

CALIFORNIA

Community	Channel No.
Anaheim	32
Arcata	22
Avalon	47
Bakersfield	10, 25, 33, 45
Barstow	44
Bishop	20
Calipatria	36
Ceres	*15
Chico	24, 43
Clovis	43
Concord	14
Corona	39
Cotati	*23
El Centro	9, 22
Eureka	3, *11, 17, 28
Fort Bragg	8
Fresno	7, 30, 34, 38, *40
Hanford	20
Huntington Beach	*48
Long Beach	18
Los Angeles	7, 9, 11, 13, *28, 31, 34, 36, *41, 42, 43
Merced	11
Modesto	18
Monterey	31, 32
Novato	47
Oakland	44
Ontario	29
Oxnard	24
Palm Springs	42, 46
Paradise	20
Porterville	48
Rancho Palos Verdes	51
Redding	7, *9
Riverside	45
Sacramento	*9, 10, 21, 35, 40, 48
Salinas	8, 13
San Bernardino	*26, 38,
San Diego	8, 10, 18, 19, *30, 40
San Francisco	7, 19, 27, 29, *30, *33, 38, 39, 45, 51
San Jose	12, 36, 41, 49, *50
San Luis Obispo	15, 34
San Mateo	*43
Sanger	36
Santa Ana	23
Santa Barbara	21, 27
Santa Maria	19

Santa Rosa	32
Stockton	25, 26, 46
Twentynine Palms	23
Vallejo	34
Ventura	49
Visalia	28, *50
Watsonville	*25

COLORADO

Community	Channel No.
Boulder	15
Broomfield	*38
Castle Rock	46
Colorado Springs	10, 22, 24
Denver	7, 9, *18, 19, 32, 34, 35, *40, 43, 51
Durango	15, *20, 33
Fort Collins	21
Glenwood Springs	23
Grand Junction	2, 7, 12, 15, *18
Longmont	29
Montrose	13
Pueblo	*8, 42
Steamboat Springs	10
Sterling	23

CONNECTICUT

Community	Channel No.
Bridgeport	42, *49
Hartford	31, 33, *45, 46
New Britain	35
New Haven	*6, 10, 39
New London	26
Norwich	*9
Waterbury	20

DELAWARE

Community	Channel No.
Seaford	*44
Wilmington	*12, 31

DISTRICT OF COLUMBIA

Community	Channel No.
Washington	7, 9, *27, *33, 35, 36, 48, 50

FLORIDA

Community	Channel No.
Boca Raton	*40
Bradenton	42
Cape Coral	35
Clearwater	21
Clermont	17
Cocoa	*30, 51
Daytona Beach	11, 49
Destin	48
Fort Lauderdale	30
Fort Myers	9, 15, *31
Fort Pierce	34, *38
Fort Walton Beach	40, 49, 50
Gainesville	9, 16, *36
High Springs	28
Hollywood	47
Jacksonville	*7, 13, 19, 32, 34, 42, *44
Key West	3, 8
Lake Worth	36
Lakeland	19
Leesburg	40, *46
Live Oak	48
Marianna	51
Melbourne	43, 48
Miami	7, 10, *18, 19, *20, 22, 23, 31, 32, 35, 46
Naples	41, 45
New Smyrna Beach	*33
Ocala	31
Orange Park	10
Orlando	22, *23, 26, 27, 39, 41
Palm Beach	49
Panama City	7, 9, 13, *38
Panama City Beach	47
Pensacola	17, *31, 34, 45
Sarasota	24
St. Petersburg	10, 38, 44
Stuart	44
Tallahassee	24, 27, *32, 40
Tampa	7, 12, *13, 29, *34, 47
Tequesta	16
Tice	33

Venice 25
West Palm Beach 12, 13, *27, 28

GEORGIA

Community	Channel No.
Albany	10, 12
Athens	*8, 48
Atlanta	10, 19, 20, *21, 25, 27, 39, *41, 43
Augusta	12, 30, 42, 51
Bainbridge	49
Baxley	35
Brunswick	24
Chatsworth	*33
Cochran	*7
Columbus	9, 15, *23, 35, 49
Cordele	51
Dalton	16
Dawson	*8
Macon	13, 16, 40, 45
Monroe	44
Pelham	*6
Perry	32
Rome	51
Savannah	*9, 11, 22, 39
Thomasville	46
Toccoa	24
Valdosta	43
Waycross	*8
Wrens	*6

