

TECHNICAL EXHIBIT
APPLICATION FOR MODIFICATION OF
DTV CONSTRUCTION PERMIT
STATION WNJX-DT
FACILITY ID: 73336
MAYAGUEZ, PUERTO RICO

January 5, 2004

CH 23 400 KW (MAX-DA) 693 M

TECHNICAL EXHIBIT
APPLICATION FOR MODIFICATION OF
DTV CONSTRUCTION PERMIT
STATION WNJX-DT
FACILITY ID: 73336
MAYAGUEZ, PUERTO RICO
CH 23 400 KW (MAX-DA) 693 M

Table of Contents

	Technical Narrative
Figure 1	Antenna Data
Figure 2	Predicted Coverage Contours
Figure 3	DTV-TV Separation Study
Figure 4	FM and TV Within 16 kilometers

TECHNICAL EXHIBIT
APPLICATION FOR MODIFICATION OF
DTV CONSTRUCTION PERMIT
STATION WNJX-DT
FACILITY ID: 73336
MAYAGUEZ, PUERTO RICO
CH 23 400 KW (MAX-DA) 693 M

Technical Narrative

This Technical Exhibit supports an application for modification of construction permit (BPCDT-19991019ABA) for station WNJX-DT on channel 23 at Mayaguez, Puerto Rico. Station WNJX-DT is currently authorized for operation on DTV channel 23 (524-530 MHz) with a maximum directional effective radiated power (ERP) of 400 kilowatts and an antenna radiation center height above average terrain (HAAT) of 665 meters.

Station WNJX-DT proposes to change its directional antenna and to increase its antenna HAAT from 665 meters to 693 meters. No other changes to the currently authorized facility are proposed, including no change in site, or ERP.

It is proposed to operate on an existing 125.9 meter tower. The FCC antenna registration number for the structure is 1011495. The proposed WNJX-DT facilities (400 kW-ERP, 693 m HAAT) are less than the DTV facilities authorized to another station in the market. Specifically, station WIPM-DT on DTV channel 35 at Mayaguez, Puerto Rico is authorized a nondirectional ERP of 620 kW and an HAAT of 674 meters, from the authorized WNJX-DT site. It is noted that the proposed WNJX-DT noise-limited contour is completely encompassed by the WIPM-DT noise-limited contour.

Figure 1 provides both the horizontal and vertical plane radiation patterns for the proposed Dielectric TFU-14GTH C170 DC, horizontally polarized, directional antenna system.

There are no known authorized full service AM stations within 5 kilometers (3 miles) of the proposed transmitter site. Figure 4 is a tabulation of known authorized full service FM and TV stations within 16 kilometers (10 miles) of the proposed site. Although no adverse electromagnetic impact is expected, the applicant recognizes its responsibility to correct problems, which are a result of its proposed operation.

The proposed transmitter site is located more than 2080 kilometers from the closest point of the US/Mexican border area. The proposed site is also more than 2840 kilometers from the closest point of the Canadian border. The closest FCC monitoring station is at Santa Isabel, Puerto Rico, approximately 66 kilometers to the east. The closest point of the National Radio Quiet Zone (VA/WV) is more than 2420 kilometers to the north-northwest. The closest point of the Table Mountain Radio Quiet Zone (CO) is more than 4390 kilometers to the northwest. The closest radio astronomy site operating on TV channel 37 is at Arecibo, Puerto Rico, located 32.7 kilometers to the northeast. The above separations are sufficient to not be a concern for coordination purposes, except with respect to the FCC monitoring station at Santa Isabel and the radio astronomy site at Arecibo. Therefore, both facilities will be notified of the proposal.

Figure 2 is a map showing the DTV predicted coverage contours. The map provides the predicted 41 dBu f(50,90) noise-limited contour and 48 dBu f(50,90) city grade contour. The extent of the contours has been

calculated using the normal FCC prediction method. The Mayaguez city limits were derived from information contained in the 2000 U.S. Census for Puerto Rico. As shown, the 48 dBu contour encompasses the entire city limits of Mayaguez.

Figure 3 is a DTV channel 23 separation study toward other NTSC and DTV allotments based on a 50 kilometer "buffer". Although the separation requirements are only applicable to new DTV allotments, they can be used as an indication of which stations have the potential of receiving interference from the proposed channel 23 DTV operation.

An interference analysis has been conducted using the procedures outlined in the FCC's OET-69 bulletin, which demonstrates that the proposal complies with the interference protection provisions of Section 73.623(c)(2).¹ Interference calculations for the proposed WNJX-DT operation are summarized below with respect to all authorized NTSC, DTV, and Class A facilities.

