INTELLIGENT

ENGINEERING STATEMENT

In support of a request for

Minor Modification to a Digital TV Translator or LPTV Station

K22MT-D CH22

Idabel, Oklahoma

Facility ID: 50174

PURPOSE

Intelligent Design and Services, Inc. ("iDSi") has been retained by the Oklahoma Educational Television Authority (OETA), the "Applicant", to prepare this engineering statement in support of a request for a Minor Modification. The Applicant has an existing license, LMS 0000059597, for K22MT-D CH22 Digital TV Translator, Facility ID 50174. The Applicant proposes to move the transmitting antenna location with no change in frequency, and the resulting protected contour would overlap a portion of the protected contour of the authorized facilities of the existing station.

DISCUSSION

The owner of the tower, Antenna Structure Registration Number (ASR) 1010991, where the K22MT-D facility is located will not renew the station's lease and plans to dismantle the tower later this year. The Applicant proposes to relocate to a muti-use tower, ASR 1313116, approximately 12 miles away. This structure is much shorter than the one at the existing site resulting in a decrease in height as well as a change in location. To maintain a noise-limited contour over the City of License, Idabel, OK, and avoid interference to others from the proposed new location and height, the Applicant proposes to use a directional antenna pattern.

A summary of the proposed technical specifications follows:

Location: 34º 02' 57.3" Latitude

94º 44' 10.2" Longitude (NAD83)

ASR 1313116

Height: 81 m Radiation Center Above Ground

ERP: 9.5 kW

Antenna: Directional (rotation: 225º True North)

An interference study was performed using the proposed location, height, antenna pattern, and ERP utilizing the FCC TVStudy v2.2.5 software. The study result for this proposal indicates no unacceptable interference to others and is included as **Exhibit 1**.

FCC OET Bulletin No. 65 “Evaluating Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields”, Edition 97-01, and has been found to comply with the limits set forth in Section 1.1310 of the Rules as shown in **Exhibit 2**. The total exposure as defined by the ANSI standard computations for occupational/controlled area is 0.028 % of the maximum. The total exposure as defined by the ANSI standard computations for general population/uncontrolled area is 0.138 % of the maximum.

The proposed coverage contour shown in **Exhibit 3**.

The proposed antenna technical information is shown in **Exhibit 4**.

CONCLUSION

It is respectfully requested that the Commission grant this request for Minor Modification for the facility as specified herein.

DECLARATION

David Sanderford, E.I.T., declares and states that he is a graduate Electrical Engineer with a Bachelor of Science Degree in Electrical Engineering from the Georgia Institute of Technology, and his qualifications are known to the Federal Communications Commission. He is President of Intelligent Design and Services, Inc., a Registered Professional Engineering Firm in the State of Texas, and that firm has been retained by OETA, to perform the engineering support as contained in this report.

All facts contained herein are true of his own knowledge except where stated to be on information or belief provided by others, and as to those facts, he believes them to be true.

_____

I declare under penalty of perjury that the foregoing is true and correct.

David Sanderford
President - iDSi

Executed this 23rd day of May, 2023

EXHIBIT 1

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tvstudy v2.2.5 (4uoc83)
Database: localhost,  Study: K22MT_ODOT_9.5 #17,  Model: Longley-Rice
Start: 2023.05.19 00:40:32

Study created: 2023.05.19 00:40:32

Study build station data: LMS TV 2023-05-17

    Proposal: K22MT-D D22 LD LIC IDABEL, OK
 File number: K22MT_ODOT_9.5
 Facility ID: 50174
Station data: User record
   Record ID: 18
     Country: U.S.

