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BEFORE THE
FEDERAL COMMUNICATIONS COMMISSION
WASHINGTON, DC 20554

FILED/ACCEPTED
JUN 19 2008
Federal Communications Commission
Office of the Secretary

In the Matter of	)
KHQ, Incorporated	)
KHQ-DT, Spokane, Washington	)
Facility ID No. 34537	)
Digital Television Table of Allotments	)

PETITION FOR RULEMAKING

KHQ, Incorporated ("KHQ"), licensee of KHQ-DT, Spokane, Washington, pursuant to Section 1.420 of the Commission's rules,[1] requests that the Commission amend its Digital Television Table of Allotments (the "DTV Table"), 47 CFR § 73.622(i), to substitute channel 15 as the post-transition channel for KHQ-DT in place of channel 7 and to amend Appendix B to the DTV Table to permit the station to serve the public with the maximized facility described in the Engineering Statement attached hereto. As explained below, this amendment to the DTV Table meets the Commision's requirements for interference protection and will also result in significant advantages to the public.

KHQ-DT is currently broadcasting on digital channel 15 during the pre-transition period and, pursuant to a Negotiated Channel Election Agreement with Spokane School District #81 ("SSD"), licensee of KSPS-TV/DT, KHQ elected to operate on digital channel 7 post-transition. KSPS-TV currently broadcasts on analog channel *7 and KSPS-DT had elected channel *8 for post-transition digital operations. SSD is filing, within the current window, a petition requesting

[1] 47 CFR § 1.420.

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a change in post-transition allotment to channel *7, which will be available upon grant of this petition.

KHQ submits its petition at this time in response to the Commission's Public Notice of May 30, 2008,[2] which lifted the freeze on the filing of petitions for rulemaking to substitute DTV channels and permitted stations to seek facilities that exceed the parameters in Appendix B.

1. The Proposed Amendment Would Cause No New Interference.

KHQ has engaged Meintel, Sgrignoli, & Wallace, consulting engineers, to conduct an engineering study of the results of operations on a maximized channel 15 post-transition. As explained in the Engineering Statement attached to this petition, such operation would cause no new interference to the currently authorized post-transition operations of any full-power digital television station and no interference to any Class A LPTV station beyond that permitted by the Commission's rules.

2. The Proposed Amendment Would Enable KHQ-DT and KSPS-DT to Provide Improved Service to the Public.

If the Commission grants this petition, KHQ intends to construct a maximized facility with an effective radiated power of 1,000 kW. Additionally, on digital channel *8, KSPS-DT is constrained by the potential of interference with Canadian broadcasting. On channel *7, KSPS-DT will be able to request a power level sufficient to serve approximately thirteen thousand

[2] "Commission Lifts the Freeze on the Filing of Maximization Applications and Petitions for Digital Channel Substitutions, Effective Immediately," DA 08-1213.

additional viewers with its noncommercial, educational programming. Furthermore, KSPS-DT will be able to reduce first-harmonic interference from FM translators through this amendment.[3]

3. The Proposed Amendment Would Aid in a Smooth Transition to Digital Broadcasting in the Spokane Market.

The DTV Table currently assigns channel 7 to KHQ-DT, the channel KSPS-TV is using for analog broadcasts. Without the proposed amendment, KHQ-DT would be unable to broadcast on channel 7 until KSPS-TV terminates analog operations. Thus, KHQ would need to implement a "phased transition" to post-transition digital broadcasting, with the possibility of inconvenience and confusion for the public.[4] The proposed amendment to the DTV Table and Appendix B would mean that KHQ would only need to cease analog broadcasts on channel 6 to meet the transition deadline.

4. Continuing Broadcasts on Channel 15 Will Save Valuable Resources.

The Commission has noted that broadcast equipment manufacturers, suppliers, and installation personnel will be struggling to meet the demands of broadcasters that need new products and services in preparation for the digital transition next February.[5] The proposal that KHQ makes in this petition would permit KHQ-DT to meet the transition without using some of these resources, leaving them available for other broadcasters.

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[3] For a more complete discussion of the benefits to KSPS-DT viewers, please refer to the "Petition for Rulemaking for Digital Channel Substitution and Maximization" submitted by SSD within the current DTV filing window.

