02 01 04 03 06 05 08 07 🡪 magic word

04 00 00 02 🡪 sdk version 4

80 02 00 00 🡪 total packet length 4

42 16 0A 00 🡪 platform 4

7F 05 00 00 🡪 frame no.

83 3C 59 ED 🡪 time

02 00 00 00 🡪 no. of detected objects

03 00 00 00 🡪 no. of data structure in packet

00 00 00 00 -🡪 structure tag

01 00 00 00 🡪LO structure

1C 00 00 00 🡪 descriptor

02 00 09 00 🡪 Object Struct ( while(i++ != #DetObj))

**Target 1:-**

FF 00 🡪 range index

00 00 🡪Doppler index

41 00 🡪 peak value

B2 00 🡪 x coordinate

3D 16 🡪 Y coordinate

00 00 🡪 z coordinate

**Target 2:-**

FF 00 🡪 range index

00 00 🡪Doppler index

3A 00 🡪 peak value

9A 0E 🡪 x coordinate

CA 10 🡪 Y coordinate

00 00 🡪 z coordinate

02 00 00 00 🡪 no. of detected objects

00 02 00 00 🡪 XYZ Q Format (4 bytes)

B0 78 5E 80 🡪 structure tag 4

0E 82 63 7D 🡪 Length of structure 4

8E 71 BC 60 41 59 78 58 E1 5E 23 5B E2 62 01 6D 81 6A 3C 61 2C 57 10 51 55 55 D4 59 5E 64 65 66 🡪 log mag range profile

A9 60 A5 5F🡪 structure tag

24 66 FE 60 🡪length of structure

69 60 F6 62 73 5D 0E 54 16 5C FD 5F 32 5B 78 59 27 60 9D 66 69 76 10 7F 4D 7D 7C 7A E8 79 43 76 🡪noise profile

A9 7B 31 7F 🡪 structure tag

98 80 E5 7E 🡪 length of structure

82 7E 02 7D 22 74 39 6F 3D 77 5A 7C E4 7C B4 7D 5A 7C 66 76 B9 71 71 71 80 6D 55 72 C9 6C B2 6A AE 6D 65 71 11 77 BC 73 32 70 D8 6E E4 70 68 6E 01 6B 50 69 B9 6E 4D 6E C8 6D 6D 70 92 6D E2 70 FE 6F 1C 73 6D 6D A8 62 A0 67 F0 6B 09 69 A4 65 F6 68 9F 6D 5C 6C E6 6A F0 6B 04 6B 2B 68 59 65 96 6A 6A 66 A7 65 45 6F 52 6F 59 71 89 6B 01 69 9F 6B D9 69 F5 65 B8 67 B9 6A 38 6A A3 65 82 64 5C 61 4A 5A DD 64 C6 65 3C 60 F8 5B FA 5A 17 5C 9D 61 81 5F 20 5D 4C 61 3C 61 EA 5B 02 5A DA 59 48 5A D4 58 FA 56 A1 58 F4 57 F9 59 8E 5A CB 5B CC 58 EF 5A DF 59 D8 57 C1 55 EB 56 FD 55 42 56 70 54 94 58 C5 57 DA 53 09 54 45 4F 64 50 9B 51 2B 52 C8 53 30 54 93 51 6D 55 EF 54 35 53 B8 50 17 50 C5 53 56 54 D8 53 12 4F 51 4A 36 4D BD 4E F9 4E 39 4F A2 51 A6 51 8F 4F 88 4C 0A 4D A6 4A 🡪 range azimuth heat map 8\*8\*4=256

3C 4E 81 4C 🡪 structure tags

09 4A D1 4C 🡪 Length of structure

 C6 4E AE 4E 60 4D 2E 49 C1 4B 10 4B 5F 4B 6E 4C B6 48 D9 4B CA 48 75 48 E7 48 B3 48 47 47 C7 49 EA 49 31 48 AA 46 71 46 F5 44 C4 42 1F 46 96 47 8D 44 09 45 E6 44 F2 4A 42 4A 77 46 35 43 A7 44 07 46 0A 43 FE 47 3A 4A DE 46 84 47 48 42 26 41 52 46 81 47 F3 42 16 43 13 42 1D 42 A5 42 1A 42 AF 43 33 43 79 45 6B 44 AA 43 E9 46 70 45 F2 46 30 42 67 43 4B 42 9E 44 8E 40 02 3E D0 3C 38 3D 58 3C A0 38 FD 35 DE 39 0E 3F FF 43 🡪 range azimuth heat map 148

84 3B 31 3C 🡪 structure tag

28 3B 80 3B 🡪 Length of structure

F7 3B 6C 44 🡪Inter frame processing time

B1 4F 61 5E 🡪transmit output time

05 63 35 6B 🡪inter frame processing margin

06 00 00 00 🡪 inter chip processing margin

18 00 00 00 🡪 Active Frame CPU Load

7E 0E 00 00 🡪 InterFrame CPU Load

F1 1B 00 00 E3 49 01 00 BA 0E 00 00 03 00 00 00 04 00 00 00 0F 0F 0F 0F 0F 0F 0F 0F 0F 0F 0F 0F 🡪 padding bytes