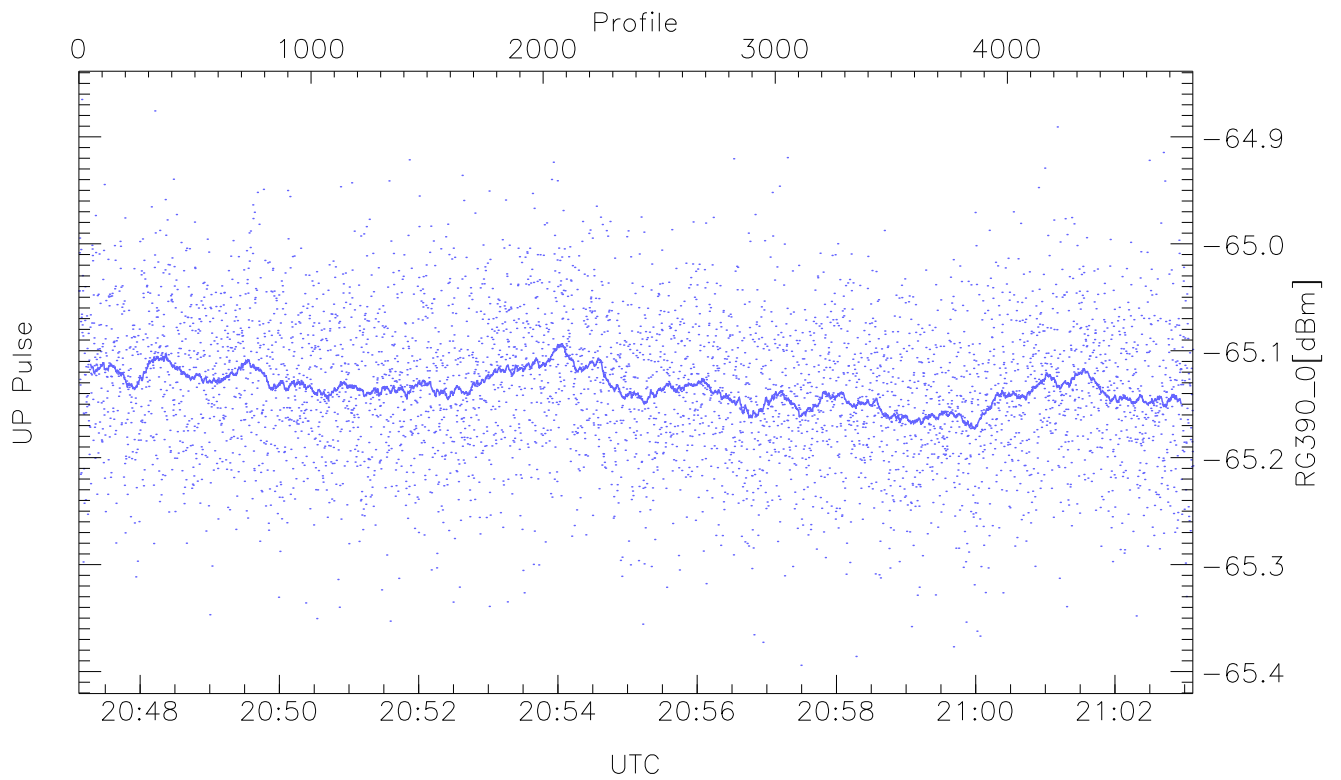
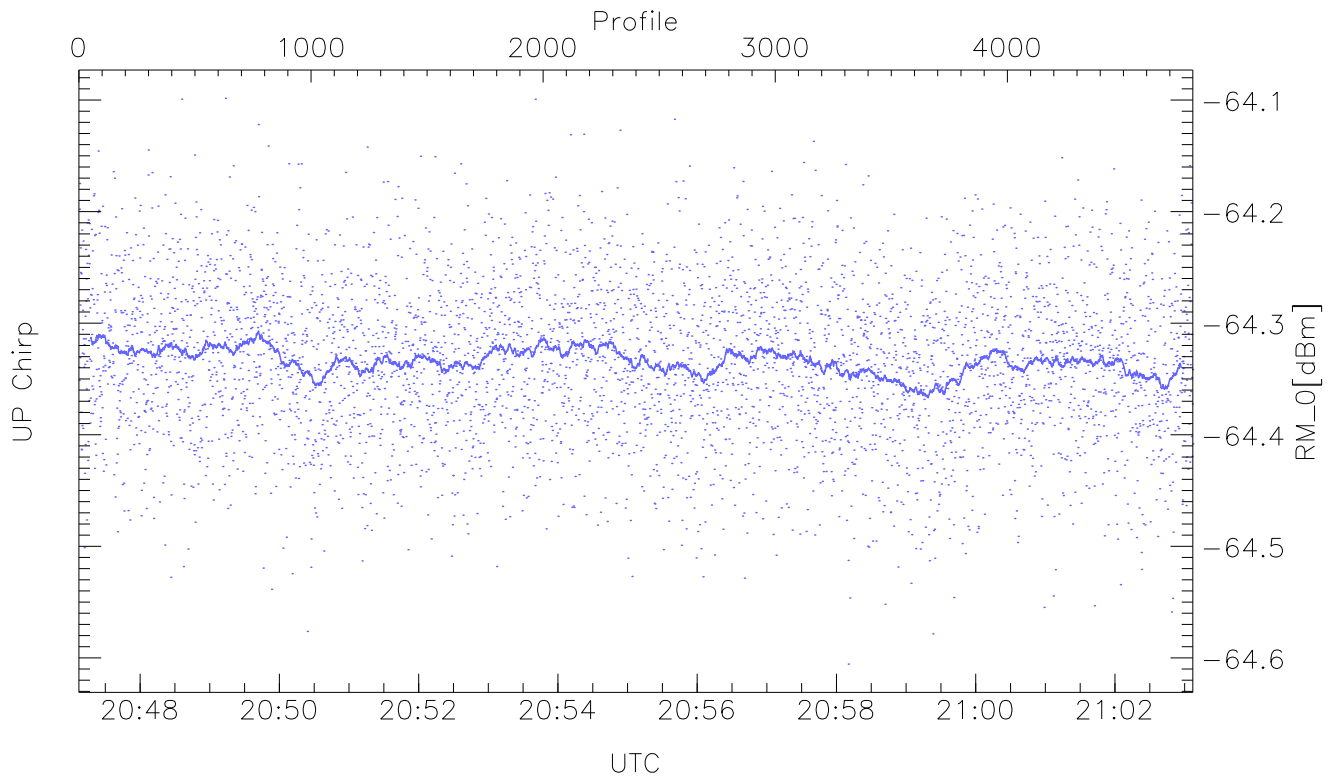
KPR SPP Receiver Noise Source Warm and Hot Measurements

	Min	Max	Mean	Median	StDev
Chirp(WL [dBm])	-62.96	-62.43	-62.69	-62.69	-80.55
Chirp(HL [dBm])	-58.76	-58.44	-58.60	-58.60	-78.72
Pulse(WL [dBm])	-63.44	-62.92	-63.18	-63.18	-81.16
Pulse(HL [dBm])	-60.48	-60.16	-60.31	-60.31	-80.44



