People BLE Protocol based on mmWave Platform v03.05

Abstract:

This document dedicated description for BLE Protocol based on mmWave Platform **Description:**

Appendix:

```
(A1) Frame Period Time : 400 ms (based on mmWave board firmware v03.09)
(A2) <TitleSection>
//* syntax: h f F P T t
```

	Item	Name	Location	Length	Туре	Description
//*	0	h	0	1	'['	Header (0x5B)
//*	1	f	1 2 3 4 5 6	6	U8 array	"frame="
//*	2	F	7 8 9 10	4	U32	FrameNumber
//*	3	Р	11 12 13 14 15 16 17	7	U8 array	"target="
//*	4	T	18	1	U8	TargetNumber
//*	5	t	19	1	']'	End (0x5D)
//*						

//* ------

(A3) <DataSection>

	Item	Name	Location	Length	Туре	Description
//* //* //* //* //* //*	1 2 3 4 5	h tid x y vx vy tid	0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	1 1 4 4 4 4	'<' U8 F32 F32 F32 F32 U8	Header (0x3C) TargetID position x position y velocity vx velocity vy TargetID(sameAsAbove)
//* //*	7	t	19	1	'>'	Tail (0x3E)

Notes: type definition as followings, U8 := unsigned char (1 bytes)

U32 := unsigned long (4 bytes in LittleEndian format) F32 := float (4 bytes in LittleEndian format)

(A4) example on data logged in Real case

