EXHIBIT A

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of RADIANT LIFE MINISTRIES, INC., licensee of digital television station WRAY-DT, Channel 42 in Wilson, North Carolina, in support of its Application for Construction Permit to operate with the licensed facilities of WUNC-DT, Channel 25 in Chapel Hill, North Carolina, under a channel-sharing arrangement. In addition, it is proposed that the WRAY-DT city of license be changed to Wake Forest, North Carolina, since Wilson lies just outside the 48 dBu city-grade service contour of WUNC-DT. No change in site location, antenna make or model, effective radiated power or antenna height from that licensed to WUNC-DT under BLEDT-20090824ABP is proposed herein.

It is proposed to share the present ERI ATW22HS3-ETC170-25H directional, elliptically-polarized antenna that is currently mounted at the 383-meter level of the existing 398-meter WUNC-DT tower. Exhibit B is a map upon which the predicted service contours of the shared WRAY-DT facility are plotted. As shown the predicted city-grade (48 dBu) contour completely encompasses Wake Forest, North Carolina, as required under FCC Rules. Since no change in the licensed WUNC-DT facility is proposed herein, no interference study is provided. Azimuth and elevation pattern data for the existing antenna are included as Exhibit C, and were used for the power density calculation that appears in Exhibit D.

It is not expected that the proposed facility would cause objectionable interference to any other broadcast or non-broadcast station operating at or near the WUNC-DT site.

<u>EXHIBIT A</u>

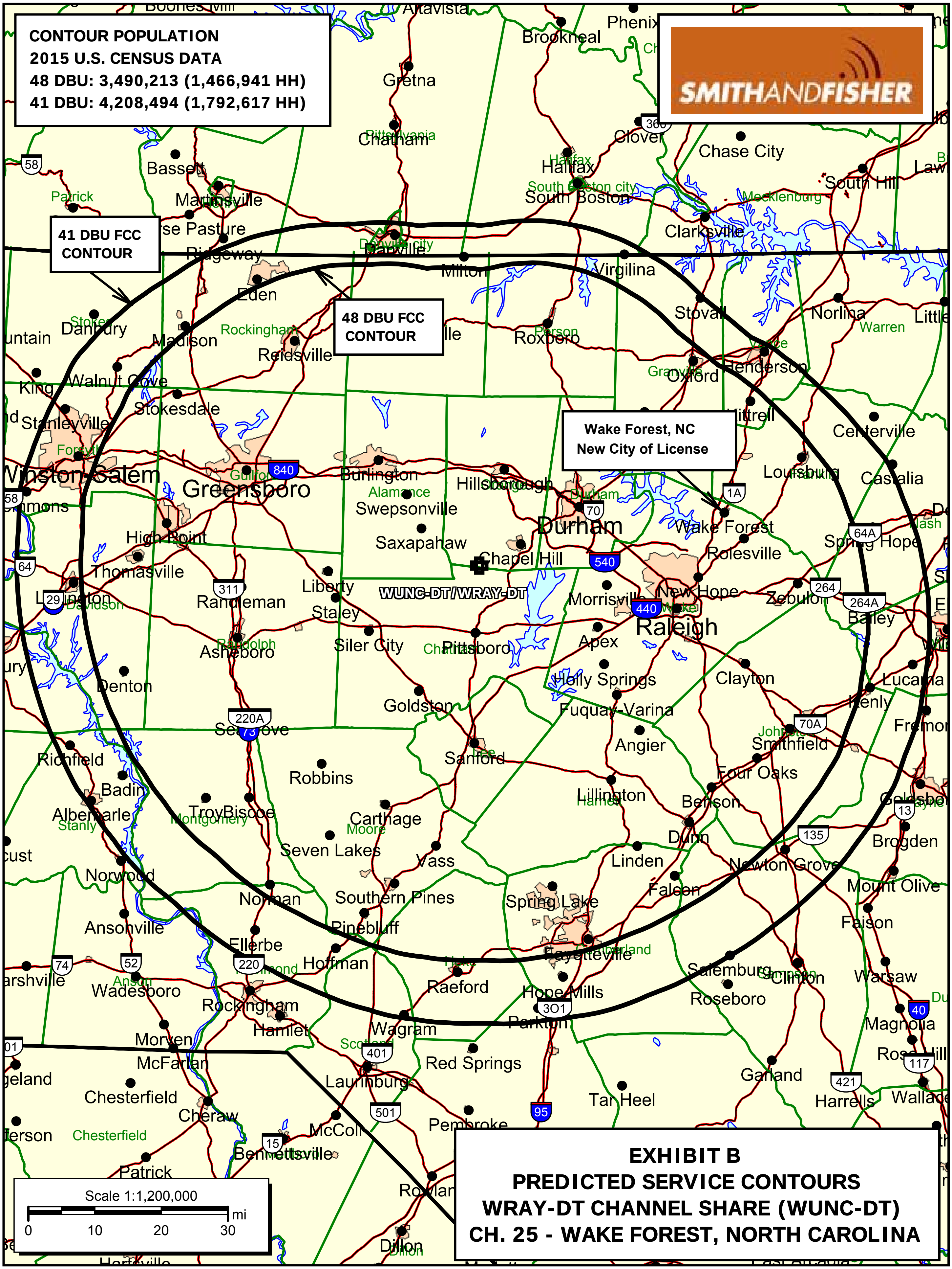
However, if such should occur, the owner of this station recognizes its obligation to take whatever corrective actions are necessary.

Since no change in overall height or location of the existing tower is proposed herein, the FAA has not been notified of this application. In addition, the FCC issued Antenna Structure Registration Number 1014574 to this tower.

I declare under penalty of perjury that the foregoing statements and the attached exhibits, which were prepared by me or under my immediate supervision, are true and correct to the best of my knowledge and belief.