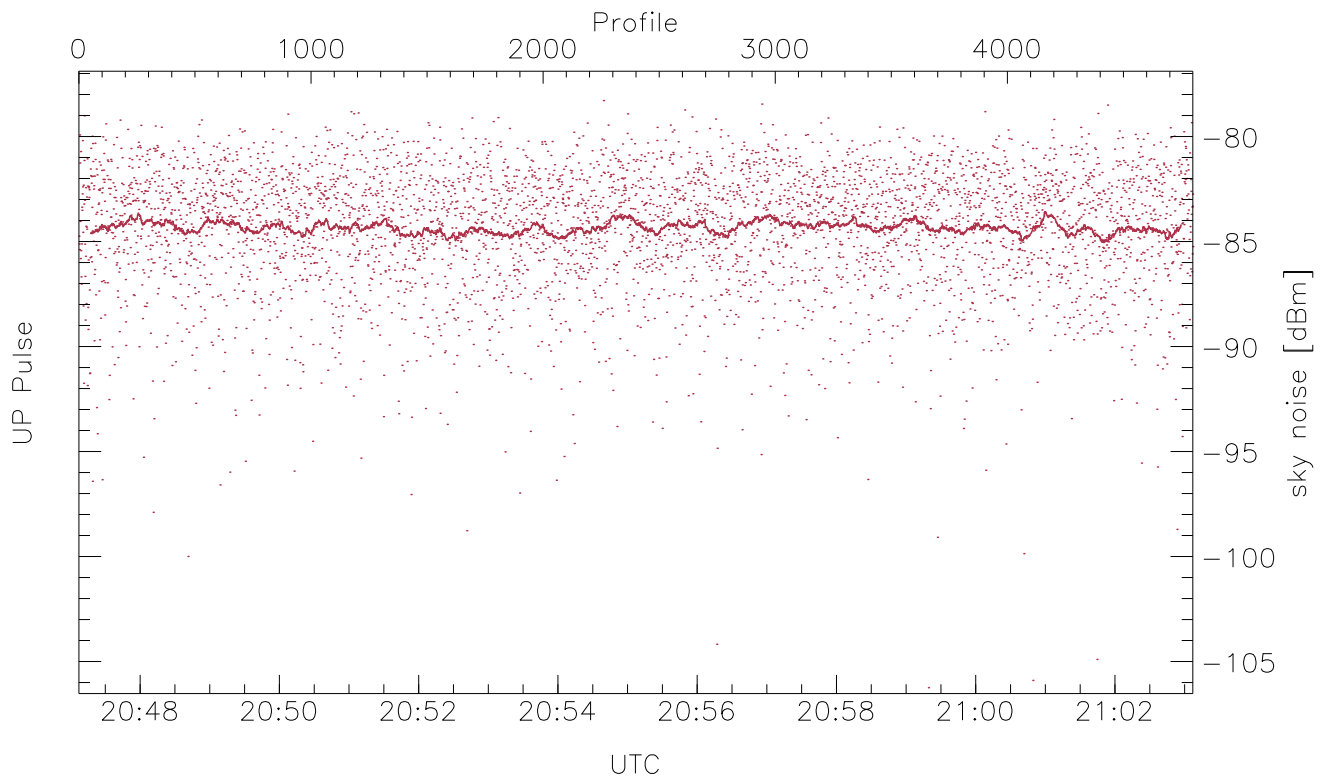
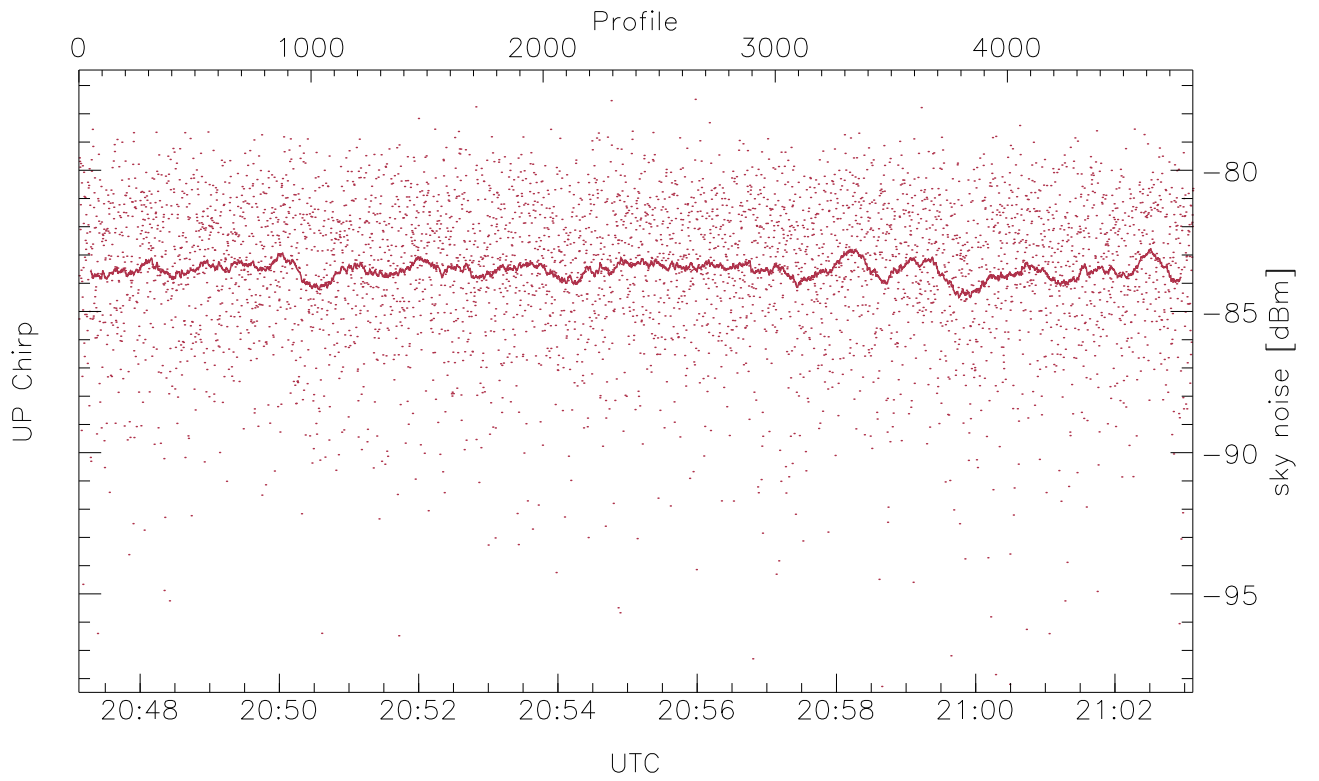
KPR SPP Last range gate power measurements: assumed RM(sky) noise

	Min	Max	Mean	Median	StDev
UP Chirp(dBm)	-64.61	-64.10	-64.33	-64.33	-82.29
UP Pulse(dBm)	-65.38	-64.88	-65.13	-65.13	-82.99