Build options:
Protect pre-transition records not on baseline channel

Stations potentially affected by proposal:

IX   Call      Chan       Svc Status  City, State              File Number             Distance
No   KTEV-LD   N19+       TX  LIC     TEXARKANA, AR            BLTTL20061211AAB         90.7 km
Yes  KHBS      D21        DT  LIC     FORT SMITH, AR           BLCDT20031121AMR        113.7
No   KKYK-CD   D21        DC  LIC     LITTLE ROCK, AR          BLANK0000062774         221.7
No   KVPO-LD   D21-       LD  LIC     SHREVEPORT, LA           BLANK0000160538         176.9
No   KVPO-LD   D21        LD  CP      SHREVEPORT, LA           BLANK0000198683         182.5
No   KDTX-TV   D21        DT  LIC     DALLAS, TX               BLANK0000075181         263.4
No   K21PE-D   D21        LD  LIC     TYLER, TX                BLANK0000212512         173.7
No   K22HS-D   D22        LD  LIC     EUREKA SPRINGS, AR       BLDTL20110517ADA        272.1
No   K22OC-D   D22        LD  LIC     FORT SMITH, AR           BLANK0000151094         159.1
No   K22OC-D   D22        LD  CP      FORT SMITH, AR           BLANK0000213944         159.1
No   KJNE-LD   D22z       LD  LIC     JONESBORO, AR            BLANK0000055090         422.8
No   KATV      D22        DT  LIC     LITTLE ROCK, AR          BLANK0000212657         222.2
No   K22OW-D   D22        LD  APP     ALEXANDRIA, LA           BLANK0000212612         381.9
No   K22NI-D   D22        LD  LIC     LEESVILLE, LA            BLANK0000064144         344.2
No   KMCT-TV   D22        DT  LIC     WEST MONROE, LA          BLANK0000063151         295.3
No   KRBK      D22        DT  LIC     OSAGE BEACH, MO          BLANK0000171221         387.5
No   K22JQ-D   D22        LD  CP      ARDMORE, OK              BLANK0000164280         206.1
No   K22JQ-D   D22        LD  LIC     ARDMORE, OK              BLDTL20140224ACC        222.4
No   KTOU-LD   D22        LD  LIC     OKLAHOMA CITY, OK        BLANK0000193102         293.0
No   KOKI-TV   D22        DT  LIC     TULSA, OK                BLCDT20021127AGL        235.9
No   KNAV-LD   D22        LD  LIC     DALLAS, TX               BLANK0000120153         263.4
Yes  KETK-TV   D22        DT  LIC     JACKSONVILLE, TX         BMLCDT20120516ABW       227.4
No   KGSW-LD   D22        LD  LIC     KEENE, TX                BLANK0000106132         302.7
No   K22NR-D   D22        LD  LIC     STEPHENVILLE, TX         BLANK0000074737         387.3
No   KAUZ-TV   D22        DT  LIC     WICHITA FALLS, TX        BLCDT20090724ACR        350.9
No   K23OW-D   D23        LD  LIC     HOT SPRINGS, AR          BLANK0000087667         179.4
No   KSLA      D23        DT  LIC     SHREVEPORT, LA           BLANK0000192887         170.0
No   KQDA-LD   D23        LD  CP      DENISON, TX              BLANK0000001210         169.4
No   KQDA-LD   D23        LD  LIC     DENISON, TX              BLDTL20150106ABO        153.1
No   KTXD-TV   D23        DT  LIC     GREENVILLE, TX           BLANK0000080284         263.4
No   KVPO-LD   N30-       TX  LIC     SHREVEPORT, LA           BLTTL19950412IB          91.4

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

    Channel: D22
       Mask: Full Service
   Latitude:  34  2 57.30 N (NAD83)
  Longitude:  94 44 10.20 W
Height AMSL: 229.7 m
       HAAT: 0.0 m
   Peak ERP: 9.50 kW
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Antenna: DLP-C 0.0 deg
Elev Pattrn: Generic
Elec Tilt: 1.00

49.6 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	1.44 kW	31.7 m	20.4 km
45.0	2.64	31.3	23.1
90.0	1.62	98.9	33.1
135.0	3.31	114.4	38.3
180.0	7.73	114.5	42.6
225.0	9.50	109.6	43.1
270.0	7.42	91.1	39.8
315.0	2.84	46.8	27.7

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 80 m

Distance to Canadian border: 1339.4 km

Distance to Mexican border: 783.0 km

Conditions at FCC monitoring station: Kingsville TX
Bearing: 203.1 degrees Distance: 793.5 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 309.0 degrees Distance: 1147.6 km