KEVIN T. FISHER

November 22, 2017

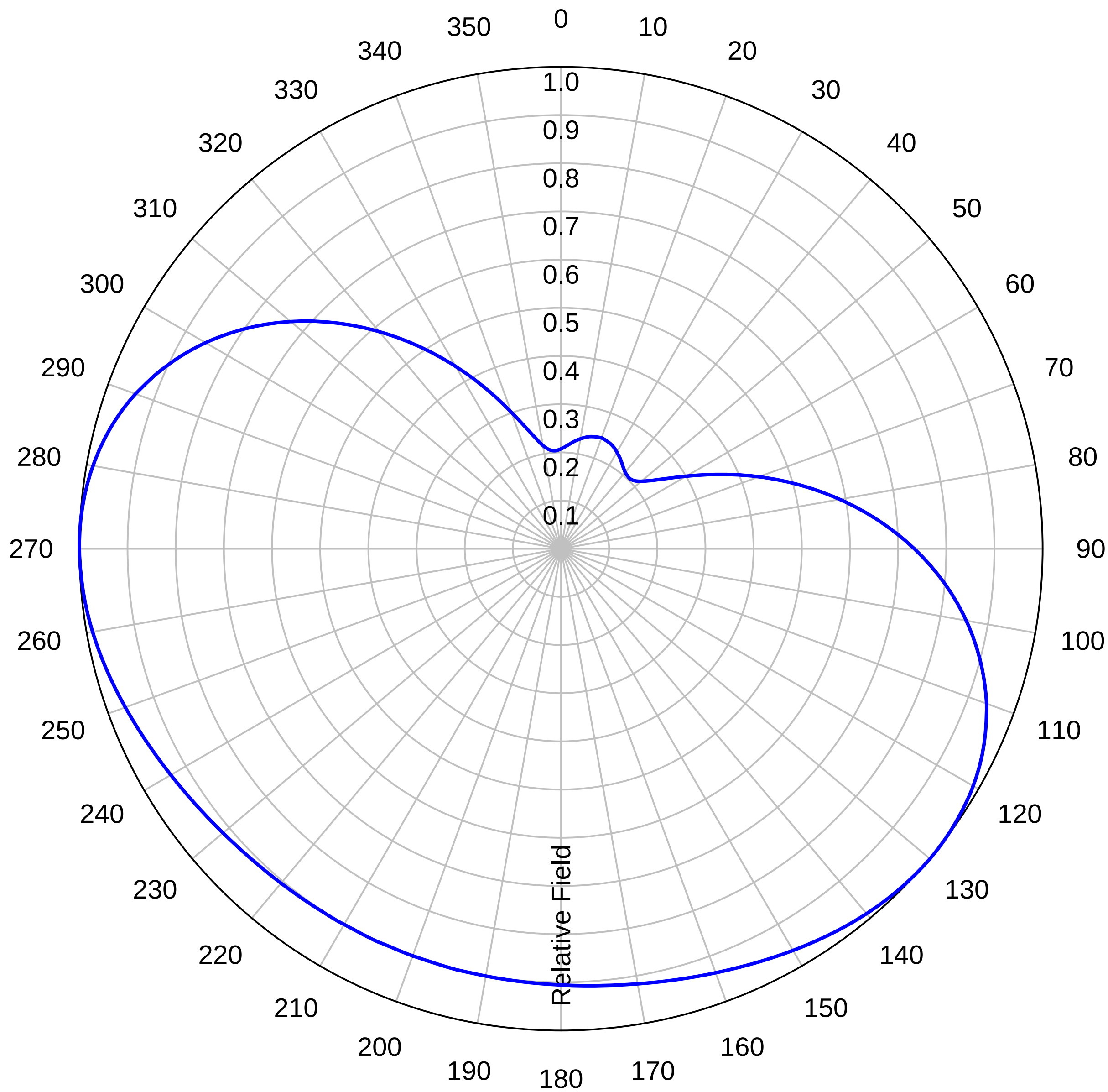


CONTOUR POPULATION
2015 U.S. CENSUS DATA
48 DBU: 3,490,213 (1,466,941 HH)
41 DBU: 4,208,494 (1,792,617 HH)
SMITHANDFISHER
41 DBU FCC CONTOUR
48 DBU FCC CONTOUR
Wake Forest, NC
New City of License
WUNC-DT/WRAY-DT
Scale 1:1,200,000
0
10
20
30
mi
Greensboro
Durham
Raleigh
Chapel Hill
Wake Forest
Rolesville
Burlington
Hillsborough
Swepsonville
Saxapahaw
Liberty
Staley
Siler City
Pittsboro
Apex
Holly Springs
Fuquay-Varina
Clayton
Smithfield
Sanford
Goldston
Angier
Lillington
Benson
Dunn
Four Oaks
Newton Grove
Linden
Falcon
Spring Lake
Fayetteville
Hope Mills
Raeford
Parkton
Roseboro
Salemburg
Clinton
Southern Pines
Pinebluff
Vass
Carthage
Seven Lakes
Robbins
Asheboro
Randleman
High Point
Thomasville
Denton
Richfield
Badin
Albemarle
Norwood
Norman
Ellerbe
Hoffman
Rockingham
Hamlet
Wadesboro
Ansonville
Morven
McFarlan
Chesterfield
Cheraw
Laurinburg
Wagram
Red Springs
Pembroke
Tar Heel
Garland
Harrells
Warsaw
Magnolia
Faison
Mount Olive
Brogden
Kenly
Louisburg
Castalia
Centerville
Spring Hope
Zebulon
Bailey
Henderson
Oxford
Norlina
Stovall
Roxboro
Milton
Virgilina
Danville
Eden
Reidsville
Madison
Stokesdale
Walnut Cove
Danbury
King
Stanleyville
Winston-Salem
Ridgeway
Martinsville
Bassett
Chatham
Gretna
Brookneal
Halifax
South Boston
Clover
Chase City
Clarksville
South Hill
Morrisville
Knightdale
New Hope
Thomasville
Lexington
Seagrove
Troy
Biscoe
Bennettsville
McColl
Dillon
Patrick
EXHIBIT B
PREDICTED SERVICE CONTOURS
WRAY-DT CHANNEL SHARE (WUNC-DT)
CH. 25 - WAKE FOREST, NORTH CAROLINA

AZIMUTH PATTERN

Type:	***ATW-C170***		***Channel:***	***25***
	Numeric	***dBd***	***Location:***	
Directivity:	***1.70***	***2.30***	***Polarization:***	***Horizontal***
Peak(s) at:				

Note: Pattern shape and directivity may vary with channel and mouting configuration.



