

**Engineering Statement  
In Support of an  
Amendment to a Pending Application (BPH-20121119ANF)  
WLDA(FM), Channel 280C2, Fort Rucker, Alabama**

**WLDA(FM) Channel 280C2 Channel Spacing/Allocation Study  
(Using the proposed tower site as reference)**

REFERENCE		DISPLAY DATES
31 17 28.0 N.	CLASS = C2	DATA 05-07-13
85 34 19.0 W.	Current Spacings to 3rd Adj.	SEARCH 05-07-13
----- Channel 280 - 103.9 MHz -----		

Call	Channel	Location	Azi	Dist	FCC	Margin
WLDA	APP 280C2	Fort Rucker	AL 317.5	3.51	189.5	-186.0
WLDA	RSV-A 280C2	Fort Rucker	AL 317.5	3.51	189.5	-186.0

Of no concern:  
Previously applied-for coordinates for WLDA on channel 280C2.

WLDA	LIC-N	280C3	Fort Rucker	AL	2.7	16.55	176.5	-160.0
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Of no concern:  
Licensed coordinates of WLDA.

WAAO-FM	LIC	279A	Andalusia	AL	274.0	85.39	105.5	-20.1
R15371	DEL	279A	Andalusia	AL	274.0	85.39	105.5	-20.1
WAAO-FM	RSV-A	279C3	Andalusia	AL	274.4	97.94	116.5	-18.6

Of note:  
WAAO-FM moves to channel 229A in the instant application via  
Order to Show Cause.

WGLF	LIC	281C0	Tallahassee	FL	121.7	175.89	175.5	0.39
WHLW	LIC-N	282C1	Luverne	AL	323.8	94.21	78.5	15.7
WDLT-FM	LIC-N	281C	Saraland	AL	249.6	211.89	187.5	24.4
WLTC	LIC	279C3	Cusseta	GA	26.4	144.76	116.5	28.3
WBBK-FM	LIC-N	226C2	Blakely	GA	88.9	49.22	19.5	29.7
WQXZ	LIC	280C3	Hawkinsville	GA	61.5	208.04	176.5	31.5
WMXS	LIC	277C	Montgomery	AL	334.7	136.78	104.5	32.3
WKNK	LIC	278C1	Callaway	FL	176.6	123.30	78.5	44.8

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**WAAO-FM Channel 229A Channel Spacing/Allocation Study  
(Using the licensed WAAO-FM site as reference)**

REFERENCE		DISPLAY DATES
31 20 27.0 N.	CLASS = A	DATA 05-07-13
86 28 02.0 W.	Current Spacings to 3rd Adj.	SEARCH 05-07-13
----- Channel 229 - 93.7 MHz -----		

Call	Channel	Location	Azi	Dist	FCC	Margin
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<b>WDBT</b>	<b>LIC</b>	<b>229C1</b>	<b>Hartford</b>	<b>AL</b>	<b>124.1</b>	<b>58.48</b>	<b>199.5</b>	<b>-141.0</b>
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Of concern:

WDBT moves to channel 228A at Hope Hull, AL in a contingent application  
(see below).

WMJY	LIC-Z	229C	Biloxi	MS	246.7	234.82	225.5	9.3
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<b>WDBT</b>	<b>RSV-A</b>	<b>228A</b>	<b>Hope Hull</b>	<b>AL</b>	<b>8.5</b>	<b>91.41</b>	<b>71.5</b>	<b>19.9</b>
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<b>WDBT</b>	<b>APP</b>	<b>228A</b>	<b>Hope Hull</b>	<b>AL</b>	<b>8.5</b>	<b>91.41</b>	<b>71.5</b>	<b>19.9</b>
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Of note:

Application coordinates of WDBT (32-09-22/86-19-25).

WDJC-FM	LIC	229C0	Birmingham	AL	350.7	236.36	214.5	21.9
R11730	VAC	230A	Camden	AL	312.3	101.72	71.5	30.2
1505519	RSV-A	228A	Pike Road	AL	18.5	105.39	71.5	33.9
R15082	ADD	228A	Pike Road	AL	18.5	105.39	71.5	33.9
WQZX	LIC	232A	Greenville	AL	348.4	64.57	30.5	34.1
WTGZ	LIC	230C3	Union Springs	AL	34.5	131.96	88.5	43.5
WNCV	LIC-N	227C2	Shalimar	FL	188.2	104.20	54.5	49.7

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**WWEO(LP) Channel 267L1 Channel Spacing Study  
[Using the licensed WWEO(LP) site as reference]**