HAWAII

Community	Channel No.
Hilo	9, 11, 13, 22, 23
Honolulu	8, 9, *10, *11, 19, 23, 27, 31, 33, 35, 40, *43
Kailua	50
Kailua Kona	25
Kaneohe	41
Wailuku	7, *10, 12, 16, 21, 24
Waimanalo	38

IDAHO

Community	Channel No.
Boise	7, *21, 28, 39
Caldwell	10

Coeur D'alene	*45
Filer	*18
Idaho Falls	8, 20, 36
Lewiston	32
Moscow	*12
Nampa	12, 24
Pocatello	15, *17, 23, 31
Sun Valley	32
Twin Falls	11, *22, 34

ILLINOIS

Community	Channel No.
Aurora	50
Bloomington	28
Carbondale	*8
Champaign	41, 48
Charleston	*50
Chicago	7, 11, 19, *21, 27, 29, 31, 43, 45, *47
Decatur	18, 22
East St. Louis	47
Freeport	23
Harrisburg	34
Jacksonville	*15
Joliet	38
LaSalle	10
Macomb	*21
Marion	17
Moline	*23, 38
Mount Vernon	21
Olney	*19
Peoria	19, 25, 30, 39, *46
Quincy	10, 32, *34
Rock Island	4
Rockford	13, 16, 42
Springfield	13, 42, 44
Urbana	*9, 26

INDIANA

Community	Channel No.
Angola	12
Bloomington	*14, 27, 42, 48
Elkhart	28
Evansville	*9, 25, 28, 45, 46
Fort Wayne	19, 24, 31, 36, *40
Gary	*17, 51
Hammond	36

Indianapolis	9, 13, 16, *21, 25, *44, 45
Kokomo	29
Lafayette	11
Marion	32
Muncie	23
Richmond	39
Salem	51
South Bend	22, *35, 42, 48
Terre Haute	10, 36, 39
Vincennes	*22

IOWA

Community	Channel No.
Ames	5, 23, *34
Burlington	41
Cedar Rapids	9, 27, 47, 51
Council Bluffs	*33
Davenport	*34, 36, 49
Des Moines	8, *11, 13, 16, 31
Dubuque	43
Fort Dodge	*25
Iowa City	*12, 25
Mason City	*18, 42
Newton	39
Ottumwa	15
Red Oak	*35
Sioux City	9, *28, 39, 41, 44
Waterloo	7, 22, *35

KANSAS

Community	Channel No.
Colby	17, 19
Dodge City	*21
Ensign	6
Garden City	11, 13
Goodland	10
Great Bend	22
Hays	7, *16
Hoisington	14
Hutchinson	*8, 12, 35
Lakin	*8
Lawrence	41
Pittsburg	7, 14
Salina	17
Topeka	*11, 13, 27, 49
Wichita	10, 26, 31, 45

KENTUCKY

Community	Channel No.
Ashland	*26, 44
Beattyville	7
Bowling Green	13, 16, *18, *48
Campbellsville	19
Covington	*24
Danville	4
Elizabethtown	*43
Harlan	51
Hazard	12, *16
Lexington	13, 39, 40, *42
Louisville	8, 11, *17, 26, *38, 47, 49
Madisonville	20, *42
Morehead	*15, 21
Murray	*36
Newport	29
Owensboro	30
Owenton	*44
Paducah	32, 41, 49
Pikeville	*24
Somerset	*14

LOUISIANA

Community	Channel No.
Alexandria	*26, 31, 35, 41
Baton Rouge	9, 13, *25, 34, 45
Columbia	11
Hammond	42
Lafayette	10, 16, *23, 28
Lake Charles	7, *20, 30
Minden	21
Monroe	8, *13
New Iberia	50
New Orleans	8, *11, 15, 21, 26, *31, 36, 43, 50
Shreveport	17, *25, 28, 34, 44
Slidell	24
West Monroe	36, 38

