

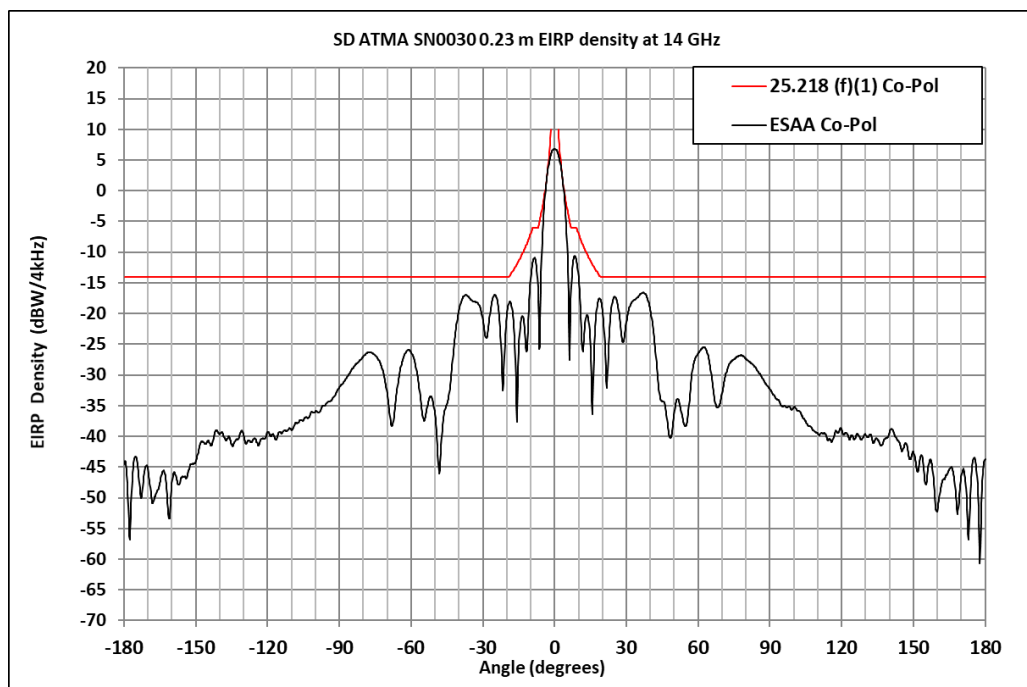
Exhibit A

EIRP SPECTRAL DENSITY FOR SD ATMA 0.23m Terminal

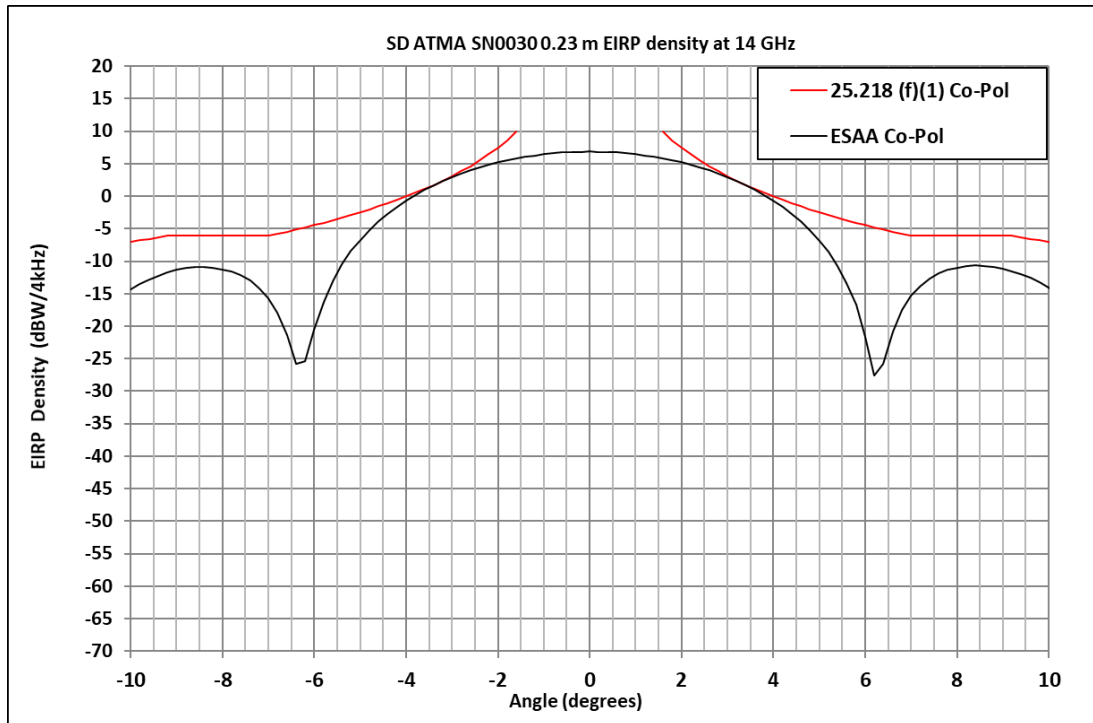
To ensure the EIRP spectral density envelopes specified in §25.218(f) 1-3 are satisfied, the maximum EIRP spectral density is