TABULATED DATA FOR AZIMUTH PATTERN

Type ATW-C170
Polarization Horizontal

ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB
0	0.207	-13.68	92	0.760	-2.38	184	0.903	-0.89	276	0.996	-0.03
2	0.211	-13.51	94	0.785	-2.10	186	0.902	-0.90	278	0.992	-0.07
4	0.216	-13.31	96	0.809	-1.84	188	0.901	-0.91	280	0.987	-0.11
6	0.222	-13.07	98	0.832	-1.60	190	0.900	-0.92	282	0.981	-0.17
8	0.227	-12.88	100	0.854	-1.37	192	0.900	-0.92	284	0.973	-0.24
10	0.232	-12.69	102	0.874	-1.17	194	0.900	-0.92	286	0.963	-0.33
12	0.236	-12.54	104	0.893	-0.98	196	0.899	-0.92	288	0.952	-0.43
14	0.240	-12.40	106	0.910	-0.82	198	0.899	-0.92	290	0.940	-0.54
16	0.242	-12.32	108	0.925	-0.68	200	0.899	-0.92	292	0.925	-0.68
18	0.244	-12.25	110	0.940	-0.54	202	0.899	-0.92	294	0.910	-0.82
20	0.245	-12.22	112	0.952	-0.43	204	0.899	-0.92	296	0.893	-0.98
22	0.244	-12.25	114	0.963	-0.33	206	0.900	-0.92	298	0.874	-1.17
24	0.242	-12.32	116	0.973	-0.24	208	0.900	-0.92	300	0.854	-1.37
26	0.240	-12.40	118	0.981	-0.17	210	0.900	-0.92	302	0.832	-1.60
28	0.236	-12.54	120	0.987	-0.11	212	0.901	-0.91	304	0.809	-1.84
30	0.232	-12.69	122	0.992	-0.07	214	0.902	-0.90	306	0.785	-2.10
32	0.227	-12.88	124	0.996	-0.03	216	0.903	-0.89	308	0.760	-2.38
34	0.222	-13.07	126	0.998	-0.02	218	0.904	-0.88	310	0.733	-2.70
36	0.216	-13.31	128	1.000	0.00	220	0.905	-0.87	312	0.706	-3.02
38	0.211	-13.51	130	1.000	0.00	222	0.907	-0.85	314	0.677	-3.39
40	0.207	-13.68	132	0.999	-0.01	224	0.909	-0.83	316	0.648	-3.77
42	0.205	-13.76	134	0.997	-0.03	226	0.911	-0.81	318	0.619	-4.17
44	0.204	-13.81	136	0.995	-0.04	228	0.914	-0.78	320	0.588	-4.61
46	0.206	-13.72	138	0.992	-0.07	230	0.917	-0.75	322	0.558	-5.07
48	0.210	-13.56	140	0.988	-0.10	232	0.920	-0.72	324	0.527	-5.56
50	0.218	-13.23	142	0.983	-0.15	234	0.924	-0.69	326	0.497	-6.07
52	0.229	-12.80	144	0.978	-0.19	236	0.928	-0.65	328	0.466	-6.63
54	0.243	-12.29	146	0.973	-0.24	238	0.932	-0.61	330	0.437	-7.19
56	0.260	-11.70	148	0.968	-0.28	240	0.936	-0.57	332	0.407	-7.81
58	0.280	-11.06	150	0.963	-0.33	242	0.941	-0.53	334	0.379	-8.43
60	0.302	-10.40	152	0.957	-0.38	244	0.946	-0.48	336	0.352	-9.07
62	0.326	-9.74	154	0.952	-0.43	246	0.952	-0.43	338	0.326	-9.74
64	0.352	-9.07	156	0.946	-0.48	248	0.957	-0.38	340	0.302	-10.40
66	0.379	-8.43	158	0.941	-0.53	250	0.963	-0.33	342	0.280	-11.06
68	0.407	-7.81	160	0.936	-0.57	252	0.968	-0.28	344	0.260	-11.70
70	0.437	-7.19	162	0.932	-0.61	254	0.973	-0.24	346	0.243	-12.29
72	0.466	-6.63	164	0.928	-0.65	256	0.978	-0.19	348	0.229	-12.80
74	0.497	-6.07	166	0.924	-0.69	258	0.983	-0.15	350	0.218	-13.23
76	0.527	-5.56	168	0.920	-0.72	260	0.988	-0.10	352	0.210	-13.56
78	0.558	-5.07	170	0.917	-0.75	262	0.992	-0.07	354	0.206	-13.72
80	0.588	-4.61	172	0.914	-0.78	264	0.995	-0.04	356	0.204	-13.81
82	0.619	-4.17	174	0.911	-0.81	266	0.997	-0.03	358	0.205	-13.76
84	0.648	-3.77	176	0.909	-0.83	268	0.999	-0.01	360	0.207	-13.68
86	0.677	-3.39	178	0.907	-0.85	270	1.000	0.00			
88	0.706	-3.02	180	0.905	-0.87	272	1.000	0.00			
90	0.733	-2.70	182	0.904	-0.88	274	0.998	-0.02			

