

**MINOR CHANGE APPLICATION**  
**T.C.B. BROADCASTING**  
**NEW FM TRANSLATOR STATION**  
**CH 245D - 96.9 MHZ - 0.25 KW**  
**LYONS, GEORGIA**  
**April 2018**

**EXHIBIT B1**

Clearance Study for New Translator  
Using Proposed Site as Reference

REFERENCE	CH# 245D - 96.9 MHz, Pwr= 0.25 kW, HAAT= 0.0 M, COR= 122.3 M	DISPLAY DATES
32 12 49.4 N.	Average Protected F(50-50)= 7.1 km	DATA 04-15-18
82 19 51.3 W.	Omni-directional	SEARCH 04-15-18

CH CITY	CALL	TYPE	ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr (kW) HAAT (M)	INT (km) COR (M)	PRO (km) LICENSEE	*IN* (Overlap in km)	*OUT*
245D Lyons	1775347	APP	C GA	0.0 0.0	0.00 BNPFT20180126ABL	32 12 49.4 82 19 51.3	0.250	34.6 122	10.3 T.c.b. Broadcasting, Inc	-44.9*	-44.9*
245A Fitzgerald	WRDO	LIC	CX GA	238.9 58.4	100.80 BLH20020425ABO	31 44 33.0 83 14 39.0	6.000 100	90.6 194	31.2 Broadcast South, LLC	1.1	40.5
244D Baxley	W244CR	LIC	C GA	193.2 13.2	48.95 BLFT20110812ACY	31 47 06.0 82 26 58.0	0.250 285	32.2 345	21.6 South Georgia Broadcasters	7.1	14.0
246D Swainsboro	W246BQ	LIC	C GA	356.7 176.7	41.00 BLFT20081210AEA	32 34 55.0 82 21 22.0	0.225 93	19.3 171	13.0 Radiojones, LLC	11.1	13.8
245C3 Wrens	WTHB-FM	LIC	NCX GA	0.5 180.5	116.21 BLH20070123ABV	33 15 32.2 82 19 10.1	6.200 121	92.4 241	32.5 Perry Broadcasting Of Augu	13.3	49.1
247C0 Savannah	WAEV	LIC	CX GA	101.1 281.6	95.06 BMLH20170223AAF	32 02 45.0 81 20 27.0	100.000 396	11.4 402	79.0 Capstar Tx, LLC	72.1	15.0
243C Savannah	WJCL-FM	LIC	CX GA	100.2 280.8	95.01 BMLH20110307ACU	32 03 29.0 81 20 19.0	100.000 354	10.9 361	75.9 Cumulus Licensing LLC	72.7	18.0
245D Dublin	W245BT	LIC	C GA	303.3 123.0	65.75 BLFT20110218AAG	32 32 15.0 82 55 01.0	0.250 23	26.3 100	7.7 John M. Dowdy	29.9	25.5
245C0 Jacksonville	WJGL	LIC	C FL	161.1 341.5	227.39 BMLH20130124AAR	30 16 34.0 81 33 53.0	100.000 309	172.9 315	73.0 Cox Radio, Inc.	44.1	120.2
299D Statesboro	W299CT	CP	C GA	59.0 239.3	54.63 BNPFT20171201AIX	32 27 55.0 81 49 55.0	0.250	12.8 136	58.8 Radio Statesboro, Inc.	10.0R	44.6M

Terrain database is FCC NGDC 30 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 restricted contour.

Reference station has protected zone issue: AM tower

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**EXHIBIT B2**

N. Lat. = 32° 12' 49.4" - Protected and Interfering Contour Data  
W. Lng. = 82° 19' 51.3 - New FM Translator, Lyons, Georgia

HAAT and Distance to Contour - FCC 30 second terrain database

Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5	40-F1	54-F1	100-F1
000	60.5	61.8	0.2500	-6.02	1.000	10.31	34.71	14.34	1.11
010	57.7	64.6	0.2500	-6.02	1.000	10.51	35.50	14.62	1.11
020	57.8	64.5	0.2500	-6.02	1.000	10.50	35.47	14.61	1.11
030	54.9	67.4	0.2500	-6.02	1.000	10.71	36.30	15.15	1.11
040	52.7	69.6	0.2500	-6.02	1.000	10.86	36.89	15.42	1.11
050	54.9	67.4	0.2500	-6.02	1.000	10.71	36.30	15.14	1.11
060	50.8	71.5	0.2500	-6.02	1.000	10.99	37.41	15.68	1.11
070	49.2	73.1	0.2500	-6.02	1.000	11.11	37.84	15.89	1.11
080	46.5	75.8	0.2500	-6.02	1.000	11.29	38.57	16.25	1.11
090	46.8	75.5	0.2500	-6.02	1.000	11.27	38.49	16.20	1.11
100	46.6	75.7	0.2500	-6.02	1.000	11.28	38.54	16.23	1.11
110	41.4	80.9	0.2500	-6.02	1.000	11.63	39.86	16.89	1.11
120	34.1	88.2	0.2500	-6.02	1.000	12.11	41.65	17.81	1.11
130	43.7	78.6	0.2500	-6.02	1.000	11.48	39.30	16.61	1.11
140	54.7	67.6	0.2500	-6.02	1.000	10.73	36.35	15.17	1.11
150	60.7	61.6	0.2500	-6.02	1.000	10.30	34.64	14.31	1.11
160	63.4	58.9	0.2500	-6.02	1.000	10.09	33.82	14.02	1.11
170	58.0	64.3	0.2500	-6.02	1.000	10.49	35.43	14.59	1.11
180	65.1	57.2	0.2500	-6.02	1.000	9.95	33.29	13.84	1.11
190	69.7	52.6	0.2500	-6.02	1.000	9.53	31.67	13.29	1.11
200	70.4	51.9	0.2500	-6.02	1.000	9.46	31.40	13.19	1.11
210	72.4	49.9	0.2500	-6.02	1.000	9.26	30.71	12.94	1.11
220	70.9	51.4	0.2500	-6.02	1.000	9.41	31.22	13.13	1.11
230	73.1	49.2	0.2500	-6.02	1.000	9.18	30.44	12.84	1.11
240	77.7	44.6	0.2500	-6.02	1.000	8.68	28.83	12.22	1.11
250	80.1	42.2	0.2500	-6.02	1.000	8.41	27.99	11.89	1.11
260	82.1	40.2	0.2500	-6.02	1.000	8.19	27.32	11.61	1.11
270	82.5	39.8	0.2500	-6.02	1.000	8.13	27.16	11.55	1.11
280	78.8	43.5	0.2500	-6.02	1.000	8.56	28.45	12.07	1.11
290	65.5	56.8	0.2500	-6.02	1.000	9.92	33.15	13.80	1.11
300	68.6	53.7	0.2500	-6.02	1.000	9.64	32.07	13.43	1.11
310	66.1	56.2	0.2500	-6.02	1.000	9.87	32.95	13.73	1.11
320	64.6	57.7	0.2500	-6.02	1.000	9.99	33.43	13.89	1.11
330	60.4	61.9	0.2500	-6.02	1.000	10.32	34.73	14.34	1.11
340	55.1	67.2	0.2500	-6.02	1.000	10.69	36.22	15.11	1.11
350	60.7	61.6	0.2500	-6.02	1.000	10.30	34.64	14.31	1.11

AMSL= 122.3 M