Study cell size: 1.00 km
Profile point spacing: 1.00 km

Maximum new IX to full-service and Class A: 0.50%
Maximum new IX to LPTV: 2.00%

Interference to BLCDT20031121AMR LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KHBS	D21	DT	LIC	FORT SMITH, AR	BLCDT20031121AMR	
Undesireds:	K22MT-D	D22	LD	LIC	IDABEL, OK	K22MT_ODOT_9.5	113.7 km
	KQCW-DT	D20	DT	CP	MUSKOGEE, OK	BLANK0000211781	138.8
	KKYK-CD	D21	DC	LIC	LITTLE ROCK, AR	BLANK0000062774	201.2
	KUOT-CD	D21	DC	LIC	OKLAHOMA CITY, OK	BLANK0000069721	254.8
	KDTX-TV	D21	DT	LIC	DALLAS, TX	BLANK0000075181	347.6
	KATV	D22	DT	LIC	LITTLE ROCK, AR	BLANK0000212657	201.8
	KOKI-TV	D22	DT	LIC	TULSA, OK	BLCDT20021127AGL	139.5

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
40307.6	632,382	35763.8	609,980	33989.6	564,299	33984.6	564,254	0.01	0.01

Undesired	Total IX		Unique IX, before		Unique IX, after	
K22MT-D D22 LD LIC	29.9	123			5.0	45
KQCW-DT D20 DT CP	941.1	33,028	120.8	3,274	120.8	3,274
KKYK-CD D21 DC LIC	176.5	2,903	166.5	2,898	166.5	2,898
KUOT-CD D21 DC LIC	1.0	0	1.0	0	1.0	0
KDTX-TV D21 DT LIC	475.0	944	475.0	944	450.1	866
KATV D22 DT LIC	12.0	5	2.0	0	2.0	0
KOKI-TV D22 DT LIC	998.9	38,560	178.6	8,806	178.6	8,806

Interference to BLCDT20031121AMR LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KHBS	D21	DT	LIC	FORT SMITH, AR	BLCDT20031121AMR	
Undesireds:	K22MT-D	D22	LD	LIC	IDABEL, OK	K22MT_ODOT_9.5	113.7 km

	KQCW-DT	D20	DT	LIC	MUSKOGEE, OK	BMLCDT20130823ACR	127.0
	KKYK-CD	D21	DC	LIC	LITTLE ROCK, AR	BLANK0000062774	201.2
	KUOT-CD	D21	DC	LIC	OKLAHOMA CITY, OK	BLANK0000069721	254.8
	KDTX-TV	D21	DT	LIC	DALLAS, TX	BLANK0000075181	347.6
	KATV	D22	DT	LIC	LITTLE ROCK, AR	BLANK0000212657	201.8
	KOKI-TV	D22	DT	LIC	TULSA, OK	BLCDT20021127AGL	139.5

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
40307.6	632,382	35763.8	609,980	34000.1	564,930	33995.1	564,885	0.01	0.01

Undesired		Total IX		Unique IX, before		Unique IX, after	
K22MT-D D22 LD LIC	29.9	123				5.0	45
KQCW-DT D20 DT LIC	636.3	13,203		110.3	2,643	110.3	2,643
KKYK-CD D21 DC LIC	176.5	2,903		166.5	2,898	166.5	2,898
KUOT-CD D21 DC LIC	1.0	0		1.0	0	1.0	0
KDTX-TV D21 DT LIC	475.0	944		475.0	944	450.1	866
KATV D22 DT LIC	12.0	5		2.0	0	2.0	0
KOKI-TV D22 DT LIC	998.9	38,560		472.9	28,000	472.9	28,000

Interference to BMLCDT20120516ABW LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KETK-TV	D22	DT	LIC	JACKSONVILLE, TX	BMLCDT20120516ABW	
Undesireds:	K22MT-D	D22	LD	LIC	IDABEL, OK	K22MT_ODOT_9.5	227.4 km
	KDTX-TV	D21	DT	LIC	DALLAS, TX	BLANK0000075181	166.2
	KATV	D22	DT	LIC	LITTLE ROCK, AR	BLANK0000212657	401.4
	KLRU	D22	DT	LIC	AUSTIN, TX	BLEDT20040305ACK	305.6
	KTMD	D22	DT	LIC	GALVESTON, TX	BLANK0000169199	277.4
	KSLA	D23	DT	LIC	SHREVEPORT, LA	BLANK0000192887	146.5
	KTXD-TV	D23	DT	LIC	GREENVILLE, TX	BLANK0000080284	166.2