[4] *See* Third Periodic Review of the Commission's Rules and Policies Affecting the Conversion to Digital Television, 23 FCC Rcd. 2994, ¶ 88 *et. seq.*

[5] *See, e.g.*, Id., ¶ 72.

5. Conclusion.

KHQ proposes an amendment to the DTV Table of Allotments that would permit KHQ-DT to continue operating permanently on its pre-transition channel, 15. This amendment, along with the maximization that KHQ is prepared to implement, will provide improved service and convenience to the public and will result in the preservation of valuable resources. Additionally, it will enable KSPS-DT to reduce harmonic interference, avoid a conflict with Canadian spectrum use, and expand that station's post-transition noncommercial educational service. Accordingly, KHQ requests that the Commission grant this petition.

Respectfully submitted,

KHQ, INCORPORATED

By: _____

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Its Attorneys

Dated: June 19, 2008

Meintel, Sgrignoli, & Wallace

Engineering Statement to Support Post DTV Transition Allotment Channel Change KHQ-TV Spokane, WA June 17, 2008

In the recently concluded post DTV transition channel election process the Federal Communications Commission (FCC) allotted channel 7 to KHQ-TV Spokane, WA. KHQ-TV currently operates at a DTV facility on channel 15 and their analog on channel 6. Upon further reflection KHQ-TV believes it is in the best long term interest of the station to remain on UHF channel 15 for post transition operation.

In view the above, a study was undertaken to determine if channel 15 would be available for use by KHQ-TV after the DTV transition and if available would KHQ-TV be able to utilize a facility that would replicate the service that would be provided by the allotted channel 7. The study was performed using the FCC's OET-69 analysis model as modified for post DTV transition analyses and utilized a station database that contains the post transition Appendix B allotment parameters as well as recently filed post transition applications and grants and Class A stations.

The results of that study indicate that KHQ-TV would be able to operate post transition on channel 15 with the facility described in the attachment to this report and not cause any new interference to any other station in excess of the permitted 0.5% percent. In fact the analysis yielded that the only

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potentially affected station is a Class A station, KVVK-CA, on channel 15 at Kennewick. WA 214.4 km from KHQ-TV and that the predicted interference to that station is only 0.49%. It should also be noted that KVVK-CA is likely to already be receiving interference from the current KHQ-TV operation on channel 15 and therefore may actually not receive any new interference.

The analysis also indicated that the proposed post transition channel 15 facility would provide predicted service to 99.3% of that which is predicted for the allotted post transition channel 7. It is also noted that station KSPS-TV Spokane, WA supports this proposal. KSPS-TV is currently allotted channel 8 for post transition operation where it is unable to improve its service due to a conflict with Canada. If KHQ-TV is granted its petition to move to channel 15 then KSPS-TV will petition to move from its encumbered channel 8 allotment to the vacated channel 7.

In view of the above, it appears that there should be no reason to not allow the proposed channel change by KHQ-TV. This conclusion is based on the fact that there would be no loss of service and KHQ-TV would be able to better utilize some of its current equipment. In addition, it would provide station KSPS-TV with an opportunity to possibly improve its service and resolve an issue with Canada.

This report prepared by:

William R. Meintel
Partner
Meintel, Sgrignoli & Wallace

Meintel, Sgrignoli, & Wallace

KHQ-TV
Proposed Post Transition Channel 15 Facility

Site: 47-34-52 North 117-17-47 West (Current Allotted Location)

Height Above Average Terrain (HAAT): 653 m

Height of Radiation Center Above Mean Sea Level (RCAMSL): 1373 m (Current Allotted Height)