TABULATED DATA FOR AZIMUTH PATTERN
FCC FILING FORMAT

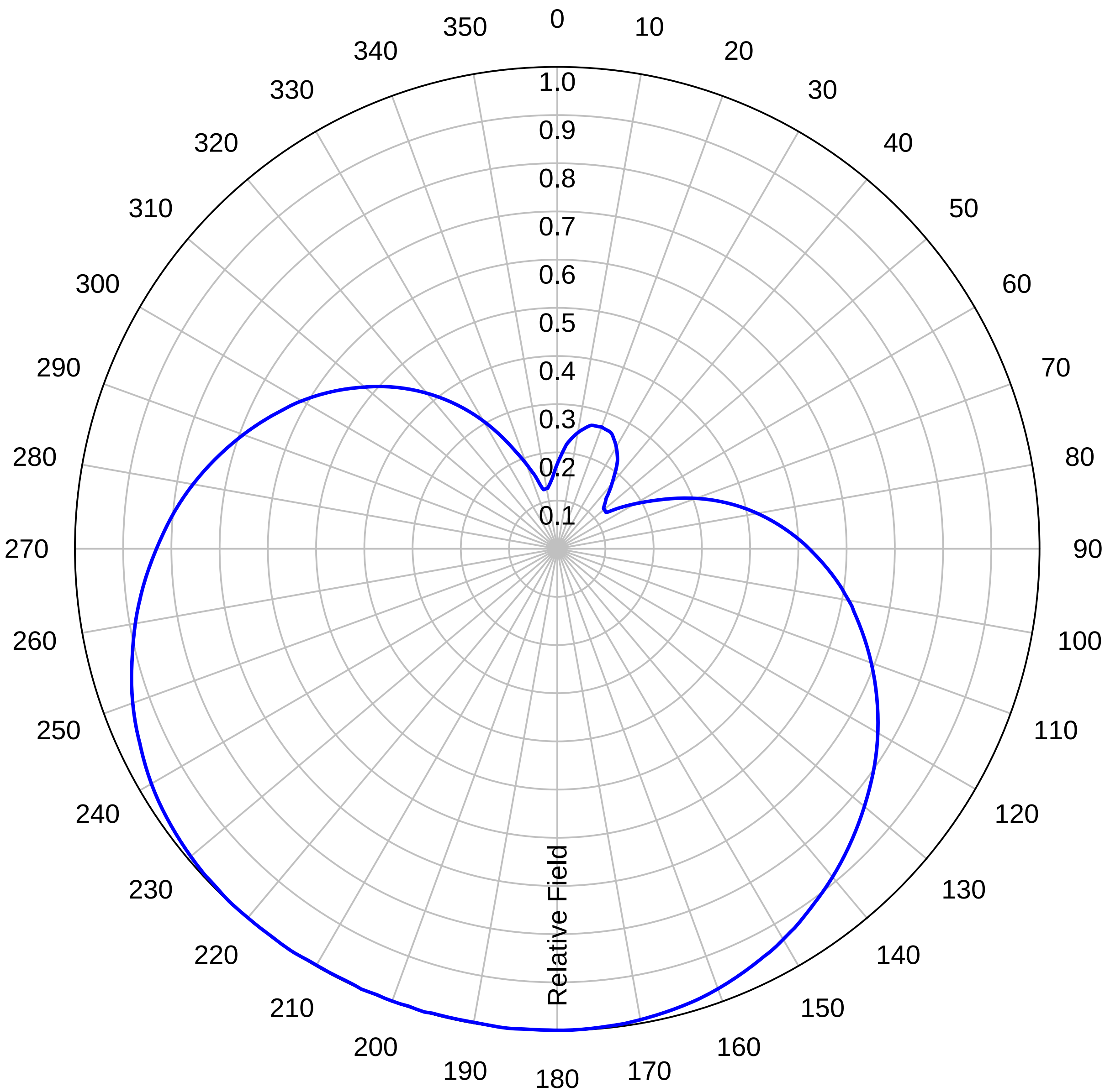
TypeATW-C170
PolarizationHorizontal

ANGLE	FIELD	ERP (kW)	ERP (dBk)
0	0.207	12.855	11.091
10	0.232	16.147	12.081
20	0.245	18.008	12.555
30	0.232	16.147	12.081
40	0.207	12.855	11.091
50	0.218	14.257	11.540
60	0.302	27.361	14.371
70	0.437	57.291	17.581
80	0.588	103.723	20.159
90	0.733	161.187	22.073
100	0.854	218.795	23.400
110	0.940	265.080	24.234
120	0.987	292.251	24.658
130	1.000	300.000	24.771
140	0.988	292.843	24.666
150	0.963	278.211	24.444
160	0.936	262.829	24.197
170	0.917	252.267	24.019
180	0.905	245.708	23.904
190	0.900	243.000	23.856
200	0.899	242.460	23.846
210	0.900	243.000	23.856
220	0.905	245.708	23.904
230	0.917	252.267	24.019
240	0.936	262.829	24.197
250	0.963	278.211	24.444
260	0.988	292.843	24.666
270	1.000	300.000	24.771
280	0.987	292.251	24.658
290	0.940	265.080	24.234
300	0.854	218.795	23.400
310	0.733	161.187	22.073
320	0.588	103.723	20.159
330	0.437	57.291	17.581
340	0.302	27.361	14.371
350	0.218	14.257	11.540

AZIMUTH PATTERN

Type:	**ATW-V20**		**Channel:**	**25**
	Numeric	**dBd**	**Location:**	
Directivity:	**2.00**	**3.01**	**Polarization:**	**Vertical**
Peak(s) at:				

Note: Pattern shape and directivity may vary with channel and mouting configuration.



TABULATED DATA FOR AZIMUTH PATTERN

Type:ATW-V20
Polarization: Vertical

ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB
0	0.176	-15.09	92	0.541	-5.34	184	0.999	-0.01	276	0.794	-2.00
2	0.192	-14.33	94	0.560	-5.04	186	1.000	0.00	278	0.781	-2.15
4	0.208	-13.64	96	0.578	-4.76	188	0.999	-0.01	280	0.767	-2.30
6	0.223	-13.03	98	0.596	-4.50	190	0.998	-0.02	282	0.753	-2.46
8	0.234	-12.62	100	0.613	-4.25	192	0.998	-0.02	284	0.738	-2.64
10	0.245	-12.22	102	0.629	-4.03	194	0.998	-0.02	286	0.723	-2.82
12	0.253	-11.94	104	0.645	-3.81	196	1.000	0.00	288	0.708	-3.00
14	0.261	-11.67	106	0.661	-3.60	198	0.998	-0.02	290	0.693	-3.19
16	0.266	-11.50	108	0.677	-3.39	200	0.999	-0.01	292	0.677	-3.39
18	0.267	-11.47	110	0.693	-3.19	202	0.998	-0.02	294	0.661	-3.60
20	0.269	-11.40	112	0.708	-3.00	204	1.000	0.00	296	0.645	-3.81
22	0.267	-11.47	114	0.723	-2.82	206	0.998	-0.02	298	0.629	-4.03
24	0.266	-11.50	116	0.738	-2.64	208	0.998	-0.02	300	0.613	-4.25
26	0.261	-11.67	118	0.753	-2.46	210	0.998	-0.02	302	0.596	-4.50
28	0.253	-11.94	120	0.767	-2.30	212	0.999	-0.01	304	0.578	-4.76
30	0.245	-12.22	122	0.781	-2.15	214	1.000	0.00	306	0.560	-5.04
32	0.234	-12.62	124	0.794	-2.00	216	0.999	-0.01	308	0.541	-5.34
34	0.223	-13.03	126	0.807	-1.86	218	0.999	-0.01	310	0.522	-5.65
36	0.208	-13.64	128	0.819	-1.73	220	0.999	-0.01	312	0.503	-5.97
38	0.192	-14.33	130	0.831	-1.61	222	0.999	-0.01	314	0.484	-6.30
40	0.176	-15.09	132	0.843	-1.48	224	0.998	-0.02	316	0.463	-6.69
42	0.161	-15.86	134	0.855	-1.36	226	0.996	-0.03	318	0.443	-7.07
44	0.146	-16.71	136	0.867	-1.24	228	0.995	-0.04	320	0.422	-7.49
46	0.138	-17.20	138	0.878	-1.13	230	0.992	-0.07	322	0.400	-7.96
48	0.130	-17.72	140	0.888	-1.03	232	0.989	-0.10	324	0.377	-8.47
50	0.127	-17.92	142	0.898	-0.93	234	0.986	-0.12	326	0.354	-9.02
52	0.126	-17.99	144	0.908	-0.84	236	0.982	-0.16	328	0.330	-9.63
54	0.130	-17.72	146	0.918	-0.74	238	0.978	-0.19	330	0.305	-10.31
56	0.149	-16.54	148	0.928	-0.65	240	0.972	-0.25	332	0.281	-11.03
58	0.167	-15.55	150	0.936	-0.57	242	0.966	-0.30	334	0.255	-11.87
60	0.187	-14.56	152	0.945	-0.49	244	0.959	-0.36	336	0.230	-12.77
62	0.208	-13.64	154	0.952	-0.43	246	0.952	-0.43	338	0.208	-13.64
64	0.230	-12.77	156	0.959	-0.36	248	0.945	-0.49	340	0.187	-14.56
66	0.255	-11.87	158	0.966	-0.30	250	0.936	-0.57	342	0.167	-15.55
68	0.281	-11.03	160	0.972	-0.25	252	0.928	-0.65	344	0.149	-16.54
70	0.305	-10.31	162	0.978	-0.19	254	0.918	-0.74	346	0.130	-17.72
72	0.330	-9.63	164	0.982	-0.16	256	0.908	-0.84	348	0.126	-17.99
74	0.354	-9.02	166	0.986	-0.12	258	0.898	-0.93	350	0.127	-17.92
76	0.377	-8.47	168	0.989	-0.10	260	0.888	-1.03	352	0.130	-17.72
78	0.400	-7.96	170	0.992	-0.07	262	0.878	-1.13	354	0.138	-17.20
80	0.422	-7.49	172	0.995	-0.04	264	0.867	-1.24	356	0.146	-16.71
82	0.443	-7.07	174	0.996	-0.03	266	0.855	-1.36	358	0.161	-15.86
84	0.463	-6.69	176	0.998	-0.02	268	0.843	-1.48	360	0.176	-15.09
86	0.484	-6.30	178	0.999	-0.01	270	0.831	-1.61			
88	0.503	-5.97	180	0.999	-0.01	272	0.819	-1.73			
90	0.522	-5.65	182	0.999	-0.01	274	0.807	-1.86			