limited to 7.2 dBW/4 kHz at 14.5 GHz. The EIRP density compliance for this terminal is shown below.

1. EIRP density plots (14 GHz, peak EIRP/density: 6.9 dBW/ 4KHz)

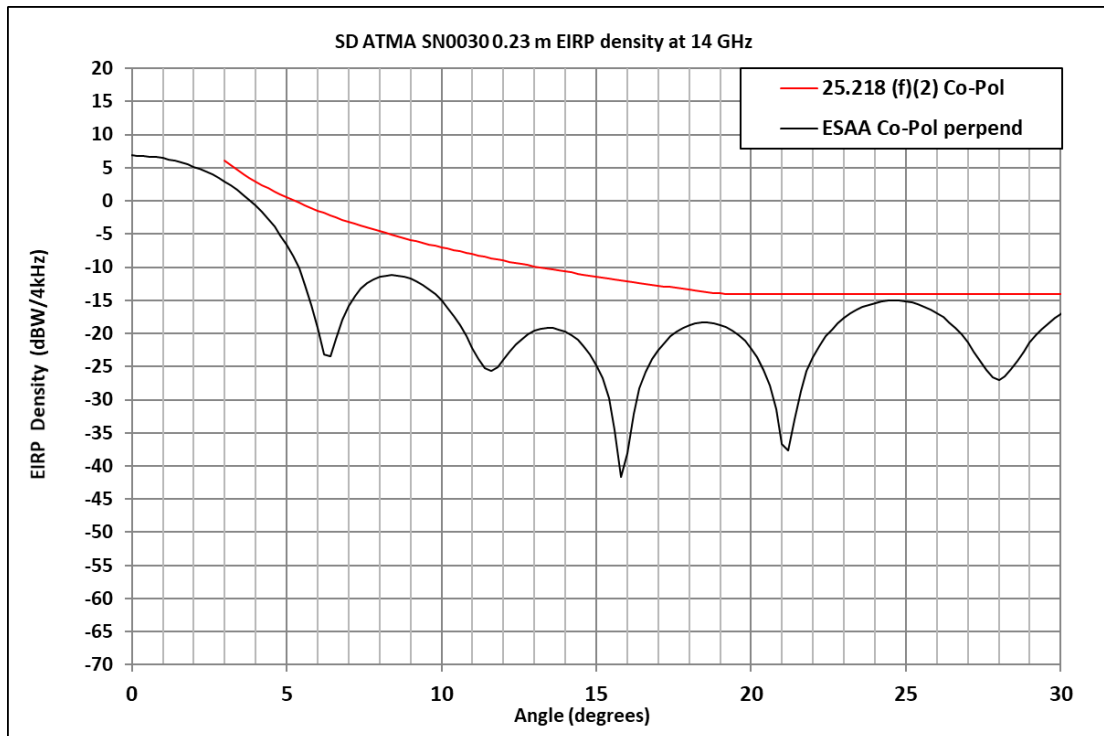
(i) Co-Pol EIRP density in the plane tangent to the GSO arc