MAINE

Community	Channel No.
Augusta	*10
Bangor	2, 7, 19

Biddeford	*45
Calais	*10
Lewiston	35
Orono	*9
Poland Spring	8
Portland	38, 43, 44
Presque Isle	8, *10, 47
Waterville	23

MARYLAND

Community	Channel No.
Annapolis	*42
Baltimore	11, 13, *29, 38, 40, 41, 46,
Frederick	*28
Hagerstown	26, 39, *44
Oakland	*36
Salisbury	21, *28, 47

MASSACHUSETTS

Community	Channel No.
Adams	36
Boston	7, *19, 20, 30, 31, 32, 39, *43
Cambridge	41
Lawrence	18
Marlborough	27
New Bedford	22, 49
Norwell	10
Pittsfield	13
Springfield	11, *22, 40
Vineyard Haven	40
Worcester	29, *47

MICHIGAN

Community	Channel No.
Alpena	11, *24
Ann Arbor	31
Bad Axe	*15
Battle Creek	20, 44
Bay City	22, 46
Cadillac	9, *17, 47
Calumet	5
Cheboygan	35
Detroit	7, 14, 21, 41, *43, 44, 45
East Lansing	*40

Escanaba	48
Flint	12, 16, *28
Grand Rapids	7, *11, 13, 19
Iron Mountain	8
Ishpeming	10
Jackson	34
Kalamazoo	*5, 8, 45
Lansing	36, 38, 51
Manistee	*21
Marquette	*13, 19, 35
Mount Clemens	39
Mount Pleasant	*26
Muskegon	24
Onondaga	10
Saginaw	30, 48
Sault Ste. Marie	8, 10
Traverse City	7, 29
University Center	*18

MINNESOTA

Community	Channel No.
Alexandria	7, 42
Appleton	*10
Austin	*20, 36
Bemidji	*9, 26
Brainerd	*28
Chisholm	11
Crookston	*16
Duluth	*8, 10, 17, 33
Hibbing	13, *31
Mankato	12
Minneapolis	9, 11, 22, 29, 32, 45
Redwood Falls	27
Rochester	10, 46
St. Cloud	40
St. Paul	*26, *34, 35
Thief River Falls	10
Walker	12
Worthington	*15

MISSISSIPPI

Community	Channel No.
Biloxi	13, *16
Booneville	*12
Bude	*18
Columbus	35, *43

Greenville	15
Greenwood	*25, 32
Gulfport	48
Hattiesburg	22
Holly Springs	41
Houston	45
Jackson	7, 12, *20, 21, 41
Laurel	28
Magee	34
Meridian	11, 24, 31, *44
Mississippi State	*10
Natchez	49
Oxford	*36
Tupelo	8
Vicksburg	35
West Point	16

MISSOURI

Community	Channel No.
Cape Girardeau	12, 22
Columbia	8, 17
Hannibal	7
Jefferson City	12, 20
Joplin	*25, 43, 46
Kansas City	9, *18, 24, 31, 34, 42, 47, 51
Kirkville	33
Poplar Bluff	15
Sedalia	15
Springfield	10, 19, *23, 28, 44
St. Joseph	7, 21
St. Louis	14, 24, 26, 31, 35, *39, 43

MONTANA

Community	Channel No.
Billings	10, 11, 18
Bozeman	*8, 13
Butte	5, 6, 19, 24
Glendive	10
Great Falls	7, 8, 26, 45
Hardin	22
Havre	9
Helena	12, 29
Kalispell	9
Lewistown	13
Miles City	3
Missoula	7, *11, 13, 17, 23

NEBRASKA

Community	Channel No.
Alliance	*13
Bassett	*7
Grand Island	11, 19
Hastings	5, *28
Hayes Center	18
Kearney	36
Lexington	*26
Lincoln	8, 10, *12, 51
McCook	12
Merriman	*12
Norfolk	*19
North Platte	2, *9
Omaha	15, *17, 20, 22, 43, 45
Scottsbluff	7, 17, 29
Superior	34