Protected Station	Facility	Ch.	City	State	FCC Service Population	Proposed Interference Population	
WSJN-CA	LIC	15	SAN JUAN	PR	--	None	--
BPCT-920102KE	CP	16	MAYAGUEZ	PR	636,941	503	0.08%
WIMN-CA	LIC	20	ARECIBO	PR	--	None	--
WKPV	LIC	20	PONCE	PR	--	None	--
WNJX-TV	CP	22	MAYAGUEZ	PR	--	None	--

¹ The du Treil, Lundin & Rackley, Inc. DTV interference analysis program is based on the program and procedures outlined by the FCC in the Sixth Report and Order; subsequent Memorandum Opinion and Order; and FCC OET Bulletin No. 69. A nominal grid size resolution of 2 km was employed. A Sun based processor computer system was employed. The results have been found to be in very close agreement with the results of the FCC implementation of OET Bulletin No. 69.

Protected Station	Facility	Ch.	City	State	FCC Service Population	Proposed Interference Population	
WNJX-TV	LIC	22	MAYAGUEZ	PR	--	None	--
WCVI-TV	CP	23	CHRISTIANSTED	VI	--	None	--
WCVI-DR	LIC	23	CHRISTIANSTED	VI	--	None	--
WJPX	LIC	24	SAN JUAN	PR	2,702,648	5,999	0.22%
WQTO	LIC	26	PONCE	PR	1,003,697	3,629	0.36%
WQTO	CP	26	PONCE	PR	1,240,624	4,835	0.39%
WSJU-TV	LIC	30	SAN JUAN	PR	--	None	--

The study above indicates that the WNJX-DT operation does not cause any prohibited contour overlap to any Class A stations. It is also apparent that the proposed WNJX-DT operation on channel 23 complies with the FCC's interference standards towards all authorized NTSC and DTV assignments.

The proposed facility has been evaluated in terms of potential radiofrequency electromagnetic field exposure at ground level in accordance with OET Bulletin No. 65, Evaluating Compliance with FCC Specified Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields². The power density at the base of the tower was calculated using the appropriate procedures contained in the Bulletin.

The proposed WNJX-DT antenna will be top-mounted on the existing tower. The antenna center of radiation is located 100.4 meters above ground level. The calculated power density at 2 meters above ground level (AGL) was calculated using the appropriate equation contained in the Bulletin. The vertical relative field pattern and tabulation for the proposed antenna are shown in Figure 1. The maximum vertical relative field value towards the tower base (-60 to -90 elevation) is less than 0.18. Therefore, using a "worst-case" vertical relative field value of 0.18, the calculated power density at 2 meters above the ground is 0.0451 milliwatts per

² OET Bulletin 65, Second Edition 97-01, August, 1997.

square centimeter (mW/cm^2), which is 12.8% of the Commission's recommended limit of $0.35 \text{ mW}/\text{cm}^2$ for channel 23, applicable to uncontrolled exposure areas. If necessary, measurements will be taken to show compliance with the new RF emission rules.

Access to the tower site will be restricted and appropriately marked with warning signs. When it becomes necessary for workers to ascend the tower, appropriate measures, such as reduction or shut down of power if necessary, shall be taken to ensure that the human exposure to radiofrequency electromagnetic fields will not exceed the FCC guidelines.

It is noted that this technical exhibit only addresses the potential for radiofrequency electromagnetic field exposure. All other aspects of the environmental processing analysis will be provided to the FCC by the tower owner as part of the tower registration process.

If there are questions concerning the technical portion of this application, please contact the office of the undersigned.