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
36492.0	1,031,357	36328.9	1,030,318	34655.4	1,004,918	34643.4	1,004,721	0.03	0.02

Undesired		Total IX		Unique IX, before		Unique IX, after	
K22MT-D D22 LD LIC	21.0	208				12.0	197
KDTX-TV D21 DT LIC	35.1	505		0.0	0	0.0	0
KATV D22 DT LIC	24.0	205		7.0	43	2.0	43
KLRU D22 DT LIC	114.9	481		20.3	0	20.3	0
KTMD D22 DT LIC	814.6	8,687		716.9	8,181	716.9	8,181
KSLA D23 DT LIC	715.2	14,812		695.2	14,625	694.2	14,625
KTXD-TV D23 DT LIC	119.5	1,883		84.3	1,378	84.3	1,378

Interference to proposal scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K22MT-D	D22	LD	LIC	IDABEL, OK	K22MT_ODOT_9.5	
Undesireds:	K22OC-D	D22	LD	LIC	FORT SMITH, AR	BLANK0000151094	159.1 km
	KATV	D22	DT	LIC	LITTLE ROCK, AR	BLANK0000212657	222.2
	K22JQ-D	D22	LD	CP	ARDMORE, OK	BLANK0000164280	206.1
	KETK-TV	D22	DT	LIC	JACKSONVILLE, TX	BMLCDT20120516ABW	227.4

Service area		Terrain-limited		IX-free		Percent IX	
3779.1	32,112	3762.0	32,112	3708.8	31,995	1.41	0.36

Undesired	Total IX		Unique IX		Prcnt Unique IX	
KATV D22 DT LIC	11.9	93	7.9	72	0.21	0.22
KETK-TV D22 DT LIC	45.3	45	41.3	24	1.10	0.07

EXHIBIT 2

ENVIRONMENTAL STATEMENT

The proposed facility complies in full with the requirements of 47 C.F.R. Section 1.1306 and will have no significant environmental impact. Population is very scattered and sparse near the immediate location of the proposed site. The proposed site does not involve any of the conditions specified in Section 1.1307(a)(1) - (6) of the Rules.

The **K22MT-D** facility has been studied in accordance with the procedures set forth in the FCC OET Bulletin No. 65 "Evaluating Compliance With FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields", Edition 97-01, and has been found to comply with the limits set forth in Section 1.1310 of the Rules. The total exposure attributable to this station as defined by the ANSI standard computations for occupational/controlled area is **0.03 %** of the maximum and is **0.14 %** of the maximum for general population/uncontrolled area. As this is less than the 5% limit set forth by the rules in Section 1.1307(b) for a multi-use tower site, the station is categorically excluded from taking action to bring the site into compliance should the guidelines be exceeded. The proposed facility complies with the Commission's guidelines.

Multiple Use Tower

Location: **K22MT-D Idabel, OK** 5/18/2023

Channel Frequency Type	Call Letters	Service	ERP (W) H+V	Ant Center of Radiation AG (m)	% of ANSI/FCC Limit (6min)	% of ANSI/FCC Limit (30 min)
22	K22MT-D	LPDTV	9,500	81.00	0.028	0.138
Total %					**0.028**	**0.138**

IN COMPLIANCE

The Oklahoma Educational Television Authority (Applicant) agrees to maintain full compliance with the safety precautions to workers on the tower (controlled) and the general public (uncontrolled) by reducing or removing radiated power during the time of construction or maintenance on or near the antenna. The Applicant also certifies that it, in coordination with other users of the site, will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from Radiofrequency Electromagnetic exposure in excess of FCC guidelines.

The Applicant is believed to be in full compliance with the Environmental Impact and Commission Rules.