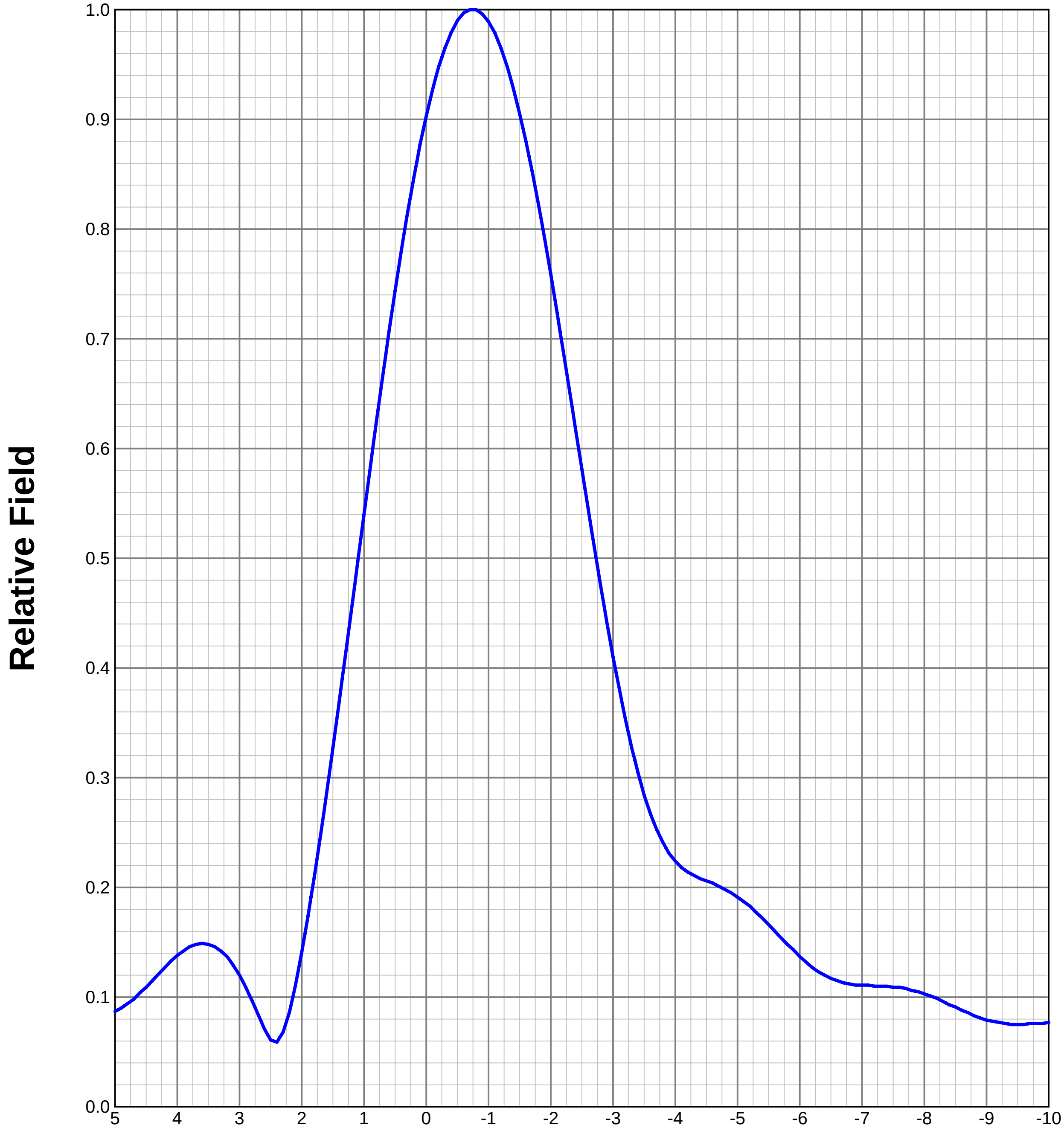
TABULATED DATA FOR AZIMUTH PATTERN
FCC FILING FORMAT

Type:ATW-V20
Polarization: Vertical

ANGLE	FIELD	ERP (kW)	ERP (dBk)
0	0.176	1.859	2.692
10	0.245	3.601	5.565
20	0.269	4.342	6.377
30	0.245	3.601	5.565
40	0.176	1.859	2.692
50	0.127	0.968	-0.142
60	0.187	2.098	3.218
70	0.305	5.582	7.468
80	0.422	10.685	10.288
90	0.522	16.349	12.135
100	0.613	22.546	13.531
110	0.693	28.815	14.596
120	0.767	35.297	15.477
130	0.831	41.434	16.174
140	0.888	47.313	16.750
150	0.936	52.566	17.207
160	0.972	56.687	17.535
170	0.992	59.044	17.712
180	0.999	59.880	17.773
190	0.998	59.760	17.764
200	0.999	59.880	17.773
210	0.998	59.760	17.764
220	0.999	59.880	17.773
230	0.992	59.044	17.712
240	0.972	56.687	17.535
250	0.936	52.566	17.207
260	0.888	47.313	16.750
270	0.831	41.434	16.174
280	0.767	35.297	15.477
290	0.693	28.815	14.596
300	0.613	22.546	13.531
310	0.522	16.349	12.135
320	0.422	10.685	10.288
330	0.305	5.582	7.468
340	0.187	2.098	3.218
350	0.127	0.968	-0.142

ELEVATION PATTERN

Type:	ATW22HS3H		**Channel:**	25
Directivity:	Numeric	dBd	**Location:**	
Main Lobe:	22.00	13.42	**Beam Tilt:**	-0.75
Horizontal:	17.94	12.54	**Polarization:**	Horizontal



