

UAS - UAV

(UAS - UAV) ... 400 ... (FAA) ... RF ...

... - ...

... , ...

82 0 ,0000 .2022 00 0000 000000 21 00 00000 0000 0000000 000
000000 0000000 000000 .000000 000000000 0000000 00000 0000000
000000 19 000000000 ,2021 00 00000000 0000 0000000 2.5 0 000000
0000000 00000 000000000 000000000 .000 000 000 00 000000 0000
000000 0000 00000000 0000 00000000 00000 0000000 .000 00000000
00000 ,00000000 0000000 000000 , (00000000 0000000 0000) 00000000
00000 ,0000000000 000000000 0000000 , (0000000 00000 0000) 0000000
,0000 000 .000 000 000 0000000 00000000 000000 0000 ,0000000
00000 0000000 000000000 0000000 0000000 00000 00000 00000
000000000 0000000000 .0000000 00000 0000000 0000000 0000000000000
.000000000 0000 00 000000000 000000000

000 00 ,000000 0000 00000000 0000 00000000 0000 000000 ,0000 00000
, (00000000 000000 0000000 0000) 0000 00000000 00000000 00000 0000
.0000000 00 0000000000 0000000 0000 00000 000000000

00 0000000000 0000000 000000 000000 FAA 0 - 000000000 0000 00000000
00 0000 2015 0000 000 .000000000 0000000 000000 00000000 0000000
0000000 0000 000000 00 000000 00000 000000 55 0 0000 000000 0000
0000000 000000 000 00000000 000 00000000 .00000000 00 00000000
,00000000 000000 .000000000 00000000 00 FAA 0 000000 00000000 ,00000000000
0000000 0000000000 0000000000 0000 000 000000000 0000 000000 0000000
000000000 000000 00000000 00 00000000 00000 0000 0000 0000 0000
0000000 00000000 00000) 0000000 00 000000 000000 0000000 00000 .000000
000000000 0000000000000 0000000 ,00000000 00000 , (000000000 0000000000
0000 00000000 000000 0000 FAA 0 ,000000 00000 000000000 000000000 0000000
.0000000000 000000000 00 0000000 0000

000 0000000000 ,0000000000 0000000 00 000000 - 00000000000 0000000 0000
000000 400 0 0000 .0000000 000000 000000 0000 ,0000000 000000 00000000
000000000 "cool"-0 000000 00000000 00000000000 000000 0000 000000 000000
0000 00000 0000000 0000 00000 0000000000 .000000000 000000 0000000000
00000 0000000000 0000 00000000 000000000 00 0000 0000 00 00000000 000000
.000000 00000000

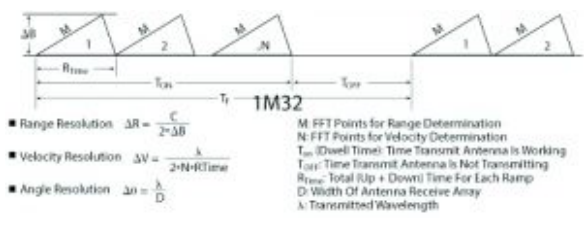
00 ,00000 00000000 000000 0000 00 - 00000 0000000 RF 0 00000000 000000000

..... GHz 24

.....

..... (ADAS)

..... (FMCW) - FMCW



..... FMCW 1

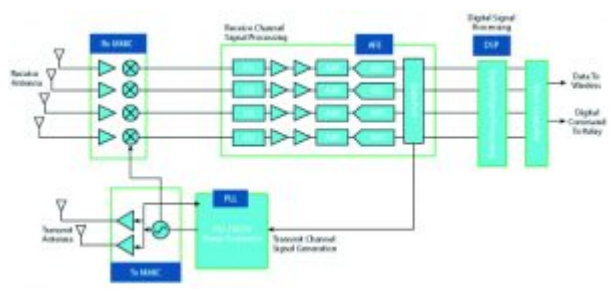
..... ;.....

..... FMCW

. 000000 000000

00000 00 000000000 000000 ,00000-000000 00000 - 00000-000000 000
00000 00000 00000 00000 0000000 0000000 000 000 00000-000000 .00000000
0000000 000000 00 00000000 "000000'0" 00 "0000000" 0000
2D 00000 00000000 0000000000 00000000 .2D 0 0000000 00000000000000
000000 00 00 00 ,000000 0000000000 000000 000000 000 0000000 00000000
000000 000000 00000 000 000000 00000 00000 00000 00 000000 .00000000 0000
00000000 000000 000000 ,00000 ,000000 00000000 0000000 00000000000
00000 00 00000000 000000000 00000000 000000 0000 0000000 000000000
.00000000

00 0000000 000000 0000000 , (DBF) 00000000 000000 000000 000000 - DBF
00 000000 00000000 000 000000 0000000 00000000 000000 000000 .000000
000000 00 0000000 00 0000000 0000000 00 00000 0000000 ,000000 0000
,000 00 00 ;FMCW 00 00000 000000 0000000 0000000 ,DBF 00000 .xy
000000 ,000000 000000 00000 .00000 000000 000000000 00000000 IF 0 000000
000000 000000 000 000000 000000 000000 0000 00 00000000 000000 0000
00000 000 00 000000 front-end 0 00 00000 00000 DBF 0 0000 .00000
.00000 000000 000 000000000000000000 00000 0000000000



.Analog Devices 000 00 00000 00000000 000000 00000 000000 2 000000

GHz 24 000000-00 00000

,00000 00000 000000 ,000000000 000000 00000 0000000 00000 GHz 24 00000
000000 00 00000000 000 00000000 .000000 00000000 ,000000 00000000 000000
,0000000000 000000000 00000000 000000000 00000 00000 00000000 GHz 24
000000 .000000000 00000000 000000 000000000 000000 000000 00000000 00000000
.2 00000000 00000000 Analog Devices 00000000 00 00000 0000

24 GHz 77 GHz 77 GHz 77 GHz . GHz 77 GHz 77 GHz . , , .

dB , , (SNR) .

GHz 24 GHz : .

- FMCW 200 60 15
- 15 120 DBF
- 2x 5x

(LiDAR) ultrasonic (ToF)

RF ,mmWave , .

www.marketsandmarkets.com/Market-Reports/commercial-drones-market-195137996.html .1