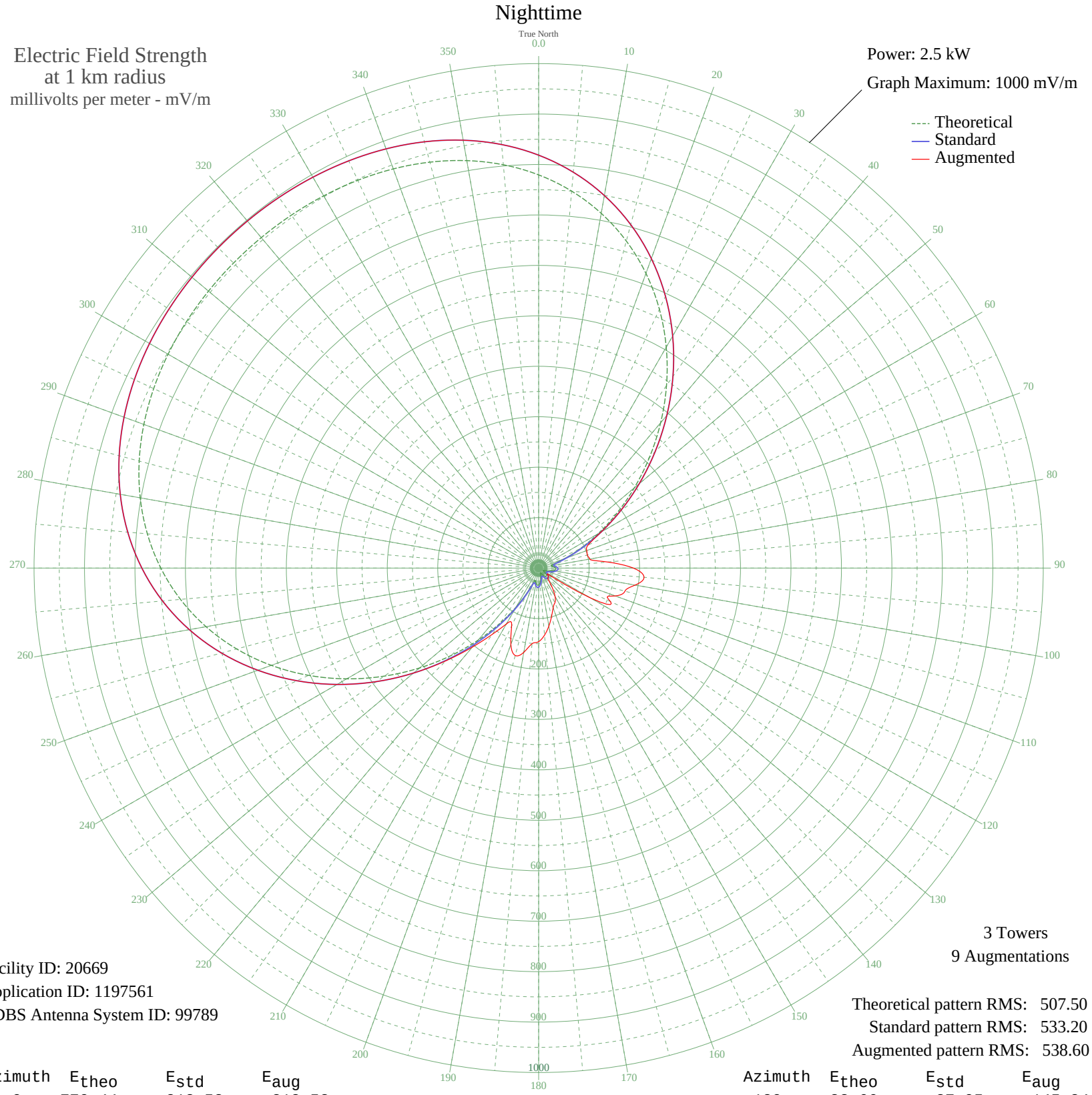
KARR KIRKLAND, WA BL-20070725AMK 1460 kHz

Nighttime

Electric Field Strength
at 1 km radius
millivolts per meter - mV/m



Facility ID: 20669
Application ID: 1197561
CDBS Antenna System ID: 99789

Theoretical pattern RMS: 507.50
Standard pattern RMS: 533.20
Augmented pattern RMS: 538.60

Azimuth	E_{theo}	E_{std}	E_{aug}
0	779.44	818.53	818.53
5	750.10	787.72	787.72
10	714.06	749.89	749.89
15	671.17	704.87	704.87
20	621.66	652.89	652.89
25	566.14	594.61	594.61
30	505.69	531.16	531.16
35	441.75	464.05	464.05
40	376.09	395.14	395.14
45	310.67	326.49	326.49
50	247.52	260.27	260.27
55	188.63	198.55	198.55
60	135.80	143.26	143.26
65	90.64	96.17	107.87
70	54.85	59.22	101.38
75	31.44	35.79	99.84
80	25.34	29.99	102.71
85	29.97	34.37	137.45
90	33.80	38.09	187.65
95	33.74	38.03	209.75
100	30.00	34.40	194.12
105	23.67	28.44	177.00
110	16.29	21.99	161.49
115	10.48	17.67	156.69
120	10.61	17.75	117.36
125	15.10	21.03	21.03
130	19.38	24.60	24.60
135	21.79	26.73	26.73
140	21.84	26.78	29.30
145	19.51	24.72	46.82
150	15.29	21.19	65.11
155	10.74	17.84	76.11
160	10.34	17.58	83.94
165	16.00	21.76	98.97
170	23.38	28.18	116.67
175	29.79	34.20	133.47

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

13 Jan 2022

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	33.66	37.95	145.84
185	33.88	38.17	150.52
190	30.18	34.57	169.50
195	25.42	30.06	179.50
200	30.84	35.21	161.04
205	53.64	58.00	126.67
210	89.02	94.48	127.98
215	133.84	141.21	160.47
220	186.39	196.20	204.60
225	245.07	257.70	259.89
230	308.08	323.78	323.83
235	373.45	392.37	392.37
240	439.15	461.31	461.31
245	503.19	528.53	528.53
250	563.81	592.16	592.16
255	619.55	650.67	650.67
260	669.32	702.92	702.92
265	712.48	748.23	748.23
270	748.78	786.35	786.35
275	778.39	817.43	817.43
280	801.75	841.95	841.95
285	819.54	860.63	860.63
290	832.60	874.34	874.34
295	841.79	883.98	883.98
300	847.96	890.46	890.46
305	851.87	894.57	894.57
310	854.12	896.93	896.93
315	855.14	898.01	898.01
320	855.16	898.03	898.03
325	854.18	897.00	897.00
330	851.98	894.69	894.69
335	848.15	890.67	890.67
340	842.09	884.30	884.30
345	833.03	874.79	874.79
350	820.15	861.27	861.27
355	802.56	842.80	842.80