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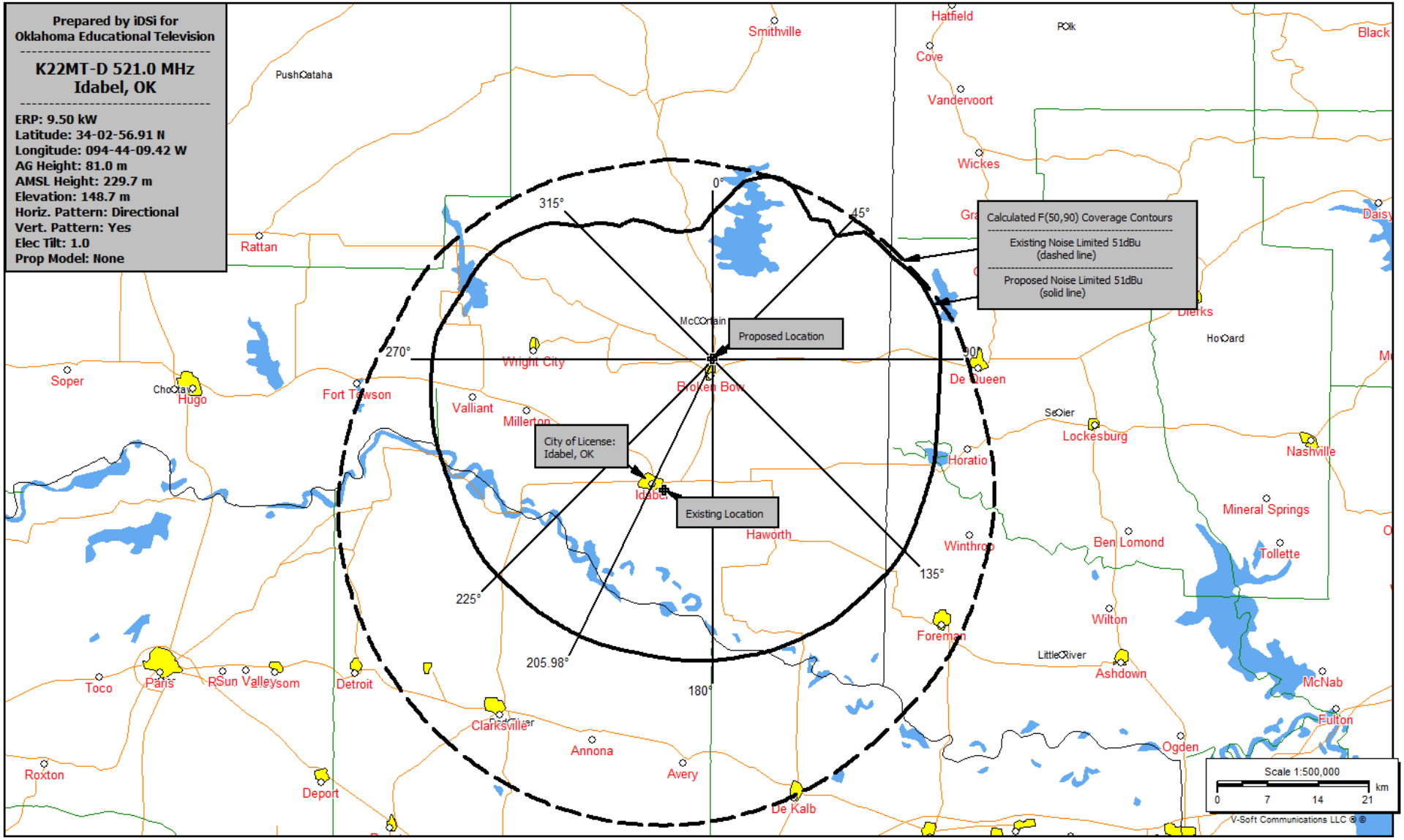
EXHIBIT 3



