

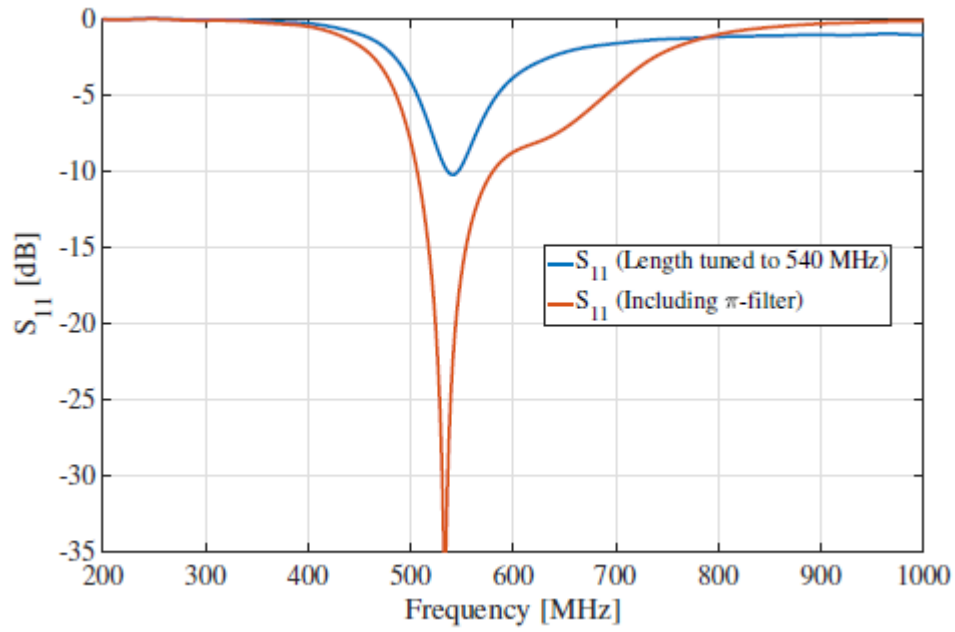
## Antenna Information



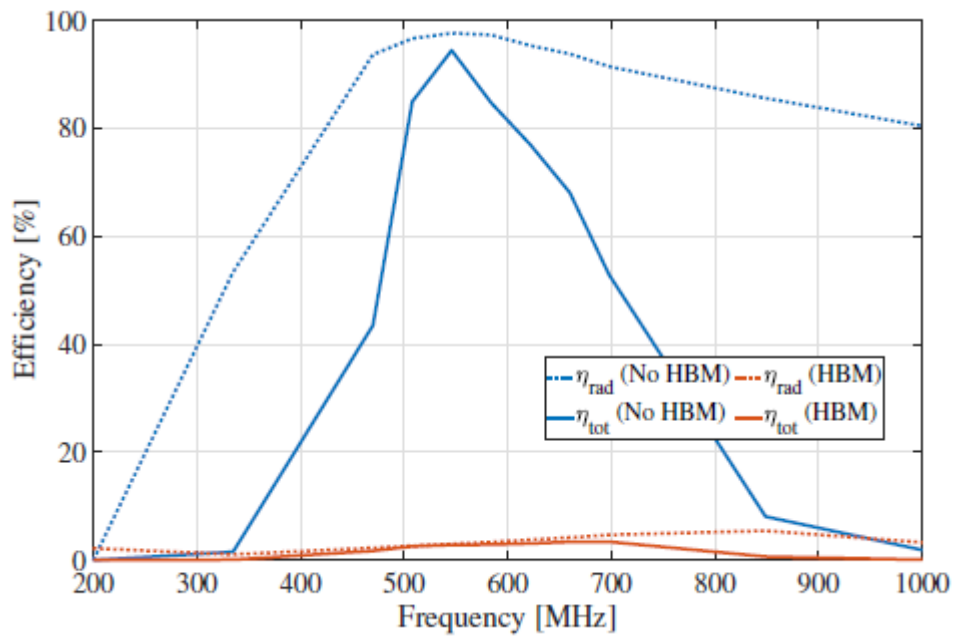
Model: SPECTERA SEK UHF Antenna low

Type: monopole antenna

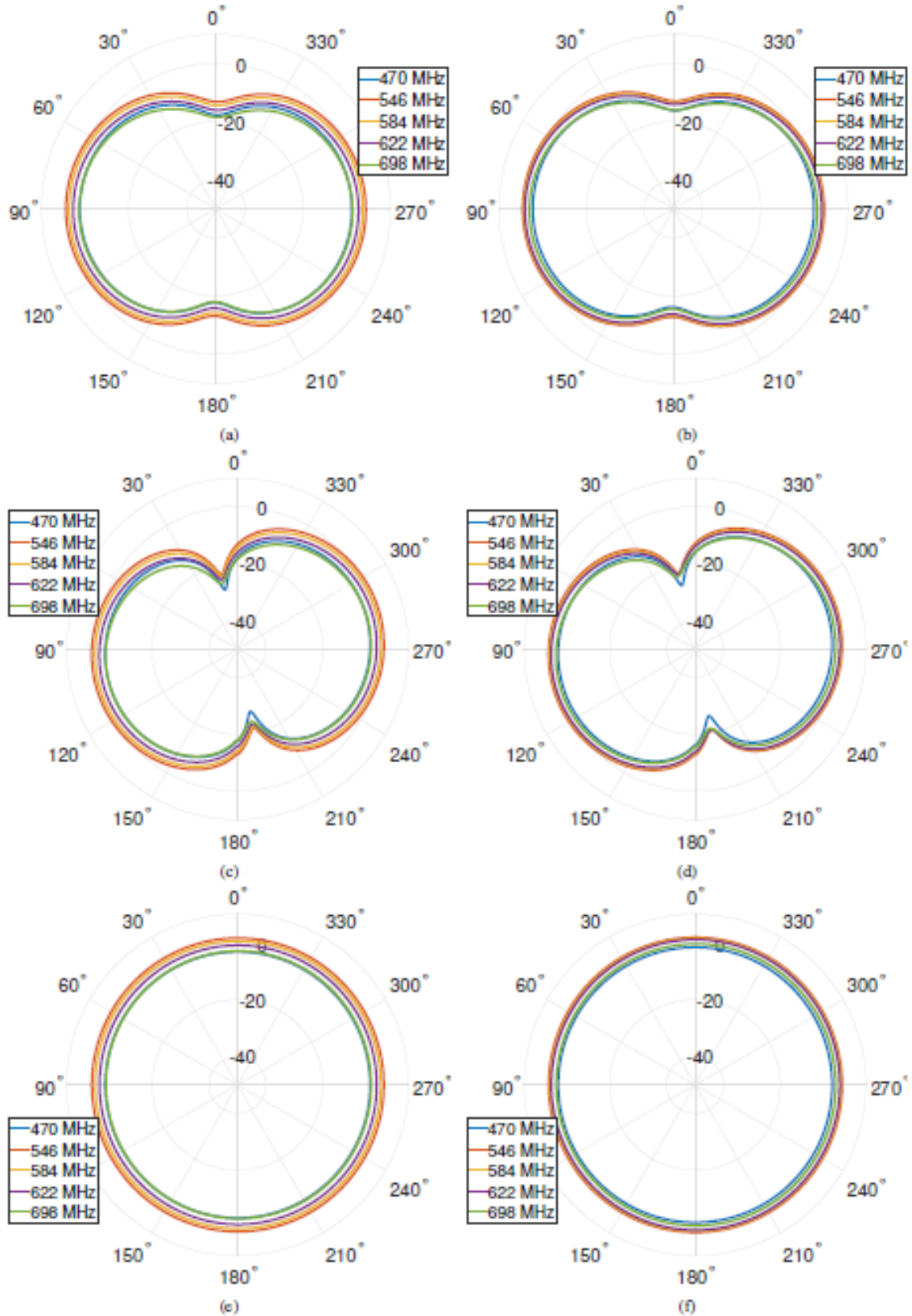
1.  $S_{11}$  of the antenna for various antenna lengths with the matching network included



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



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



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

