



PROPOSED DIRECTIONAL ANTENNA RADIATION PATTERN
(RELATIVE FIELD)

NTSC CONSTRUCTION PERMIT
PROVO, UTAH
CH 32 3072 KW (MAX-DA) 812 M

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TECHNICAL EXHIBIT
APPLICATION FOR NTSC CONSTRUCTION PERMIT
STATION KCBU
FACILITY ID 81451
PROVO, UTAH
CH 32 3072 KW (MAX-DA) 812 M

Horizontal Plane Relative Field Pattern

<u>Azimuth*</u>	Relative <u>Field</u>	<u>Azimuth*</u>	Relative <u>Field</u>
0	0.845	180	0.198
10	0.836	190	0.190
20	0.874	200	0.202
30	0.941	210	0.266
40	0.999	220	0.280
50	1.000	230	0.360
60	0.995	240	0.481
70	0.897	250	0.632
80	0.888	260	0.987
90	0.895	270	0.895
100	0.978	280	0.888
110	0.632	290	0.897
120	0.481	300	0.995
130	0.360	310	1.000
140	0.280	320	0.999
150	0.266	330	0.941
160	0.202	340	0.874
170	0.190	350	0.836

*Referenced to 70° true.

Azimuth: 0 °
Gain: 15.17 dBd

E/Emax

Electrical Beam Tilt: 1.0 degree