Effective Radiated Power (ERP): 1,000 kW

Antenna: Directional (no rotation) – See attached antenna parameters

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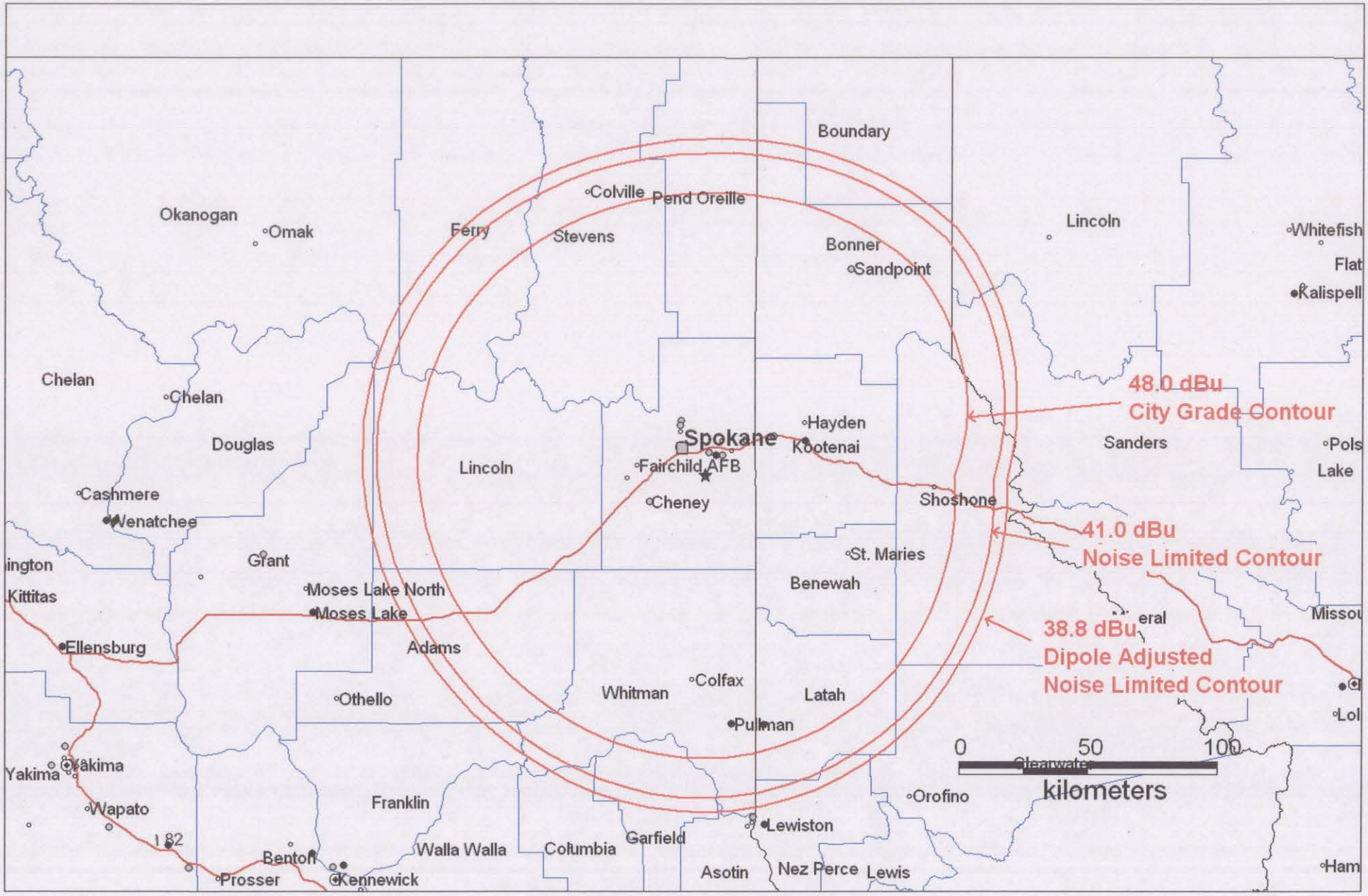