Jerome J. Manarchuck

du Treil, Lundin & Rackley, Inc.
201 Fletcher Ave.
Sarasota, Florida 34237

January 5, 2004

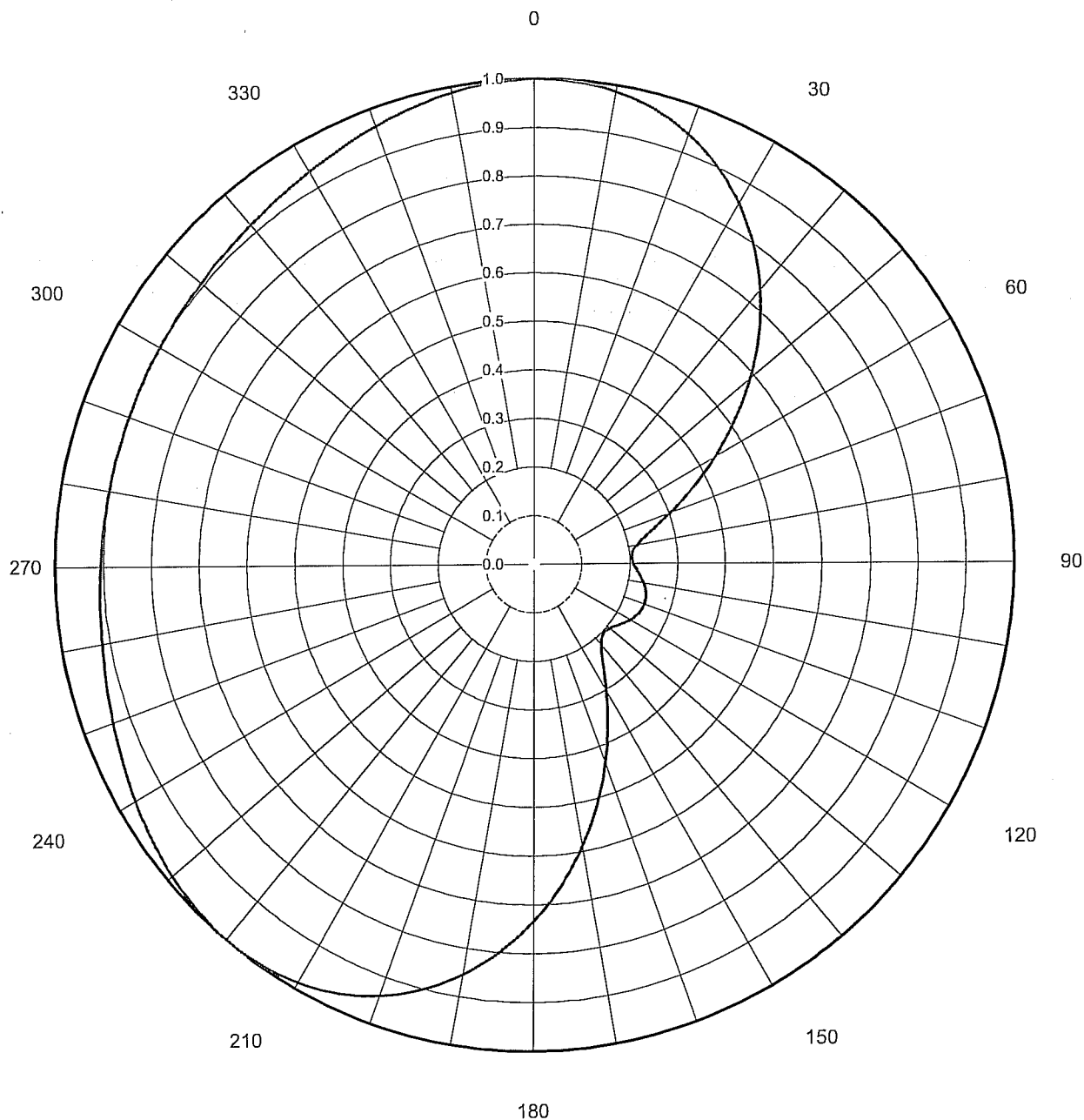


Proposal Number	DCA-10279	Revision:	1
Date	18-Jul-03		
Call Letters	WNJX	Channel	22
Location	Mayaguez, PR		
Customer	LIN Television		
Antenna Type	TFU-14GTH C170 DC		

AZIMUTH PATTERN

Gain **1.70** (2.30 dB)
Calculated / Measured **Calculated**

Frequency **521.00 MHz**
Drawing # **TFU-C170**





Proposal Number **DCA-10279** Revision: **1**
 Date **18-Jul-03**
 Call Letters **WNJX** Channel **22**
 Location **Mayaguez, PR**
 Customer **LIN Television**
 Antenna Type **TFU-14GTH C170 DC**

