

Allocation Study
New Translator
Channel 287D – 105.3 MHz
0.051 kW ERP (DA) – 1378 m COR AMSL
Scaly, North Carolina
March 2013

Searching from Proposed Site

REFERENCE CH# 287D - 105.3 MHz, Pwr= 0.051 kW DA, HAAT= 464.7 M, COR= 1378 M DISPLAY DATES
 35 02 06.0 N. Average Protected F(50-50)= 18.8 km DATA 03-27-13
 83 16 23.0 W. Standard Directional SEARCH 03-27-13

CH CITY	CALL	TYPE	ANT STATE	AZI. <--	DI ST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
287D Scaly	634794	APP	C NC	0.0 0.0	0.00 BNPFT20030312AMH	35 02 06.0 83 16 23.0	0.010 465	41.4 1378	11.9 Charisma Radi o Corp.	-58.1*	-67.8*
286C3 Cl ermont	WNGA	CP	CX GA	232.7 52.4	52.37 BPH20120807ACA	34 44 55.0 83 43 43.0	7.000 187	64.1 857	19.9 Tugart Properties, LI c	-23.7*	-12.1
286A Hel en	WNGA	LIC	CX GA	232.7 52.4	52.37 BLH20050323ACD	34 44 55.0 83 43 43.0	1.700 187	48.4 857	13.7 Tugart Properties, LI c	-8.0	0.2
286C3 Cl ermont	WNGA	RSV-A	GA	221.6 41.3	69.56 41.3	34 33 58.0 83 46 40.0	25.000 100	60.0 546	25.2 Tugart Properties, LI c	-6.3	6.1
286C3 Cl ermont	WNGA	APP	CX GA	221.6 41.3	69.56 BPH20130322AI J	34 33 58.0 83 46 40.0	3.200 279	58.0 726	35.1 Tugart Properties, LI c	-4.4	7.2
288D Cashi ers	1543185	APP DC	NC	55.2 235.3	19.51 BNPFT20130227AEY	35 08 06.0 83 05 49.0	0.200	7.4 1457	2.8 Georgi a-carol i na Radi ocast	5.1	10.4
289D Cashi ers	649067	APP	C NC	55.2 235.3	19.49 BNPFT20030317ERJ	35 08 06.0 83 05 50.0	0.010 385	0.2 1441	9.1 Georgi a-carol i na Radi ocast	12.3	9.8
288A Cl emson	R15125	RSV-R	SC	130.5 310.8	67.95 310.8	34 38 13.0 82 42 30.0	6.000 100	44.2 340	28.0 10.6	10.6	24.6
288D Waynesvill e	1545310	APP DC	NC	17.2 197.2	47.02 BNPFT20130306AAN	35 26 23.0 83 07 11.0	0.050	13.3 1437	4.3 Georgi a-carol i na Radi ocast	17.7	17.1
287A Loudon	WFIV-FM	LIC	CN TN	314.1 133.5	124.76 BLH19910530KC	35 48 40.0 84 16 02.0	6.000 100	87.8 370	28.3 Horne Radi o, LI c	19.1	34.4
290D Syl va	649038	APP	C NC	7.3 187.3	37.03 BNPFT20030317Eou	35 21 58.0 83 13 17.0	0.010 -2	0.2 910	3.2 Georgi a-carol i na Radi ocast	19.2	30.2
287A Ti gnal i	WSGC-FM	LIC	CX GA	158.4 338.6	124.73 BLH20120118AEO	33 59 22.0 82 46 23.0	6.000 100	82.1 242	25.3 Georgi a-carol i na Radi ocast	23.5	41.0
287C1 Gaffney	WOSF	LIC	CX SC	78.5 259.7	193.45 BLH20100429ADK	35 21 51.0 81 11 13.0	51.000 395	163.8 644	70.4 Gaffney Broadcasting, Inco	24.4	115.7
290C2 Weavervill e	WTMT	LIC	CX NC	41.7 222.0	84.46 BLH20101130AJK	35 36 04.0 82 39 07.0	9.500 339	4.7 1064	51.8 Saga Communi cations Of Nor	67.5	32.4
286D Brevard	W286CF	LIC	C NC	73.6 253.9	56.12 BLFT20120622AAM	35 10 34.0 82 40 55.0	0.009	17.1 1165	11.3 Western North Carol i na Pub	33.5	42.0
285A Waynesvill e	WQNS	LIC	CN NC	29.1 209.3	67.89 BLH19950927KB	35 34 07.0 82 54 27.0	0.245 482	1.1 1417	30.1 Clear Channel Broadcasting	52.6	36.5

Terrain database is USGS 03 SEC, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM
 In & Out distances between contours are shown at closest points. Reference Zone= East Zone, Co to 3rd
 adjacent.

All separation margins (if shown) include rounding

Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, __= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)

***affixed to 'IN' or 'OUT' values = site inside protected contour.