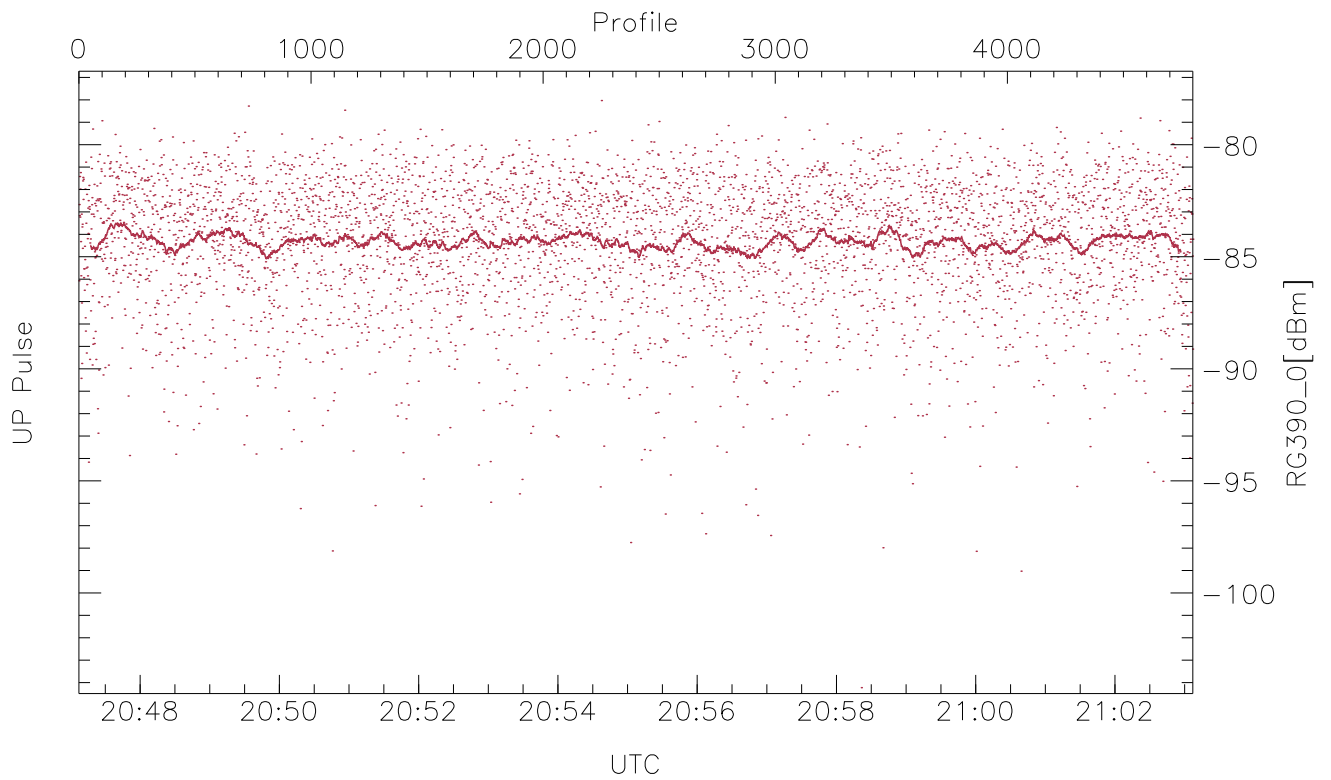
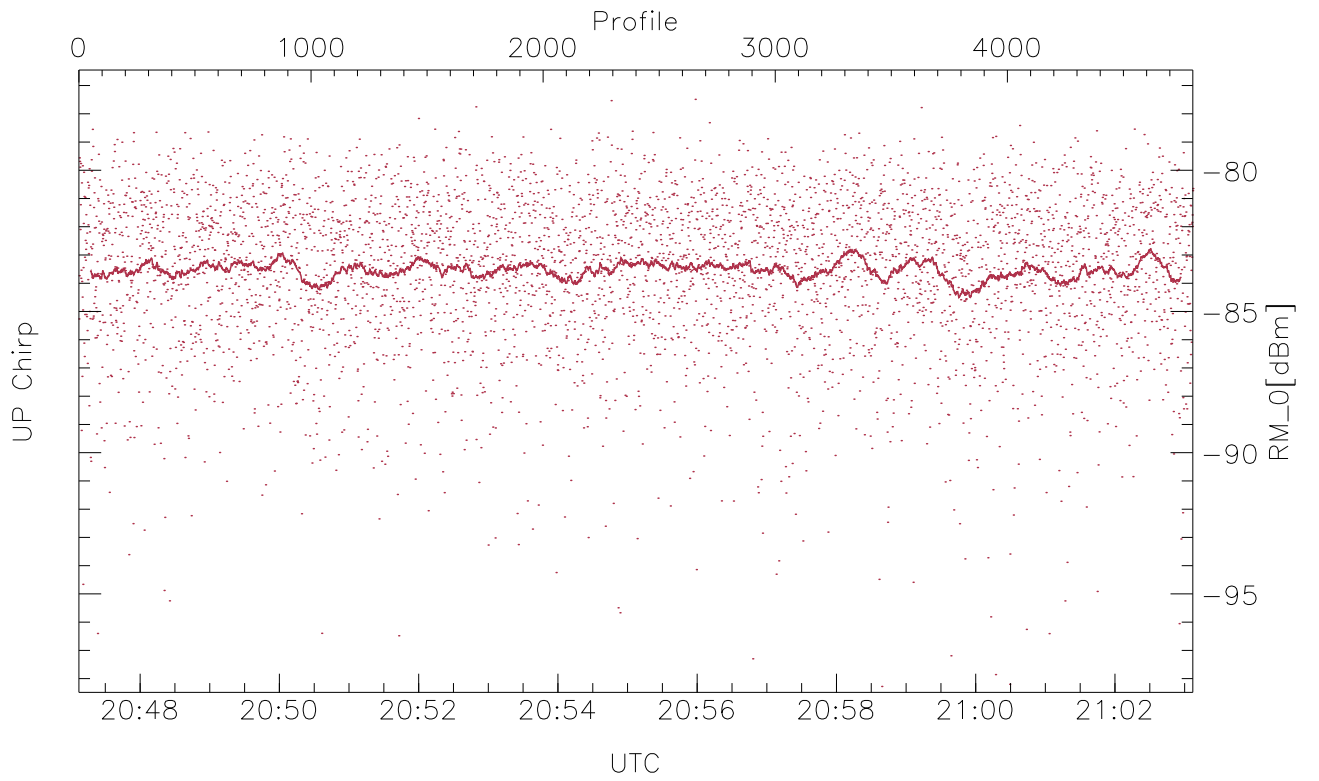
KPR SPP "Best" noise power measurements (dBm):

	Min	Max	Mean	Median	StDev
UP_C_RM_0	-64.61	-64.10	-64.33	-64.33	-82.29
UP_P_RG390_0	-65.39	-64.87	-65.14	-65.14	-83.08