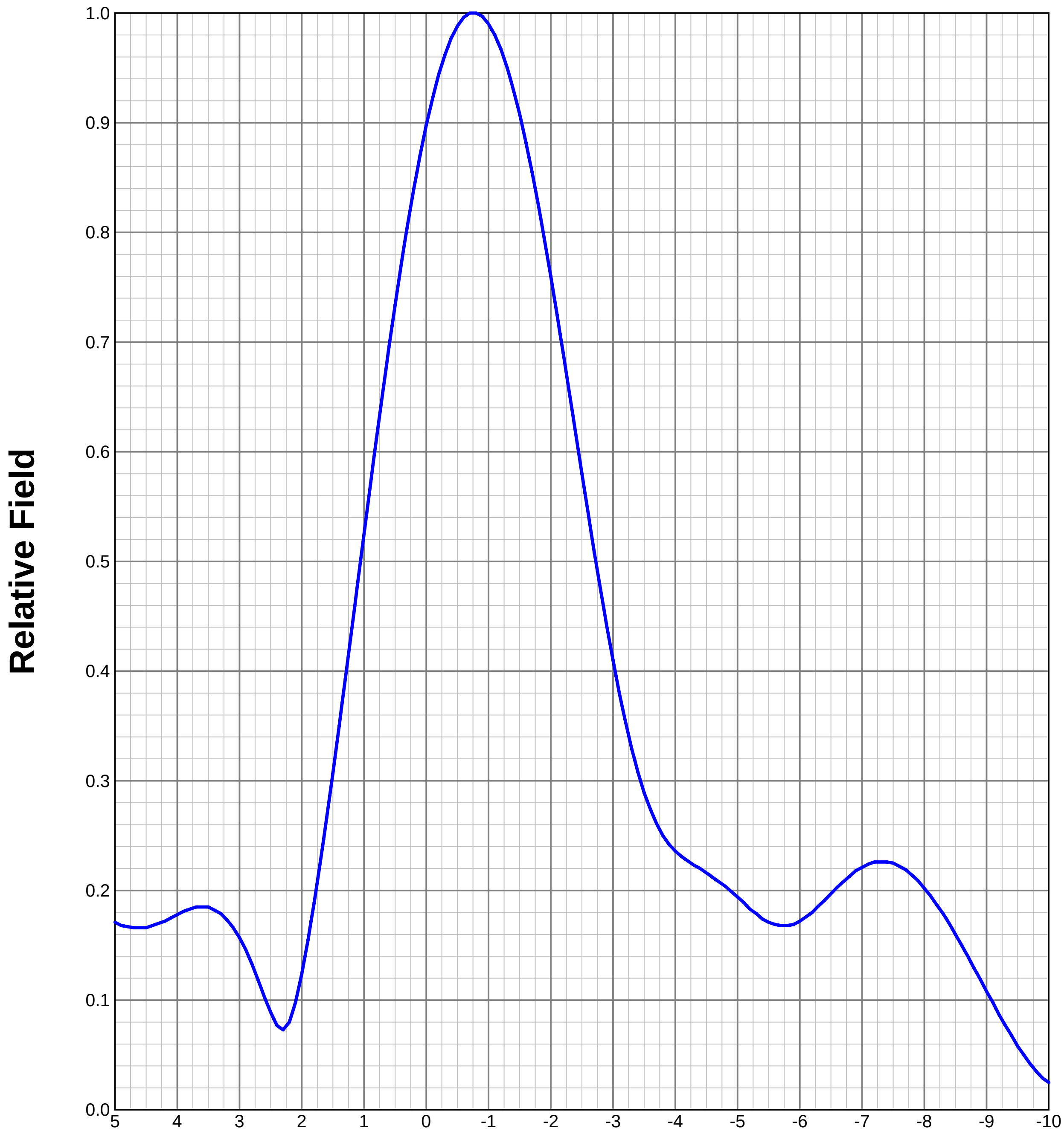
TABULATED DATA FOR ELEVATION PATTERN

Type: ATW22HS3H
PolarizationHorizontal

ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB
5.00	0.087	-21.21	-6.75	0.113	-18.98	-27.00	0.025	-32.04	-50.50	0.030	-30.46	-74.00	0.034	-29.37
4.75	0.096	-20.35	-7.00	0.111	-19.09	-27.50	0.025	-32.04	-51.00	0.030	-30.46	-74.50	0.033	-29.63
4.50	0.109	-19.25	-7.25	0.110	-19.17	-28.00	0.029	-30.75	-51.50	0.029	-30.75	-75.00	0.031	-30.17
4.25	0.124	-18.13	-7.50	0.109	-19.25	-28.50	0.032	-29.90	-52.00	0.027	-31.37	-75.50	0.029	-30.75
4.00	0.138	-17.20	-7.75	0.107	-19.41	-29.00	0.031	-30.17	-52.50	0.026	-31.70	-76.00	0.026	-31.70
3.75	0.147	-16.65	-8.00	0.103	-19.74	-29.50	0.026	-31.70	-53.00	0.026	-31.70	-76.50	0.023	-32.77
3.50	0.148	-16.59	-8.25	0.098	-20.22	-30.00	0.023	-32.77	-53.50	0.027	-31.37	-77.00	0.019	-34.42
3.25	0.140	-17.11	-8.50	0.091	-20.82	-30.50	0.026	-31.70	-54.00	0.029	-30.75	-77.50	0.016	-35.92
3.00	0.120	-18.42	-8.75	0.084	-21.46	-31.00	0.030	-30.46	-54.50	0.030	-30.46	-78.00	0.012	-38.42
2.75	0.090	-20.87	-9.00	0.079	-22.05	-31.50	0.031	-30.17	-55.00	0.031	-30.17	-78.50	0.009	-40.92
2.50	0.061	-24.29	-9.25	0.076	-22.33	-32.00	0.028	-31.06	-55.50	0.030	-30.46	-79.00	0.007	-43.10
2.25	0.077	-22.27	-9.50	0.075	-22.50	-32.50	0.024	-32.40	-56.00	0.029	-30.75	-79.50	0.006	-44.44
2.00	0.141	-17.02	-9.75	0.076	-22.38	-33.00	0.024	-32.40	-56.50	0.028	-31.06	-80.00	0.008	-41.94
1.75	0.228	-12.84	-10.00	0.077	-22.27	-33.50	0.027	-31.37	-57.00	0.027	-31.37	-80.50	0.010	-40.00
1.50	0.327	-9.71	-10.50	0.075	-22.50	-34.00	0.030	-30.46	-57.50	0.027	-31.37	-81.00	0.012	-38.42
1.25	0.432	-7.28	-11.00	0.068	-23.35	-34.50	0.030	-30.46	-58.00	0.028	-31.06	-81.50	0.014	-37.08
1.00	0.540	-5.35	-11.50	0.059	-24.58	-35.00	0.027	-31.37	-58.50	0.029	-30.75	-82.00	0.016	-35.92
0.75	0.645	-3.80	-12.00	0.056	-25.04	-35.50	0.024	-32.40	-59.00	0.030	-30.46	-82.50	0.018	-34.89
0.50	0.744	-2.57	-12.50	0.059	-24.58	-36.00	0.024	-32.40	-59.50	0.031	-30.17	-83.00	0.019	-34.42
0.25	0.831	-1.61	-13.00	0.060	-24.44	-36.50	0.028	-31.06	-60.00	0.031	-30.17	-83.50	0.019	-34.42
0.00	0.903	-0.89	-13.50	0.054	-25.35	-37.00	0.030	-30.46	-60.50	0.031	-30.17	-84.00	0.020	-33.98
-0.25	0.956	-0.39	-14.00	0.047	-26.56	-37.50	0.030	-30.46	-61.00	0.030	-30.46	-84.50	0.019	-34.42