NEVADA

Community	Channel No.
Elko	10
Ely	3, 27
Goldfield	50
Henderson	9
Las Vegas	2, 7, *11, 13, 16, 22, 29
Laughlin	32
Paradise	40
Reno	7, 9, 13, *15, 20, 26, 44
Tonopah	9
Winnemucca	7

NEW HAMPSHIRE

Community	Channel No.
Concord	33
Derry	35
Durham	*11
Keene	*49
Littleton	*48
Manchester	9
Merrimack	34

NEW JERSEY

Community	Channel No.
Atlantic City	44, 49
Burlington	27
Camden	*22
Linden	36
Montclair	*51
New Brunswick	*8
Newark	13, 41
Newton	18
Paterson	40
Secaucus	38
Trenton	*43
Vineland	29
West Milford	*29
Wildwood	36

NEW MEXICO

Community	Channel No.
Albuquerque	7, 13, *17, 22, 24, 26, *35, 42, 45
Carlsbad	19, 25
Clovis	20
Farmington	8, 12
Hobbs	29
Las Cruces	*23, 47
Portales	*32
Roswell	8, 10, 21, 27
Santa Fe	*9, 10, 27, 29
Silver City	10, 12

NEW YORK

Community	Channel No.
Albany	7, 12, 26
Amsterdam	50
Batavia	23
Bath	14
Binghamton	7, 8, 34, *42
Buffalo	14, 32, 33, 34, 38, 39, *43
Carthage	7
Corning	*30, 48
Elmira	18, 36
Garden City	*21
Ithaca	20
Jamestown	26

Kingston	48
New York	7, 11, *24, 28, 31, 33, 44
North Pole	14
Norwood	*23
Plattsburgh	*38
Poughkeepsie	27
Riverhead	47
Rochester	10, 13, *16, 28, 45
Saranac Lake	40
Schenectady	6, *34, 43
Smithtown	23
Springville	7
Syracuse	15, 17, 19, 24, *25, 44, 47
Utica	27, 29, 30
Watertown	21, *41

NORTH CAROLINA

Community	Channel No.
Asheville	13, *25, 45
Belmont	47
Burlington	14
Chapel Hill	*25
Charlotte	*11, 22, 23, 27, 34
Concord	*44
Durham	11, 28
Edenton	*20
Fayetteville	36, 38
Goldsboro	17
Greensboro	33, 43, 51
Greenville	10, 14, *23, 51
Hickory	40
High Point	8
Jacksonville	*19, 34
Kannapolis	50
Lexington	19
Linville	*17
Lumberton	*31
Manteo	9
Morehead City	8
New Bern	12
Raleigh	27, 48, 49
Roanoke Rapids	*36
Rocky Mount	15
Washington	32
Wilmington	*29, 30, 44, 46
Wilson	42
Winston Salem	29, 31, *32

NORTH DAKOTA

Community	Channel No.
Bismarck	12, 16, *22, 26, 31
Devils Lake	8, *25
Dickinson	7, *9, 19
Ellendale	*20
Fargo	*13, 19, 21, 44
Grand Forks	*15, 27
Jamestown	7
Minot	10, 13, 14, 24, *40
Pembina	12
Valley City	38
Williston	8, 14, *51

OHIO

Community	Channel No.
Akron	23, 30, *50
Alliance	*45
Athens	*27
Bowling Green	*27
Cambridge	*35
Canton	39, 47
Chillicothe	46
Cincinnati	10, 12, 33, *34, 35
Cleveland	8, 15, 17, *26, 34
Columbus	13, 14, 21, 36, *38
Dayton	*16, 30, 41, 50, 51
Lima	8, 47
Lorain	28
Mansfield	12
Newark	24
Oxford	*28
Portsmouth	17, *43
Sandusky	42
Shaker Heights	10
Springfield	26
Steubenville	9
Toledo	5, 11, 13, *29, 46, 49
Youngstown	20, 36, 41
Zanesville	40

OKLAHOMA

Community	Channel No.
Ada	26
Bartlesville	17
Cheyenne	*8
Claremore	*36
Eufaula	*31
Lawton	11
Muskogee	20
Norman	46
Oklahoma City	7, 9, *13, 15, 24, 27, 33, 40, 50, 51
Okmulgee	28
Shawnee	29
Tulsa	8, 10, *11, 22, 42, 45, 47, 49
Woodward	35

