

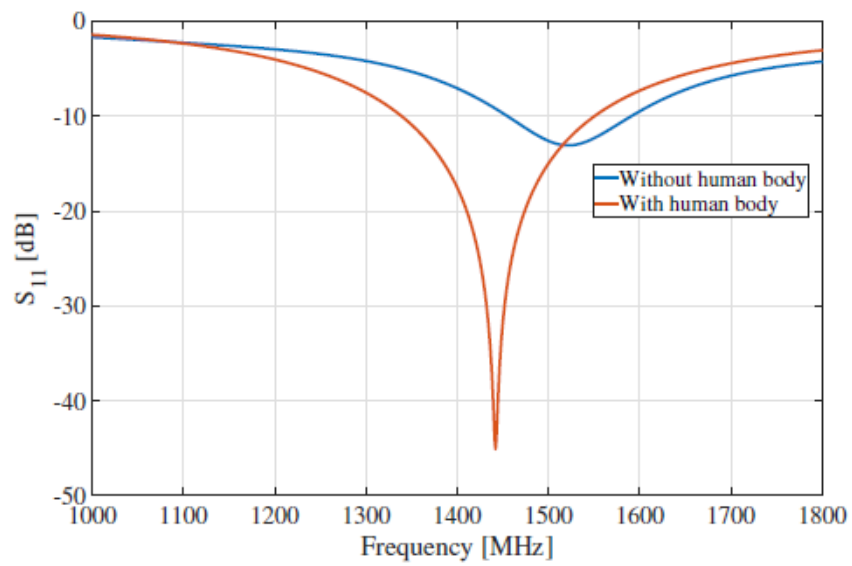
# Antenna Information

Model: SPECTERA SEK 1G4 Antenna

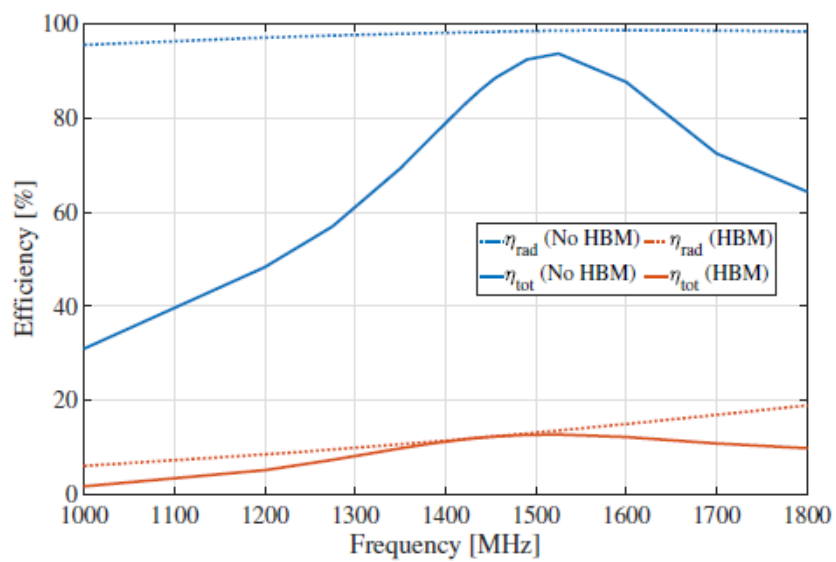
Type: monopole antenna



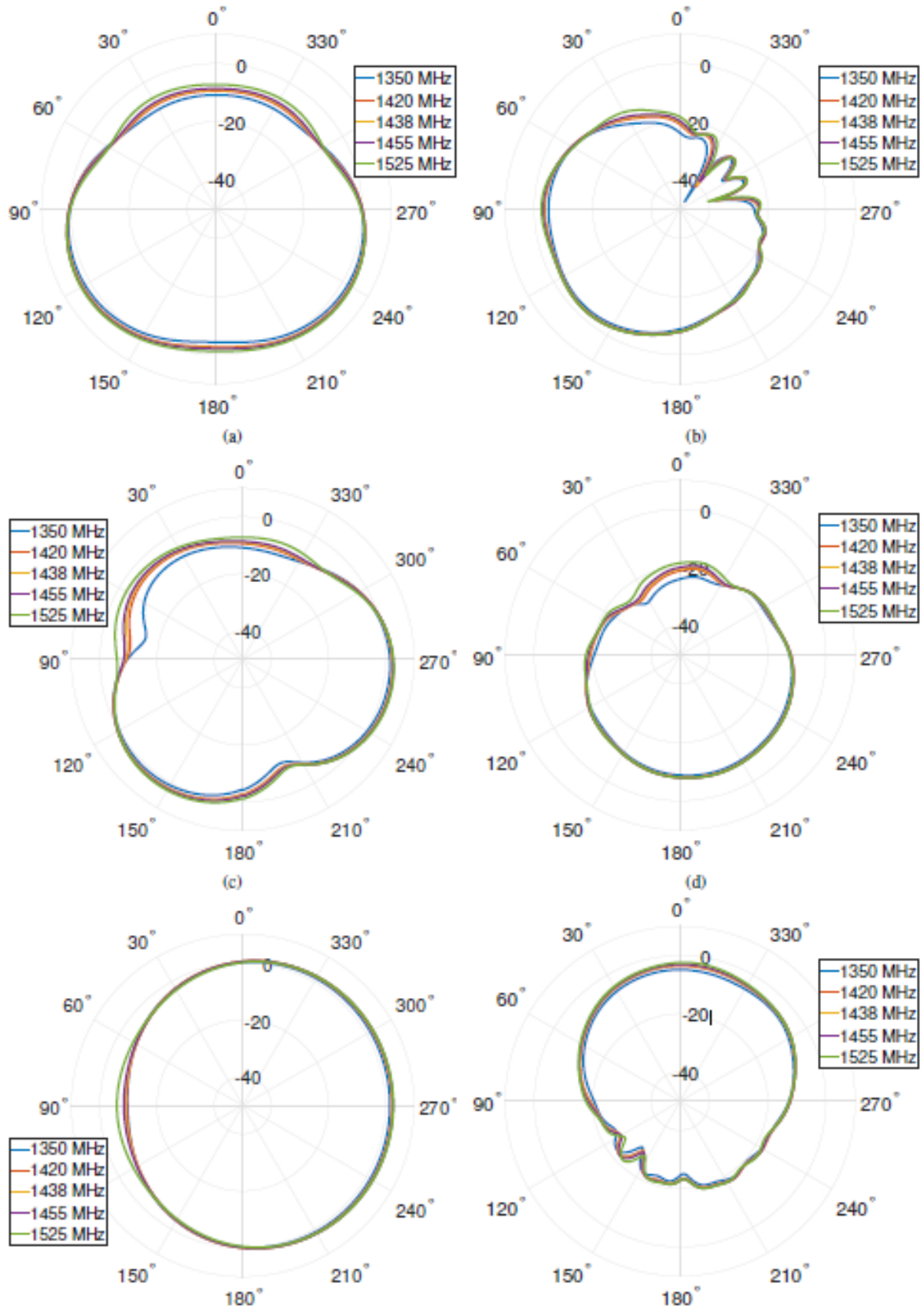
1.  $S_{11}$  response of high-band antenna (including matching network)



2. The radiation and total antenna efficiency for the low-band bodypack



3. Realized gain of the high-band bodypack for three different farfield cuts:  $\varphi = 0^\circ$  in (a) and (b),  $\varphi = 90^\circ$  in (c) and (d) and  $\theta = 90^\circ$  in (e) and (f). The cuts without HBM are shown in (a), (c) and (e) and the cuts with HBM are shown in (b), (d) and (f). All cases are simulated with matching network.



4. Maximum realized gain for the high-band monopole without the human body

