

KHIB - COMPARISON

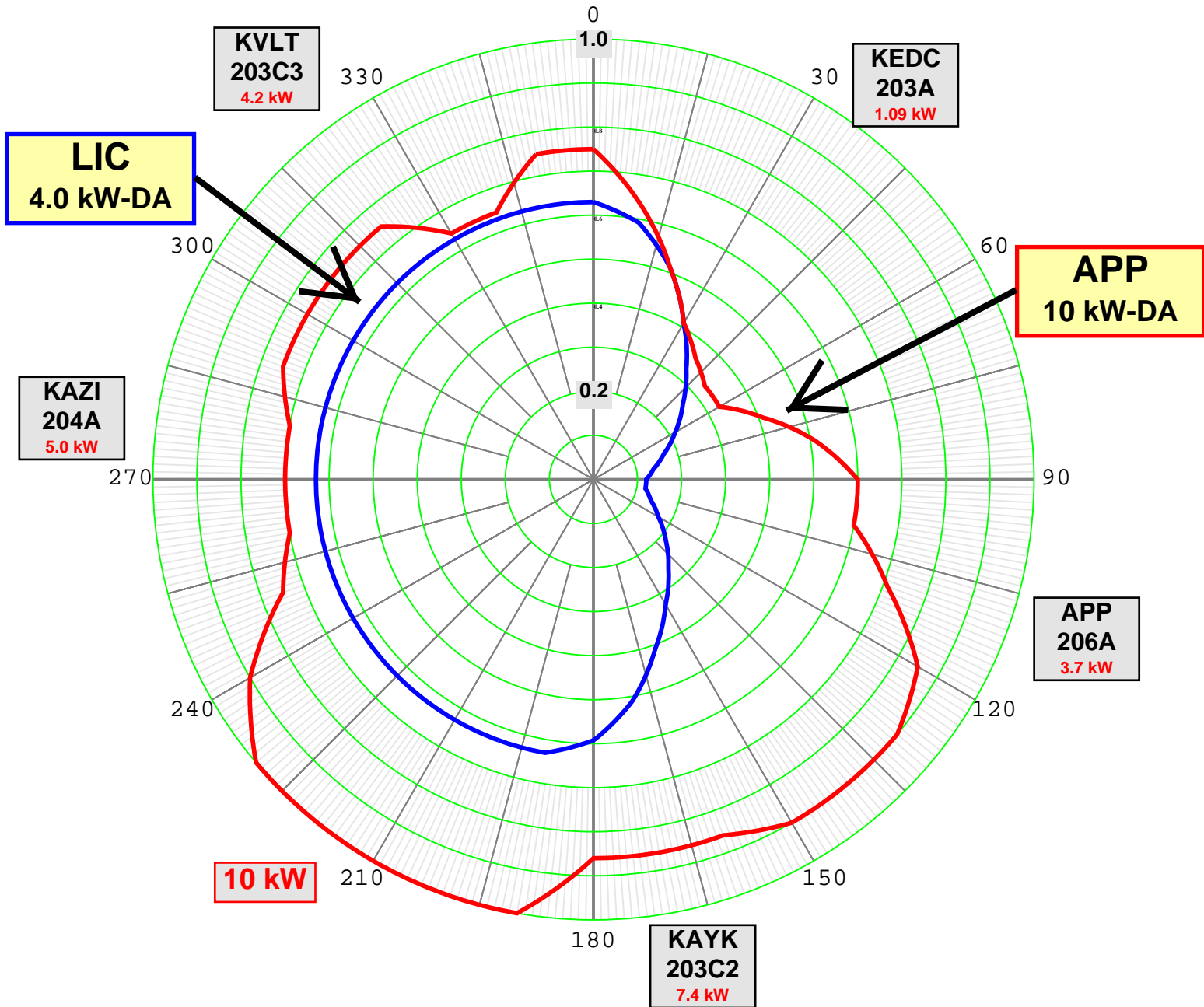


FIGURE 3 - DIRECTIONAL ANTENNA

Lic vs: Proposed (1 of 2)

KHIB Ch. 203C3 Bastrop, TX
August 2009



KHIB - COMPARISON

Pattern 1 (KHIB Lic) : Rel. Value - Bearings: 36 (36 shown) - RMS: 0.5075314 - Orientation: 0

0.0: 0.630	60.0: 0.214	120.0: 0.170	180.0: 0.592	240.0: 0.630	300.0: 0.630
10.0: 0.592	70.0: 0.170	130.0: 0.214	190.0: 0.630	250.0: 0.630	310.0: 0.630
20.0: 0.510	80.0: 0.139	140.0: 0.265	200.0: 0.630	260.0: 0.630	320.0: 0.630
30.0: 0.410	90.0: 0.120	150.0: 0.328	210.0: 0.630	270.0: 0.630	330.0: 0.630
40.0: 0.328	100.0: 0.120	160.0: 0.410	220.0: 0.630	280.0: 0.630	340.0: 0.630
50.0: 0.265	110.0: 0.139	170.0: 0.510	230.0: 0.630	290.0: 0.630	350.0: 0.630

Pattern 2 (KHIB App) : Value - Bearings: 36 (36 shown) - RMS: 0.7499195 - Orientation: 0

0.0: 0.750	60.0: 0.330	120.0: 0.850	180.0: 0.860	240.0: 0.900	300.0: 0.750
10.0: 0.630	70.0: 0.410	130.0: 0.900	190.0: 1.000	250.0: 0.750	310.0: 0.750
20.0: 0.510	80.0: 0.510	140.0: 0.900	200.0: 1.000	260.0: 0.700	320.0: 0.750
30.0: 0.410	90.0: 0.600	150.0: 0.900	210.0: 1.000	270.0: 0.700	330.0: 0.645
40.0: 0.360	100.0: 0.600	160.0: 0.860	220.0: 1.000	280.0: 0.700	340.0: 0.645
50.0: 0.330	110.0: 0.710	170.0: 0.860	230.0: 1.000	290.0: 0.750	350.0: 0.750



FIGURE 3 - DIRECTIONAL ANTENNA

Lic vs: Proposed (2 of 2)

KHIB Ch. 203C3 Bastrop, TX
August 2009