-0.50	0.990	-0.09	-14.50	0.044	-27.13	-38.00	0.027	-31.37	-61.50	0.029	-30.75	-85.00	0.019	-34.42
-0.75	1.000	0.00	-15.00	0.048	-26.38	-38.50	0.024	-32.40	-62.00	0.028	-31.06	-85.50	0.018	-34.89
-1.00	0.989	-0.10	-15.50	0.050	-26.02	-39.00	0.023	-32.77	-62.50	0.027	-31.37	-86.00	0.017	-35.39
-1.25	0.956	-0.39	-16.00	0.046	-26.74	-39.50	0.026	-31.70	-63.00	0.028	-31.06	-86.50	0.016	-35.92
-1.50	0.905	-0.87	-16.50	0.039	-28.18	-40.00	0.029	-30.75	-63.50	0.028	-31.06	-87.00	0.014	-37.08
-1.75	0.838	-1.54	-17.00	0.037	-28.64	-40.50	0.030	-30.46	-64.00	0.030	-30.46	-87.50	0.012	-38.42
-2.00	0.759	-2.40	-17.50	0.041	-27.74	-41.00	0.027	-31.37	-64.50	0.031	-30.17	-88.00	0.010	-40.00
-2.25	0.671	-3.47	-18.00	0.044	-27.13	-41.50	0.024	-32.40	-65.00	0.032	-29.90	-88.50	0.007	-43.10
-2.50	0.581	-4.72	-18.50	0.041	-27.74	-42.00	0.023	-32.77	-65.50	0.032	-29.90	-89.00	0.005	-46.02
-2.75	0.492	-6.15	-19.00	0.035	-29.12	-42.50	0.026	-31.70	-66.00	0.032	-29.90	-89.50	0.003	-50.46
-3.00	0.410	-7.74	-19.50	0.032	-29.90	-43.00	0.029	-30.75	-66.50	0.032	-29.90	-90.00	0.000	-40.00
-3.25	0.340	-9.37	-20.00	0.036	-28.87	-43.50	0.030	-30.46	-67.00	0.031	-30.17			
-3.50	0.284	-10.93	-20.50	0.039	-28.18	-44.00	0.029	-30.75	-67.50	0.029	-30.75			
-3.75	0.247	-12.15	-21.00	0.037	-28.64	-44.50	0.027	-31.37	-68.00	0.027	-31.37			
-4.00	0.224	-13.00	-21.50	0.031	-30.17	-45.00	0.025	-32.04	-68.50	0.026	-31.70			
-4.25	0.212	-13.45	-22.00	0.028	-31.06	-45.50	0.024	-32.40	-69.00	0.025	-32.04			
-4.50	0.206	-13.72	-22.50	0.032	-29.90	-46.00	0.026	-31.70	-69.50	0.025	-32.04			
-4.75	0.200	-14.00	-23.00	0.036	-28.87	-46.50	0.029	-30.75	-70.00	0.026	-31.70			
-5.00	0.191	-14.38	-23.50	0.035	-29.12	-47.00	0.030	-30.46	-70.50	0.027	-31.37			
-5.25	0.180	-14.89	-24.00	0.030	-30.46	-47.50	0.029	-30.75	-71.00	0.029	-30.75			
-5.50	0.166	-15.60	-24.50	0.026	-31.70	-48.00	0.027	-31.37	-71.50	0.031	-30.17			
-5.75	0.151	-16.42	-25.00	0.028	-31.06	-48.50	0.025	-32.04	-72.00	0.033	-29.63			
-6.00	0.137	-17.27	-25.50	0.033	-29.63	-49.00	0.025	-32.04	-72.50	0.034	-29.37			
-6.25	0.125	-18.06	-26.00	0.034	-29.37	-49.50	0.026	-31.70	-73.00	0.035	-29.12			
-6.50	0.117	-18.64	-26.50	0.030	-30.46	-50.00	0.028	-31.06	-73.50	0.035	-29.12			

ELEVATION PATTERN

Type:	ATW19HS3V		Channel:	25
Directivity:	Numeric	dBd	Location:	
Main Lobe:	19.00	12.79	Beam Tilt:	-0.75
Horizontal:	15.32	11.85	Polarization:	Vertical