TABULATION OF AZIMUTH PATTERN

Azimuth Pattern Drawing #: **TFU-C170**

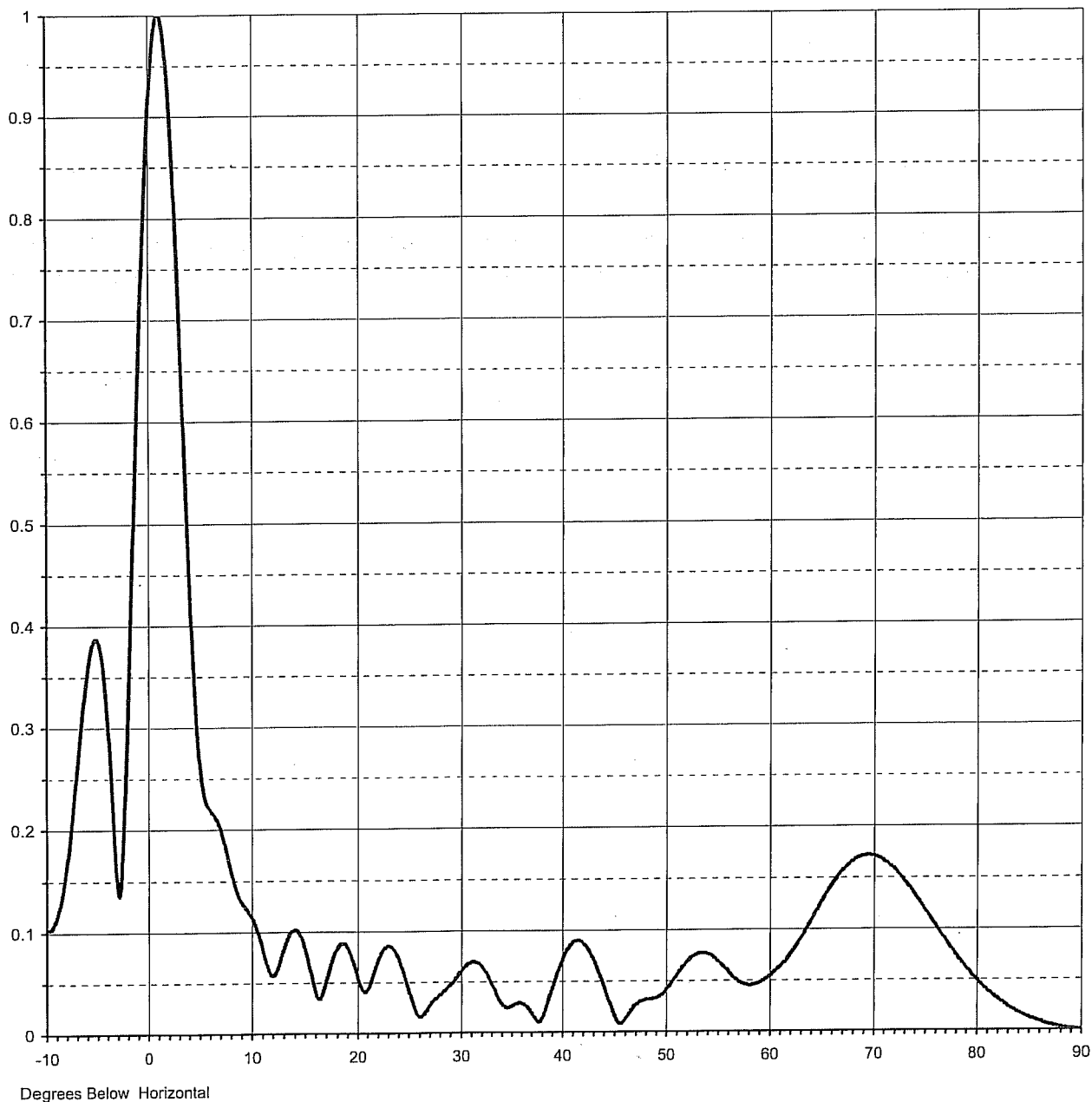
Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
0	1.000	45	0.663	90	0.207	135	0.204	180	0.733	225	0.996	270	0.905	315	0.910
1	1.000	46	0.648	91	0.209	136	0.206	181	0.747	226	0.995	271	0.905	316	0.911
2	1.000	47	0.634	92	0.211	137	0.207	182	0.760	227	0.993	272	0.904	317	0.912
3	0.999	48	0.619	93	0.214	138	0.210	183	0.773	228	0.992	273	0.903	318	0.914
4	0.998	49	0.604	94	0.216	139	0.214	184	0.785	229	0.990	274	0.903	319	0.915
5	0.997	50	0.588	95	0.219	140	0.218	185	0.797	230	0.988	275	0.902	320	0.917
6	0.996	51	0.573	96	0.222	141	0.223	186	0.809	231	0.986	276	0.902	321	0.918
7	0.994	52	0.558	97	0.224	142	0.229	187	0.821	232	0.983	277	0.901	322	0.920
8	0.992	53	0.543	98	0.227	143	0.235	188	0.832	233	0.981	278	0.901	323	0.922
9	0.990	54	0.527	99	0.229	144	0.243	189	0.843	234	0.978	279	0.901	324	0.924
10	0.987	55	0.512	100	0.232	145	0.251	190	0.854	235	0.976	280	0.900	325	0.926
11	0.984	56	0.497	101	0.234	146	0.260	191	0.864	236	0.973	281	0.900	326	0.928
12	0.981	57	0.482	102	0.236	147	0.269	192	0.874	237	0.971	282	0.900	327	0.930
13	0.977	58	0.466	103	0.238	148	0.280	193	0.883	238	0.968	283	0.900	328	0.932
14	0.973	59	0.451	104	0.240	149	0.290	194	0.893	239	0.965	284	0.900	329	0.934
15	0.968	60	0.437	105	0.241	150	0.302	195	0.901	240	0.963	285	0.900	330	0.936
16	0.963	61	0.422	106	0.242	151	0.313	196	0.910	241	0.960	286	0.899	331	0.939
17	0.958	62	0.407	107	0.243	152	0.326	197	0.918	242	0.957	287	0.899	332	0.941
18	0.952	63	0.393	108	0.244	153	0.338	198	0.925	243	0.954	288	0.899	333	0.944
19	0.946	64	0.379	109	0.244	154	0.352	199	0.933	244	0.952	289	0.899	334	0.946
20	0.940	65	0.365	110	0.245	155	0.365	200	0.940	245	0.949	290	0.899	335	0.949
21	0.933	66	0.352	111	0.244	156	0.379	201	0.946	246	0.946	291	0.899	336	0.952
22	0.925	67	0.338	112	0.244	157	0.393	202	0.952	247	0.944	292	0.899	337	0.954
23	0.918	68	0.326	113	0.243	158	0.407	203	0.958	248	0.941	293	0.899	338	0.957
24	0.910	69	0.313	114	0.242	159	0.422	204	0.963	249	0.939	294	0.899	339	0.960
25	0.901	70	0.302	115	0.241	160	0.437	205	0.968	250	0.936	295	0.900	340	0.963
26	0.893	71	0.290	116	0.240	161	0.451	206	0.973	251	0.934	296	0.900	341	0.965
27	0.883	72	0.280	117	0.238	162	0.466	207	0.977	252	0.932	297	0.900	342	0.968
28	0.874	73	0.269	118	0.236	163	0.482	208	0.981	253	0.930	298	0.900	343	0.971
29	0.864	74	0.260	119	0.234	164	0.497	209	0.984	254	0.928	299	0.900	344	0.973
30	0.854	75	0.251	120	0.232	165	0.512	210	0.987	255	0.926	300	0.900	345	0.976
31	0.843	76	0.243	121	0.229	166	0.527	211	0.990	256	0.924	301	0.901	346	0.978
32	0.832	77	0.235	122	0.227	167	0.543	212	0.992	257	0.922	302	0.901	347	0.981
33	0.821	78	0.229	123	0.224	168	0.558	213	0.994	258	0.920	303	0.901	348	0.983
34	0.809	79	0.223	124	0.222	169	0.573	214	0.996	259	0.918	304	0.902	349	0.986
35	0.797	80	0.218	125	0.219	170	0.588	215	0.997	260	0.917	305	0.902	350	0.988
36	0.785	81	0.214	126	0.216	171	0.604	216	0.998	261	0.915	306	0.903	351	0.990
37	0.773	82	0.210	127	0.214	172	0.619	217	0.999	262	0.914	307	0.903	352	0.992
38	0.760	83	0.207	128	0.211	173	0.634	218	1.000	263	0.912	308	0.904	353	0.993
39	0.747	84	0.206	129	0.209	174	0.648	219	1.000	264	0.911	309	0.905	354	0.995
40	0.733	85	0.204	130	0.207	175	0.663	220	1.000	265	0.910	310	0.905	355	0.996
41	0.720	86	0.204	131	0.206	176	0.677	221	1.000	266	0.909	311	0.906	356	0.997
42	0.706	87	0.204	132	0.205	177	0.692	222	0.999	267	0.908	312	0.907	357	0.998
43	0.692	88	0.205	133	0.204	178	0.706	223	0.998	268	0.907	313	0.908	358	0.999
44	0.677	89	0.206	134	0.204	179	0.720	224	0.997	269	0.906	314	0.909	359	1.000



