

MINOR CHANGE APPLICATION
DEBRA SEARS GRAHAM
W248AH FM TRANSLATOR STATION
CH 248D - 97.5 MHZ - 0.25 KW
BRUNSWICK, GEORGIA
July 2016

EXHIBIT B1

Clearance Study for W248AH
Using Proposed/Licensed Site as Reference

REFERENCE 31 11 39.0 N. 81 29 30.0 W.		CH# 248D - 97.5 MHZ, Pwr= 0.25 kW, HAAT= 42.9 M, COR= 45 M Average Protected F(50-50)= 8.5 km Omni-directional						DISPLAY DATES DATA 07-06-16 SEARCH 07-06-16			
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*
248D Brunswick	W248AH!	LIC	C GA	0.0 0.0	0.00 BLFT20041206AAL	31 11 39.0 81 29 30.0	0.120 43	21.2 45	6.3 Debra Sears Graham	-28.8	-31.9
247C0 Savannah	WAEV	LIC	CX GA	8.5 188.6	95.75 BLH20020604AAW	32 02 45.0 81 20 27.0	100.000 396	118.5 402	79.9 Capstar Tx, LLC	-30.7*	4.7
249A Waycross	WWUF	LIC	CX GA	269.4 89.0	72.76 BLH20020723AAX	31 11 05.0 82 15 24.0	6.000 99	44.8 132	29.0 Mattox Broadcasting, Inc.	19.6	31.8
245C0 Jacksonville	WJGL	LIC	C FL	183.9 3.9	102.30 BMLH20130124AAR	30 16 34.0 81 33 53.0	100.000 309	10.3 315	73.1 Cox Radio, Inc.	83.3	28.1
250C2 Neptune Beach	WKSL	LIC	CX FL	184.3 4.2	101.82 BMLH20120611ABM	30 16 51.0 81 34 13.0	12.500 302	5.4 308	52.3 Clear Channel Broadcasting	87.7	48.4

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. Call signs with exclamation marks need not be protected.

Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtlt(Y,N,X)
 "**"affixed to 'IN' or 'OUT' values = site inside restricted contour.

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EXHIBIT B2

N. Lat. = 31° 11' 39.0" - Protected and Interfering Contour Data
W. Lng. = 81° 29' 30.0 - W248AH FM Translator, Brunswick, 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	9.7	35.3	0.2500	-6.02	1.000	7.63	25.59	10.90	1.11
010	7.8	37.2	0.2500	-6.02	1.000	7.85	26.26	11.18	1.11
020	6.7	38.3	0.2500	-6.02	1.000	7.96	26.64	11.33	1.11
030	1.9	43.1	0.2500	-6.02	1.000	8.52	28.32	12.02	1.11
040	0.5	44.5	0.2500	-6.02	1.000	8.68	28.81	12.21	1.11
050	0.0	45.0	0.2500	-6.02	1.000	8.73	28.98	12.28	1.11
060	0.0	45.0	0.2500	-6.02	1.000	8.73	28.98	12.28	1.11
070	0.0	45.0	0.2500	-6.02	1.000	8.73	28.98	12.28	1.11
080	0.0	45.0	0.2500	-6.02	1.000	8.73	28.98	12.28	1.11
090	0.0	45.0	0.2500	-6.02	1.000	8.73	28.98	12.28	1.11
100	0.0	45.0	0.2500	-6.02	1.000	8.73	28.98	12.28	1.11
110	0.0	45.0	0.2500	-6.02	1.000	8.73	28.98	12.28	1.11
120	0.0	45.0	0.2500	-6.02	1.000	8.73	28.98	12.28	1.11
130	0.0	45.0	0.2500	-6.02	1.000	8.73	28.98	12.28	1.11
140	0.0	45.0	0.2500	-6.02	1.000	8.73	28.98	12.28	1.11
150	0.0	45.0	0.2500	-6.02	1.000	8.73	28.98	12.28	1.11
160	0.0	45.0	0.2500	-6.02	1.000	8.73	28.98	12.28	1.11
170	0.0	45.0	0.2500	-6.02	1.000	8.73	28.98	12.28	1.11
180	0.0	45.0	0.2500	-6.02	1.000	8.73	28.98	12.28	1.11
190	0.0	45.0	0.2500	-6.02	1.000	8.73	28.98	12.28	1.11
200	0.0	45.0	0.2500	-6.02	1.000	8.73	28.98	12.28	1.11
210	0.0	45.0	0.2500	-6.02	1.000	8.73	28.97	12.28	1.11
220	1.7	43.3	0.2500	-6.02	1.000	8.54	28.40	12.05	1.11
230	0.5	44.5	0.2500	-6.02	1.000	8.67	28.79	12.21	1.11
240	3.7	41.3	0.2500	-6.02	1.000	8.31	27.69	11.76	1.11
250	5.1	39.9	0.2500	-6.02	1.000	8.16	27.22	11.57	1.11
260	5.0	40.0	0.2500	-6.02	1.000	8.16	27.24	11.58	1.11
270	3.4	41.6	0.2500	-6.02	1.000	8.35	27.79	11.81	1.11
280	3.2	41.8	0.2500	-6.02	1.000	8.37	27.87	11.84	1.11
290	3.7	41.3	0.2500	-6.02	1.000	8.32	27.71	11.77	1.11
300	2.0	43.0	0.2500	-6.02	1.000	8.51	28.30	12.01	1.11
310	0.2	44.8	0.2500	-6.02	1.000	8.71	28.91	12.26	1.11
320	1.3	43.7	0.2500	-6.02	1.000	8.58	28.52	12.10	1.11
330	3.8	41.2	0.2500	-6.02	1.000	8.30	27.67	11.75	1.11
340	6.1	38.9	0.2500	-6.02	1.000	8.03	26.86	11.43	1.11
350	9.4	35.6	0.2500	-6.02	1.000	7.67	25.71	10.95	1.11

AMSL= 45.0