TABULATED DATA FOR ELEVATION PATTERN

Type: ATW19HS3V
Polarization: Vertical

ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB
5.00	0.171	-15.34	-6.75	0.210	-13.53	-27.00	0.009	-40.92	-50.50	0.062	-24.15	-74.00	0.043	-27.33
4.75	0.167	-15.57	-7.00	0.221	-13.11	-27.50	0.011	-39.17	-51.00	0.072	-22.85	-74.50	0.041	-27.74
4.50	0.166	-15.60	-7.25	0.226	-12.92	-28.00	0.009	-40.92	-51.50	0.078	-22.16	-75.00	0.039	-28.18
4.25	0.171	-15.34	-7.50	0.225	-12.96	-28.50	0.012	-38.42	-52.00	0.081	-21.83	-75.50	0.037	-28.64
4.00	0.178	-14.99	-7.75	0.216	-13.29	-29.00	0.029	-30.75	-52.50	0.080	-21.94	-76.00	0.033	-29.63
3.75	0.184	-14.70	-8.00	0.202	-13.89	-29.50	0.050	-26.02	-53.00	0.077	-22.27	-76.50	0.030	-30.46
3.50	0.185	-14.66	-8.25	0.183	-14.75	-30.00	0.073	-22.73	-53.50	0.072	-22.85	-77.00	0.026	-31.70
3.25	0.176	-15.09	-8.50	0.160	-15.92	-30.50	0.092	-20.72	-54.00	0.065	-23.74	-77.50	0.022	-33.15
3.00	0.157	-16.08	-8.75	0.135	-17.43	-31.00	0.107	-19.41	-54.50	0.058	-24.73	-78.00	0.018	-34.89
2.75	0.126	-18.03	-9.00	0.108	-19.33	-31.50	0.114	-18.86	-55.00	0.051	-25.85	-78.50	0.015	-36.48
2.50	0.089	-21.01	-9.25	0.082	-21.72	-32.00	0.112	-19.02	-55.50	0.044	-27.13	-79.00	0.011	-39.17
2.25	0.076	-22.33	-9.50	0.058	-24.73	-32.50	0.104	-19.66	-56.00	0.039	-28.18	-79.50	0.009	-40.92
2.00	0.124	-18.13	-9.75	0.039	-28.29	-33.00	0.089	-21.01	-56.50	0.035	-29.12	-80.00	0.008	-41.94
1.75	0.208	-13.64	-10.00	0.025	-32.04	-33.50	0.070	-23.10	-57.00	0.033	-29.63	-80.50	0.009	-40.92
1.50	0.307	-10.26	-10.50	0.030	-30.46	-34.00	0.051	-25.85	-57.50	0.033	-29.63	-81.00	0.010	-40.00
1.25	0.415	-7.64	-11.00	0.042	-27.54	-34.50	0.032	-29.90	-58.00	0.034	-29.37	-81.50	0.012	-38.42
1.00	0.525	-5.60	-11.50	0.046	-26.74	-35.00	0.019	-34.42	-58.50	0.035	-29.12	-82.00	0.014	-37.08
0.75	0.633	-3.97	-12.00	0.040	-27.96	-35.50	0.015	-36.48	-59.00	0.035	-29.12	-82.50	0.015	-36.48
0.50	0.734	-2.69	-12.50	0.036	-28.87	-36.00	0.018	-34.89	-59.50	0.035	-29.12	-83.00	0.017	-35.39
0.25	0.824	-1.69	-13.00	0.050	-26.02	-36.50	0.019	-34.42	-60.00	0.032	-29.90	-83.50	0.017	-35.39
0.00	0.898	-0.93	-13.50	0.080	-21.94	-37.00	0.017	-35.39	-60.50	0.028	-31.06	-84.00	0.018	-34.89
-0.25	0.953	-0.42	-14.00	0.113	-18.94	-37.50	0.016	-35.92	-61.00	0.022	-33.15	-84.50	0.018	-34.89
-0.50	0.988	-0.10	-14.50	0.139	-17.14	-38.00	0.023	-32.77	-61.50	0.015	-36.48	-85.00	0.017	-35.39
-0.75	1.000	0.00	-15.00	0.152	-16.36	-38.50	0.038	-28.40	-62.00	0.008	-41.94	-85.50	0.017	-35.39
-1.00	0.990	-0.09	-15.50	0.150	-16.48	-39.00	0.055	-25.19	-62.50	0.007	-43.10	-86.00	0.016	-35.92
-1.25	0.958	-0.37	-16.00	0.133	-17.52	-39.50	0.072	-22.85	-63.00	0.015	-36.48	-86.50	0.014	-37.08
-1.50	0.908	-0.84	-16.50	0.106	-19.49	-40.00	0.086	-21.31	-63.50	0.024	-32.40	-87.00	0.013	-37.72
-1.75	0.840	-1.51	-17.00	0.073	-22.73	-40.50	0.095	-20.45	-64.00	0.032	-29.90	-87.50	0.011	-39.17
-2.00	0.760	-2.38	-17.50	0.041	-27.74	-41.00	0.099	-20.09	-64.50	0.040	-27.96	-88.00	0.009	-40.92
-2.25	0.671	-3.46	-18.00	0.014	-37.08	-41.50	0.097	-20.26	-65.00	0.047	-26.56	-88.50	0.007	-43.10
-2.50	0.580	-4.73	-18.50	0.006	-44.44	-42.00	0.090	-20.92	-65.50	0.052	-25.68	-89.00	0.005	-46.02
-2.75	0.491	-6.18	-19.00	0.015	-36.48	-42.50	0.080	-21.94	-66.00	0.056	-25.04	-89.50	0.002	-53.98
-3.00	0.410	-7.74	-19.50	0.014	-37.08	-43.00	0.067	-23.48	-66.50	0.058	-24.73	-90.00	0.000	-40.00
-3.25	0.342	-9.33	-20.00	0.005	-46.02	-43.50	0.053	-25.51	-67.00	0.058	-24.73			
-3.50	0.289	-10.78	-20.50	0.020	-33.98	-44.00	0.040	-27.96	-67.50	0.057	-24.88			
-3.75	0.256	-11.85	-21.00	0.046	-26.74	-44.50	0.030	-30.46	-68.00	0.056	-25.04			
-4.00	0.236	-12.54	-21.50	0.074	-22.62	-45.00	0.025	-32.04	-68.50	0.053	-25.51			
-4.25	0.225	-12.96	-22.00	0.100	-20.00	-45.50	0.026	-31.70	-69.00	0.051	-25.85			
-4.50	0.216	-13.31	-22.50	0.120	-18.42	-46.00	0.028	-31.06	-69.50	0.049	-26.20			
-4.75	0.206	-13.72	-23.00	0.129	-17.79	-46.50	0.029	-30.75	-70.00	0.047	-26.56			
-5.00	0.194	-14.24	-23.50	0.128	-17.86	-47.00	0.027	-31.37	-70.50	0.045	-26.94			
-5.25	0.181	-14.85	-24.00	0.116	-18.71	-47.50	0.022	-33.15	-71.00	0.045	-26.94			
-5.50	0.171	-15.34	-24.50	0.096	-20.35	-48.00	0.017	-35.39	-71.50	0.045	-26.94			
-5.75	0.168	-15.49	-25.00	0.072	-22.85	-48.50	0.017	-35.39	-72.00	0.045	-26.94			
-6.00	0.172	-15.29	-25.50	0.046	-26.74	-49.00	0.026	-31.70	-72.50	0.045	-26.94			
-6.25	0.183	-14.75	-26.00	0.024	-32.40	-49.50	0.038	-28.40	-73.00	0.045	-26.94			
-6.50	0.197	-14.11	-26.50	0.008	-41.94	-50.00	0.051	-25.85	-73.50	0.044	-27.13			

EXHIBIT D

POWER DENSITY CALCULATION

WRAY-DT CHANNEL SHARING WITH WUNC-DT
CHANNEL 25 – WAKE FOREST, NORTH CAROLINA

Since the FCC considers the possible biological effects of RF transmissions in its environmental determinations, we have studied the matter with respect to this Wake Forest facility. Employing the methods set forth in *OET Bulletin No. 65* and considering a main-lobe effective radiated power of 1000 kW (H,V), an antenna radiation center 383 meters above ground, and the specific elevation pattern for the ERI ATW22HS3-ETC170-25H antenna, a maximum power density value two meters above ground of 0.0019 mW/cm^2 is calculated to exist 298 meters southeast and west of the base of the tower. Since this is only 0.5 percent of the 0.36 mW/cm^2 reference for uncontrolled environments (areas with public access) surrounding a facility operating on Channel 25 (536-542 MHz), this proposal may be considered a minor environmental action with respect to public exposure to non-ionizing electromagnetic radiation.

Further, the station owner will take whatever precautionary steps are necessary, such as reducing power or leaving the air temporarily, to ensure that workers operating in the vicinity of the antenna are not exposed to excessive non-ionizing radiation.