OREGON

Community	Channel No.
Bend	*11, 21
Coos Bay	11, 22
Corvallis	*7
Eugene	9, 13, 17, *29, 31
Grants Pass	30
Klamath Falls	13, 29, *33
La Grande	*13, 29
Medford	5, *8, 10, 12, 26
Pendleton	11
Portland	8, *10, 12, 24, 40, 43
Roseburg	18, 19, 45
Salem	22, 33

PENNSYLVANIA

Community	Channel No.
Allentown	*39, 46
Altoona	24, 32, 46
Bethlehem	9
Clearfield	*15
Erie	12, 16, 22, 24, *50
Greensburg	50
Harrisburg	10, 21, *36
Hazleton	45
Jeannette	49
Johnstown	8, 34
Lancaster	8, 23

Philadelphia	6, 17, 26, 32, 34, *35, 42
Pittsburgh	*13, 25, 38, 42, 43, 48, 51
Reading	25
Red Lion	30
Scranton	13, 32, 38, *41, 49
Wilkes Barre	11
Williamsport	29
York	47

RHODE ISLAND

Community	Channel No.
Block Island	17
Providence	12, 13, *21, 51

SOUTH CAROLINA

Community	Channel No.
Allendale	*33
Anderson	14
Beaufort	*44
Charleston	*7, 24, 34, 36, 47, 50
Columbia	8, 10, 17, *32, 47, 48
Conway	*9
Florence	13, 16, 21, *45
Georgetown	*38
Greenville	*9, 16, 21, 36
Greenwood	*18
Hardeeville	28
Myrtle Beach	18, 32
Rock Hill	15, 39
Spartanburg	7, 43
Sumter	*28, 39

SOUTH DAKOTA

Community	Channel No.
Aberdeen	9, *17
Brookings	*8
Eagle Butte	*13
Florence	3
Huron	12
Lead	10, 29
Lowry	*11
Martin	*8
Mitchell	26
Pierre	*10, 19

Rapid City	2, 16, 18, 21, *26
Reliance	13
Sioux Falls	7, 11, 13, *24, 36, 47
Vermillion	*34

TENNESSEE

Community	Channel No.
Chattanooga	9, 12, 13, *29, 40
Cleveland	42
Cookeville	*22, 36
Crossville	20
Greeneville	38
Hendersonville	51
Jackson	39, 43
Jellico	23
Johnson City	11
Kingsport	19
Knoxville	7, 10, *17, 26, 30, 34
Lebanon	44
Lexington	*47
Memphis	5, *10, 13, *14, 25, 28, *29, 31, 51
Murfreesboro	38
Nashville	5, *8, 10, 15, 21, 23, 27,
Sneedville	*41
Tazewell	48

TEXAS

Community	Channel No.
Abilene	15, 24, 29
Alvin	36
Amarillo	7, *8, 10, 15, 19
Arlington	42
Austin	7, 21, *22, 33, 43, 49
Baytown	41
Beaumont	12, 21, *33
Belton	46
Big Spring	33
Blanco	18
Borger	31
Brownsville	24
Bryan	28, 50
College Station	*12
Conroe	32, 42
Corpus Christi	8, 10, 13, *23, 27, 38
Dallas	8, *14, 32, 35, 36, 40, 45
Decatur	30

Del Rio	28
Denton	*43
Eagle Pass	18
El Paso	7, 9, *13, 15, 18, 25, *39, 51
Farwell	18
Fort Worth	9, 11, 18, 41
Fredericksburg	5
Galveston	*23, 48
Garland	23
Greenville	46
Harlingen	31, *34, 38
Houston	*8, 11, 13, 19, *24, 26, 35, 38, 44
Irving	48
Jacksonville	22
Katy	47
Kerrville	32
Killeen	13
Lake Dallas	39
Laredo	8, 13, 19
Llano	27
Longview	31, 38
Lubbock	11, 16, 27, 35, *39, 40
Lufkin	9
Mcallen	49
Midland	18, 26
Nacogdoches	18
Odessa	7, 9, 23, 30, *38, 42
Port Arthur	40
Rio Grande City	20
Rosenberg	45
San Angelo	11, 16, 19
San Antonio	*9, 12, *16, 30, 38, 39, 41, 48,
Sherman	12
Snyder	17
Sweetwater	20
Temple	9
Texarkana	15
Tyler	7
Uvalde	26
Victoria	11, 15
Waco	10, *20, 26, 44
Weslaco	13
Wichita Falls	15, 22, 28
Wolfforth	22