Proposal Number	DCA-10279	Revision:	1
Date	18-Jul-03		
Call Letters	WNJX-DT	Channel	23
Location	Mayaguez, PR		
Customer	LIN Television		
Antenna Type	TFU-14GTH C170 DC		

ELEVATION PATTERN

RMS Gain at Main Lobe	11.50 (10.61 dB)	Beam Tilt	1.00 deg
RMS Gain at Horizontal	9.50 (9.78 dB)	Frequency	527.00 MHz
Calculated / Measured	Calculated	Drawing #	14G115100-90





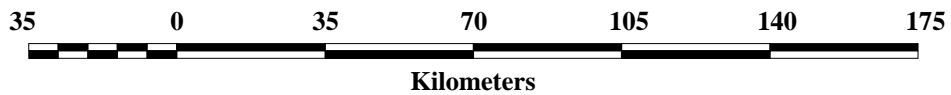
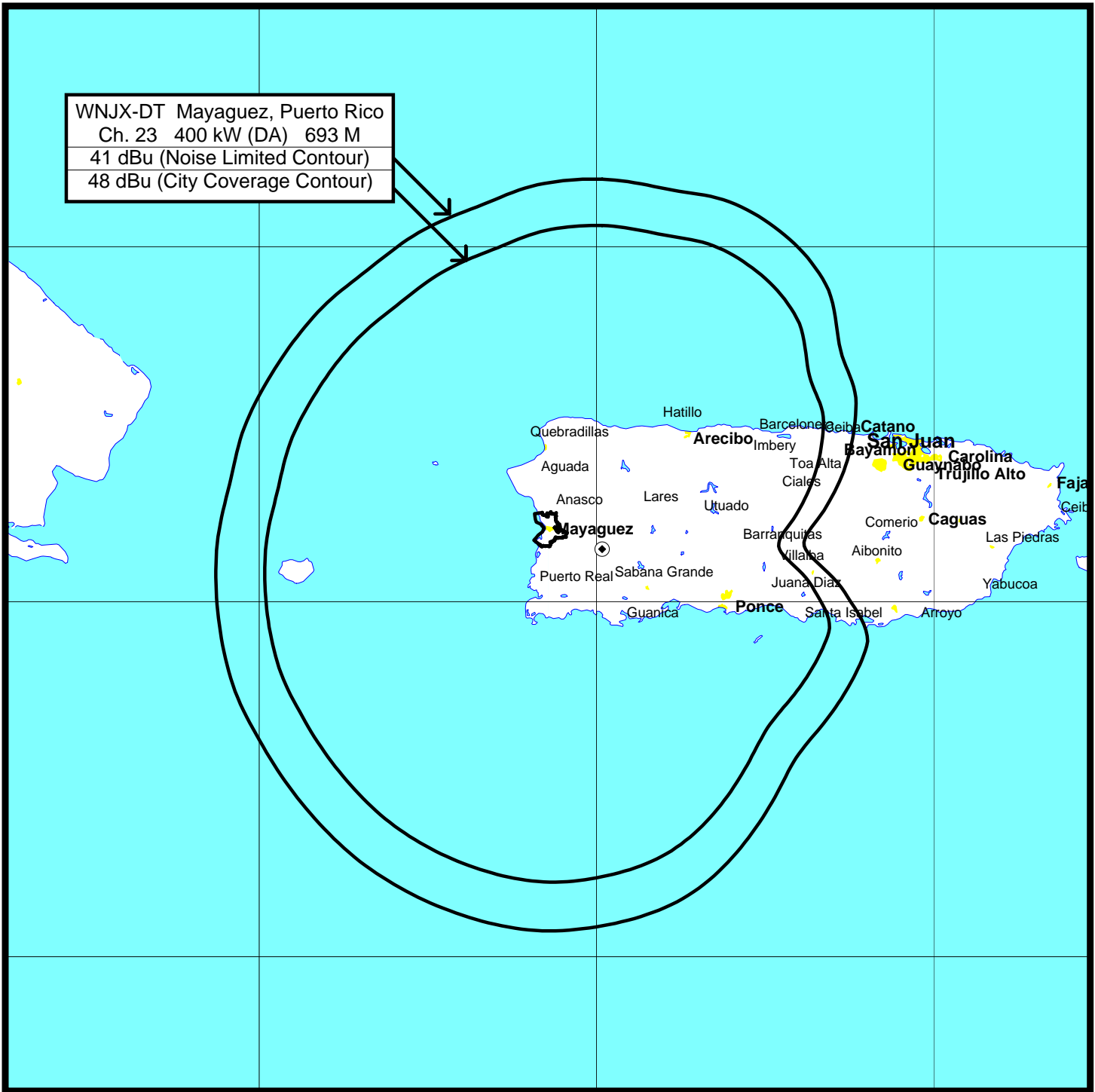
Proposal Number **DCA-10279** Revision: **1**
 Date **18-Jul-03**
 Call Letters **WNJX-DT** Channel **23**
 Location **Mayaguez, PR**
 Customer **LIN Television**
 Antenna Type **TFU-14GTH C170 DC**

TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing #: **14G115100-90**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.104	2.4	0.835	10.6	0.101	30.5	0.065	51.0	0.054	71.5	0.162
-9.5	0.104	2.6	0.791	10.8	0.094	31.0	0.069	51.5	0.061	72.0	0.158
-9.0	0.115	2.8	0.743	11.0	0.087	31.5	0.069	52.0	0.068	72.5	0.152
-8.5	0.136	3.0	0.693	11.5	0.068	32.0	0.066	52.5	0.073	73.0	0.146
-8.0	0.167	3.2	0.641	12.0	0.057	32.5	0.059	53.0	0.076	73.5	0.140
-7.5	0.209	3.4	0.589	12.5	0.063	33.0	0.049	53.5	0.077	74.0	0.133
-7.0	0.259	3.6	0.537	13.0	0.079	33.5	0.038	54.0	0.076	74.5	0.125
-6.5	0.310	3.8	0.486	13.5	0.094	34.0	0.029	54.5	0.074	75.0	0.118
-6.0	0.354	4.0	0.438	14.0	0.102	34.5	0.024	55.0	0.070	75.5	0.110
-5.5	0.382	4.2	0.393	14.5	0.099	35.0	0.025	55.5	0.065	76.0	0.103
-5.0	0.385	4.4	0.353	15.0	0.086	35.5	0.028	56.0	0.060	76.5	0.095
-4.5	0.359	4.6	0.317	15.5	0.066	36.0	0.029	56.5	0.054	77.0	0.088
-4.0	0.300	4.8	0.287	16.0	0.044	36.5	0.026	57.0	0.050	77.5	0.081
-3.5	0.215	5.0	0.264	16.5	0.034	37.0	0.020	57.5	0.047	78.0	0.074
