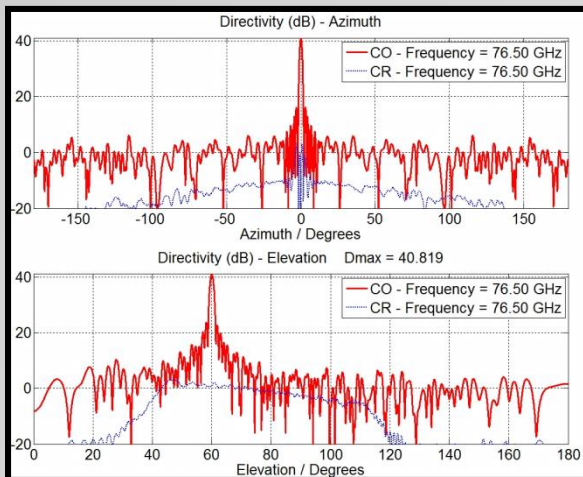
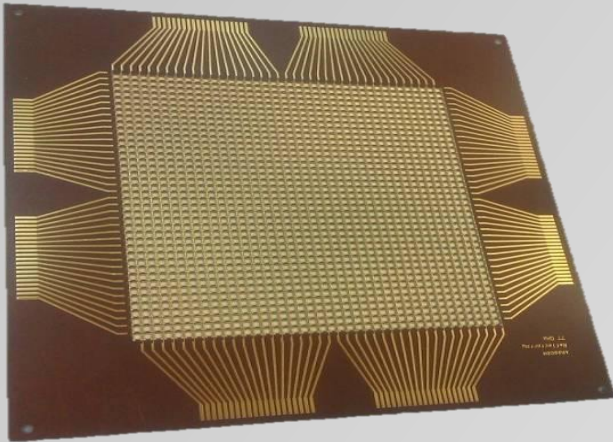


Agile Reflectarray Antenna

Integrating micro & nano technologies (MEMS switches) into electronically steerable reflectarray for security applications: imaging for Concealed Weapon Detection (CWD) using millimetre-waves.



Frequency	76.5 GHz
Bandwidth	1GHz
Tuning speed	0.2ms/pixel
Polarizations	Dual
Scanning Area	1X2 mt
Required array resolution	2cm @ 1m (BW =0.3°)
Array size (No. of elements)	178X110 (19.580)

RF Microtech S.r.l.

Via P. Mascagni, 11
Perugia, 06132, Italy
Tel. +39 075 527 1436
Fax. +39 075 529 2798

Email: info@rfmicrotech.com
Website: www.rfmicrotech.com