KHQ-TV Spokane, WA
Proposed Channel 15

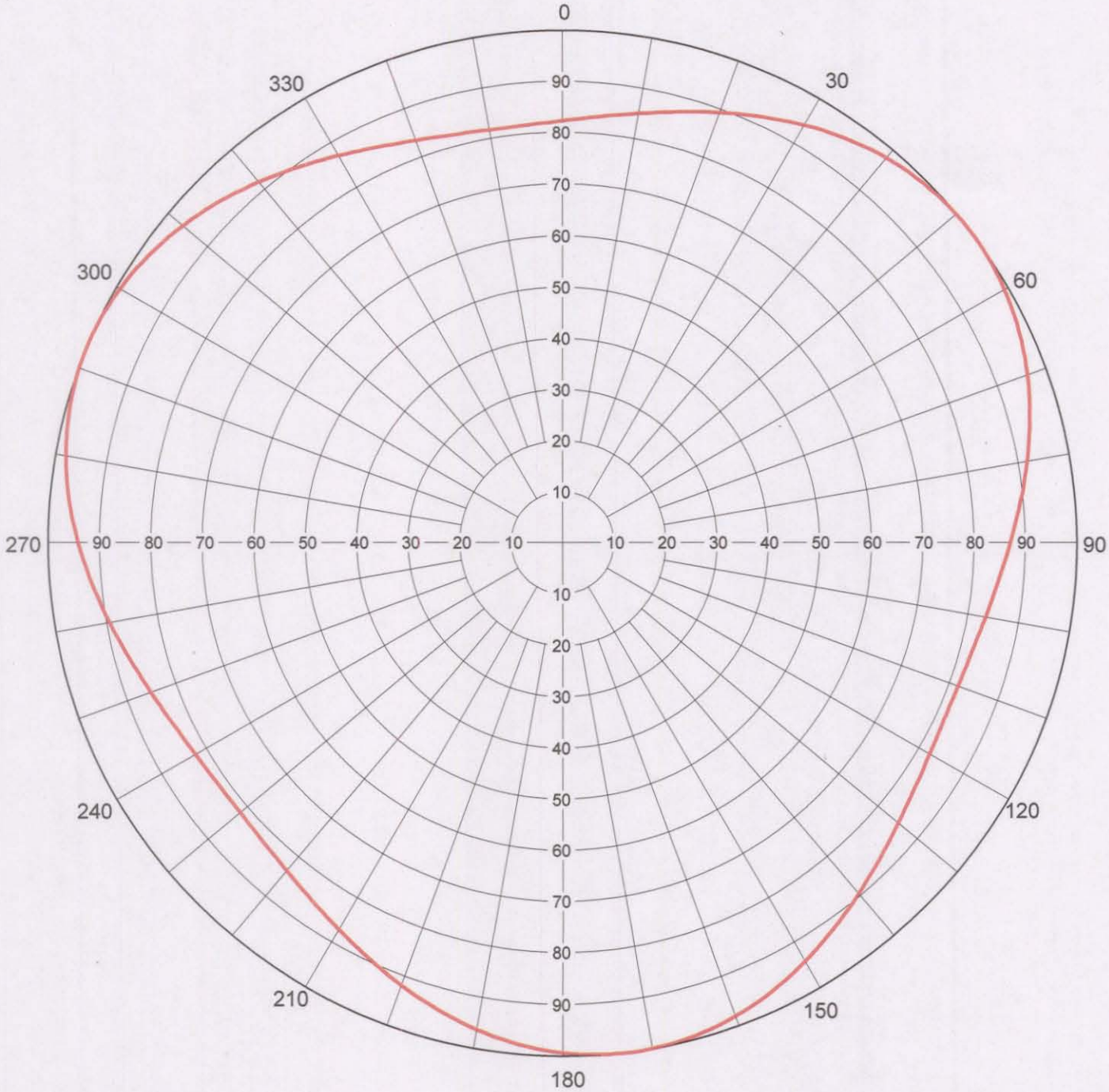
Exhibit No.

Dielectric

Date	**13 Jun 2008**		
Call Letters	**KHQ-TV**	Channel	**15**
Location	**Spokane, WA**		
Customer			
Antenna Type	**TFU-22GTH 6T120**		

AZIMUTH PATTERN

Gain	**1.20 (0.79 dB)**	Frequency	**479 MHz**
Calculated / Measured	**Calculated**	Drawing #	**TFU-6T120**



Remarks:

Exhibit No.

Dielectric

Date **13 Jun 2008**
Call Letters **KHQ-TV** Channel **15**
Location **Spokane, WA**
Customer
Antenna Type **TFU-22GTH 6T120**