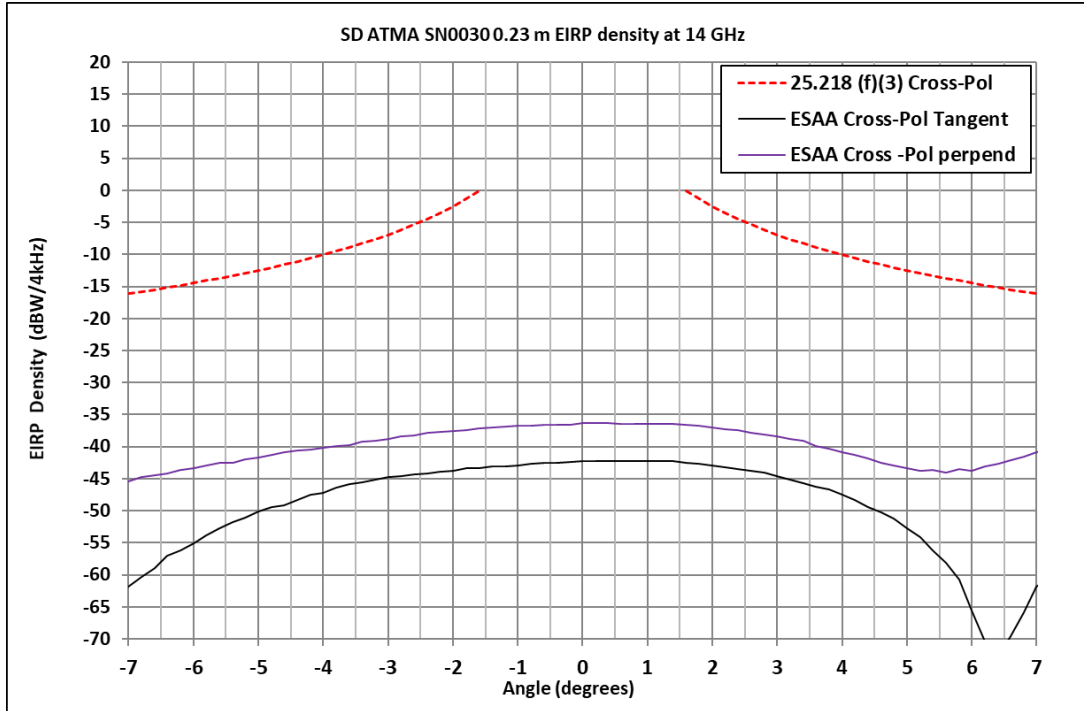
(ii) Co-Pol EIRP density in the plane tangent to the GSO arc



