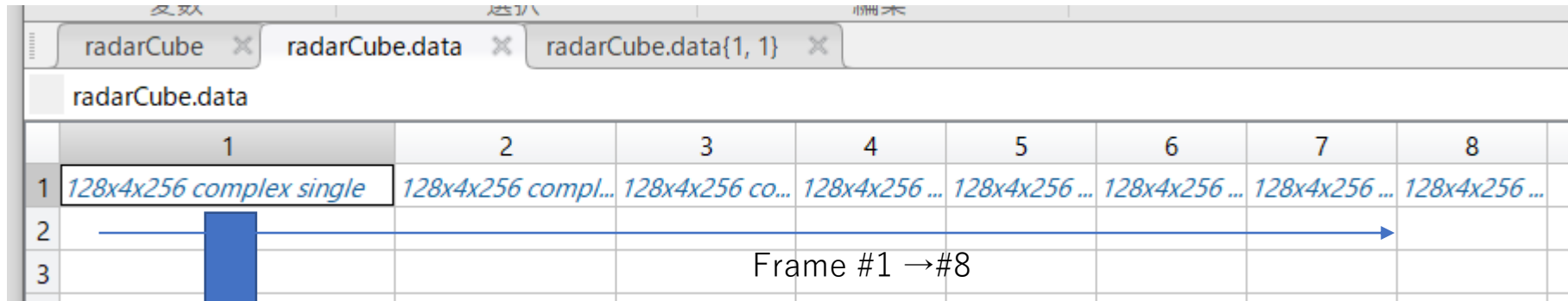


mmWave Studio, "rawDataRadar.m"

8 frame, 128 chirp/frame, 256 samples/chirp

radarCube.data



The image shows a MATLAB variable viewer window for the variable 'radarCube.data'. The window has three tabs: 'radarCube', 'radarCube.data', and 'radarCube.data{1, 1}'. The 'radarCube.data' tab is active, showing a table with 8 columns representing frames. The first column is highlighted, and a blue arrow points from it to the text 'Next page'. A horizontal blue arrow spans from the first column to the eighth column, with the text 'Frame #1 → #8' below it.

	1	2	3	4	5	6	7	8
1	128x4x256 complex single	128x4x256 compl...	128x4x256 co...	128x4x256 ...	128x4x256 ...	128x4x256 ...	128x4x256 ...	128x4x256 ...
2	Frame #1 → #8							
3								

Next page

Sample#1

```
val(:, :, 1) =
```

	Rx1	Rx2	Rx3	Rx4	Chirp#
1.0e+04 *					
-0.5880 + 0.6435i	0.3380 - 0.5690i	-0.9232 + 1.8439i	1.1647 - 2.6056i	Chirp#1	
-0.5913 + 0.6946i	0.3270 - 0.5540i	-0.9126 + 1.8238i	1.1482 - 2.5965i		
-0.6027 + 0.6887i	0.3236 - 0.5790i	-0.9134 + 1.8248i	1.1422 - 2.6258i		
-0.5984 + 0.6938i	0.3431 - 0.5681i	-0.9036 + 1.8411i	1.1610 - 2.6084i		
-0.5909 + 0.6818i	0.3518 - 0.5887i	-0.8873 + 1.8210i	1.1509 - 2.6247i		
...	...	...	...		
-0.6030 + 0.7108i	0.3777 - 0.5590i	-0.9442 + 1.8552i	1.0923 - 2.5760i		
-0.6006 + 0.7114i	0.3821 - 0.5711i	-0.9554 + 1.8319i	1.1005 - 2.5730i		
-0.5768 + 0.7253i	0.3943 - 0.6021i	-0.9535 + 1.8149i	1.1004 - 2.5622i	Chirp#128	

Sample#2

```
val(:, :, 2) =
```

	Rx1	Rx2	Rx3	Rx4
1.0e+04 *				
0.9190 - 0.6628i	0.2515 + 1.2640i	0.1529 - 2.1892i	3.8601 + 5.5807i	
0.8961 - 0.6420i	0.2452 + 1.2624i	0.1529 - 2.1894i	3.8464 + 5.5690i	
0.8927 - 0.6542i	0.2446 + 1.2570i	0.1632 - 2.1607i	3.7996 + 5.5672i	

Sample#256

```
val(:, :, 256) =
```

	Rx1	Rx2	Rx3	Rx4
1.0e+04 *				
-0.2776 + 0.2750i	0.1706 - 0.2339i	-0.1455 + 0.6828i	0.6398 - 1.0739i	
-0.2828 + 0.2662i	0.1714 - 0.2256i	-0.1442 + 0.6822i	0.6491 - 1.0466i	
-0.2646 + 0.2795i	0.1591 - 0.2108i	-0.1558 + 0.6710i	0.6215 - 1.0548i	
...	...	...	...	
-0.2824 + 0.2669i	0.1603 - 0.2132i	-0.1511 + 0.6705i	0.6241 - 1.0443i	
-0.2952 + 0.2680i	0.1643 - 0.2300i	-0.1496 + 0.6811i	0.6469 - 1.0330i	
-0.2845 + 0.2903i	0.1554 - 0.2078i	-0.1570 + 0.6661i	0.6428 - 1.0454i	
-0.2856 + 0.2750i	0.1540 - 0.2136i	-0.1692 + 0.6881i	0.6449 - 1.0344i	

128

Chirp#128