-3.0	0.139	5.2	0.246	17.0	0.048	37.5	0.012	58.0	0.045	78.5	0.067
-2.8	0.138	5.4	0.234	17.5	0.068	38.0	0.012	58.5	0.046	79.0	0.061
-2.6	0.163	5.6	0.226	18.0	0.082	38.5	0.024	59.0	0.047	79.5	0.055
-2.4	0.209	5.8	0.222	18.5	0.088	39.0	0.040	59.5	0.050	80.0	0.050
-2.2	0.266	6.0	0.219	19.0	0.085	39.5	0.055	60.0	0.054	80.5	0.044
-2.0	0.329	6.2	0.216	19.5	0.074	40.0	0.069	60.5	0.058	81.0	0.039
-1.8	0.395	6.4	0.214	20.0	0.058	40.5	0.080	61.0	0.063	81.5	0.035
-1.6	0.462	6.6	0.210	20.5	0.043	41.0	0.087	61.5	0.068	82.0	0.031
-1.4	0.529	6.8	0.205	21.0	0.042	41.5	0.090	62.0	0.075	82.5	0.027
-1.2	0.595	7.0	0.200	21.5	0.054	42.0	0.088	62.5	0.082	83.0	0.023
-1.0	0.658	7.2	0.193	22.0	0.069	42.5	0.082	63.0	0.089	83.5	0.020
-0.8	0.718	7.4	0.185	22.5	0.080	43.0	0.073	63.5	0.098	84.0	0.017
-0.6	0.774	7.6	0.176	23.0	0.086	43.5	0.061	64.0	0.107	84.5	0.015
-0.4	0.825	7.8	0.167	23.5	0.084	44.0	0.047	64.5	0.118	85.0	0.012
-0.2	0.870	8.0	0.159	24.0	0.075	44.5	0.032	65.0	0.127	85.5	0.010
0.0	0.910	8.2	0.151	24.5	0.061	45.0	0.018	65.5	0.135	86.0	0.008
0.2	0.942	8.4	0.144	25.0	0.045	45.5	0.008	66.0	0.143	86.5	0.007
0.4	0.968	8.6	0.138	25.5	0.028	46.0	0.011	66.5	0.151	87.0	0.005
0.6	0.986	8.8	0.133	26.0	0.017	46.5	0.019	67.0	0.157	87.5	0.004
0.8	0.997	9.0	0.129	26.5	0.018	47.0	0.026	67.5	0.162	88.0	0.003
1.0	1.000	9.2	0.126	27.0	0.026	47.5	0.030	68.0	0.166	88.5	0.002
1.2	0.996	9.4	0.123	27.5	0.032	48.0	0.031	68.5	0.169	89.0	0.001
1.4	0.985	9.6	0.121	28.0	0.037	48.5	0.032	69.0	0.171	89.5	0.000
1.6	0.967	9.8	0.119	28.5	0.041	49.0	0.033	69.5	0.172	90.0	0.000
1.8	0.942	10.0	0.116	29.0	0.046	49.5	0.036	70.0	0.171		
2.0	0.912	10.2	0.112	29.5	0.052	50.0	0.040	70.5	0.169		
2.2	0.876	10.4	0.107	30.0	0.059	50.5	0.047	71.0	0.166		