1957 Reynolds Dr. * Azle, Texas 76020 * (817) 783-5566 * FAX (817) 783-5577

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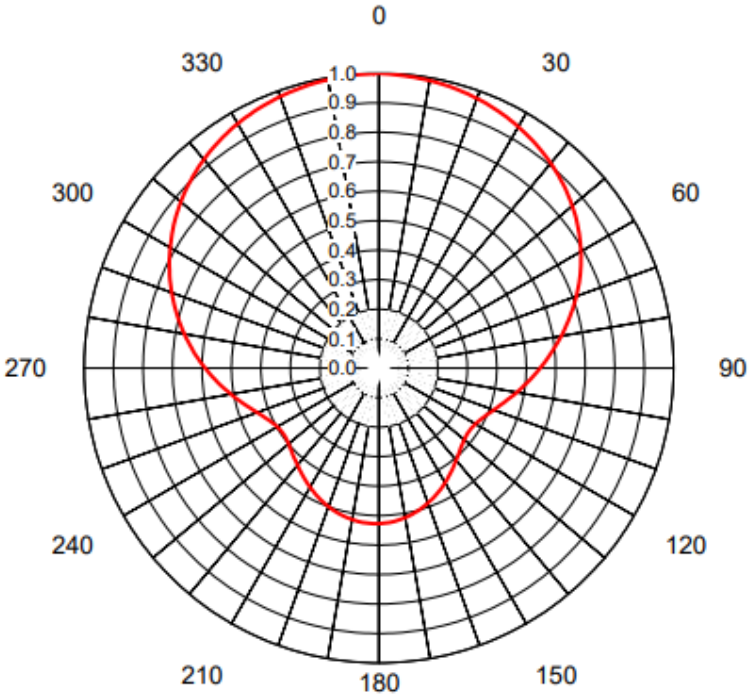
EXHIBIT 4



AZIMUTH PATTERN
Horizontal Polarization

Proposal No.	**DVB 23025**
Date	**19-May-23**
Call Letters	**K22MT-D**
Channel	**22**
Frequency	**521 MHz**
Antenna Type	**DLP-8C**
Gain	**2.09 (3.2dB)**
	Calculated
Pattern Number	**TLP-C-22 Hpol**