UTAH

Community	Channel No.
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Cedar City	14
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Logan	12
Ogden	24, *36, 48
Price	11
Provo	29, 32, *44
Richfield	*19
Salt Lake City	13, 20, 34, 38, 40, *42, 46
St. George	9, *18
Vernal	16

VERMONT

Community	Channel No.
Burlington	13, 22, *32, 43
Hartford	25
Rutland	*9
St. Johnsbury	*18
Windsor	*24

VIRGINIA

Community	Channel No.
Arlington	15
Ashland	47
Bristol	5
Charlottesville	19, 32, *46
Danville	24
Fairfax	*24
Front Royal	*21
Goldvein	*30
Grundy	49
Hampton	13
Hampton Norfolk	*16
Harrisonburg	49
Lynchburg	13, 20
Manassas	34
Marion	*42
Norfolk	33, 40, 46
Norton	*32
Petersburg	22
Portsmouth	31, 50
Richmond	12, 25, 26, *42, *44
Roanoke	*3, 17, 18, 30, 36
Staunton	*11
Virginia Beach	23, 29

WASHINGTON

Community	Channel No.
Bellevue	33, 50
Bellingham	19, 35
Centralia	*19
Everett	31
Kennewick	44
Pasco	18
Pullman	*10, 24
Richland	26, *38
Seattle	*9, 25, 38, 39, 44, 48
Spokane	7, *8, 13, 20, 28, 34, 36
Tacoma	11, 13, 14, *27, *42
Vancouver	30
Walla Walla	9
Yakima	14, 16, *21, 33

WEST VIRGINIA

Community	Channel No.
Bluefield	40, 46
Charleston	19, 39, 41
Clarksburg	10, 12
Grandview	*10
Huntington	13, 23, *34
Lewisburg	8
Martinsburg	12
Morgantown	*33
Oak Hill	4
Parkersburg	49
Weston	5
Wheeling	7

WISCONSIN

Community	Channel No.
Antigo	46
Appleton	27
Chippewa Falls	49
Crandon	12
Eagle River	28
Eau Claire	13, 15
Fond Du Lac	44
Green Bay	11, 23, 39, 41, *42
Janesville	32
Kenosha	40

La Crosse	8, 14, 17, *30
Madison	11, 19, *20, 26, 50
Mayville	43
Menomonie	*27
Milwaukee	*8, 18, 22, 25, 28, 33, 34, *35, 46
Park Falls	*36
Racine	48
Rhineland	16
Superior	19
Suring	21
Wausau	7, 9, *24
Wittenberg	50

WYOMING

Community	Channel No.
Casper	*6, 12, 14, 17, 20
Cheyenne	11, 27, 30
Jackson	2, 11
Lander	7, *8
Laramie	*8
Rawlins	9
Riverton	10
Rock Springs	23
Sheridan	7, 13

GUAM

Community	Channel No.
Agana	8, 12
Tamuning	14

PUERTO RICO

Community	Channel No.
Aguada	50
Aguadilla	12, 17, *34
Arecibo	14, 46
Bayamon	30
Caguas	11, *48
Carolina	51
Fajardo	13, *16, 33
Guayama	45
Humacao	49
Mayaguez	22, 23, 29, 35
Naranjito	18
Ponce	7, 9, 15, 19, *25, 47

San Juan	21, 27, 28, 31, 32, *43
San Sebastian	39
Yauco	41

VIRGIN ISLANDS

Community	Channel No.
Charlotte Amalie	17, 43, *44
Christiansted	15, 20, 23

APPENDIX B

PROPOSED DTV TABLE OF ALLOTMENTS INFORMATION

The table in this appendix presents the Commission's proposals for assigning the DTV channel allotments to individual broadcast television stations for post-transition DTV operations. It sets forth the proposed technical facilities – effective radiated power, antenna height above average terrain, and antenna identification code – and transmitter site for which each TV station would be authorized on its post-transition channel. The table also provides information on stations' predicted service coverage and the percentage of their service population that would be affected by interference received from other DTV stations. The channels proposed for assignment to stations here are the same as those the Commission is proposing to include in the new DTV Table of Allotments (DTV Table), which, if adopted, would be codified in Section 73.622(i) of the rules (*see* Appendix A.).

