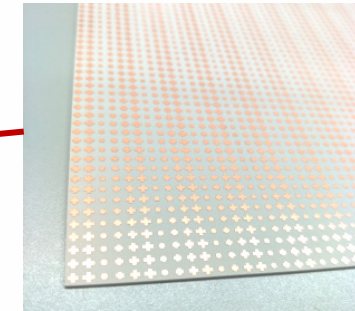
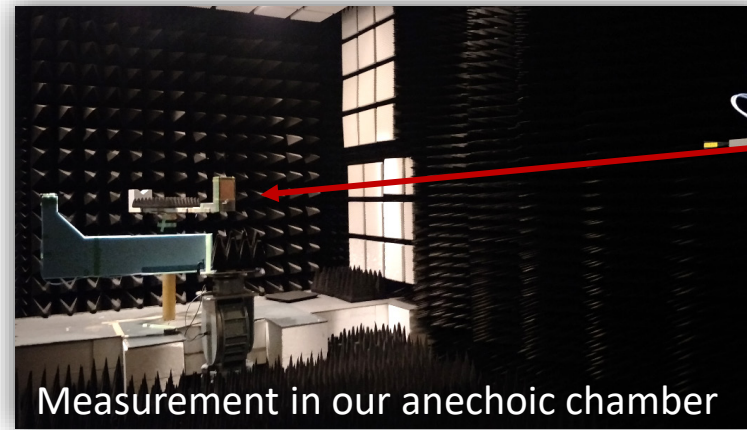


Metasurface reflector for 28GHz expanding areas without power device.

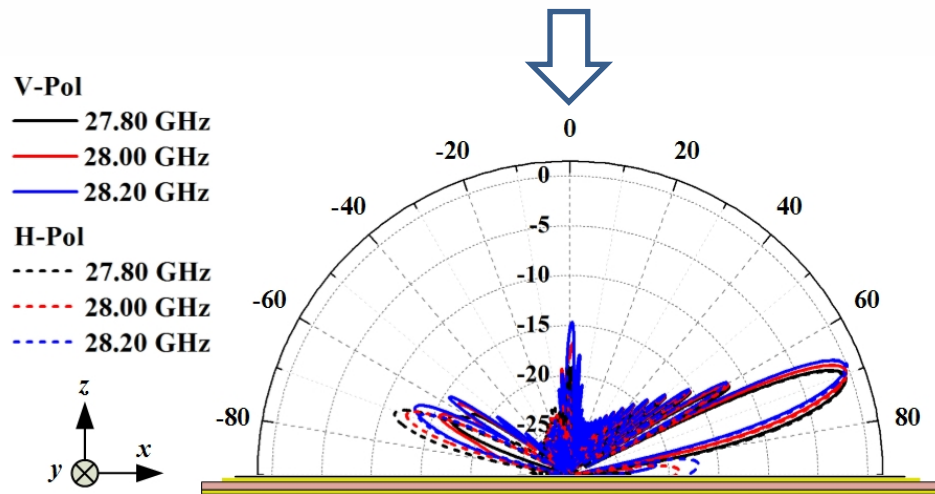
Specification	
Polarization	Dual($\pm 45^\circ$ /VH)
Incident angle	$0^\circ \sim 70^\circ$
Reflection angle	$0^\circ \sim 70^\circ$ } (fixed by design)
Size	$>20\text{cm} \times 20\text{cm} \times 1\text{mm}$

28 GHz Band Prototype



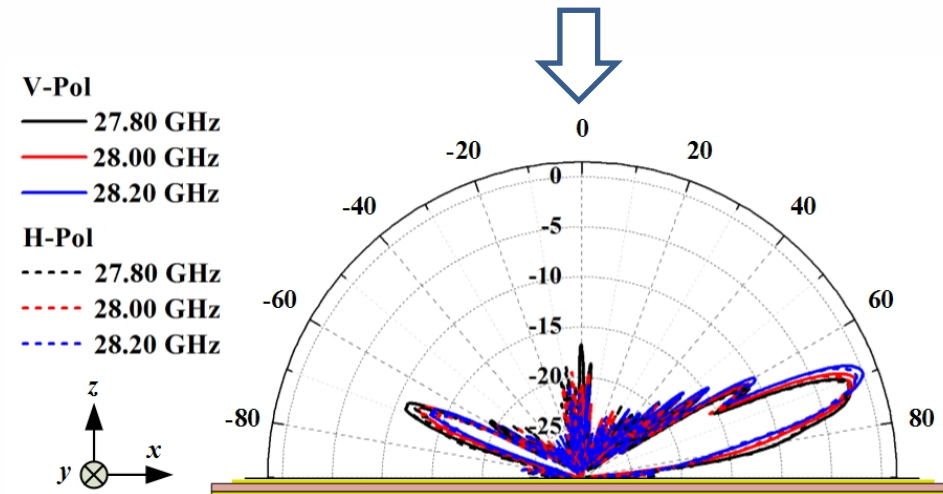
MTS

Radio wave incident direction



Simulation

Radio wave incident direction



Measured