Deg	Value	Deg	Value	Deg	Value	Deg	Value	Deg	Value	Deg	Value	Deg	Value	Deg	Value	Deg	Value	Deg	Value
0	1.000	36	0.924	72	0.696	108	0.425	144	0.424	180	0.527	216	0.444	252	0.452	288	0.733	324	0.939
1	0.999	37	0.920	73	0.687	109	0.420	145	0.428	181	0.528	217	0.440	253	0.459	289	0.741	325	0.942
2	0.998	38	0.916	74	0.679	110	0.414	146	0.432	182	0.528	218	0.437	254	0.465	290	0.748	326	0.946
3	0.997	39	0.912	75	0.670	111	0.410	147	0.437	183	0.528	219	0.433	255	0.472	291	0.755	327	0.949
4	0.996	40	0.907	76	0.662	112	0.405	148	0.441	184	0.527	220	0.430	256	0.479	292	0.763	328	0.952
5	0.995	41	0.903	77	0.653	113	0.401	149	0.445	185	0.527	221	0.426	257	0.487	293	0.770	329	0.955
6	0.995	42	0.898	78	0.645	114	0.396	150	0.449	186	0.526	222	0.423	258	0.494	294	0.777	330	0.958
7	0.994	43	0.893	79	0.637	115	0.393	151	0.453	187	0.525	223	0.419	259	0.502	295	0.784	331	0.960
8	0.993	44	0.889	80	0.628	116	0.389	152	0.457	188	0.524	224	0.416	260	0.510	296	0.791	332	0.963
9	0.992	45	0.884	81	0.620	117	0.386	153	0.461	189	0.523	225	0.413	261	0.517	297	0.798	333	0.965
10	0.990	46	0.878	82	0.611	118	0.383	154	0.465	190	0.522	226	0.410	262	0.525	298	0.804	334	0.968
11	0.989	47	0.873	83	0.603	119	0.381	155	0.469	191	0.520	227	0.407	263	0.533	299	0.811	335	0.970
12	0.988	48	0.868	84	0.595	120	0.378	156	0.472	192	0.518	228	0.405	264	0.541	300	0.818	336	0.972
13	0.986	49	0.862	85	0.587	121	0.377	157	0.476	193	0.517	229	0.402	265	0.549	301	0.824	337	0.974
14	0.985	50	0.857	86	0.579	122	0.375	158	0.480	194	0.515	230	0.400	266	0.557	302	0.830	338	0.976
15	0.983	51	0.851	87	0.571	123	0.374	159	0.483	195	0.512	231	0.398	267	0.565	303	0.837	339	0.978
16	0.981	52	0.845	88	0.563	124	0.373	160	0.487	196	0.510	232	0.396	268	0.573	304	0.843	340	0.980
17	0.980	53	0.839	89	0.555	125	0.373	161	0.490	197	0.508	233	0.395	269	0.581	305	0.849	341	0.982
18	0.978	54	0.833	90	0.547	126	0.373	162	0.493	198	0.505	234	0.394	270	0.590	306	0.855	342	0.983
19	0.976	55	0.826	91	0.539	127	0.374	163	0.497	199	0.503	235	0.393	271	0.598	307	0.860	343	0.985
20	0.973	56	0.820	92	0.532	128	0.375	164	0.500	200	0.500	236	0.393	272	0.606	308	0.866	344	0.986
21	0.971	57	0.813	93	0.524	129	0.376	165	0.502	201	0.497	237	0.394	273	0.614	309	0.872	345	0.988
22	0.969	58	0.806	94	0.517	130	0.378	166	0.505	202	0.494	238	0.395	274	0.622	310	0.877	346	0.989
23	0.966	59	0.799	95	0.510	131	0.380	167	0.508	203	0.491	239	0.396	275	0.630	311	0.882	347	0.990
24	0.964	60	0.792	96	0.502	132	0.382	168	0.510	204	0.488	240	0.398	276	0.638	312	0.887	348	0.991
25	0.961	61	0.784	97	0.495	133	0.385	169	0.513	205	0.484	241	0.400	277	0.646	313	0.892	349	0.993
26	0.958	62	0.777	98	0.488	134	0.387	170	0.515	206	0.481	242	0.403	278	0.654	314	0.897	350	0.994
27	0.955	63	0.769	99	0.481	135	0.390	171	0.517	207	0.477	243	0.406	279	0.663	315	0.902	351	0.995
28	0.952	64	0.761	100	0.474	136	0.394	172	0.519	208	0.474	244	0.410	280	0.671	316	0.907	352	0.995
29	0.949	65	0.754	101	0.468	137	0.397	173	0.520	209	0.470	245	0.414	281	0.679	317	0.911	353	0.996
30	0.946	66	0.746	102	0.461	138	0.401	174	0.522	210	0.467	246	0.419	282	0.686	318	0.916	354	0.997
31	0.942	67	0.737	103	0.455	139	0.404	175	0.523	211	0.463	247	0.423	283	0.694	319	0.920	355	0.998
32	0.939	68	0.729	104	0.448	140	0.408	176	0.524	212	0.459	248	0.429	284	0.702	320	0.924	356	0.998
33	0.935	69	0.721	105	0.442	141	0.412	177	0.525	213	0.455	249	0.434	285	0.710	321	0.928	357	0.999
34	0.932	70	0.713	106	0.436	142	0.416	178	0.526	214	0.452	250	0.440	286	0.718	322	0.932	358	0.999
35	0.928	71	0.704	107	0.430	143	0.420	179	0.527	215	0.448	251	0.446	287	0.725	323	0.935	359	0.999