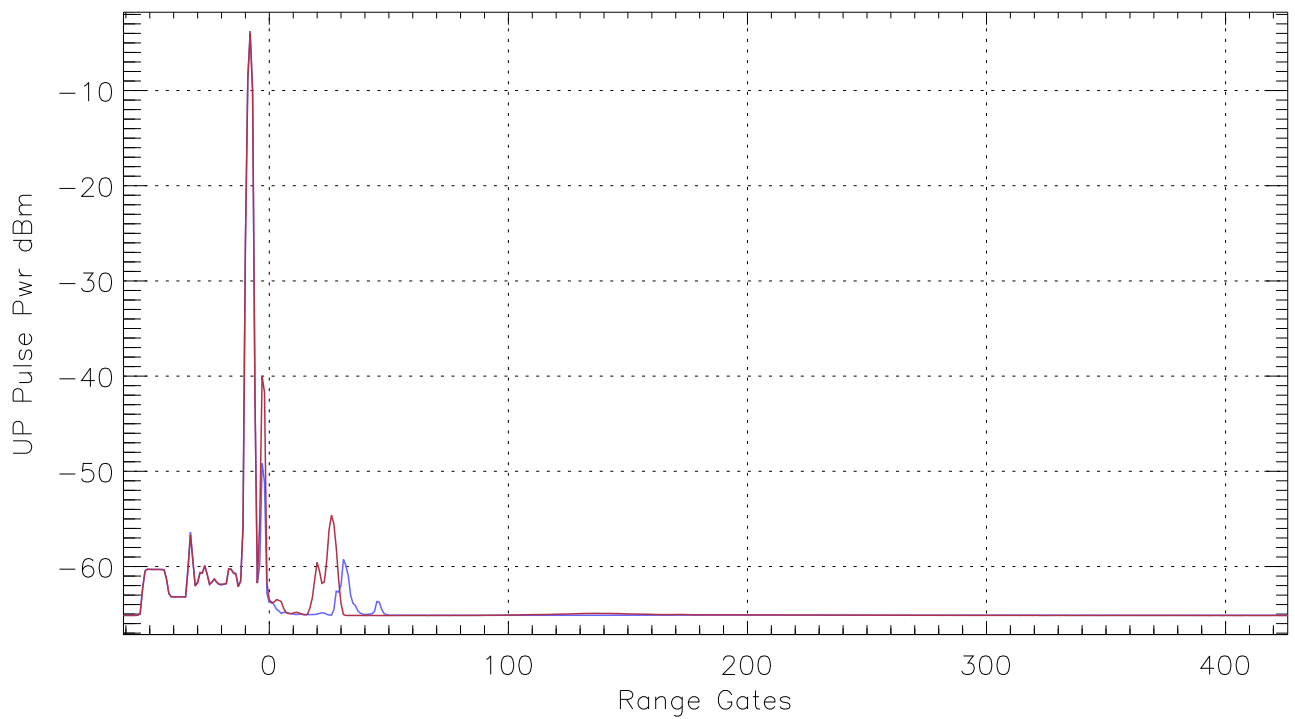
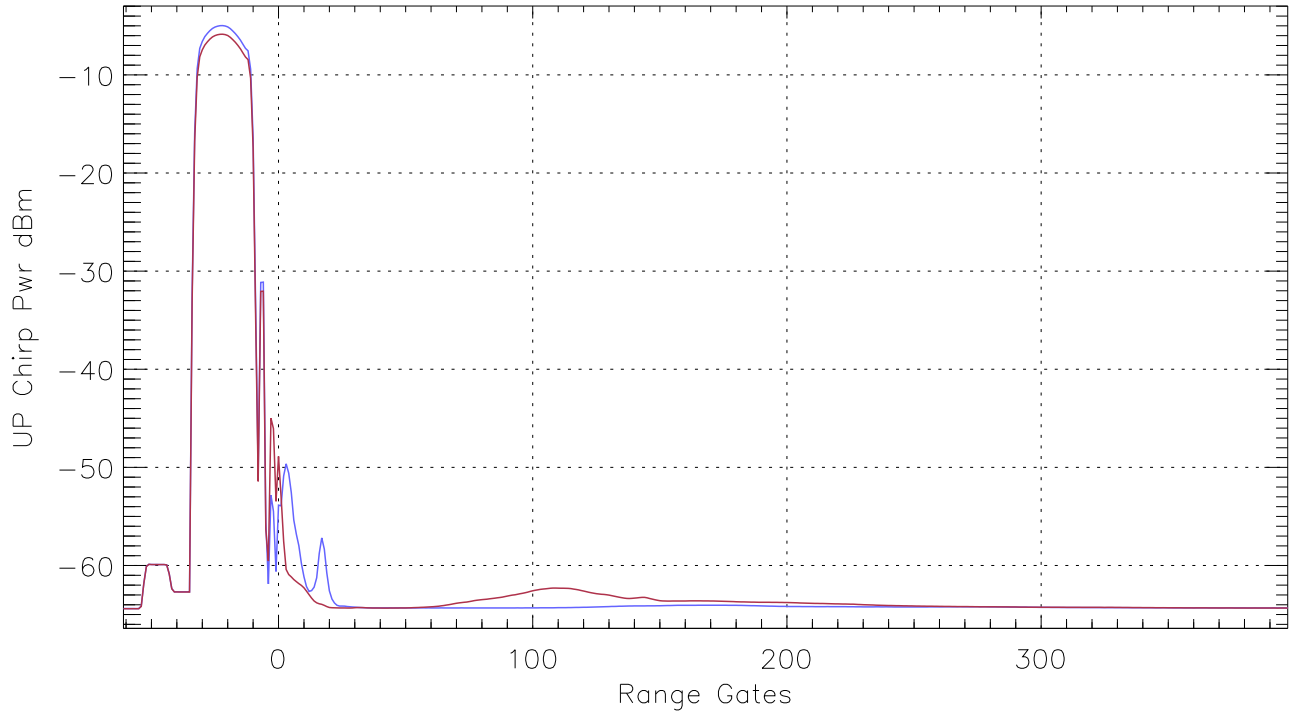
KPR SPP Last range gate PPMAG: assumed RM(sky) noise

	Min	Max	Mean	Median	StDev
UP Chirp(dBm)	-98.28	-77.49	-82.83	-83.13	-85.67
UP Pulse(dBm)	-106.25	-78.29	-83.58	-83.86	-86.30

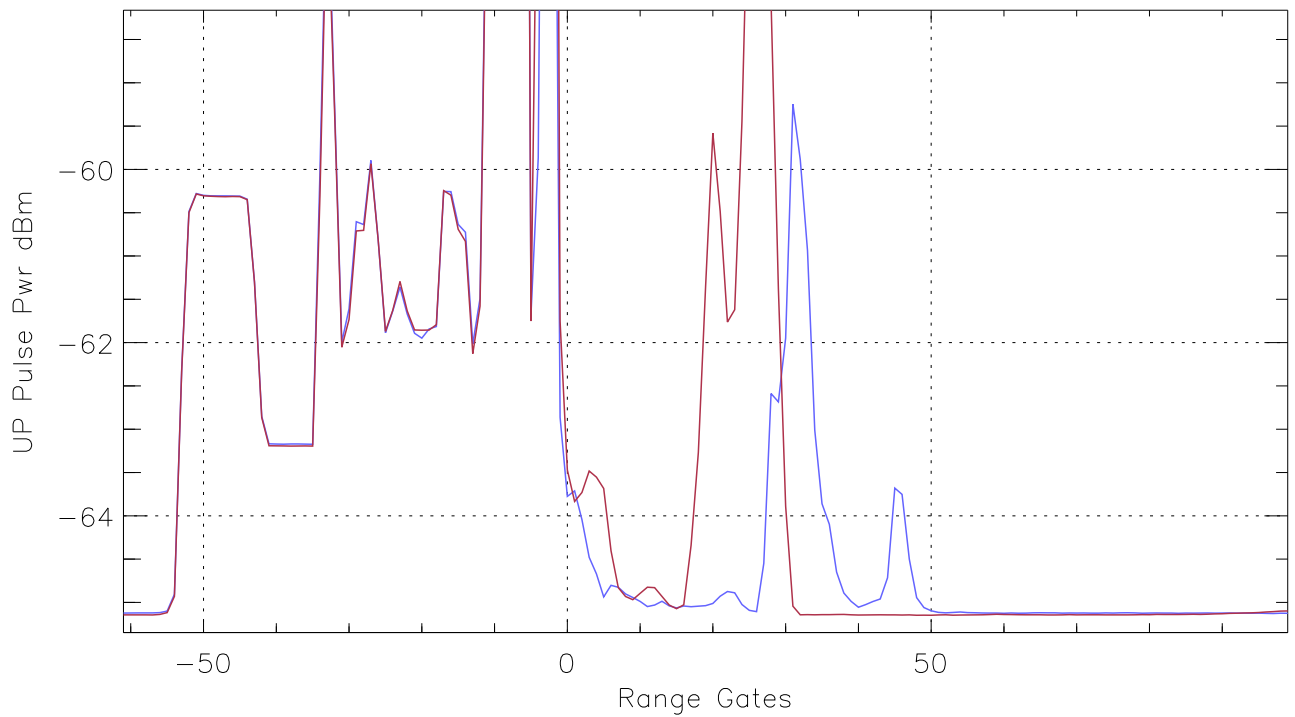
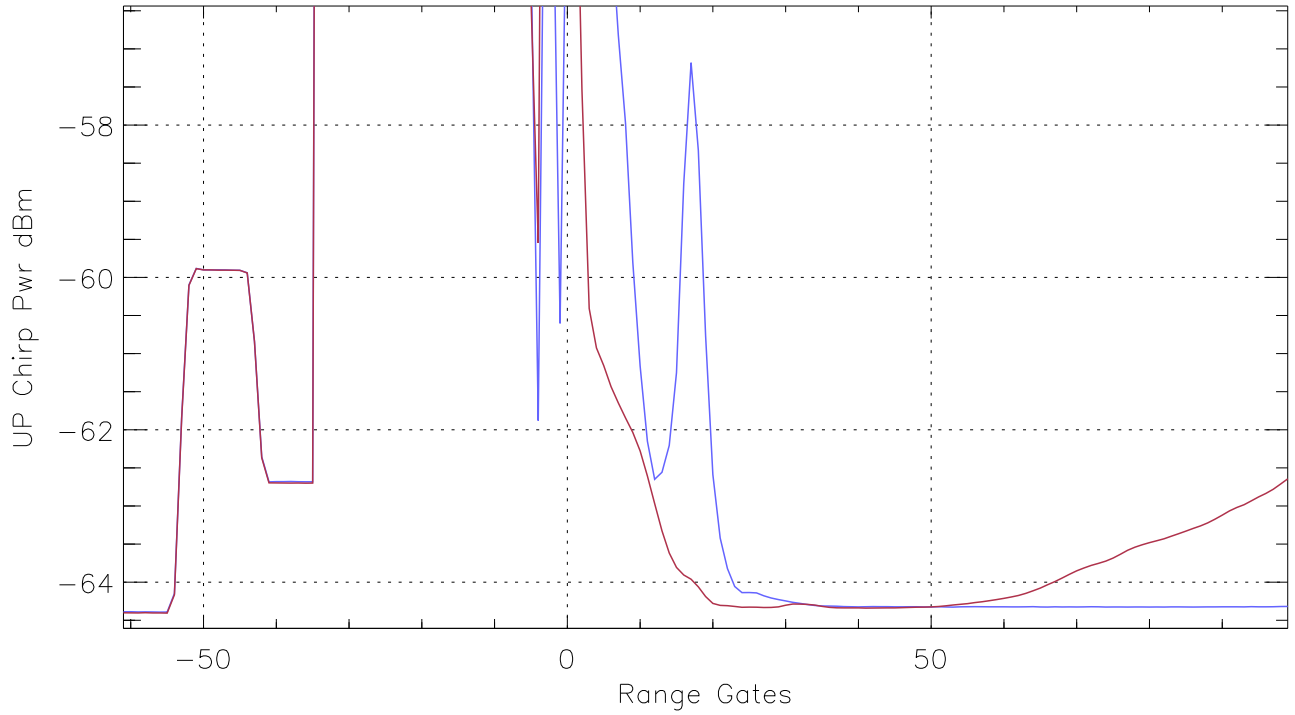


