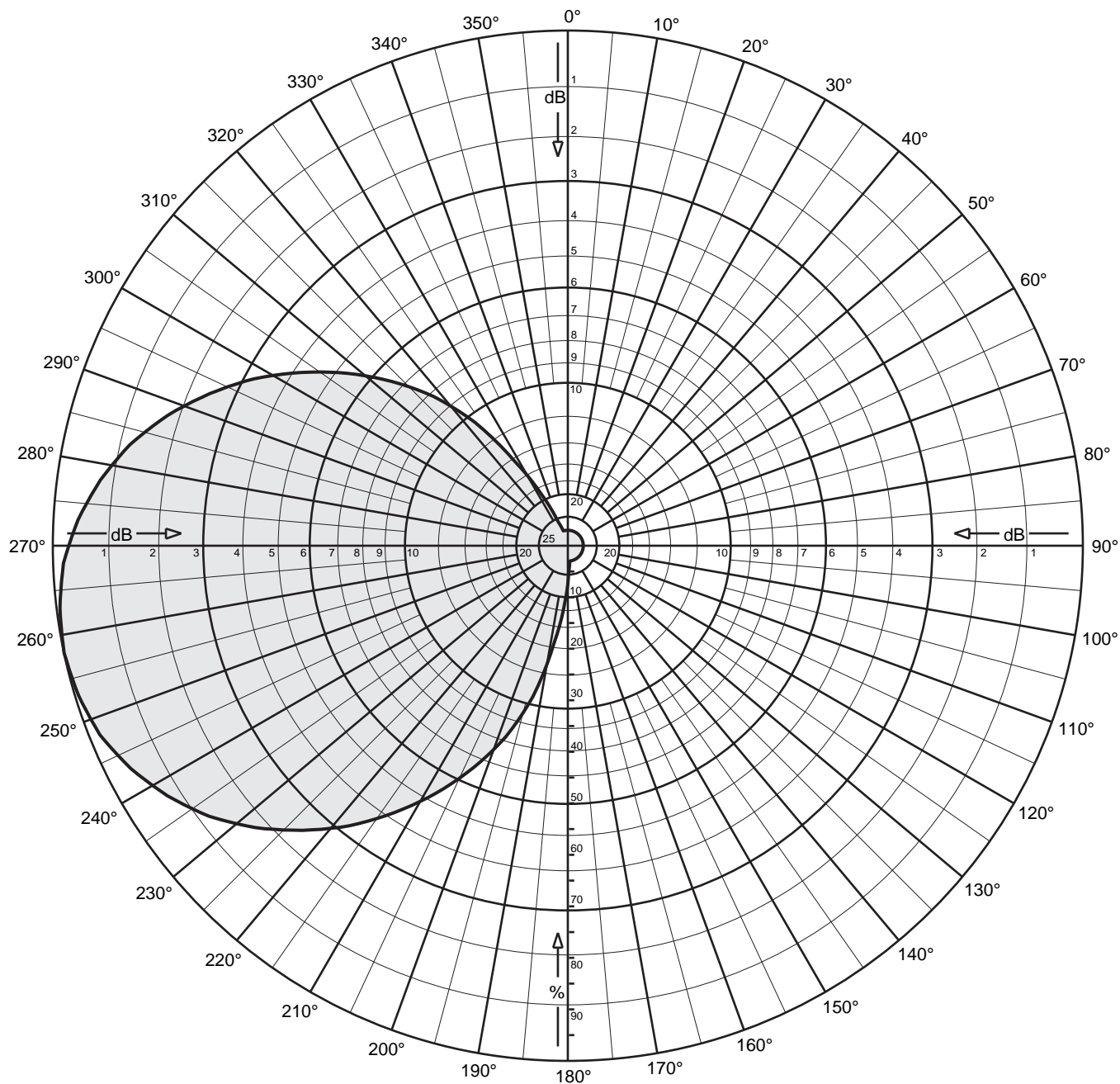


EXHIBIT E-5 PROPOSED DIRECTIONAL ANTENNA PATTERN PLOT & TABULATION



One CL-FM Log-periodic Antenna

Oriented at 258 degrees

Gain: 7.0 dBd

Ch: 275

Vertical Polarization

Horizontal plane Pattern

K275A0



One CL-FM Log-periodic Antenna
 Oriented at 258 degrees
 Gain: 7.0 dBd
 Ch: 275

Vertical Polarization
 Horizontal plane Pattern
 K275AO

Angle	Field	Rel.dB	dBd	PwrMult	Angle	Field	Rel.dB	dBd	PwrMult
0	0.030	-30.46	-23.46	0.00	180	0.074	-22.62	-15.62	0.03
5	0.030	-30.46	-23.46	0.00	185	0.142	-16.95	-9.95	0.10
10	0.030	-30.46	-23.46	0.00	190	0.234	-12.62	-5.62	0.27
15	0.030	-30.46	-23.46	0.00	195	0.336	-9.47	-2.47	0.57
20	0.030	-30.46	-23.46	0.00	200	0.421	-7.51	-0.51	0.89
25	0.030	-30.46	-23.46	0.00	205	0.498	-6.06	0.94	1.24
30	0.030	-30.46	-23.46	0.00	210	0.573	-4.84	2.16	1.65
35	0.030	-30.46	-23.46	0.00	215	0.646	-3.79	3.21	2.09
40	0.030	-30.46	-23.46	0.00	220	0.716	-2.90	4.10	2.57
45	0.030	-30.46	-23.46	0.00	225	0.781	-2.15	4.85	3.05
50	0.030	-30.46	-23.46	0.00	230	0.840	-1.52	5.48	3.53
55	0.030	-30.46	-23.46	0.00	235	0.890	-1.01	5.99	3.97
60	0.030	-30.46	-23.46	0.00	240	0.931	-0.62	6.38	4.34
65	0.030	-30.46	-23.46	0.00	245	0.964	-0.32	6.68	4.65