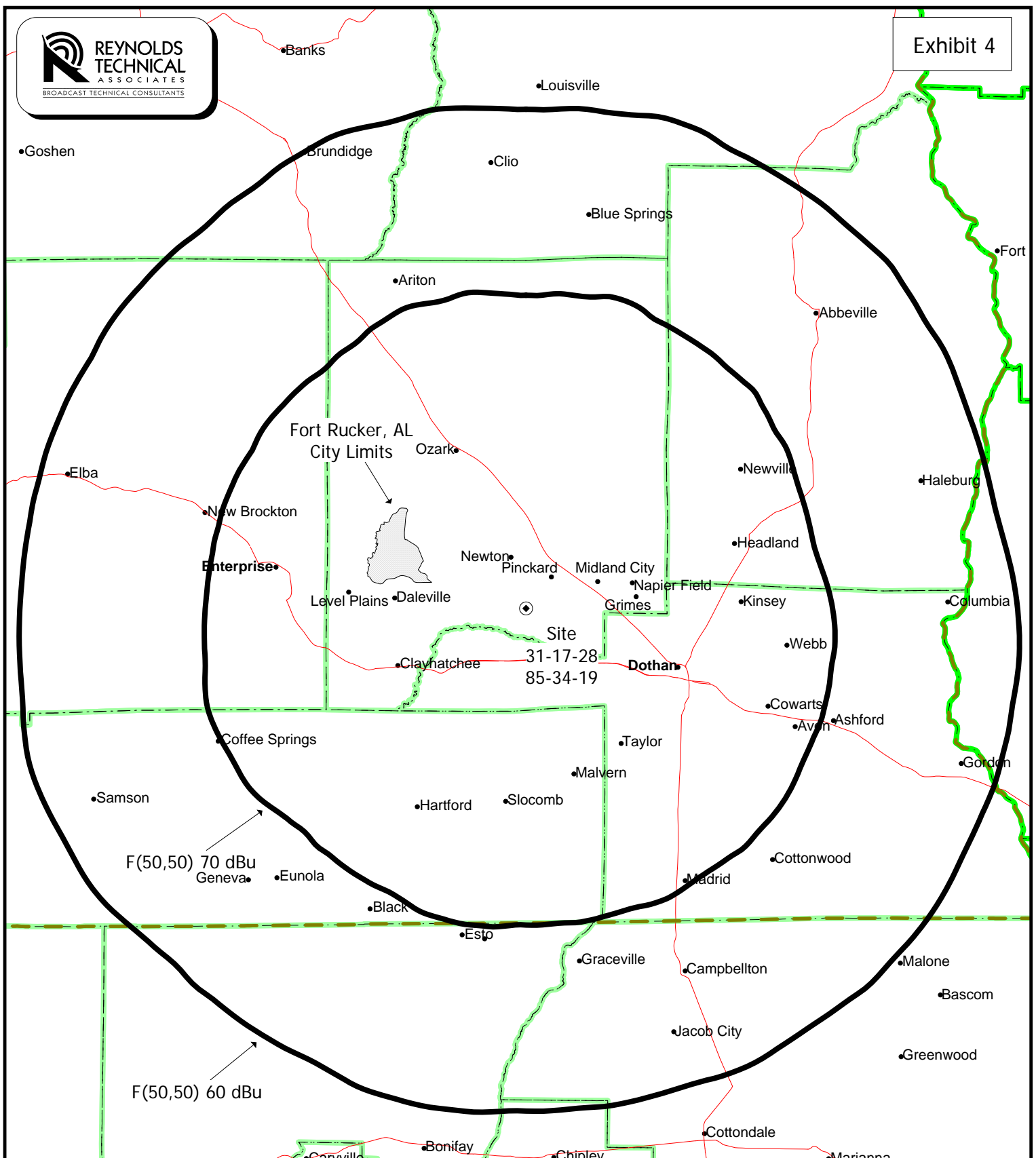
REFERENCE		DISPLAY DATES
30 44 18.0 N.	CLASS = L1	DATA 05-07-13
86 06 22.0 W.	Current Spacings to 3rd Adj.	SEARCH 05-07-13
----- Channel 267 - 101.3 MHz -----		

Call	Channel	Location	Azi	Dist	FCC	Margin
WYOO	LIC-Z 266C3	Springfield	FL 153.4	69.39	66.5	2.9
WVVL	LIC 266A	Elba	AL 10.6	75.93	55.5	20.4
WAGF-FM	LIC 267A	Dothan	AL 54.8	89.81	66.5	23.3
WTKX-FM	LIC-N 268C	Pensacola	FL 264.8	144.55	119.5	25.1
WTOT-FM	LIC 269A	Graceville	FL 67.2	62.96	28.5	34.5
WKGK-FM	LIC 214C1	Panama City	FL 139.0	65.00	19.5	45.5