KPR SPP "Best" PPMAG noise (dBm):

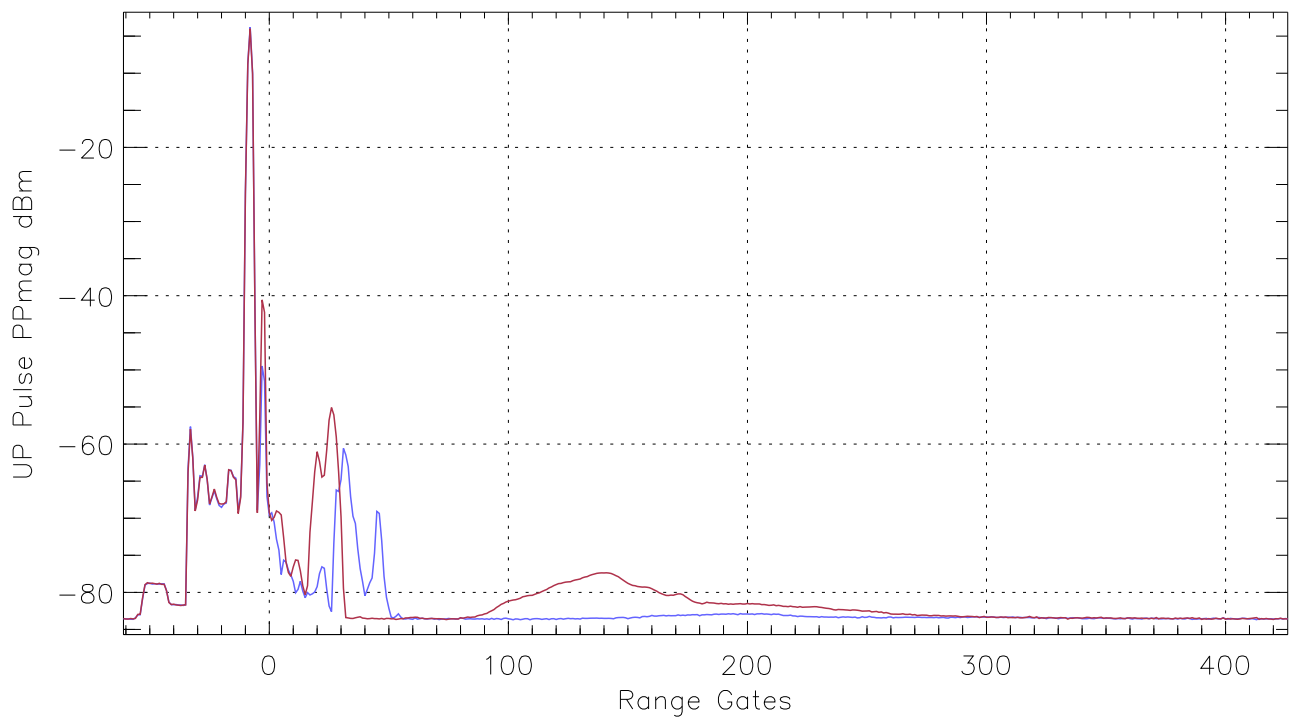
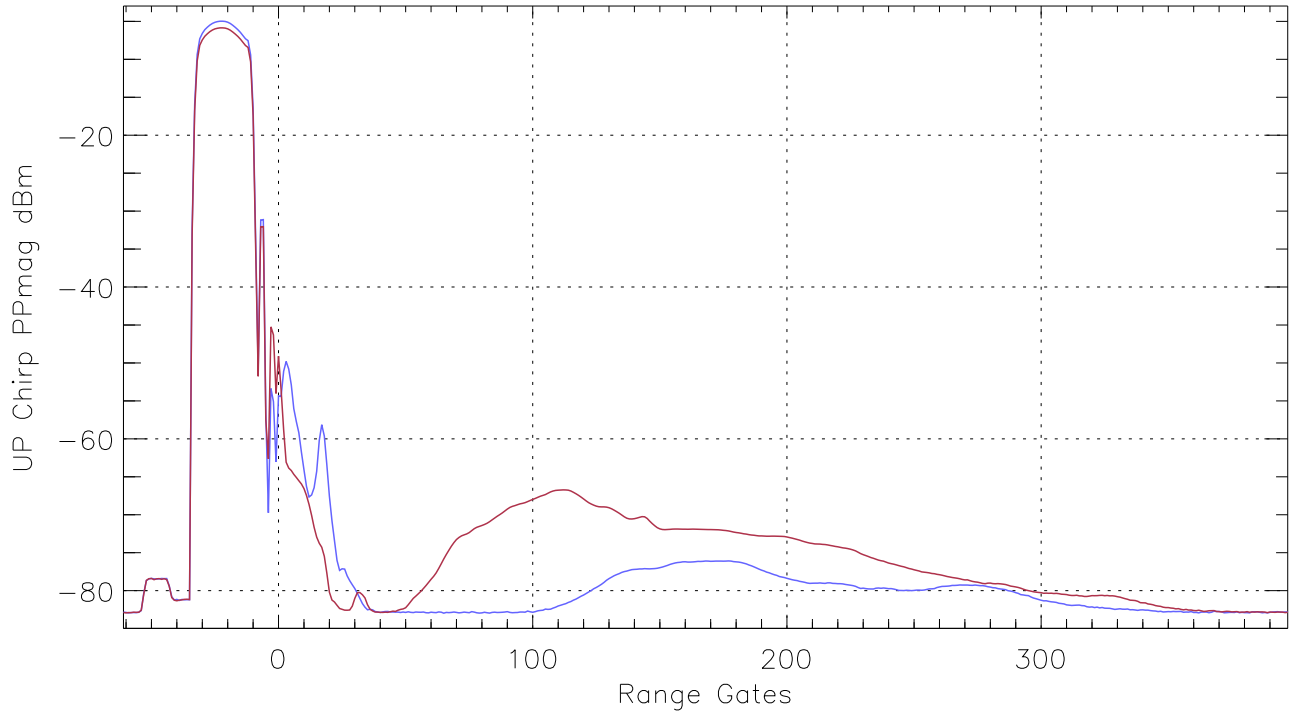
	Min	Max	Mean	Median	StDev
UP_C_RM_0	-98.28	-77.49	-82.83	-83.13	-85.67
UP_P_RG390_0	-104.23	-78.03	-83.60	-83.88	-86.37



