

**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 12-30-13
85 34 19.0 W.	Current Spacings to 3rd Adj.	SEARCH 12-30-13
----- Channel 280 - 103.9 MHz -----		

Call	Channel	Location	Azi	Dist	FCC	Margin
WLDA	APP 280C2	Fort Rucker	AL 131.5	1.58	189.5	-187.9
WLDA	RSV-A 280C2	Fort Rucker	AL 131.5	1.58	189.5	-187.9

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

WLDA	LIC-N	280C3	Fort Rucker	AL	7.3	15.62	176.5	-160.9
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Of no concern:
Licensed coordinates of WLDA.

WAAO-FM	LIC	279A	Andalusia	AL	273.3	85.39	105.5	-21.4
R15371	DEL	279A	Andalusia	AL	273.3	85.39	105.5	-21.4

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

WGLF	LIC	281C0	Tallahassee	FL	121.8	177.47	175.5	2.0
WHLW	LIC-N	282C1	Luverne	AL	324.0	92.65	78.5	14.2
WDLT-FM	LIC-N	281C	Saraland	AL	249.3	211.12	187.5	23.6
WLTC	LIC	279C3	Cusseta	GA	27.0	144.38	116.5	27.9
WMXS	LIC	277C	Montgomery	AL	334.9	135.31	104.5	30.8
WBBK-FM	LIC-N	226C2	Blakely	GA	90.1	50.43	19.5	30.9
WQXZ	LIC	280C3	Hawkinsville	GA	61.9	208.62	176.5	32.1
WKNK	LIC	278C1	Callaway	FL	176.1	124.42	78.5	45.9

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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 12-30-13
86 28 02.0 W.	Current Spacings to 3rd Adj.	SEARCH 12-30-13
----- Channel 229 - 93.7 MHz -----		

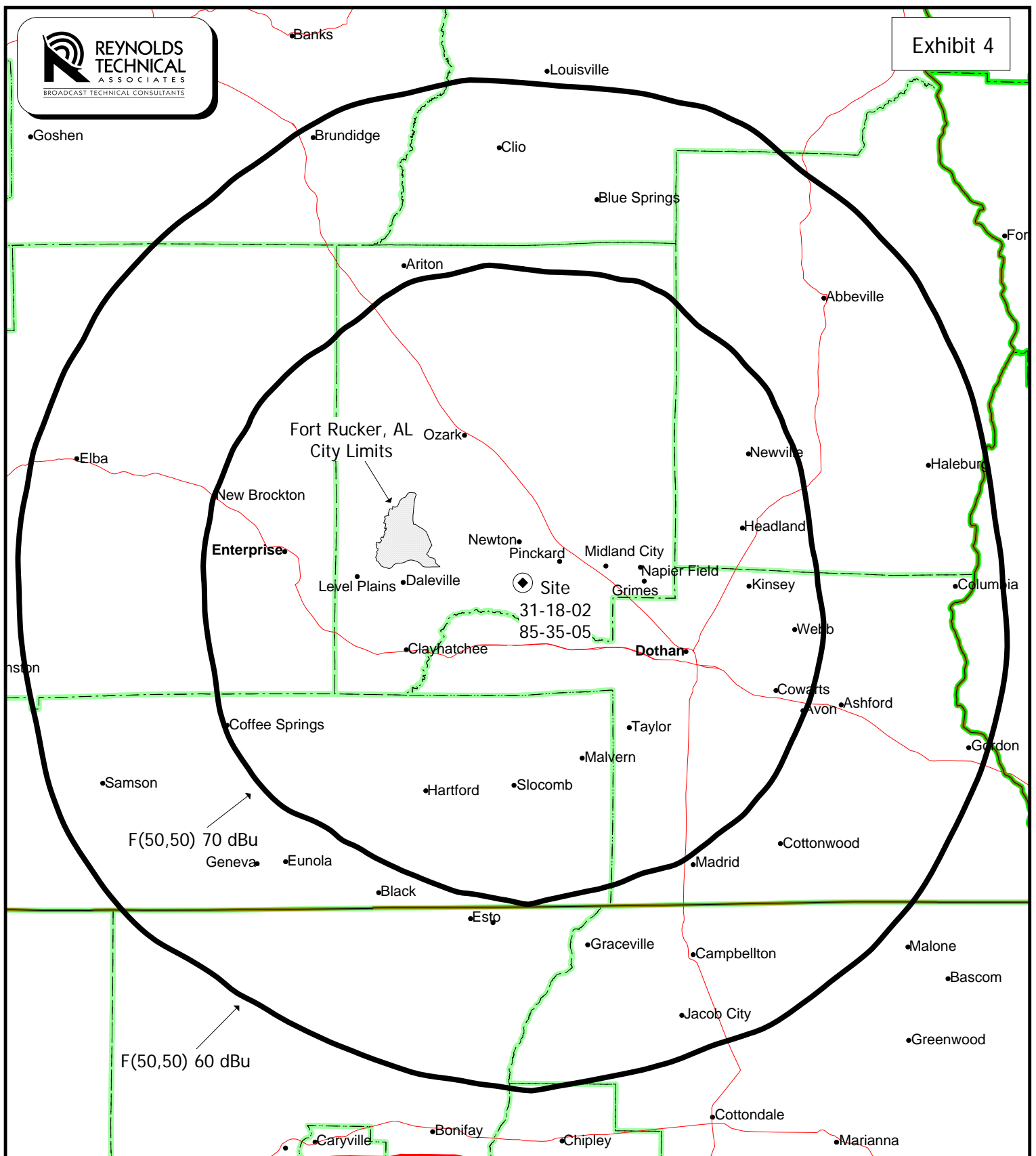
Call	Channel	Location	Azi	Dist	FCC	Margin
WDBT	LIC 229C1	Hartford	AL 124.1	58.48	199.5	-141.0
Of concern: WDBT moves to channel 228A at Hope Hull, AL in a contingent application (see below).						
WTKP	APP-N 229C1	Port St. Joe	FL 143.8	183.05	199.5	-16.5
WTKP	RSV-A 229C1	Port St. Joe	FL 145.3	204.64	199.5	5.1
Of no concern: Application to be dismissed.						
WMJY	LIC-Z 229C	Biloxi	MS 246.7	234.82	225.5	9.3
WDBT	RSV-A 228A	Hope Hull	AL 8.5	91.41	71.5	19.9
WDBT	APP 228A	Hope Hull	AL 8.5	91.41	71.5	19.9
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 12-30-13
86 06 22.0 W.	Current Spacings to 3rd Adj.	SEARCH 12-30-13
----- Channel 267 - 101.3 MHz -----		