Figure 2



PREDICTED COVERAGE CONTOURS

STATION WNJX-DT
 MAYAGUEZ, PUERTO RICO
 CH 23 400 KW (DA) 693 M

du Treil, Lundin & Rackley, Inc. Sarasota, FL

Figure 3

CDBS TV/DTV SEPARATION STUDY

Job Title:
Channel: 23
Class:
Type: DT

Separation Buffer: 50 km
Coordinates: 18-09-00 66-59-00
Zone: II

Call Id	City St	Status	File Num	Channel Zone	ERP HAAT	DA Id	Latitude Longitude	Bear	Dist. (km)	Req. min	max
WSJN-CA 48239	SAN JUAN PR	LIC C	BLTTL 19940223IC	15(N)	38.800	D 18080	18-17-42 066-09-56	79.3	88.0 8.63	0.0 Class A	0.0
920102 60357	MAYAGUEZ PR	CP C	BPCT 19920102KE	16(Z) II	9.550 337.6	N 18194	18-18-51 067-11-24	309.9	28.4 4.32	24.1 Short	96.6
WKPV 58341	PONCE PR	LIC C	BLCT 20010130AB	20(Z) II	77.600 288	D 41858	18-04-49 066-44-53	107.3	26.1 1.97	24.1 Short	96.6
WIMN-CA 2245	ARECIBO PR	LIC C	BLTTL 20010102AA	20(-)	10.000	D 18179	18-27-14 066-38-15	47.2	49.7 25.58	0.0 Class A	0.0
WNJX-TV 73336	MAYAGUEZ PR	CP C	BPCT 20030306AB	22(Z) II	4201.000 658	D 46343	18-09-00 066-59-00	90.0	0.0 12.00	12.0 Close	106.0
WNJX-TV 73336	MAYAGUEZ PR	LIC C	BLCT 20030307AD	22(Z) II	4201.000 658	D 27782	18-09-00 066-59-00	90.0	0.0 12.00	12.0 Close	106.0
WNJX-TV 73336	MAYAGUEZ PR	STA C	BDSTA 20030410AE	23() II	54.500 645	D 59112	18-09-00 066-59-00	90.0	0.0 223.70	223.7 Short	223.7
WNJX-TV 73336	MAYAGUEZ PR	CP C	BPCDT 19991019AB	23() II	400.000 665	D 27782	18-09-00 066-59-00	90.0	0.0 223.70	223.7 Short	223.7
DWNJXT PR	MAYAGUEZ DTV			23() II	50.100 620	D 066-59-20	18-09-05 066-59-20	284.7	0.6 223.09	223.7 Short	223.7
WCVI-TV 83304	CHRISTIANST VI	CP C	BMPCD 20030121AA	23() II	0.659 124.2	N 46121	17-44-53 064-43-40	100.3	243.1 19.35	223.7 Clear	223.7
WCVI-DT 136805	CHRISTIANST VI	BPRM GRA C	20020304AL	23() II	0.850 130.2	N 064-43-40	17-44-40 064-43-40	100.4	243.1 19.43	223.7 Clear	223.7
WJPX 58340	SAN JUAN PR	LIC C	BLCT 20000821AC	24(Z) II	676.000 582	D 34519	18-16-45 065-51-14	83.0	120.3 14.32	12.0 Close	106.0
WQTO 2175	PONCE PR	CP C	BMPET 20001020AA	26(Z) II	1000.000 302	D 41621	18-04-50 066-44-54	107.2	26.0 1.93	24.1 Short	96.6
WQTO 2175	PONCE PR	LIC C	BLET 19861222KU	26(Z) II	437.000 302	D 18253	18-04-50 066-44-54	107.2	26.0 1.93	24.1 Short	96.6
WSJU-TV 4077	SAN JUAN PR	LIC C	BLCT 19841129LB	30(Z) II	2630.000 287	D 18219	18-16-30 066-05-36	81.5	95.2 1.45	24.1 Short	96.6