(iii) Co-Pol EIRP density in the plane perpendicular to the GSO arc

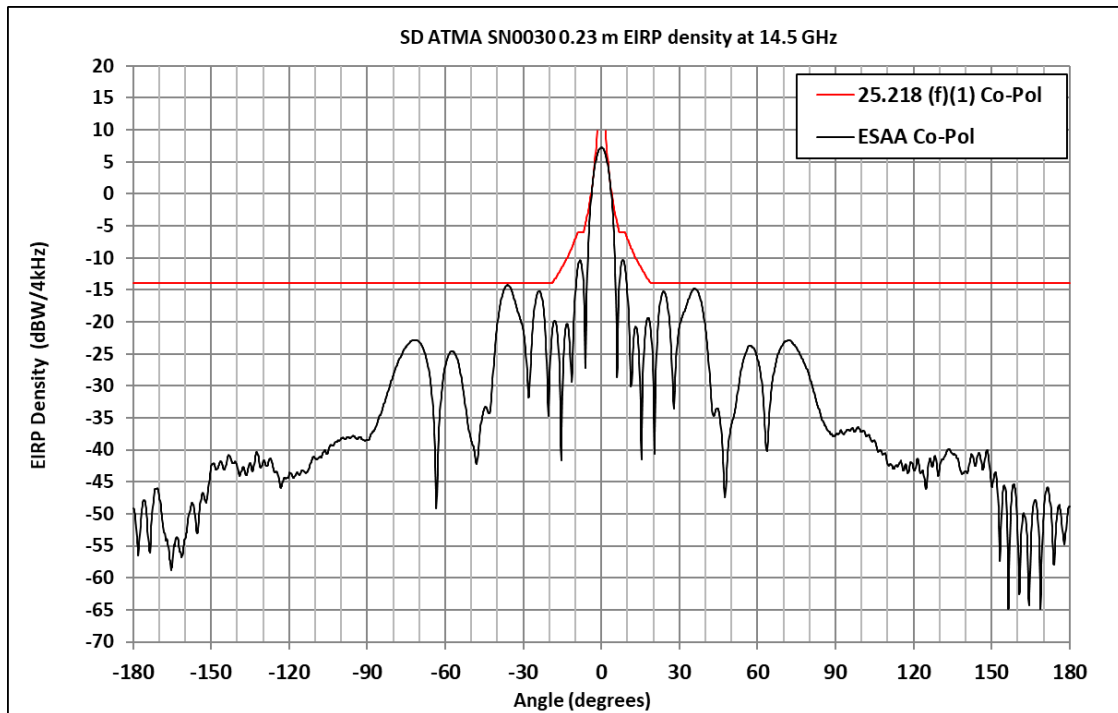


(iv-v) Cross-Pol EIRP density in the plane tangent and perpendicular to the GSO arc