The table includes a proposed DTV channel assignment for all television stations that are eligible under the qualifying criteria, set forth in the *Second DTV Periodic Report and Order* and reiterated in the discussion above. The proposed technical facilities parameters, which were also used for calculation of the tabulated engineering information, were developed in the three-round channel election process that the Commission conducted to create the proposed DTV Table. These technical facilities data are also available in an EXCEL format at <http://www.fcc.gov/dtv>.

Data Elements

Facility ID: A five-digit code for identification of TV or DTV stations associated with channel allotments. A unique code is assigned to each station at the time the Commission first receives an application for a construction permit for that station and does not change, even where the license for the station changes ownership or major changes are made to the station, such as a change of channel or community.

City and State: The city and state to which the channel is allotted and the station is licensed to serve.

NTSC Channel: The station's current analog (NTSC) channel. This field is left blank in the case of stations that are only licensed to operate digital television service. If a station currently operates only an analog channel, that analog channel will appear in this field. Note: Stations must cease analog operations at the end of the DTV transition on February 17, 2009. *See* 47 U.S.C. § 309(j)(14)(A).

DTV Channel: The channel proposed for the station's post-transition DTV operation.

DTV Power: The effective radiated power (ERP) proposed for the station's post-transition DTV operation. This value is the ERP specified for the station's post-transition operation in the channel election process and, accordingly, may be the station's: (1) currently authorized ERP, (2) 1997 service replication ERP, (3) other allowable value to which it agreed to operate to resolve a conflict or as part of a negotiated agreement in the channel election process; or (4) in cases where a station's proposed DTV channel is not its current DTV channel, a value determined by the Commission that will enable the station to provide coverage of the station's service area as specified in the channel election process. The value shown is the maximum, over a set of uniformly spaced compass directions, of the ERP values used in determining the station's specified noise-limited DTV service contour. This value is used in the calculations of service and interference also shown herein.

In cases where the TV Engineering Database indicated employment of a directional antenna, the ERP in each specific direction was determined through linear interpolation of the relative field values describing the directional pattern. (The directional pattern stored in the FCC computer database provides relative field values at 10 degree intervals and may include additional values in special directions. The result of linear interpolation of these relative field values is squared and multiplied by the overall maximum ERP listed for the station in the TV Engineering Database to find the ERP in a specific direction.)

Where a station's ERP was determined by the Commission, it was calculated using the following methodology. First, the distance to the station's noise-limited DTV contour (or Grade B contour for stations that do not have a DTV channel) was determined in each of 360 uniformly spaced compass directions starting from true north. This determination was made using information in the engineering database, including directional antenna data, and using terrain elevation data at points separated by 3 arc-seconds of longitude and latitude. FCC curves (47 C.F.R. §73.699) were applied in the usual way, as described in 47 C.F.R. §73.684, to find this noise-limited contour distance, with the exception that dipole factor considerations were applied to the field strength contour specified in 47 CFR §73.683 for UHF channels.

The station's proposed post-transition DTV ERP was then calculated by a further application of FCC curves, with noise-limited DTV coverage defined as the presence of field strengths of 28 dBu, 36 dBu, and 41 dBu as set forth in Section 73.622(e) of the rules, respectively for low-VHF, high-VHF and UHF, at 50 percent of locations and 90 percent of the time. The family of FCC propagation curves for predicting field strength at 50 percent of locations 90 percent of the time is found by the formula $F(50, 90) = F(50, 50) - [F(50, 10) - F(50, 50)]$. That is, the $F(50, 90)$ value is lower than $F(50, 50)$ by the same amount that $F(50, 10)$ exceeds $F(50, 50)$. At UHF, the precise value 41 dBu was applied for channel 38; and the value used for other UHF channels is 41 dBu plus a dipole factor modification. This results in reception on channel 14 needing 2.3 dB less, and channel 69 needing 2.3 dB more, than the 41 dBu for channel 38. The dipole factor modification used in ERP calculations is equal to 20 times \log_{10} of the ratio of the center frequency of the UHF channel of interest to the center frequency of channel 38.