FM and TV Within 16 kilometers**Coordinates: 18-09-00 66-59-00 Frequency Range: 200-300****Range: 16**

Date: 1/2/2004

CDBS FM Inquiry List

Page: 1

Rec Type	Fac Id	Call	Status	Chan	Svc Class	Class	City	St	DA	Latitude	Longitude	ERP (kW)	HAAT (m)	RCAMSL (m)	Bear	Dist. (km)
C	1890	WEGM	LIC	236	FM	B	SAN GERMAN	PR	N	18-08-55	066-58-54	25.000	600.0	914.0	131.3	0.2
C	70685	WAEL-F	LIC	241	FM	B	MARICAO	PR	N	18-09-07	066-59-15	24.000	613.0	910.0	296.1	0.5
C	2876	WIVA-F	LIC	262	FM	B	AGUADILLA	PR	N	18-09-07	066-59-15	22.000	614.0	913.0	296.1	0.5
C	54818	WUKQ-F	APP	253	FM	B	MAYAGUEZ	PR		18-09-05	066-59-19	25.000	601.0	899.0	285.5	0.6
C	54818	WUKQ-F	LIC	256	FM	B	MAYAGUEZ	PR		18-09-05	066-59-19	25.000	601.0	899.0	285.5	0.6
C	53554	WNOD	LIC	231	FM	B	MAYAGUEZ	PR		18-09-05	066-59-20	25.000	597.0	896.0	284.7	0.6
C	55693	WRRH	APP	291	FM	A	HORMIGUEROS	PR	D	18-08-33	066-58-56	0.800	589.0	893.0	172.0	0.8
C	55693	WRRH	LIC	291	FM	A	HORMIGUEROS	PR	N	18-08-33	066-58-56	0.400	577.0	881.0	172.0	0.8
C	71565	WNNV	LIC	219	FM	A	SAN GERMAN	PR	D	18-04-08	067-02-54	5.000			217.3	11.3

FM and TV Within 16 kilometers

Coordinates: 18-09-00 66-59-00 **Channel Range:** 2-69 **Range:** 16

Date: 1/2/2004

CDBS Tv Inquiry List

Page: 1

Rec Type	Facility Id	Call	Status	Chan	Svc Class	Class	City	St	DA	Latitude	Longitude	ERP (kW)	HAAT (m)	RCAMSL (m)	Bearing	Dist. (km)
C	53863	WIPM-T	CP	35	DT		MAYAGUEZ	PR	N	18-09-00	066-59-00	620.000	674	981	0	0
C	71725	WOLE-T	CP	69	DT		AQUADILLA	PR	D	18-09-00	066-59-00	120.000	639	946	0	0
C	73336	WNJX-T	CP	23	DT		MAYAGUEZ	PR	D	18-09-00	066-59-00	400.000	665	972	0	0
C	73336	WNJX-T	CP	22	TV		MAYAGUEZ	PR	D	18-09-00	066-59-00	4201.00	658	965	0	0
C	53863	WIPM-T	LIC	3	TV		MAYAGUEZ	PR		18-09-00	066-59-00	81.300	691	998	0	0
C	71725	WOLE-T	LIC	12	TV		AGUADILLA	PR		18-09-00	066-59-00	275.000	665	972	0	0
C	73336	WNJX-T	LIC	22	TV		MAYAGUEZ	PR	D	18-09-00	066-59-00	4201.00	658	965	0	0
C	26602	WELU	CP	34	DT		AGUADILLA	PR	N	18-08-59	066-59-16	250.000	665	962	266.2	0.47
C	64865	WORA-T	CP	29	DT		MAYAGUEZ	PR	N	18-09-02.2	066-59-20	1000.00	606.5	915	276.6	0.59
C	64865	WORA-T	LIC	5	TV		MAYAGUEZ	PR	D	18-09-03	066-59-21	100.000	610	918	278.5	0.62