TABULATION OF AZIMUTH PATTERN

Azimuth Pattern Drawing # **TFU-6T120**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
0	0.824	45	0.993	90	0.871	135	0.871	180	0.993	225	0.824	270	0.941	315	0.941
1	0.825	46	0.994	91	0.867	136	0.875	181	0.991	226	0.822	271	0.946	316	0.937
2	0.828	47	0.996	92	0.863	137	0.880	182	0.988	227	0.821	272	0.950	317	0.932
3	0.830	48	0.997	93	0.859	138	0.884	183	0.986	228	0.819	273	0.954	318	0.927
4	0.832	49	0.998	94	0.855	139	0.889	184	0.983	229	0.818	274	0.958	319	0.922
5	0.835	50	0.999	95	0.851	140	0.894	185	0.980	230	0.818	275	0.962	320	0.918
6	0.838	51	1.000	96	0.847	141	0.898	186	0.977	231	0.817	276	0.966	321	0.913
7	0.841	52	1.000	97	0.844	142	0.903	187	0.974	232	0.817	277	0.970	322	0.908
8	0.844	53	1.000	98	0.841	143	0.908	188	0.970	233	0.817	278	0.973	323	0.903
9	0.847	54	1.000	99	0.838	144	0.913	189	0.966	234	0.817	279	0.977	324	0.898
10	0.851	55	0.999	100	0.835	145	0.918	190	0.962	235	0.818	280	0.980	325	0.894
11	0.855	56	0.998	101	0.832	146	0.922	191	0.958	236	0.819	281	0.983	326	0.889
12	0.859	57	0.997	102	0.830	147	0.927	192	0.954	237	0.819	282	0.986	327	0.884
13	0.863	58	0.996	103	0.827	148	0.932	193	0.950	238	0.821	283	0.988	328	0.880
14	0.867	59	0.994	104	0.825	149	0.937	194	0.946	239	0.822	284	0.990	329	0.875
15	0.871	60	0.993	105	0.824	150	0.941	195	0.941	240	0.824	285	0.993	330	0.871
16	0.875	61	0.991	106	0.822	151	0.946	196	0.937	241	0.825	286	0.994	331	0.867
17	0.880	62	0.988	107	0.821	152	0.950	197	0.932	242	0.828	287	0.996	332	0.863
18	0.884	63	0.986	108	0.819	153	0.954	198	0.927	243	0.830	288	0.997	333	0.859
19	0.889	64	0.983	109	0.818	154	0.958	199	0.922	244	0.832	289	0.998	334	0.855
20	0.894	65	0.980	110	0.818	155	0.962	200	0.918	245	0.835	290	0.999	335	0.851
21	0.898	66	0.977	111	0.817	156	0.966	201	0.913	246	0.838	291	1.000	336	0.847
22	0.903	67	0.974	112	0.817	157	0.970	202	0.908	247	0.841	292	1.000	337	0.844
23	0.908	68	0.970	113	0.817	158	0.973	203	0.903	248	0.844	293	1.000	338	0.841
24	0.913	69	0.966	114	0.817	159	0.977	204	0.898	249	0.847	294	1.000	339	0.838
25	0.918	70	0.962	115	0.818	160	0.980	205	0.894	250	0.851	295	0.999	340	0.835
26	0.922	71	0.958	116	0.819	161	0.983	206	0.889	251	0.855	296	0.998	341	0.832
27	0.927	72	0.954	117	0.819	162	0.986	207	0.884	252	0.859	297	0.997	342	0.830
28	0.932	73	0.950	118	0.821	163	0.988	208	0.880	253	0.863	298	0.996	343	0.827
29	0.937	74	0.946	119	0.822	164	0.990	209	0.875	254	0.867	299	0.994	344	0.825
30	0.941	75	0.941	120	0.824	165	0.993	210	0.871	255	0.871	300	0.993	345	0.824
31	0.946	76	0.937	121	0.825	166	0.994	211	0.867	256	0.875	301	0.991	346	0.822
32	0.950	77	0.932	122	0.828	167	0.996	212	0.863	257	0.880	302	0.988	347	0.821
33	0.954	78	0.927	123	0.830	168	0.997	213	0.859	258	0.884	303	0.986	348	0.819
34	0.958	79	0.922	124	0.832	169	0.998	214	0.855	259	0.889	304	0.983	349	0.818
35	0.962	80	0.918	125	0.835	170	0.999	215	0.851	260	0.894	305	0.980	350	0.818
36	0.966	81	0.913	126	0.838	171	1.000	216	0.847	261	0.898	306	0.977	351	0.817
37	0.970	82	0.908	127	0.841	172	1.000	217	0.844	262	0.903	307	0.974	352	0.817
38	0.973	83	0.903	128	0.844	173	1.000	218	0.841	263	0.908	308	0.970	353	0.817
39	0.977	84	0.898	129	0.847	174	1.000	219	0.838	264	0.913	309	0.966	354	0.817
40	0.980	85	0.894	130	0.851	175	0.999	220	0.835	265	0.918	310	0.962	355	0.818
41	0.983	86	0.889	131	0.855	176	0.998	221	0.832	266	0.922	311	0.958	356	0.819
42	0.986	87	0.884	132	0.859	177	0.997	222	0.830	267	0.927	312	0.954	357	0.819
43	0.988	88	0.880	133	0.863	178	0.996	223	0.827	268	0.932	313	0.950	358	0.821
44	0.990	89	0.875	134	0.867	179	0.994	224	0.825	269	0.937	314	0.946	359	0.822

Remarks:

Exhibit No.