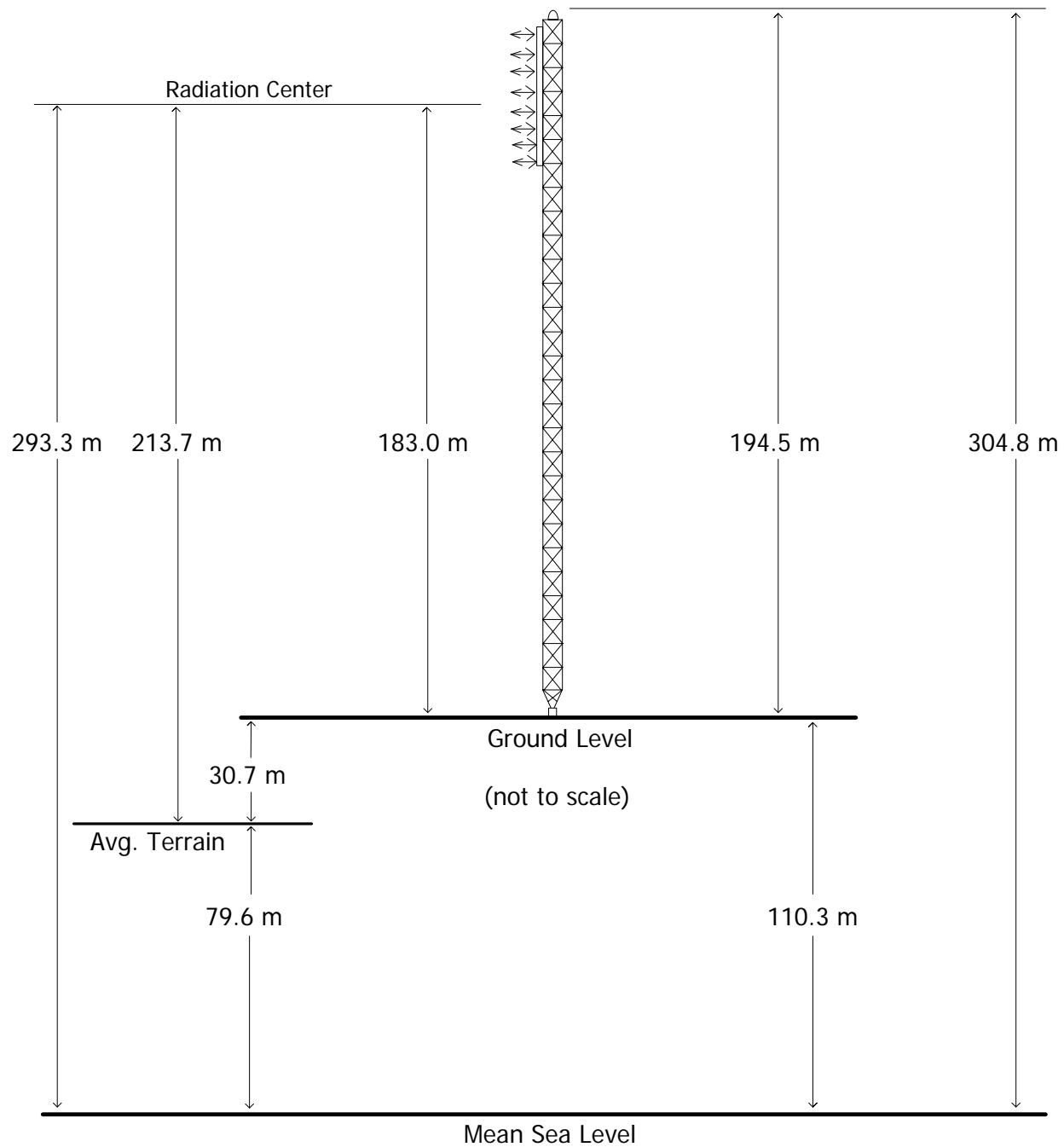
Call	Channel	Location	Azi	Dist	FCC	Margin
WYOO	LIC-Z 266C3	Springfield	FL 153.4	69.39	66.5	2.9
WVVL	LIC 266A	Elba	AL 10.6	75.93	55.5	20.4
WAGF-FM	LIC 267A	Dothan	AL 54.8	89.81	66.5	23.3
WTKX-FM	LIC-N 268C	Pensacola	FL 264.8	144.55	119.5	25.1
WTOT-FM	LIC 269A	Graceville	FL 67.2	62.96	28.5	34.5



PREDICTED COVERAGE CONTOURS

RADIO STATION WLDA(FM)
FORT RUCKER, ALABAMA
CH 280C2 25.0 KW 213.7 M

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



NAD 27
Site Coordinates:
31° 18' 02"
85° 35' 05"