REYNOLDS  
TECHNICAL  
ASSOCIATES  
BROADCAST TECHNICAL CONSULTANTS

Exhibit 4

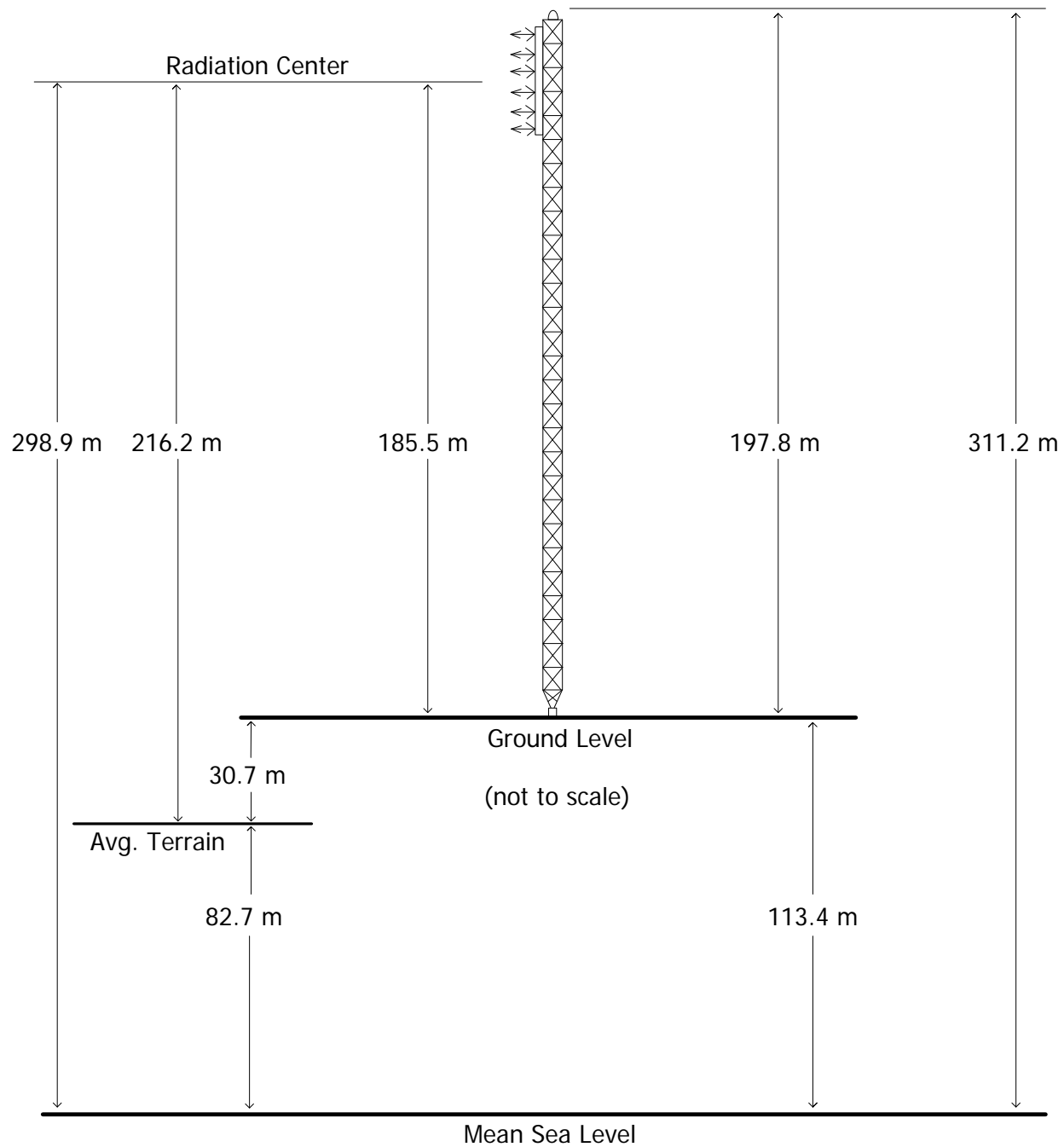


0 20 40  
kilometers

**PREDICTED COVERAGE CONTOURS**

RADIO STATION WLDA(FM)  
FORT RUCKER, ALABAMA  
CH 280C2 24.5 KW 216.2 M

**WLDA(FM), Fort Rucker, AL  
Tower Vertical Sketch**



NAD 27  
Site Coordinates:  
31° 17' 28"  
85° 34' 19"