In general, these computations of a station's DTV power on a new channel to match the distance to its noise-limited contour result in ERP values, which vary with azimuth. For example, the azimuthal ERP pattern that replicates for a UHF channel, the noise-limited contour of an omnidirectional VHF operation will be somewhat different because terrain has a different effect on propagation in the two bands. Thus, the procedure described here effectively derives a new directional antenna pattern wherever necessary for a precise match according to FCC curves.

Finally, the ERP specified for a station's new UHF DTV channel was limited so that it does not exceed 1 megawatt. This was done by scaling the azimuthal power pattern rather than by truncation. For example, if replication by FCC curves as described above requires an ERP of 1.2 megawatts, the power pattern is reduced by a factor of 1.2 in all directions. The azimuthal pattern is used in subsequent service and interference calculations for the station.

Antenna Height: The height of the station's transmitting antenna above average terrain, that is, antenna height above average terrain (antenna HAAT). In general, the antenna HAAT value shown for each station is the same as that specified for the station in the channel election process. This value represents the height of the radiation center of the station whose service area is being replicated, above terrain averaged from 3.2 to 16.1 kilometers (2 to 10 miles) from the station's transmitter site, over 8 evenly spaced radials. In computations of service coverage and interference, the value of antenna HAAT was determined every 5 degrees directly from the terrain elevation data, and by linear interpolation for compass directions in between.

Antenna ID: A six digit number that identifies the radiation pattern for the station's transmitting antenna that is stored in the Commission's Consolidated Database System (CDBS). In cases where a station's proposed post-transition channel is the same as its currently assigned DTV channel, the station's antenna pattern is the same as its certified facilities antenna. In other cases, such as where a station chose its analog channel or a different channel, or where the Commission's staff selected a "best available" channel for the station's post-transition operation, the antenna pattern for the station was developed by our computer software to allow the station to replicate the coverage area reached by operation at its certified facilities on its proposed channel (i.e., the station's TCD from the channel election process); or the station has indicated that it would use a particular antenna for its post-transition operation in the channel election process, the station's antenna pattern is the same as specified in Schedule B of FCC Forms 383 and 385. These antenna patterns are used in the calculation of service area and interference. The CDBS can be accessed on the Internet at www.fcc.gov/mb/cdbs.html.

Transmitter Latitude: The geographic latitude coordinates of the station's transmitter location.

Transmitter Longitude: The geographic longitude coordinates of the station's transmitter location.

Service Area, Service Population, and Percent Interference Received: Under the heading "DIGITAL TELEVISION SERVICE AFTER THE TRANSITION," prospective conditions are evaluated in terms of both area and population. The values tabulated under this heading are net values: service area is the area where the desired signal is above the DTV noise threshold, less the area where service receives predicted interference from other DTV stations. Similarly, the number of people served is the population receiving an adequate signal relative to noise excluding people in areas with predicted interference. The level of interference received to a station's service is calculated based on desired-to-undesired (D/U) ratios, and these levels must be above certain threshold values for acceptable service. The percent interference received value is the percentage of the station's otherwise noise-limited service area that is affected by predicted interference from other DTV stations. The threshold values used to prepare the interference estimates in this appendix are those set forth in Section 73.623(c) of the rules, 47 C.F.R. § 73.623(c). The procedure used to identify areas of service and interference is that specified in *OET Bulletin No. 69*. See *OET Bulletin No. 69*, Longley-Rice Methodology for Evaluating TV Coverage and Interference, February 6, 2004 ("*OET Bulletin No. 69*"), available at www.fcc.gov/Bureaus/Engineering_Technology/Documents/bulletins/oet69/oet69.pdf.

**[Note: Proposed DTV Table of Allotments Information
is also attached separately in Microsoft Excel format.]**