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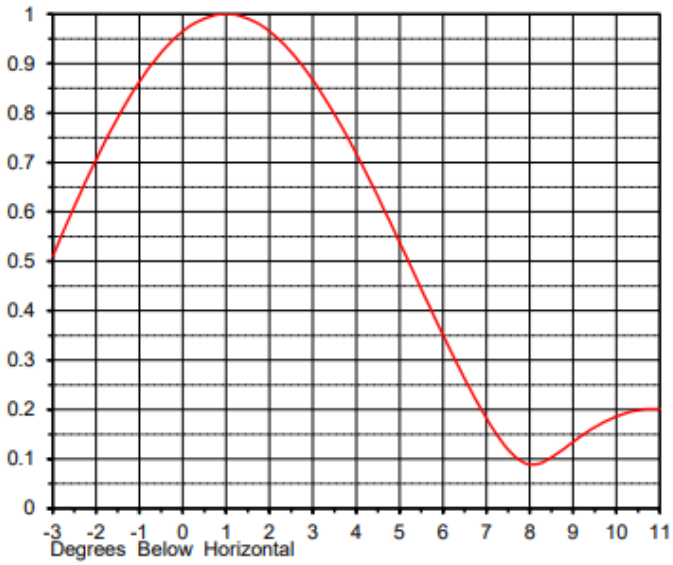
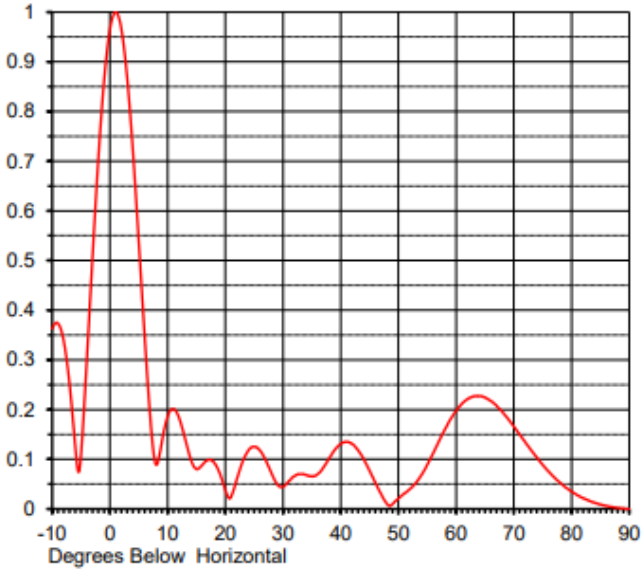
ELEVATION PATTERN

Proposal No.	**DVB 23025**
Date	**19-May-23**
Call Letters	**K22MT-D**
Channel	**22**
Frequency	**521 MHz**
Antenna Type	**DLP-8C**

RMS Directivity at Main Lobe **8.1 (9.10 dB)**
RMS Directivity at Horizontal **7.6 (8.81 dB)**
Calculated

Beam Tilt **1.00 deg**
Pattern Number **08L081100-22**





Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.363	10.0	0.186	30.0	0.045	50.0	0.021	70.0	0.166
-9.0	0.373	11.0	0.201	31.0	0.056	51.0	0.031	71.0	0.150
-8.0	0.338	12.0	0.183	32.0	0.066	52.0	0.040	72.0	0.134
-7.0	0.252	13.0	0.143	33.0	0.070	53.0	0.052	73.0	0.118
-6.0	0.125	14.0	0.101	34.0	0.068	54.0	0.068	74.0	0.103
-5.0	0.110	15.0	0.080	35.0	0.065	55.0	0.089	75.0	0.089
-4.0	0.299	16.0	0.088	36.0	0.070	56.0	0.112	76.0	0.076
-3.0	0.510	17.0	0.099	37.0	0.083	57.0	0.136	77.0	0.064
-2.0	0.705	18.0	0.094	38.0	0.102	58.0	0.159	78.0	0.053
-1.0	0.863	19.0	0.073	39.0	0.119	59.0	0.180	79.0	0.043
0.0	0.965	20.0	0.039	40.0	0.131	60.0	0.198	80.0	0.035
1.0	1.000	21.0	0.024	41.0	0.135	61.0	0.212	81.0	0.028
2.0	0.965	22.0	0.060	42.0	0.131	62.0	0.221	82.0	0.022
3.0	0.867	23.0	0.095	43.0	0.118	63.0	0.226	83.0	0.017
4.0	0.718	24.0	0.118	44.0	0.100	64.0	0.227	84.0	0.012
5.0	0.538	25.0	0.125	45.0	0.077	65.0	0.224	85.0	0.009
6.0	0.351	26.0	0.118	46.0	0.053	66.0	0.217	86.0	0.006
7.0	0.183	27.0	0.098	47.0	0.030	67.0	0.208	87.0	0.004
8.0	0.089	28.0	0.072	48.0	0.010	68.0	0.195	88.0	0.002
9.0	0.134	29.0	0.049	49.0	0.010	69.0	0.181	89.0	0.001
								90.0	0.000