70	0.030	-30.46	-23.46	0.00	250	0.985	-0.13	6.87	4.87
75	0.030	-30.46	-23.46	0.00	255	0.996	-0.03	6.97	4.97
80	0.030	-30.46	-23.46	0.00	260	0.997	-0.02	6.98	4.99
85	0.030	-30.46	-23.46	0.00	265	0.988	-0.10	6.90	4.89
90	0.030	-30.46	-23.46	0.00	270	0.969	-0.27	6.73	4.71
95	0.030	-30.46	-23.46	0.00	275	0.938	-0.56	6.44	4.41
100	0.030	-30.46	-23.46	0.00	280	0.899	-0.92	6.08	4.05
105	0.030	-30.46	-23.46	0.00	285	0.851	-1.41	5.59	3.63
110	0.030	-30.46	-23.46	0.00	290	0.793	-2.02	4.98	3.15
115	0.030	-30.46	-23.46	0.00	295	0.729	-2.74	4.26	2.67
120	0.030	-30.46	-23.46	0.00	300	0.661	-3.60	3.40	2.19
125	0.030	-30.46	-23.46	0.00	305	0.588	-4.61	2.39	1.73
130	0.030	-30.46	-23.46	0.00	310	0.513	-5.80	1.20	1.32
135	0.030	-30.46	-23.46	0.00	315	0.436	-7.20	-0.20	0.95
140	0.030	-30.46	-23.46	0.00	320	0.354	-9.02	-2.02	0.63
145	0.030	-30.46	-23.46	0.00	325	0.256	-11.84	-4.84	0.33
150	0.030	-30.46	-23.46	0.00	330	0.158	-16.03	-9.03	0.13
155	0.030	-30.46	-23.46	0.00	335	0.086	-21.31	-14.31	0.04
160	0.030	-30.46	-23.46	0.00	340	0.042	-27.54	-20.54	0.01
165	0.030	-30.46	-23.46	0.00	345	0.030	-30.46	-23.46	0.00
170	0.030	-30.46	-23.46	0.00	350	0.030	-30.46	-23.46	0.00
175	0.038	-28.40	-21.40	0.01	355	0.030	-30.46	-23.46	0.00