Dielectric

Date	**13 Jun 2008**		
Call Letters	**KHQ-TV**	Channel	**15**
Location	**Spokane, WA**		
Customer			
Antenna Type	**TFU-22GTH 6T120**		

TABULATION OF AZIMUTH PATTERN

Azimuth Pattern Drawing # **TFU-6T120**

Angle	Field	ERP (kW)	ERP (dBk)
0	0.824	678.8	28.32
10	0.851	724.1	28.60
20	0.894	799.1	29.03
30	0.941	885.3	29.47
40	0.980	960.2	29.82
50	0.999	997.8	29.99
60	0.993	985.9	29.94
70	0.962	925.3	29.66
80	0.918	842.6	29.26
90	0.871	758.5	28.80
100	0.835	697.1	28.43
110	0.818	669.0	28.25
120	0.824	678.8	28.32
130	0.851	724.1	28.60
140	0.894	799.1	29.03
150	0.941	885.3	29.47
160	0.980	960.2	29.82
170	0.999	997.8	29.99
180	0.993	985.9	29.94
190	0.962	925.3	29.66
200	0.918	842.6	29.26
210	0.871	758.5	28.80
220	0.835	697.1	28.43
230	0.818	669.0	28.25
240	0.824	678.8	28.32
250	0.851	724.1	28.60
260	0.894	799.1	29.03
270	0.941	885.3	29.47
280	0.980	960.2	29.82
290	0.999	997.8	29.99
300	0.993	985.9	29.94
310	0.962	925.3	29.66
320	0.918	842.6	29.26
330	0.871	758.5	28.80
340	0.835	697.1	28.43
350	0.818	669.0	28.25

Maxima

Angle	Field	ERP (kW)	ERP (dBk)
53	1.000	999.8	30.00
173	1.000	999.8	30.00
293	1.000	999.8	30.00

Minima

Angle	Field	ERP (kW)	ERP (dBk)
113	0.817	667.4	28.24
233	0.817	667.4	28.24
353	0.817	667.4	28.24

Remarks:

