

# Pages refer to "Sentinel1 SAR Space Packet Protocol Data Unit S1-IF-ASD-PL-0007"

p.14: header

PID PCAT SequenceFlag Count Size p.52: signal type (SAR) p.54: number of Quads

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jmfriedt@rugged:~/sdr/esa/level0$ ./lit ./S1A_IW_RAW__OSDV_20210112T173201_20210112T173234_036108_043895_7EA4.SAF
E/s1a-iw-raw-s-vv-20210112t173201-20210112t173234-036108-043895.dat > res
jmfriedt@rugged:~/sdr/esa/level0$ head -n10 res
0c1c: 1(1) 65(65) 12(12) 5941: 3(3) 24 16730(61..65533)
Time: 1294507939:51872 352ef853(352EF853) 39 6a67 0006bb58 0006c67b T=0(0) 12055
0c1c: 1(1) 65(65) 12(12) c141: 3(3) 25 16834(61..65533)
Time: 1294507939:51917 352ef853(352EF853) 3a 5a5f 0006bb59 0006c67c T=0(0) 12055
0c1c: 1(1) 65(65) 12(12) 5941: 3(3) 26 16730(61..65533)
Time: 1294507939:51962 352ef853(352EF853) 3b 6b5f 0006bb5a 0006c67d T=0(0) 12055
0c1c: 1(1) 65(65) 12(12) 1141: 3(3) 27 16658(61..65533)
Time: 1294507939:52007 352ef853(352EF853) 3c 665e 0006bb5b 0006c67e T=0(0) 12055
0c1c: 1(1) 65(65) 12(12) 8541: 3(3) 28 16774(61..65533)
Time: 1294507939:52053 352ef853 352EF853) 3d 636b 0006bb5c 0006c67f T=0(0) 12055
    
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p16: GPS time & fraction p.17: sync marker

p.30: space packet & PRI count  
pp.23-29: word index & value