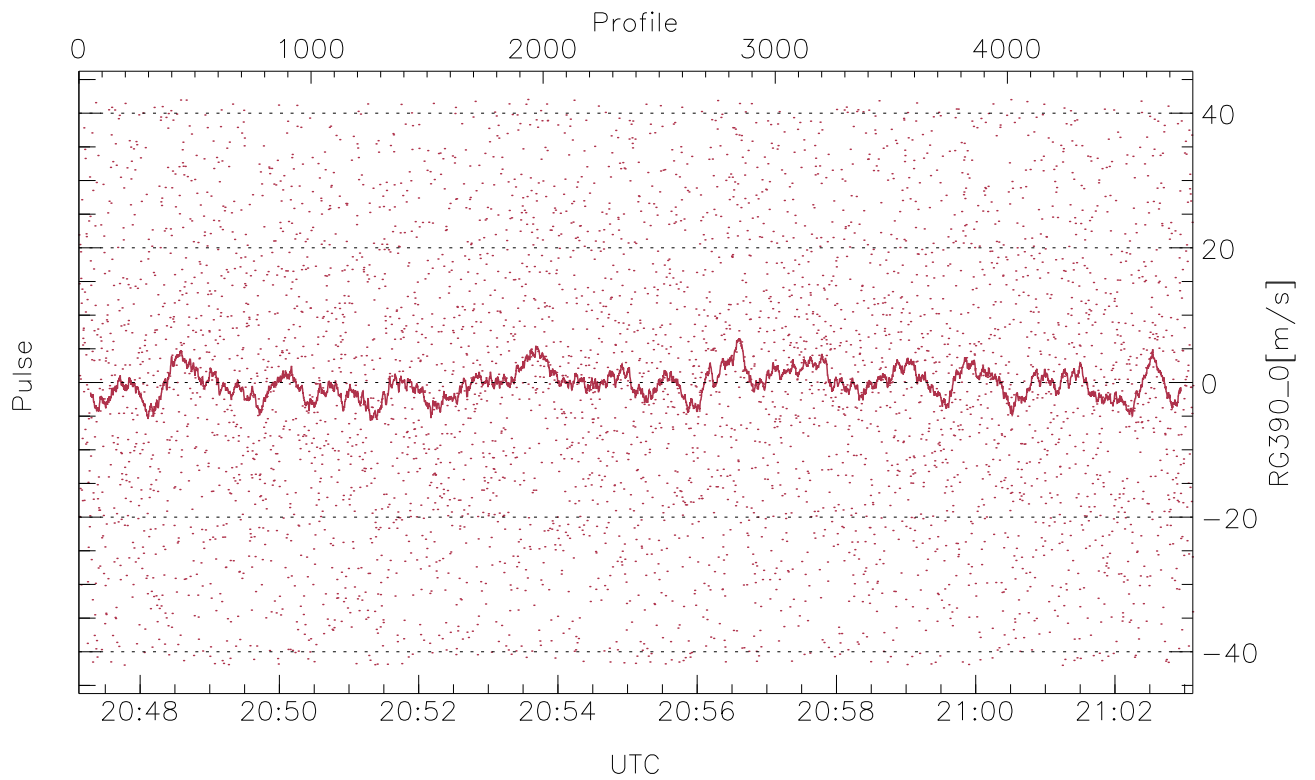
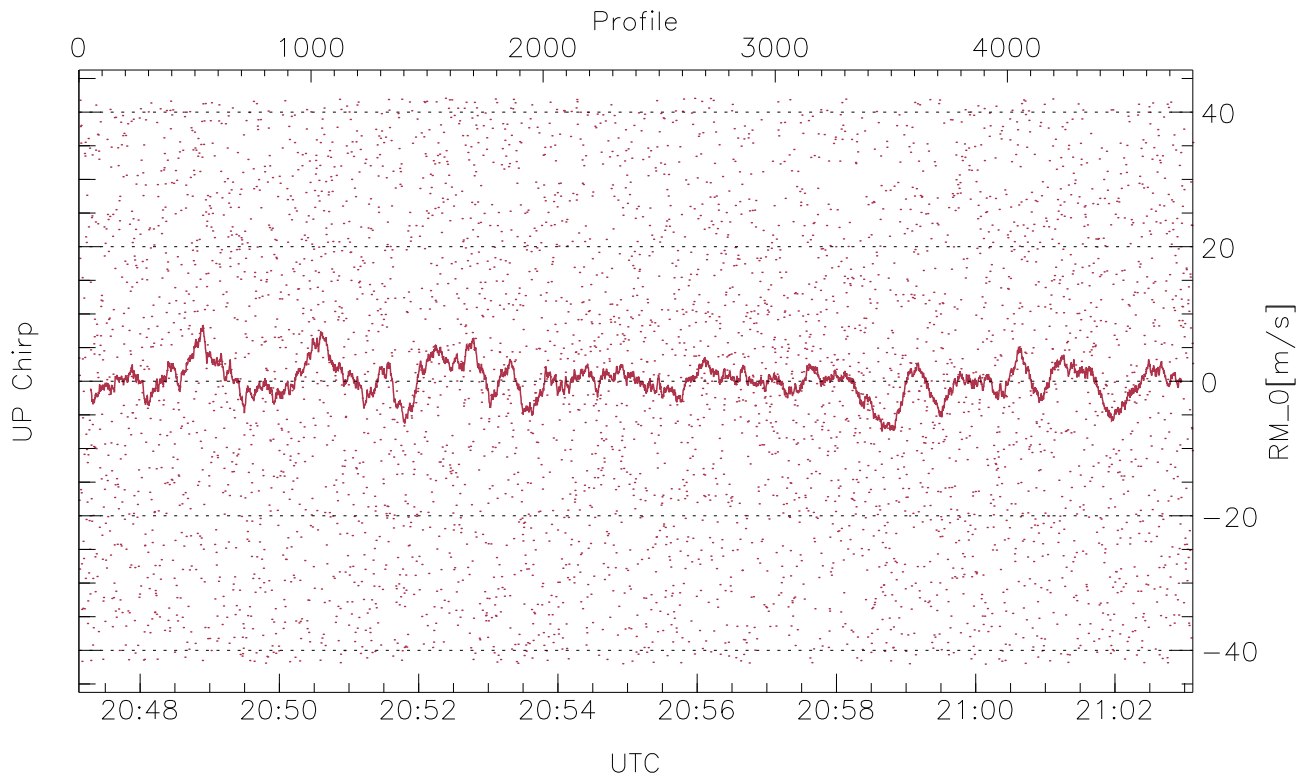
KPR SPP Averaged Received power for all recorded gates
blue: 204707-205507, 2401 profiles averaged
red: 205507-210307, 2400 profiles averaged



KPR SPP Averaged Power for neg. gates & up to 100 gates
blue: 204707-205507, 2401 profiles averaged
red: 205507-210307, 2400 profiles averaged

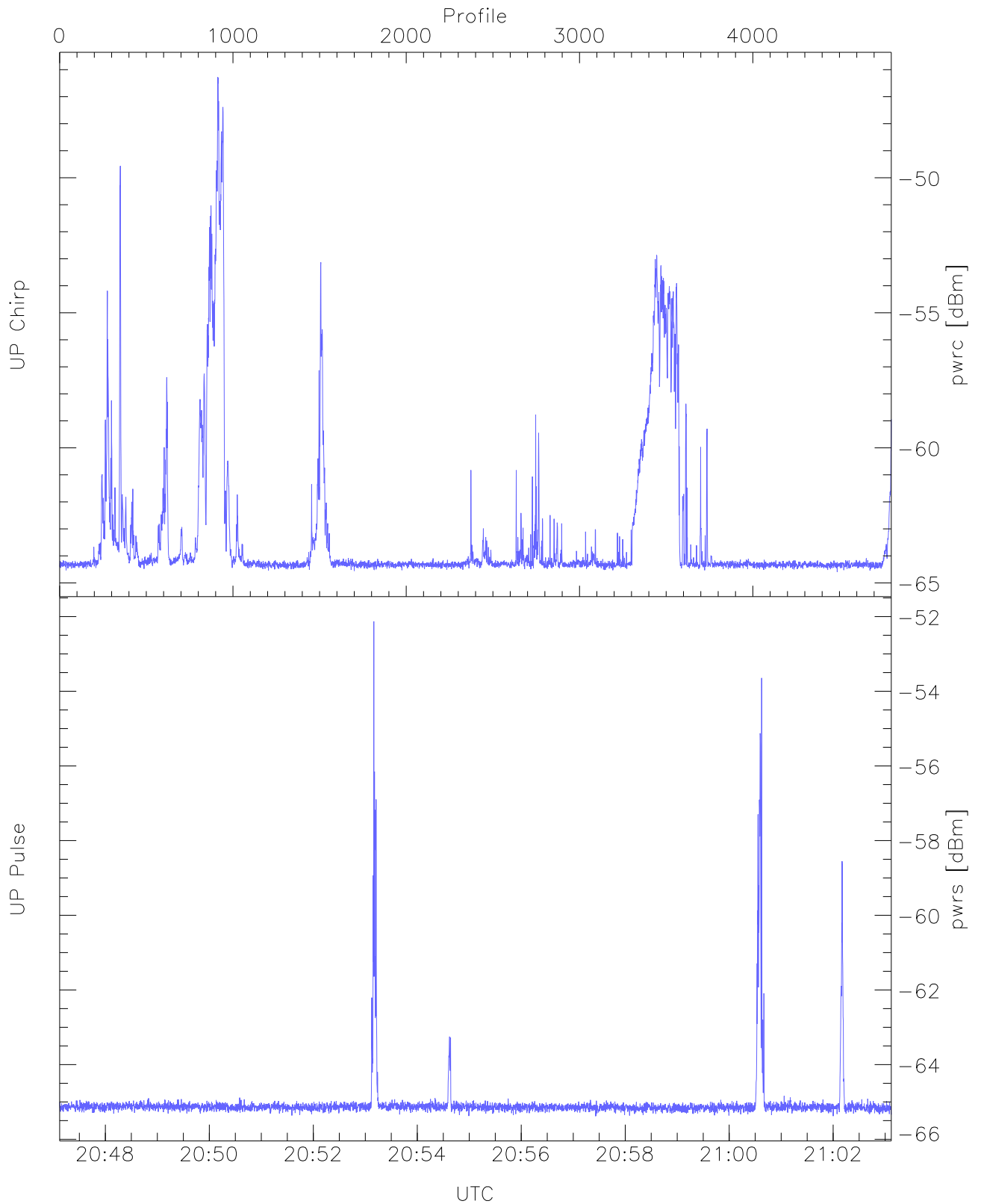


KPR SPP Averaged PP magnitude for all recorded gates
blue: 204707-205507, 2401 profiles averaged
red: 205507-210307, 2400 profiles averaged



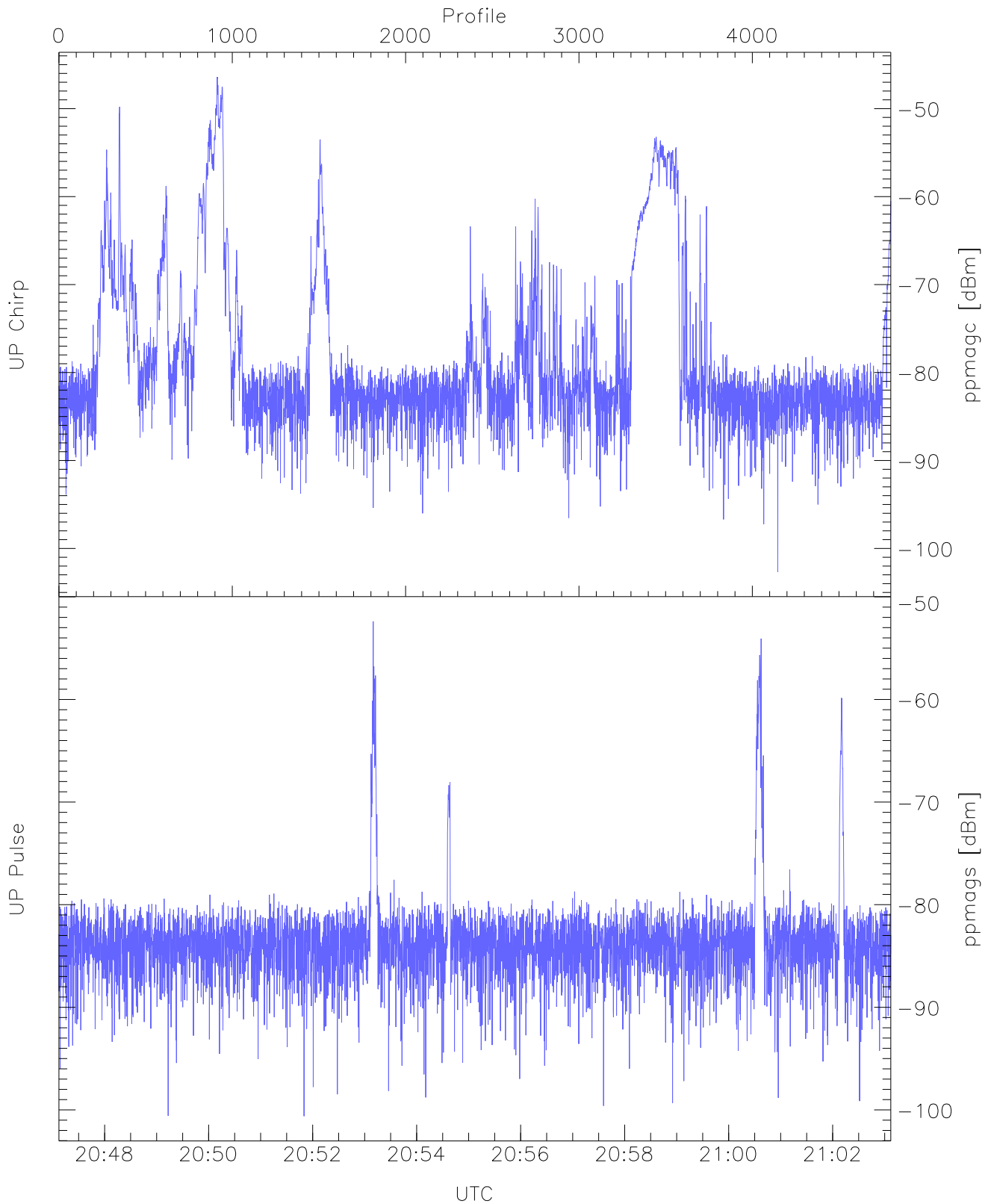
KPR SPP "Best" PPVEL noise (m/s):

	Min	Max	Mean	Median	StDev
UP_C_RM_0	-42.04	42.05	0.02	0.40	23.59
UP_P_RG390_0	-42.01	42.03	-0.20	-0.14	21.48



KPR SPP Received Power for Chirp Range gate 10 (686.2 m)
 KPR SPP Received Power for Pulse Range gate 10 (270.7 m)

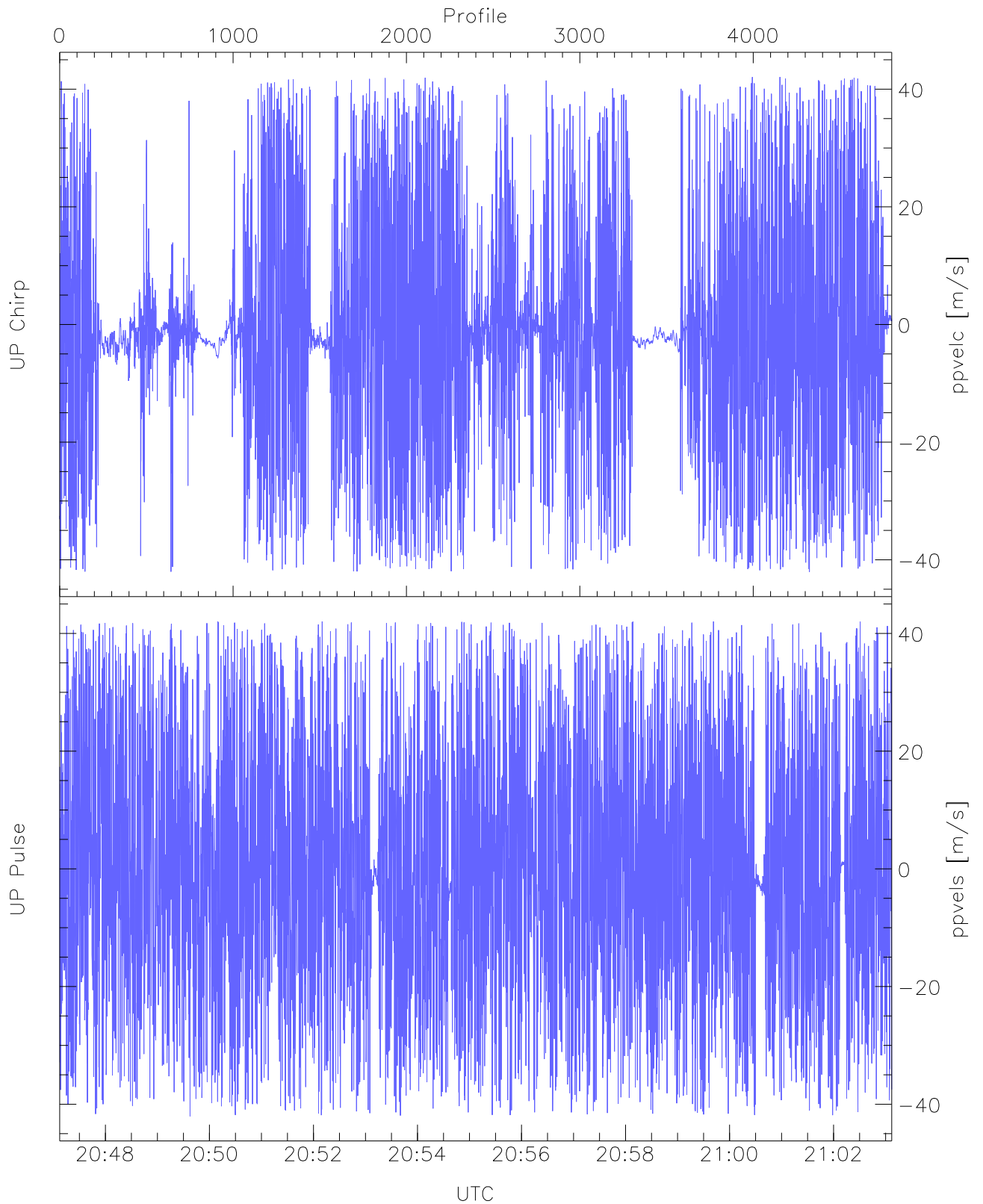
	Min	Max	Mean
UP Chirp(dBm)	-64.59	-46.27	-61.69
UP Pulse(dBm)	-65.38	-52.13	-64.94



KPR SPP PPMAG for Chirp Range gate 10 (686.2 m)

KPR SPP PPMAG for Pulse Range gate 10 (270.7 m)

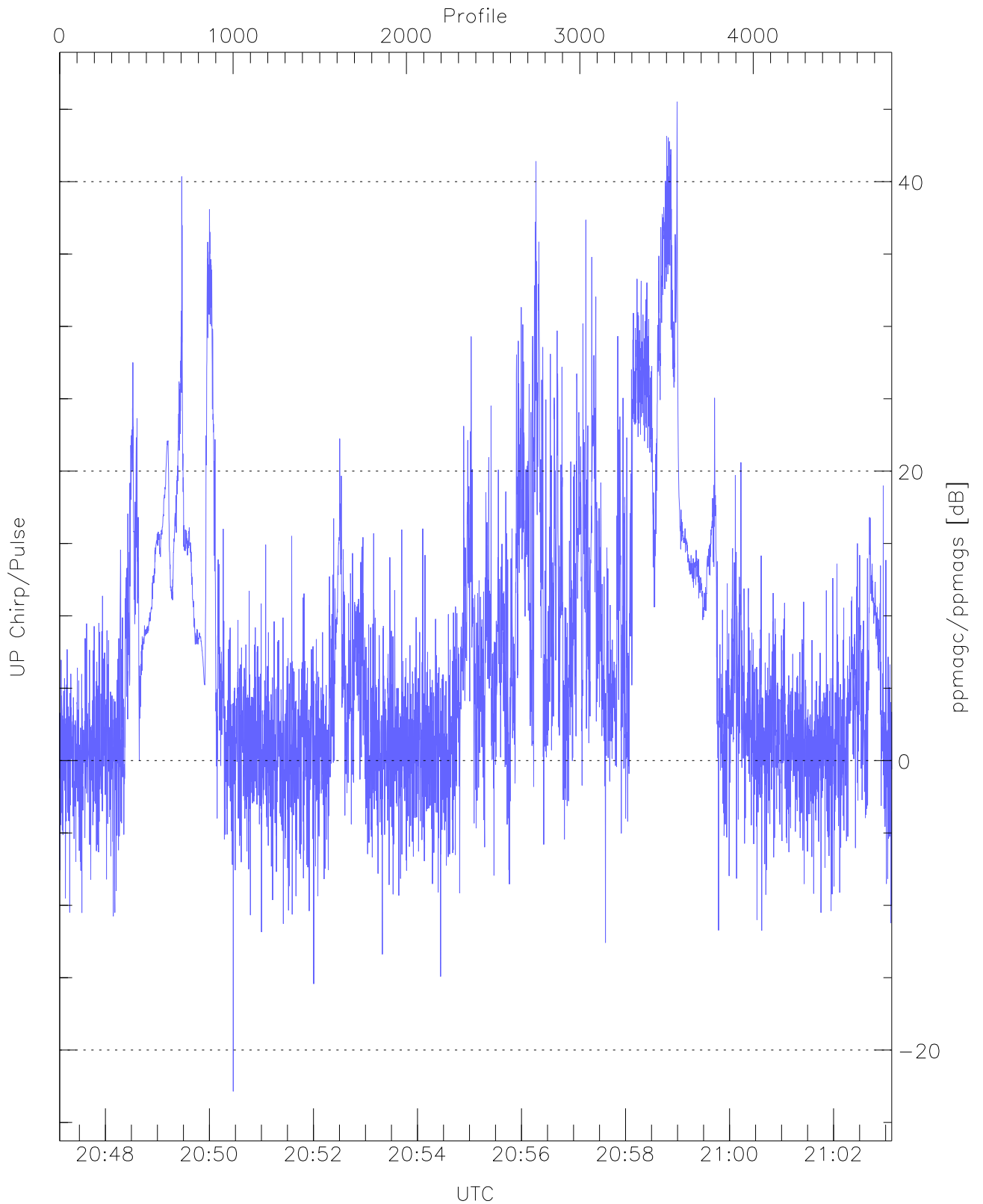
	Min	Max	Mean
UP Chirp(dBm)	-102.66	-46.41	-65.15
UP Pulse(dBm)	-100.61	-52.39	-77.43



KPR SPP PPVEL for Chirp Range gate 10 (686.2 m)

KPR SPP PPVEL for Pulse Range gate 10 (270.7 m)

	Min	Max	Mean
UP Chirp(m/s)	-42.05	42.06	-1.15
UP Pulse(m/s)	-42.03	42.06	-0.02



KPR SPP PPMAG Chirp/Pulse; Range gate: 551.3m /570.5m

	Min	Max	Mean
UP Chirp/Pulse(dBm)	-22.86	45.52	21.96