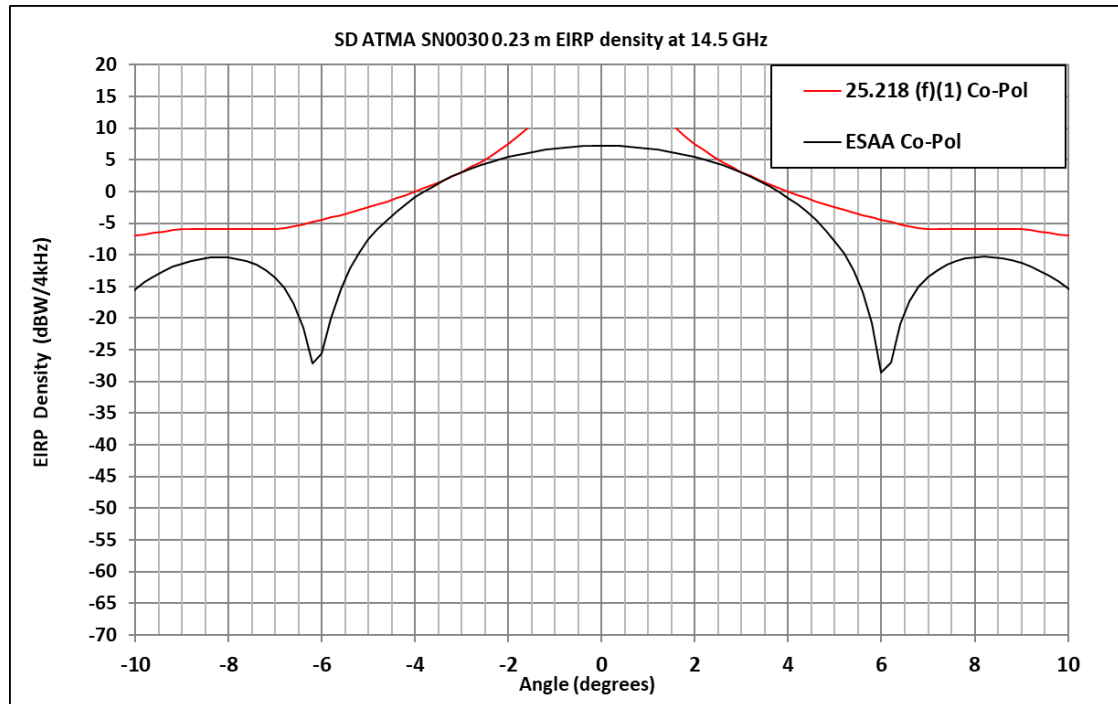


2. EIRP density plots (14.5 GHz, peak EIRP/density: 7.2 dBW/ 4KHz)

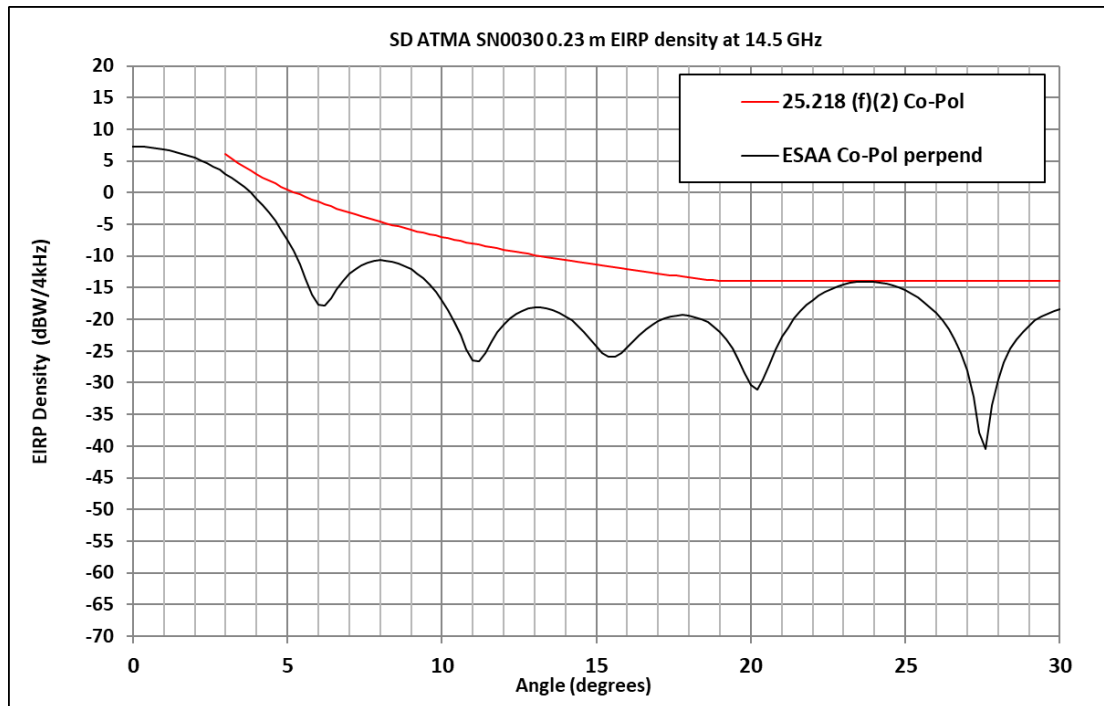
(i) Co-Pol EIRP density in the plane tangent to the GSO



(ii) Co-Pol EIRP density in the plane tangent to the GSO



(iii) Co-Pol EIRP density in the plane perpendicular to the GSO arc



(iv-v) Cross-Pol EIRP density in the plane tangent and perpendicular to the GSO arc