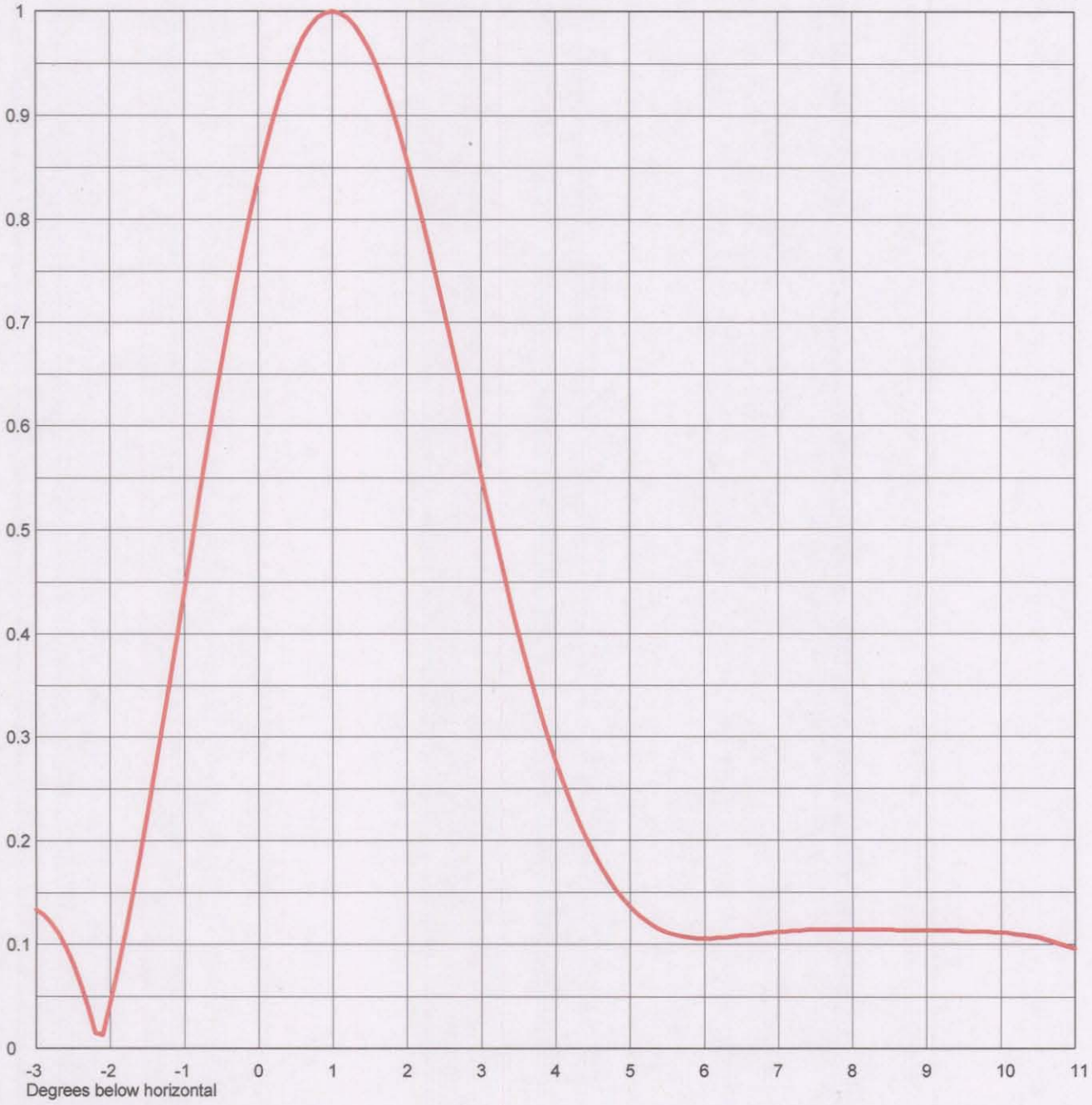
Exhibit No.

Dielectric

Date	**13 Jun 2008**		
Call Letters	**KHQ-TV**	Channel	**15**
Location	**Spokane, WA**		
Customer			
Antenna Type	**TFU-22GTH 6T120**		

ELEVATION PATTERN

RMS Gain at Main Lobe	**19.0 (12.79 dB)**	Beam Tilt	**1.00 Degrees**
RMS Gain at Horizontal	**13.4 (11.27 dB)**	Frequency	**479.00 MHz**
Calculated / Measured	**Calculated**	Drawing #	**22G190100**



Remarks:

Exhibit No.

Dielectric

Date	**13 Jun 2008**		
Call Letters	**KHQ-TV**	Channel	**15**
Location	**Spokane, WA**		
Customer			
Antenna Type	**TFU-22GTH 6T120**		

ELEVATION PATTERN

RMS Gain at Main Lobe	**19.0 (12.79 dB)**	Beam Tilt	**1.00 Degrees**
RMS Gain at Horizontal	**13.4 (11.27 dB)**	Frequency	**479.00 MHz**
Calculated / Measured	**Calculated**	Drawing #	**22G190100-90**

Remarks:

Exhibit No.

Dielectric

Date	**13 Jun 2008**		
Call Letters	**KHQ-TV**	Channel	**15**
Location	**Spokane, WA**		
Customer			
Antenna Type	**TFU-22GTH 6T120**		

TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing # **22G190100**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.112	2.4	0.743	10.6	0.104	30.5	0.001	51.0	0.051	71.5	0.024
-9.5	0.174	2.6	0.680	10.8	0.100	31.0	0.011	51.5	0.033	72.0	0.021
-9.0	0.218	2.8	0.616	11.0	0.096	31.5	0.011	52.0	0.018	72.5	0.017
-8.5	0.230	3.0	0.551	11.5	0.080	32.0	0.002	52.5	0.007	73.0	0.013
-8.0	0.202	3.2	0.488	12.0	0.061	32.5	0.014	53.0	0.001	73.5	0.008
-7.5	0.140	3.4	0.428	12.5	0.041	33.0	0.032	53.5	0.000	74.0	0.003
-7.0	0.058	3.6	0.373	13.0	0.023	33.5	0.046	54.0	0.005	74.5	0.002
-6.5	0.021	3.8	0.322	13.5	0.012	34.0	0.054	54.5	0.014	75.0	0.008
-6.0	0.076	4.0	0.276	14.0	0.009	34.5	0.052	55.0	0.027	75.5	0.013
-5.5	0.092	4.2	0.237	14.5	0.012	35.0	0.040	55.5	0.042	76.0	0.017
-5.0	0.065	4.4	0.203	15.0	0.019	35.5	0.021	56.0	0.057	76.5	0.022
-4.5	0.004	4.6	0.175	15.5	0.027	36.0	0.001	56.5	0.070	77.0	0.025
-4.0	0.069	4.8	0.153	16.0	0.031	36.5	0.021	57.0	0.080	77.5	0.029
-3.5	0.124	5.0	0.136	16.5	0.028	37.0	0.036	57.5	0.087	78.0	0.031
-3.0	0.134	5.2	0.123	17.0	0.020	37.5	0.042	58.0	0.090	78.5	0.033
-2.8	0.121	5.4	0.114	17.5	0.007	38.0	0.038	58.5	0.088	79.0	0.035
-2.6	0.097	5.6	0.109	18.0	0.004	38.5	0.026	59.0	0.082	79.5	0.036
-2.4	0.061	5.8	0.106	18.5	0.012	39.0	0.007	59.5	0.072	80.0	0.036
-2.2	0.015	6.0	0.105	19.0	0.011	39.5	0.015	60.0	0.060	80.5	0.036
-2.0	0.043	6.2	0.106	19.5	0.001	40.0	0.036	60.5	0.046	81.0	0.035
-1.8	0.110	6.4	0.107	20.0	0.016	40.5	0.052	61.0	0.031	81.5	0.034
-1.6	0.185	6.6	0.108	20.5	0.036	41.0	0.060	61.5	0.017	82.0	0.033
-1.4	0.267	6.8	0.110	21.0	0.055	41.5	0.059	62.0	0.004	82.5	0.031
-1.2	0.353	7.0	0.112	21.5	0.067	42.0	0.050	62.5	0.007	83.0	0.029
-1.0	0.442	7.2	0.113	22.0	0.069	42.5	0.035	63.0	0.016	83.5	0.027
-0.8	0.530	7.4	0.114	22.5	0.061	43.0	0.018	63.5	0.022	84.0	0.025
-0.6	0.617	7.6	0.114	23.0	0.046	43.5	0.001	64.0	0.026	84.5	0.022
-0.4	0.698	7.8	0.114	23.5	0.028	44.0	0.012	64.5	0.026	85.0	0.020
-0.2	0.774	8.0	0.114	24.0	0.013	44.5	0.019	65.0	0.025	85.5	0.017
0.0	0.840	8.2	0.114	24.5	0.006	45.0	0.018	65.5	0.021	86.0	0.015
0.2	0.897	8.4	0.114	25.0	0.010	45.5	0.009	66.0	0.016	86.5	0.012
0.4	0.941	8.6	0.113	25.5	0.025	46.0	0.007	66.5	0.010	87.0	0.010
0.6	0.974	8.8	0.113	26.0	0.048	46.5	0.027	67.0	0.003	87.5	0.007
0.8	0.994	9.0	0.113	26.5	0.073	47.0	0.049	67.5	0.004	88.0	0.005
1.0	1.000	9.2	0.113	27.0	0.095	47.5	0.069	68.0	0.010	88.5	0.004
1.2	0.994	9.4	0.113	27.5	0.109	48.0	0.085	68.5	0.016	89.0	0.002
1.4	0.975	9.6	0.112	28.0	0.110	48.5	0.095	69.0	0.020	89.5	0.001
1.6	0.946	9.8	0.112	28.5	0.099	49.0	0.098	69.5	0.023	90.0	0.000
1.8	0.906	10.0	0.111	29.0	0.077	49.5	0.094	70.0	0.025		
2.0	0.858	10.2	0.109	29.5	0.050	50.0	0.083	70.5	0.026		
2.2	0.803	10.4	0.107	30.0	0.022	50.5	0.068	71.0	0.026		

Remarks: